QUARTER 4, 2024
FENCELINE MONITORING REPORT FOR THE SOUTH PORTLAND TERMINAL

Prepared For:
Buckeye Terminals LLC

6161 Hamilton Boulevard
Allentown, PA 18106

Facility:
South Portland Terminal LLC
170 Lincoln Street
South Portland, ME 04106
Permits A-282-70-G-R and A-282-70-H-A

Prepared By:
Montrose Air Quality Services LLC
45 Route 46 East, Suite 601
Pine Brook, NJ 07058

Report Number: **047AA-031334-RT-696**
Date: **February 13, 2025**

Responsible Official Certification Page

SUBMITTAL: South Portland Terminal - 4Q Fenceline Monitoring Report

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, I believe the information included in the attached document is true, complete, and accurate.

Stephen Wing	Area Manager I
Print Name	Title
Signature	2/13/25 Date

SOUTH PORTLAND TERMINAL FENCELINE MONITORING - SUMMARY

Flags:	E	Concentration exceeds the calibration range. The analyte result is an estimated value
	I	Internal Standard recovery is outside acceptance limits
	ND	The analyte was not present above the Method Detection Limit
	J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
	P	Field duplicate(s) exceed 30%RPD
	Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit
	B	Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
	Fe	Field Error. See complete lab report narrative for details

Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
BCKSP-1-S-20240925	C33263	1.480		1.320		2.360		0.810		4.240	
BCKSP-2-S-20240925	C27848	1.960		1.320		3.780		1.360		6.470	
BCKSP-3-S-20240925	B38606	2.790		1.730		5.420		1.970		9.820	
BCKSP-4-S-20240925	B35917	2.740		1.630		5.080		1.900		10.300	
BCKSP-5-S-20240925	C35728	2.860		1.590		6.150		2.100		10.900	
BCKSP-5-D-20240925	B38553	2.800		1.560		5.280		1.870		10.600	
BCKSP-5-B-20240925	B20621	0.189	ND	0.275	ND	0.275	ND	0.275	ND	0.243	ND
BCKSP-6-S-20240925	B43587	3.900		2.030		7.480		2.570		14.700	
BCKSP-7-S-20240925	B40302	4.560		2.410		8.270		2.890		16.900	
BCKSP-8-S-20240925	B45015	7.160		3.960		13.400		4.490		26.800	
BCKSP-9-S-20240925	B27653	7.430		2.870		10.200		3.500		22.200	
BCKSP-10-S-20240925	C35887	7.700		3.050		11.400		3.810		23.100	
BCKSP-11-S-20240925	B16846	3.620		1.610		5.310		1.810		10.500	
BCKSP-12-S-20240925	C38882	4.290		1.650		5.690		1.910		12.500	
BCKSP-13-S-20240925	C00774	4.000		1.710		5.610		2.050		12.300	
BCKSP-14-S-20240925	B27822	1.900		1.210		3.430		1.200		5.780	
BCKSP-14-D-20240925	C02046	2.000		1.150		3.470		1.290		6.090	
BCKSP-14-B-20240925	B15749	0.188	ND	0.275	ND	0.275	ND	0.275	ND	0.243	ND
BCKSP-15-S-20240925	C00762	1.480		1.000		2.840		1.010		4.580	
BCKSP-16-S-20240925	B16988	1.600		1.220		3.040		1.100		4.700	
BCKSP-1-S-20241009	C43278	1.320		0.921	J	3.400	P	1.310	Pc	4.840	
BCKSP-2-S-20241009	C40548	1.780		1.410		4.980	P	1.780	Pc	7.770	
BCKSP-3-S-20241009	B15144	1.850		1.910		5.380	P	2.040	Pc	8.660	
BCKSP-4-S-20241009	B20977	1.450		1.250		3.730	P	1.430	Pc	6.310	
BCKSP-5-S-20241009	B43930	1.950		1.580		4.930	P	1.880	Pc	8.840	
BCKSP-5-D-20241009	B48134	2.230		1.540		5.050	P	1.920	Pc	8.640	
BCKSP-5-B-20241009	C01353	0.190	ND	0.276	ND	0.276	ND,P	0.276	ND,Pc	0.245	ND
BCKSP-6-S-20241009	B19770	3.490		2.390		8.830	P	3.350	Pc	15.300	

SOUTH PORTLAND TERMINAL FENCELINE MONITORING - SUMMARY

Flags:	E	Concentration exceeds the calibration range. The analyte result is an estimated value
	I	Internal Standard recovery is outside acceptance limits
	ND	The analyte was not present above the Method Detection Limit
	J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
	P	Field duplicate(s) exceed 30%RPD
	Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit
	B	Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
	Fe	Field Error. See complete lab report narrative for details

Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
BCKSP-7-S-20241009	C01496	5.930		4.450		16.200	P	6.130	Pc	28.100	
BCKSP-8-S-20241009	B28960	10.500		6.650		21.100	P	7.770	Pc	45.600	
BCKSP-9-S-20241009	B42760	10.000		4.700		13.700	P	4.830	Pc	37.300	
BCKSP-10-S-20241009	C33473	8.360		3.370		9.740	P	3.370	Pc	27.900	
BCKSP-11-S-20241009	C01376	4.800		2.210		5.420	P	2.000	Pc	15.800	
BCKSP-12-S-20241009	C37926	4.330		2.420		7.520	P	2.760	Pc	15.700	
BCKSP-13-S-20241009	C53687	2.840		1.540		4.700	P	1.620	Pc	10.400	
BCKSP-14-S-20241009	C43681	1.330		0.937	J	3.720	P	1.380	Pc	4.940	
BCKSP-14-D-20241009	B52762	1.320		0.746	J	1.870	P	0.667	J,Pc	4.760	
BCKSP-14-B-20241009	C32949	0.190	ND	0.276	ND	0.276	ND,P	0.276	ND,Pc	0.245	ND
BCKSP-15-S-20241009	C16102	1.230		1.070	J	2.420	P	0.856	J,Pc	4.830	
BCKSP-16-S-20241009	C40663	1.190		1.060	J	4.050	P	1.460	Pc	5.030	
BCKSP-1-S-20241023	C43569	0.986		0.804	Pc	2.790	P	0.999	Pc	6.190	
BCKSP-2-S-20241023	C01514	0.987		0.924	Pc	2.390	P	0.917	Pc	5.370	
BCKSP-3-S-20241023	C17257	1.200		1.080	Pc	2.940	P	1.080	Pc	6.230	
BCKSP-4-S-20241023	C40190	1.140		0.746	Pc	2.330	P	0.819	Pc	5.640	
BCKSP-5-S-20241023	B43095	2.020		0.806	Pc	1.190	P	0.496	J,Pc	10.700	
BCKSP-5-D-20241023	C40559	1.850		1.180	Pc	3.180	P	1.150	Pc	8.510	
BCKSP-5-B-20241023	C43661	0.190	ND	0.277	ND,Pc	0.277	ND,P	0.277	ND,Pc	0.245	ND
BCKSP-6-S-20241023	B49577	2.920		2.370	Pc	9.360	P	3.480	Pc	13.200	
BCKSP-7-S-20241023	C33016	3.790		2.660	Pc	6.510	P	2.280	Pc	19.000	
BCKSP-8-S-20241023	C00665	6.360		3.630	Pc	12.000	P	4.260	Pc	28.500	
BCKSP-9-S-20241023	C31392	6.770		3.370	Pc	10.600	P	3.900	Pc	26.700	
BCKSP-10-S-20241023	C01853	5.270		2.920	Pc	9.690	P	3.650	Pc	23.300	
BCKSP-11-S-20241023	C34142	2.910		1.920	Pc	6.630	P	2.290	Pc	13.800	
BCKSP-12-S-20241023	C39264	3.090		1.850	Pc	6.130	P	2.110	Pc	13.700	
BCKSP-13-S-20241023	C37420	2.660		1.880	Pc	5.930	P	2.160	Pc	12.100	
BCKSP-14-S-20241023	C43641	0.922		0.835	Pc	2.940	P	1.190	Pc	4.820	

SOUTH PORTLAND TERMINAL FENCELINE MONITORING - SUMMARY

Flags:	E	Concentration exceeds the calibration range. The analyte result is an estimated value
	I	Internal Standard recovery is outside acceptance limits
	ND	The analyte was not present above the Method Detection Limit
	J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
	P	Field duplicate(s) exceed 30%RPD
	Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit
	B	Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
	Fe	Field Error. See complete lab report narrative for details

Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
BCKSP-14-D-20241023	B47158	1.060		0.622	Pc	2.170	P	0.879	Pc	4.220	
BCKSP-14-B-20241023	B40439	0.190	ND	0.277	ND,Pc	0.277	ND,P	0.277	ND,Pc	0.245	ND
BCKSP-15-S-20241023	C33519	1.020		0.929	Pc	2.050	P	0.873	Pc	4.840	
BCKSP-16-S-20241023	C43690	1.140		0.399	J,Pc	0.548	J,P	0.277	ND,Pc	6.720	
BCKSP-1-S-20241106	B34800	1.350		2.170		8.260		3.050		21.800	
BCKSP-2-S-20241106	B21034	1.000		1.200		4.150		1.330		15.200	B
BCKSP-3-S-20241106	B20972	1.130		1.880		6.690		2.530		21.500	
BCKSP-4-S-20241106	B27344	1.350		1.940		7.000		2.450		22.600	
BCKSP-5-S-20241106	C53730	1.420		1.870		7.090		2.470		21.700	
BCKSP-5-D-20241106	B47903	1.720		2.060		7.680		2.720		29.400	
BCKSP-5-B-20241106	B38565	0.507		0.395	J	0.881		0.308	J	5.740	
BCKSP-6-S-20241106	C36993	2.420		2.330		8.720		3.210		26.500	
BCKSP-7-S-20241106	B27852	3.290		2.190		7.850		2.710		27.000	
BCKSP-8-S-20241106	B47897	6.330		4.080		15.900		5.420		38.400	
BCKSP-9-S-20241106	C35833	7.590		4.570		17.700		6.240		59.200	
BCKSP-10-S-20241106	B19712	7.420		5.290		19.900		7.160		49.200	
BCKSP-11-S-20241106	C37031	4.500		4.030		14.400		4.860		38.600	
BCKSP-12-S-20241106	B19814	3.470		2.780		10.200		3.730		27.900	
BCKSP-13-S-20241106	B19990	2.510		3.470		12.800		4.610		32.300	
BCKSP-14-S-20241106	C53665	1.090		2.160		8.570		3.190		21.400	
BCKSP-14-D-20241106	B21079	1.090		2.220		8.100		2.850		27.000	
BCKSP-14-B-20241106	C38860	0.300	J	0.281	J	0.358	J	0.279	ND	3.550	
BCKSP-15-S-20241106	B52746	1.160		1.820		6.710		2.390		20.700	
BCKSP-16-S-20241106	B29923	1.130		1.150		3.350		1.270		18.000	
BCKSP-1-S-20241120	C32943	1.170		0.987		3.350		1.220		3.940	
BCKSP-2-S-20241120	B50622	1.300		0.996		3.250		1.140		4.140	
BCKSP-3-S-20241120	C36899	1.470		1.310		3.880		1.330		4.630	
BCKSP-4-S-20241120	B37607	1.310		0.903		2.860		1.050		3.950	

SOUTH PORTLAND TERMINAL FENCELINE MONITORING - SUMMARY

Flags:	E	Concentration exceeds the calibration range. The analyte result is an estimated value
	I	Internal Standard recovery is outside acceptance limits
	ND	The analyte was not present above the Method Detection Limit
	J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
	P	Field duplicate(s) exceed 30%RPD
	Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit
	B	Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
	Fe	Field Error. See complete lab report narrative for details

Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
BCKSP-5-S-20241120	C35814	1.140		0.739		2.660		0.946		3.630	
BCKSP-5-D-20241120	B21461	1.280		0.707		2.310		0.862		3.680	
BCKSP-5-B-20241120	B37422	0.193	ND	0.281	ND	0.281	ND	0.281	ND	0.549	
BCKSP-6-S-20241120	B27847	1.750		1.340		4.150		1.480		6.260	
BCKSP-7-S-20241120	B46975	3.650		2.100		7.620		2.580		13.200	
BCKSP-8-S-20241120	B21005	5.400		3.280		11.800		4.170		21.200	
BCKSP-9-S-20241120	C35886	6.230		3.070		12.100		3.870		24.200	
BCKSP-10-S-20241120	B34921	5.540		3.180		11.000		3.490		21.900	
BCKSP-11-S-20241120	B18386	2.790		1.710		5.420		1.760		10.700	
BCKSP-12-S-20241120	B50585	2.530		1.650		4.970		1.670		9.740	
BCKSP-13-S-20241120	B34578	2.100		1.430		4.320		1.400		7.350	
BCKSP-14-S-20241120	C00634	1.310		0.670		2.190		0.759		4.000	
BCKSP-14-D-20241120	B14114	1.430		0.556	J	1.760		0.613		3.360	
BCKSP-14-B-20241120	B48633	0.193	ND	0.281	ND	0.281	ND	0.281	ND	0.249	ND
BCKSP-15-S-20241120	B18510	1.620	Fe	0.935	Fe	3.070	Fe	1.000	Fe	13.600	Fe
BCKSP-16-S-20241120	B20913	1.290		0.890		2.630		0.852		4.030	
BCKSP-1-S-20241204	C56808	1.480		0.933		3.000		1.120	J	8.170	B,P
BCKSP-2-S-20241204	C56875	1.540		1.120		3.580		1.270		5.590	B,P
BCKSP-3-S-20241204	C00680	1.760		1.430		3.840		1.340		9.180	P
BCKSP-4-S-20241204	B50576	1.710		1.240		3.830		1.400		15.100	P
BCKSP-5-S-20241204	C00665	1.910		1.090		3.250		1.170		7.000	B,P
BCKSP-5-D-20241204	C01311	2.200		1.310		3.800		1.380		16.700	P
BCKSP-5-B-20241204	C56832	0.194	ND	0.282	ND	0.282	ND	0.282	ND	0.249	ND,P
BCKSP-6-S-20241204	C40563	2.240		1.600		4.840		1.770		17.100	P
BCKSP-7-S-20241204	B50870	3.700		2.460		7.080		2.520		24.100	P
BCKSP-8-S-20241204	B27870	5.260		3.510		10.900		4.020		38.500	P
BCKSP-9-S-20241204	C40528	5.500		3.220		10.200		3.670		36.100	P
BCKSP-10-S-20241204	B19802	4.000		2.750		8.060		2.840		41.900	P

SOUTH PORTLAND TERMINAL FENCELINE MONITORING - SUMMARY

Flags:		
	E	Concentration exceeds the calibration range. The analyte result is an estimated value
	I	Internal Standard recovery is outside acceptance limits
	ND	The analyte was not present above the Method Detection Limit
	J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
	P	Field duplicate(s) exceed 30%RPD
	Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit
	B	Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
	Fe	Field Error. See complete lab report narrative for details

Sample Code	**Tube ID**	**Benzene**		**Ethylbenzene**		**m-/p-Xylene**		**o-Xylene**		**Toluene**	
		(ug/m³)	**Flag**	**(ug/m³)**	**Flag**	**(ug/m³)**	**Flag**	**(ug/m³)**	**Flag**	**(ug/m³)**	**Flag**
BCKSP-11-S-20241204	C40190	2.800		1.860		5.400		1.910		56.400	P
BCKSP-12-S-20241204	C33484	2.630		1.740		5.440		1.940		38.300	P
BCKSP-13-S-20241204	C40654	2.470		1.630		5.340		1.890		22.400	P
BCKSP-14-S-20241204	C43661	1.610		1.020		3.230		1.160		19.300	P
BCKSP-14-D-20241204	B44221	1.750		0.862		2.770		0.979	J	6.420	B,P
BCKSP-14-B-20241204	B34036	0.193	ND	0.282	ND	0.282	ND	0.282	ND	2.790	P
BCKSP-15-S-20241204	C01610	1.980		0.989		2.610		0.938	J	8.110	B,P
BCKSP-16-S-20241204	C36881	1.690		0.860		2.480		0.923	J	9.320	P
Quarter 4, 2024 Maximum		10.50		6.65		21.10		7.77		59.20	
Quarter 4, 2024 Average		3.07		1.99		6.57		2.34		16.86	
Rolling Annual Maximum [1]		10.70		6.65		21.10		7.77		59.20	
Rolling Annual Average [2]		-		-		-		-		-	

[1] Rolling Annual Maximum based on Quarter 3 and Quarter 4, 2024 data only.

[2] Rolling Annual Average will be populated when four quarters of data have been collected.

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-1-S-20240925	1	Benzene	Sample	1.48	ug/m3	0.189	ug/m3		Y	9/25/2024	10:00	10/9/2024	10:30
BCKSP-1-S-20240925	1	Ethylbenzene	Sample	1.32	ug/m3	0.275	ug/m3		Y	9/25/2024	10:00	10/9/2024	10:30
BCKSP-1-S-20240925	1	m-/p-Xylene	Sample	2.36	ug/m3	0.275	ug/m3		Y	9/25/2024	10:00	10/9/2024	10:30
BCKSP-1-S-20240925	1	o-Xylene	Sample	0.81	ug/m3	0.275	ug/m3		Y	9/25/2024	10:00	10/9/2024	10:30
BCKSP-1-S-20240925	1	Toluene	Sample	4.24	ug/m3	0.243	ug/m3		Y	9/25/2024	10:00	10/9/2024	10:30
BCKSP-2-S-20240925	2	Benzene	Sample	1.96	ug/m3	0.189	ug/m3		Y	9/25/2024	10:05	10/9/2024	10:35
BCKSP-2-S-20240925	2	Ethylbenzene	Sample	1.32	ug/m3	0.275	ug/m3		Y	9/25/2024	10:05	10/9/2024	10:35
BCKSP-2-S-20240925	2	m-/p-Xylene	Sample	3.78	ug/m3	0.275	ug/m3		Y	9/25/2024	10:05	10/9/2024	10:35
BCKSP-2-S-20240925	2	o-Xylene	Sample	1.36	ug/m3	0.275	ug/m3		Y	9/25/2024	10:05	10/9/2024	10:35
BCKSP-2-S-20240925	2	Toluene	Sample	6.47	ug/m3	0.243	ug/m3		Y	9/25/2024	10:05	10/9/2024	10:35
BCKSP-3-S-20240925	3	Benzene	Sample	2.79	ug/m3	0.189	ug/m3		Y	9/25/2024	10:12	10/9/2024	10:40
BCKSP-3-S-20240925	3	Ethylbenzene	Sample	1.73	ug/m3	0.275	ug/m3		Y	9/25/2024	10:12	10/9/2024	10:40
BCKSP-3-S-20240925	3	m-/p-Xylene	Sample	5.42	ug/m3	0.275	ug/m3		Y	9/25/2024	10:12	10/9/2024	10:40
BCKSP-3-S-20240925	3	o-Xylene	Sample	1.97	ug/m3	0.275	ug/m3		Y	9/25/2024	10:12	10/9/2024	10:40
BCKSP-3-S-20240925	3	Toluene	Sample	9.82	ug/m3	0.243	ug/m3		Y	9/25/2024	10:12	10/9/2024	10:40
BCKSP-4-S-20240925	4	Benzene	Sample	2.74	ug/m3	0.189	ug/m3		Y	9/25/2024	10:18	10/9/2024	10:45
BCKSP-4-S-20240925	4	Ethylbenzene	Sample	1.63	ug/m3	0.275	ug/m3		Y	9/25/2024	10:18	10/9/2024	10:45
BCKSP-4-S-20240925	4	m-/p-Xylene	Sample	5.08	ug/m3	0.275	ug/m3		Y	9/25/2024	10:18	10/9/2024	10:45
BCKSP-4-S-20240925	4	o-Xylene	Sample	1.9	ug/m3	0.275	ug/m3		Y	9/25/2024	10:18	10/9/2024	10:45
BCKSP-4-S-20240925	4	Toluene	Sample	10.3	ug/m3	0.243	ug/m3		Y	9/25/2024	10:18	10/9/2024	10:45
BCKSP-5-S-20240925	5	Benzene	Sample	2.86	ug/m3	0.189	ug/m3		Y	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-S-20240925	5	Ethylbenzene	Sample	1.59	ug/m3	0.275	ug/m3		Y	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-S-20240925	5	m-/p-Xylene	Sample	6.15	ug/m3	0.275	ug/m3		Y	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-S-20240925	5	o-Xylene	Sample	2.1	ug/m3	0.275	ug/m3		Y	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-S-20240925	5	Toluene	Sample	10.9	ug/m3	0.243	ug/m3		Y	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-D-20240925	5	Benzene	Duplicate	2.8	ug/m3	0.189	ug/m3		Y	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-D-20240925	5	Ethylbenzene	Duplicate	1.56	ug/m3	0.275	ug/m3		Y	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-D-20240925	5	m-/p-Xylene	Duplicate	5.28	ug/m3	0.275	ug/m3		Y	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-D-20240925	5	o-Xylene	Duplicate	1.87	ug/m3	0.275	ug/m3		Y	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-D-20240925	5	Toluene	Duplicate	10.6	ug/m3	0.243	ug/m3		Y	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-B-20240925	5	Benzene	Blank	<0.189	ug/m3	0.189	ug/m3	ND	N	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-B-20240925	5	Ethylbenzene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	9/25/2024	10:25	10/9/2024	10:50

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-5-B-20240925	5	m-/p-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-B-20240925	5	o-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	9/25/2024	10:25	10/9/2024	10:50
BCKSP-5-B-20240925	5	Toluene	Blank	<0.243	ug/m3	0.243	ug/m3	ND	N	9/25/2024	10:25	10/9/2024	10:50
BCKSP-6-S-20240925	6	Benzene	Sample	3.9	ug/m3	0.189	ug/m3		Y	9/25/2024	10:30	10/9/2024	11:00
BCKSP-6-S-20240925	6	Ethylbenzene	Sample	2.03	ug/m3	0.275	ug/m3		Y	9/25/2024	10:30	10/9/2024	11:00
BCKSP-6-S-20240925	6	m-/p-Xylene	Sample	7.48	ug/m3	0.275	ug/m3		Y	9/25/2024	10:30	10/9/2024	11:00
BCKSP-6-S-20240925	6	o-Xylene	Sample	2.57	ug/m3	0.275	ug/m3		Y	9/25/2024	10:30	10/9/2024	11:00
BCKSP-6-S-20240925	6	Toluene	Sample	14.7	ug/m3	0.243	ug/m3		Y	9/25/2024	10:30	10/9/2024	11:00
BCKSP-7-S-20240925	7	Benzene	Sample	4.56	ug/m3	0.189	ug/m3		Y	9/25/2024	10:35	10/9/2024	11:05
BCKSP-7-S-20240925	7	Ethylbenzene	Sample	2.41	ug/m3	0.275	ug/m3		Y	9/25/2024	10:35	10/9/2024	11:05
BCKSP-7-S-20240925	7	m-/p-Xylene	Sample	8.27	ug/m3	0.275	ug/m3		Y	9/25/2024	10:35	10/9/2024	11:05
BCKSP-7-S-20240925	7	o-Xylene	Sample	2.89	ug/m3	0.275	ug/m3		Y	9/25/2024	10:35	10/9/2024	11:05
BCKSP-7-S-20240925	7	Toluene	Sample	16.9	ug/m3	0.243	ug/m3		Y	9/25/2024	10:35	10/9/2024	11:05
BCKSP-8-S-20240925	8	Benzene	Sample	7.16	ug/m3	0.189	ug/m3		Y	9/25/2024	10:40	10/9/2024	11:10
BCKSP-8-S-20240925	8	Ethylbenzene	Sample	3.96	ug/m3	0.275	ug/m3		Y	9/25/2024	10:40	10/9/2024	11:10
BCKSP-8-S-20240925	8	m-/p-Xylene	Sample	13.4	ug/m3	0.275	ug/m3		Y	9/25/2024	10:40	10/9/2024	11:10
BCKSP-8-S-20240925	8	o-Xylene	Sample	4.49	ug/m3	0.275	ug/m3		Y	9/25/2024	10:40	10/9/2024	11:10
BCKSP-8-S-20240925	8	Toluene	Sample	26.8	ug/m3	0.243	ug/m3		Y	9/25/2024	10:40	10/9/2024	11:10
BCKSP-9-S-20240925	9	Benzene	Sample	7.43	ug/m3	0.189	ug/m3		Y	9/25/2024	10:45	10/9/2024	11:15
BCKSP-9-S-20240925	9	Ethylbenzene	Sample	2.87	ug/m3	0.275	ug/m3		Y	9/25/2024	10:45	10/9/2024	11:15
BCKSP-9-S-20240925	9	m-/p-Xylene	Sample	10.2	ug/m3	0.275	ug/m3		Y	9/25/2024	10:45	10/9/2024	11:15
BCKSP-9-S-20240925	9	o-Xylene	Sample	3.5	ug/m3	0.275	ug/m3		Y	9/25/2024	10:45	10/9/2024	11:15
BCKSP-9-S-20240925	9	Toluene	Sample	22.2	ug/m3	0.243	ug/m3		Y	9/25/2024	10:45	10/9/2024	11:15
BCKSP-10-S-20240925	10	Benzene	Sample	7.7	ug/m3	0.189	ug/m3		Y	9/25/2024	10:50	10/9/2024	11:20
BCKSP-10-S-20240925	10	Ethylbenzene	Sample	3.05	ug/m3	0.275	ug/m3		Y	9/25/2024	10:50	10/9/2024	11:20
BCKSP-10-S-20240925	10	m-/p-Xylene	Sample	11.4	ug/m3	0.275	ug/m3		Y	9/25/2024	10:50	10/9/2024	11:20
BCKSP-10-S-20240925	10	o-Xylene	Sample	3.81	ug/m3	0.275	ug/m3		Y	9/25/2024	10:50	10/9/2024	11:20
BCKSP-10-S-20240925	10	Toluene	Sample	23.1	ug/m3	0.243	ug/m3		Y	9/25/2024	10:50	10/9/2024	11:20
BCKSP-11-S-20240925	11	Benzene	Sample	3.62	ug/m3	0.188	ug/m3		Y	9/25/2024	10:55	10/9/2024	11:30
BCKSP-11-S-20240925	11	Ethylbenzene	Sample	1.61	ug/m3	0.275	ug/m3		Y	9/25/2024	10:55	10/9/2024	11:30
BCKSP-11-S-20240925	11	m-/p-Xylene	Sample	5.31	ug/m3	0.275	ug/m3		Y	9/25/2024	10:55	10/9/2024	11:30
BCKSP-11-S-20240925	11	o-Xylene	Sample	1.81	ug/m3	0.275	ug/m3		Y	9/25/2024	10:55	10/9/2024	11:30

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-11-S-20240925	11	Toluene	Sample	10.5	ug/m3	0.243	ug/m3		Y	9/25/2024	10:55	10/9/2024	11:30
BCKSP-12-S-20240925	12	Benzene	Sample	4.29	ug/m3	0.188	ug/m3		Y	9/25/2024	11:00	10/9/2024	11:35
BCKSP-12-S-20240925	12	Ethylbenzene	Sample	1.65	ug/m3	0.275	ug/m3		Y	9/25/2024	11:00	10/9/2024	11:35
BCKSP-12-S-20240925	12	m-/p-Xylene	Sample	5.69	ug/m3	0.275	ug/m3		Y	9/25/2024	11:00	10/9/2024	11:35
BCKSP-12-S-20240925	12	o-Xylene	Sample	1.91	ug/m3	0.275	ug/m3		Y	9/25/2024	11:00	10/9/2024	11:35
BCKSP-12-S-20240925	12	Toluene	Sample	12.5	ug/m3	0.243	ug/m3		Y	9/25/2024	11:00	10/9/2024	11:35
BCKSP-13-S-20240925	13	Benzene	Sample	4	ug/m3	0.188	ug/m3		Y	9/25/2024	11:05	10/9/2024	11:40
BCKSP-13-S-20240925	13	Ethylbenzene	Sample	1.71	ug/m3	0.275	ug/m3		Y	9/25/2024	11:05	10/9/2024	11:40
BCKSP-13-S-20240925	13	m-/p-Xylene	Sample	5.61	ug/m3	0.275	ug/m3		Y	9/25/2024	11:05	10/9/2024	11:40
BCKSP-13-S-20240925	13	o-Xylene	Sample	2.05	ug/m3	0.275	ug/m3		Y	9/25/2024	11:05	10/9/2024	11:40
BCKSP-13-S-20240925	13	Toluene	Sample	12.3	ug/m3	0.243	ug/m3		Y	9/25/2024	11:05	10/9/2024	11:40
BCKSP-14-S-20240925	14	Benzene	Sample	1.9	ug/m3	0.188	ug/m3		Y	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-S-20240925	14	Ethylbenzene	Sample	1.21	ug/m3	0.275	ug/m3		Y	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-S-20240925	14	m-/p-Xylene	Sample	3.43	ug/m3	0.275	ug/m3		Y	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-S-20240925	14	o-Xylene	Sample	1.2	ug/m3	0.275	ug/m3		Y	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-S-20240925	14	Toluene	Sample	5.78	ug/m3	0.243	ug/m3		Y	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-D-20240925	14	Benzene	Duplicate	2	ug/m3	0.188	ug/m3		Y	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-D-20240925	14	Ethylbenzene	Duplicate	1.15	ug/m3	0.275	ug/m3		Y	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-D-20240925	14	m-/p-Xylene	Duplicate	3.47	ug/m3	0.275	ug/m3		Y	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-D-20240925	14	o-Xylene	Duplicate	1.29	ug/m3	0.275	ug/m3		Y	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-D-20240925	14	Toluene	Duplicate	6.09	ug/m3	0.243	ug/m3		Y	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-B-20240925	14	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-B-20240925	14	Ethylbenzene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-B-20240925	14	m-/p-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-B-20240925	14	o-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	9/25/2024	11:10	10/9/2024	11:45
BCKSP-14-B-20240925	14	Toluene	Blank	<0.243	ug/m3	0.243	ug/m3	ND	N	9/25/2024	11:10	10/9/2024	11:45
BCKSP-15-S-20240925	15	Benzene	Sample	1.48	ug/m3	0.189	ug/m3		Y	9/25/2024	11:20	10/9/2024	11:50
BCKSP-15-S-20240925	15	Ethylbenzene	Sample	1	ug/m3	0.275	ug/m3		Y	9/25/2024	11:20	10/9/2024	11:50
BCKSP-15-S-20240925	15	m-/p-Xylene	Sample	2.84	ug/m3	0.275	ug/m3		Y	9/25/2024	11:20	10/9/2024	11:50
BCKSP-15-S-20240925	15	o-Xylene	Sample	1.01	ug/m3	0.275	ug/m3		Y	9/25/2024	11:20	10/9/2024	11:50
BCKSP-15-S-20240925	15	Toluene	Sample	4.58	ug/m3	0.243	ug/m3		Y	9/25/2024	11:20	10/9/2024	11:50
BCKSP-16-S-20240925	16	Benzene	Sample	1.6	ug/m3	0.188	ug/m3		Y	9/25/2024	11:25	10/9/2024	12:00

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-16-S-20240925	16	Ethylbenzene	Sample	1.22	ug/m3	0.275	ug/m3		Y	9/25/2024	11:25	10/9/2024	12:00
BCKSP-16-S-20240925	16	m-/p-Xylene	Sample	3.04	ug/m3	0.275	ug/m3		Y	9/25/2024	11:25	10/9/2024	12:00
BCKSP-16-S-20240925	16	o-Xylene	Sample	1.1	ug/m3	0.275	ug/m3		Y	9/25/2024	11:25	10/9/2024	12:00
BCKSP-16-S-20240925	16	Toluene	Sample	4.7	ug/m3	0.243	ug/m3		Y	9/25/2024	11:25	10/9/2024	12:00
BCKSP-1-S-20241009	1	Benzene	Sample	1.32	ug/m3	0.19	ug/m3		Y	10/9/2024	10:30	10/23/2024	11:00
BCKSP-1-S-20241009	1	Ethylbenzene	Sample	0.921	ug/m3	0.276	ug/m3	J	Y	10/9/2024	10:30	10/23/2024	11:00
BCKSP-1-S-20241009	1	m-/p-Xylenes	Sample	3.4	ug/m3	0.276	ug/m3	P	Y	10/9/2024	10:30	10/23/2024	11:00
BCKSP-1-S-20241009	1	o-Xylene	Sample	1.31	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	10:30	10/23/2024	11:00
BCKSP-1-S-20241009	1	Toluene	Sample	4.84	ug/m3	0.245	ug/m3		Y	10/9/2024	10:30	10/23/2024	11:00
BCKSP-2-S-20241009	2	Benzene	Sample	1.78	ug/m3	0.19	ug/m3		Y	10/9/2024	10:35	10/23/2024	11:05
BCKSP-2-S-20241009	2	Ethylbenzene	Sample	1.41	ug/m3	0.276	ug/m3		Y	10/9/2024	10:35	10/23/2024	11:05
BCKSP-2-S-20241009	2	m-/p-Xylenes	Sample	4.98	ug/m3	0.276	ug/m3	P	Y	10/9/2024	10:35	10/23/2024	11:05
BCKSP-2-S-20241009	2	o-Xylene	Sample	1.78	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	10:35	10/23/2024	11:05
BCKSP-2-S-20241009	2	Toluene	Sample	7.77	ug/m3	0.245	ug/m3		Y	10/9/2024	10:35	10/23/2024	11:05
BCKSP-3-S-20241009	3	Benzene	Sample	1.85	ug/m3	0.19	ug/m3		Y	10/9/2024	10:40	10/23/2024	11:10
BCKSP-3-S-20241009	3	Ethylbenzene	Sample	1.91	ug/m3	0.276	ug/m3		Y	10/9/2024	10:40	10/23/2024	11:10
BCKSP-3-S-20241009	3	m-/p-Xylenes	Sample	5.38	ug/m3	0.276	ug/m3	P	Y	10/9/2024	10:40	10/23/2024	11:10
BCKSP-3-S-20241009	3	o-Xylene	Sample	2.04	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	10:40	10/23/2024	11:10
BCKSP-3-S-20241009	3	Toluene	Sample	8.66	ug/m3	0.245	ug/m3		Y	10/9/2024	10:40	10/23/2024	11:10
BCKSP-4-S-20241009	4	Benzene	Sample	1.45	ug/m3	0.19	ug/m3		Y	10/9/2024	10:45	10/23/2024	11:15
BCKSP-4-S-20241009	4	Ethylbenzene	Sample	1.25	ug/m3	0.276	ug/m3		Y	10/9/2024	10:45	10/23/2024	11:15
BCKSP-4-S-20241009	4	m-/p-Xylenes	Sample	3.73	ug/m3	0.276	ug/m3	P	Y	10/9/2024	10:45	10/23/2024	11:15
BCKSP-4-S-20241009	4	o-Xylene	Sample	1.43	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	10:45	10/23/2024	11:15
BCKSP-4-S-20241009	4	Toluene	Sample	6.31	ug/m3	0.245	ug/m3		Y	10/9/2024	10:45	10/23/2024	11:15
BCKSP-5-S-20241009	5	Benzene	Sample	1.95	ug/m3	0.19	ug/m3		Y	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-S-20241009	5	Ethylbenzene	Sample	1.58	ug/m3	0.276	ug/m3		Y	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-S-20241009	5	m-/p-Xylenes	Sample	4.93	ug/m3	0.276	ug/m3	P	Y	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-S-20241009	5	o-Xylene	Sample	1.88	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-S-20241009	5	Toluene	Sample	8.84	ug/m3	0.245	ug/m3		Y	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-D-20241009	5	Benzene	Duplicate	2.23	ug/m3	0.19	ug/m3		Y	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-D-20241009	5	Ethylbenzene	Duplicate	1.54	ug/m3	0.276	ug/m3		Y	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-D-20241009	5	m-/p-Xylenes	Duplicate	5.05	ug/m3	0.276	ug/m3	P	Y	10/9/2024	10:50	10/23/2024	11:20

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-5-D-20241009	5	o-Xylene	Duplicate	1.92	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-D-20241009	5	Toluene	Duplicate	8.64	ug/m3	0.245	ug/m3		Y	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-B-20241009	5	Benzene	Blank	<0.19	ug/m3	0.19	ug/m3	ND	N	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-B-20241009	5	Ethylbenzene	Blank	<0.276	ug/m3	0.276	ug/m3	ND	N	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-B-20241009	5	m-/p-Xylenes	Blank	<0.276	ug/m3	0.276	ug/m3	ND,P	N	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-B-20241009	5	o-Xylene	Blank	<0.276	ug/m3	0.276	ug/m3	ND,Pc	N	10/9/2024	10:50	10/23/2024	11:20
BCKSP-5-B-20241009	5	Toluene	Blank	<0.245	ug/m3	0.245	ug/m3	ND	N	10/9/2024	10:50	10/23/2024	11:20
BCKSP-6-S-20241009	6	Benzene	Sample	3.49	ug/m3	0.19	ug/m3		Y	10/9/2024	11:00	10/23/2024	11:30
BCKSP-6-S-20241009	6	Ethylbenzene	Sample	2.39	ug/m3	0.276	ug/m3		Y	10/9/2024	11:00	10/23/2024	11:30
BCKSP-6-S-20241009	6	m-/p-Xylenes	Sample	8.83	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:00	10/23/2024	11:30
BCKSP-6-S-20241009	6	o-Xylene	Sample	3.35	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	11:00	10/23/2024	11:30
BCKSP-6-S-20241009	6	Toluene	Sample	15.3	ug/m3	0.245	ug/m3		Y	10/9/2024	11:00	10/23/2024	11:30
BCKSP-7-S-20241009	7	Benzene	Sample	5.93	ug/m3	0.19	ug/m3		Y	10/9/2024	11:05	10/23/2024	11:35
BCKSP-7-S-20241009	7	Ethylbenzene	Sample	4.45	ug/m3	0.276	ug/m3		Y	10/9/2024	11:05	10/23/2024	11:35
BCKSP-7-S-20241009	7	m-/p-Xylenes	Sample	16.2	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:05	10/23/2024	11:35
BCKSP-7-S-20241009	7	o-Xylene	Sample	6.13	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	11:05	10/23/2024	11:35
BCKSP-7-S-20241009	7	Toluene	Sample	28.1	ug/m3	0.245	ug/m3		Y	10/9/2024	11:05	10/23/2024	11:35
BCKSP-8-S-20241009	8	Benzene	Sample	10.5	ug/m3	0.19	ug/m3		Y	10/9/2024	11:10	10/23/2024	11:40
BCKSP-8-S-20241009	8	Ethylbenzene	Sample	6.65	ug/m3	0.276	ug/m3		Y	10/9/2024	11:10	10/23/2024	11:40
BCKSP-8-S-20241009	8	m-/p-Xylenes	Sample	21.1	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:10	10/23/2024	11:40
BCKSP-8-S-20241009	8	o-Xylene	Sample	7.77	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	11:10	10/23/2024	11:40
BCKSP-8-S-20241009	8	Toluene	Sample	45.6	ug/m3	0.245	ug/m3		Y	10/9/2024	11:10	10/23/2024	11:40
BCKSP-9-S-20241009	9	Benzene	Sample	10	ug/m3	0.19	ug/m3		Y	10/9/2024	11:15	10/23/2024	11:45
BCKSP-9-S-20241009	9	Ethylbenzene	Sample	4.7	ug/m3	0.276	ug/m3		Y	10/9/2024	11:15	10/23/2024	11:45
BCKSP-9-S-20241009	9	m-/p-Xylenes	Sample	13.7	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:15	10/23/2024	11:45
BCKSP-9-S-20241009	9	o-Xylene	Sample	4.83	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	11:15	10/23/2024	11:45
BCKSP-9-S-20241009	9	Toluene	Sample	37.3	ug/m3	0.245	ug/m3		Y	10/9/2024	11:15	10/23/2024	11:45
BCKSP-10-S-20241009	10	Benzene	Sample	8.36	ug/m3	0.19	ug/m3		Y	10/9/2024	11:20	10/23/2024	11:50
BCKSP-10-S-20241009	10	Ethylbenzene	Sample	3.37	ug/m3	0.276	ug/m3		Y	10/9/2024	11:20	10/23/2024	11:50
BCKSP-10-S-20241009	10	m-/p-Xylenes	Sample	9.74	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:20	10/23/2024	11:50
BCKSP-10-S-20241009	10	o-Xylene	Sample	3.37	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	11:20	10/23/2024	11:50
BCKSP-10-S-20241009	10	Toluene	Sample	27.9	ug/m3	0.245	ug/m3		Y	10/9/2024	11:20	10/23/2024	11:50

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-11-S-20241009	11	Benzene	Sample	4.8	ug/m3	0.19	ug/m3		Y	10/9/2024	11:30	10/23/2024	12:00
BCKSP-11-S-20241009	11	Ethylbenzene	Sample	2.21	ug/m3	0.276	ug/m3		Y	10/9/2024	11:30	10/23/2024	12:00
BCKSP-11-S-20241009	11	m-/p-Xylenes	Sample	5.42	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:30	10/23/2024	12:00
BCKSP-11-S-20241009	11	o-Xylene	Sample	2	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	11:30	10/23/2024	12:00
BCKSP-11-S-20241009	11	Toluene	Sample	15.8	ug/m3	0.245	ug/m3		Y	10/9/2024	11:30	10/23/2024	12:00
BCKSP-12-S-20241009	12	Benzene	Sample	4.33	ug/m3	0.19	ug/m3		Y	10/9/2024	11:35	10/23/2024	12:05
BCKSP-12-S-20241009	12	Ethylbenzene	Sample	2.42	ug/m3	0.276	ug/m3		Y	10/9/2024	11:35	10/23/2024	12:05
BCKSP-12-S-20241009	12	m-/p-Xylenes	Sample	7.52	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:35	10/23/2024	12:05
BCKSP-12-S-20241009	12	o-Xylene	Sample	2.76	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	11:35	10/23/2024	12:05
BCKSP-12-S-20241009	12	Toluene	Sample	15.7	ug/m3	0.245	ug/m3		Y	10/9/2024	11:35	10/23/2024	12:05
BCKSP-13-S-20241009	13	Benzene	Sample	2.84	ug/m3	0.19	ug/m3		Y	10/9/2024	11:40	10/23/2024	12:10
BCKSP-13-S-20241009	13	Ethylbenzene	Sample	1.54	ug/m3	0.276	ug/m3		Y	10/9/2024	11:40	10/23/2024	12:10
BCKSP-13-S-20241009	13	m-/p-Xylenes	Sample	4.7	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:40	10/23/2024	12:10
BCKSP-13-S-20241009	13	o-Xylene	Sample	1.62	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	11:40	10/23/2024	12:10
BCKSP-13-S-20241009	13	Toluene	Sample	10.4	ug/m3	0.245	ug/m3		Y	10/9/2024	11:40	10/23/2024	12:10
BCKSP-14-S-20241009	14	Benzene	Sample	1.33	ug/m3	0.19	ug/m3		Y	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-S-20241009	14	Ethylbenzene	Sample	0.937	ug/m3	0.276	ug/m3	J	Y	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-S-20241009	14	m-/p-Xylenes	Sample	3.72	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-S-20241009	14	o-Xylene	Sample	1.38	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-S-20241009	14	Toluene	Sample	4.94	ug/m3	0.245	ug/m3		Y	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-D-20241009	14	Benzene	Duplicate	1.32	ug/m3	0.19	ug/m3		Y	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-D-20241009	14	Ethylbenzene	Duplicate	0.746	ug/m3	0.276	ug/m3	J	Y	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-D-20241009	14	m-/p-Xylenes	Duplicate	1.87	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-D-20241009	14	o-Xylene	Duplicate	0.667	ug/m3	0.276	ug/m3	J,Pc	Y	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-D-20241009	14	Toluene	Duplicate	4.76	ug/m3	0.245	ug/m3		Y	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-B-20241009	14	Benzene	Blank	<0.19	ug/m3	0.19	ug/m3	ND	N	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-B-20241009	14	Ethylbenzene	Blank	<0.276	ug/m3	0.276	ug/m3	ND	N	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-B-20241009	14	m-/p-Xylenes	Blank	<0.276	ug/m3	0.276	ug/m3	ND,P	N	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-B-20241009	14	o-Xylene	Blank	<0.276	ug/m3	0.276	ug/m3	ND,Pc	N	10/9/2024	11:45	10/23/2024	12:15
BCKSP-14-B-20241009	14	Toluene	Blank	<0.245	ug/m3	0.245	ug/m3	ND	N	10/9/2024	11:45	10/23/2024	12:15
BCKSP-15-S-20241009	15	Benzene	Sample	1.23	ug/m3	0.19	ug/m3		Y	10/9/2024	11:50	10/23/2024	12:25
BCKSP-15-S-20241009	15	Ethylbenzene	Sample	1.07	ug/m3	0.276	ug/m3	J	Y	10/9/2024	11:50	10/23/2024	12:25

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-15-S-20241009	15	m-/p-Xylenes	Sample	2.42	ug/m3	0.276	ug/m3	P	Y	10/9/2024	11:50	10/23/2024	12:25
BCKSP-15-S-20241009	15	o-Xylene	Sample	0.856	ug/m3	0.276	ug/m3	J,Pc	Y	10/9/2024	11:50	10/23/2024	12:25
BCKSP-15-S-20241009	15	Toluene	Sample	4.83	ug/m3	0.245	ug/m3		Y	10/9/2024	11:50	10/23/2024	12:25
BCKSP-16-S-20241009	16	Benzene	Sample	1.19	ug/m3	0.19	ug/m3		Y	10/9/2024	12:00	10/23/2024	12:30
BCKSP-16-S-20241009	16	Ethylbenzene	Sample	1.06	ug/m3	0.276	ug/m3	J	Y	10/9/2024	12:00	10/23/2024	12:30
BCKSP-16-S-20241009	16	m-/p-Xylenes	Sample	4.05	ug/m3	0.276	ug/m3	P	Y	10/9/2024	12:00	10/23/2024	12:30
BCKSP-16-S-20241009	16	o-Xylene	Sample	1.46	ug/m3	0.276	ug/m3	Pc	Y	10/9/2024	12:00	10/23/2024	12:30
BCKSP-16-S-20241009	16	Toluene	Sample	5.03	ug/m3	0.245	ug/m3		Y	10/9/2024	12:00	10/23/2024	12:30
BCKSP-1-S-20241023	1	Benzene	Sample	0.986	ug/m3	0.19	ug/m3		Y	10/23/2024	11:00	11/6/2024	10:30
BCKSP-1-S-20241023	1	Ethylbenzene	Sample	0.804	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:00	11/6/2024	10:30
BCKSP-1-S-20241023	1	Toluene	Sample	6.19	ug/m3	0.245	ug/m3		Y	10/23/2024	11:00	11/6/2024	10:30
BCKSP-1-S-20241023	1	m-/p-Xylene	Sample	2.79	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:00	11/6/2024	10:30
BCKSP-1-S-20241023	1	o-Xylene	Sample	0.999	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:00	11/6/2024	10:30
BCKSP-2-S-20241023	2	Benzene	Sample	0.987	ug/m3	0.19	ug/m3		Y	10/23/2024	11:05	11/6/2024	10:35
BCKSP-2-S-20241023	2	Ethylbenzene	Sample	0.924	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:05	11/6/2024	10:35
BCKSP-2-S-20241023	2	Toluene	Sample	5.37	ug/m3	0.245	ug/m3		Y	10/23/2024	11:05	11/6/2024	10:35
BCKSP-2-S-20241023	2	m-/p-Xylene	Sample	2.39	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:05	11/6/2024	10:35
BCKSP-2-S-20241023	2	o-Xylene	Sample	0.917	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:05	11/6/2024	10:35
BCKSP-3-S-20241023	3	Benzene	Sample	1.2	ug/m3	0.19	ug/m3		Y	10/23/2024	11:10	11/6/2024	10:40
BCKSP-3-S-20241023	3	Ethylbenzene	Sample	1.08	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:10	11/6/2024	10:40
BCKSP-3-S-20241023	3	Toluene	Sample	6.23	ug/m3	0.245	ug/m3		Y	10/23/2024	11:10	11/6/2024	10:40
BCKSP-3-S-20241023	3	m-/p-Xylene	Sample	2.94	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:10	11/6/2024	10:40
BCKSP-3-S-20241023	3	o-Xylene	Sample	1.08	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:10	11/6/2024	10:40
BCKSP-4-S-20241023	4	Benzene	Sample	1.14	ug/m3	0.19	ug/m3		Y	10/23/2024	11:15	11/6/2024	10:45
BCKSP-4-S-20241023	4	Ethylbenzene	Sample	0.746	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:15	11/6/2024	10:45
BCKSP-4-S-20241023	4	Toluene	Sample	5.64	ug/m3	0.245	ug/m3		Y	10/23/2024	11:15	11/6/2024	10:45
BCKSP-4-S-20241023	4	m-/p-Xylene	Sample	2.33	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:15	11/6/2024	10:45
BCKSP-4-S-20241023	4	o-Xylene	Sample	0.819	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:15	11/6/2024	10:45
BCKSP-5-S-20241023	5	Benzene	Sample	2.02	ug/m3	0.19	ug/m3		Y	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-S-20241023	5	Ethylbenzene	Sample	0.806	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-S-20241023	5	Toluene	Sample	10.7	ug/m3	0.245	ug/m3		Y	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-S-20241023	5	m-/p-Xylene	Sample	1.19	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:20	11/6/2024	10:50

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-5-S-20241023	5	o-Xylene	Sample	0.496	ug/m3	0.277	ug/m3	J,Pc	Y	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-D-20241023	5	Benzene	Duplicate	1.85	ug/m3	0.19	ug/m3		Y	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-D-20241023	5	Ethylbenzene	Duplicate	1.18	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-D-20241023	5	Toluene	Duplicate	8.51	ug/m3	0.245	ug/m3		Y	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-D-20241023	5	m-/p-Xylene	Duplicate	3.18	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-D-20241023	5	o-Xylene	Duplicate	1.15	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-B-20241023	5	Benzene	Blank	<0.19	ug/m3	0.19	ug/m3	ND	N	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-B-20241023	5	Ethylbenzene	Blank	<0.277	ug/m3	0.277	ug/m3	ND,Pc	N	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-B-20241023	5	Toluene	Blank	<0.245	ug/m3	0.245	ug/m3	ND	N	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-B-20241023	5	m-/p-Xylene	Blank	<0.277	ug/m3	0.277	ug/m3	ND,P	N	10/23/2024	11:20	11/6/2024	10:50
BCKSP-5-B-20241023	5	o-Xylene	Blank	<0.277	ug/m3	0.277	ug/m3	ND,Pc	N	10/23/2024	11:20	11/6/2024	10:50
BCKSP-6-S-20241023	6	Benzene	Sample	2.92	ug/m3	0.19	ug/m3		Y	10/23/2024	11:30	11/6/2024	11:00
BCKSP-6-S-20241023	6	Ethylbenzene	Sample	2.37	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:30	11/6/2024	11:00
BCKSP-6-S-20241023	6	Toluene	Sample	13.2	ug/m3	0.245	ug/m3		Y	10/23/2024	11:30	11/6/2024	11:00
BCKSP-6-S-20241023	6	m-/p-Xylene	Sample	9.36	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:30	11/6/2024	11:00
BCKSP-6-S-20241023	6	o-Xylene	Sample	3.48	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:30	11/6/2024	11:00
BCKSP-7-S-20241023	7	Benzene	Sample	3.79	ug/m3	0.19	ug/m3		Y	10/23/2024	11:35	11/6/2024	11:05
BCKSP-7-S-20241023	7	Ethylbenzene	Sample	2.66	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:35	11/6/2024	11:05
BCKSP-7-S-20241023	7	Toluene	Sample	19	ug/m3	0.245	ug/m3		Y	10/23/2024	11:35	11/6/2024	11:05
BCKSP-7-S-20241023	7	m-/p-Xylene	Sample	6.51	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:35	11/6/2024	11:05
BCKSP-7-S-20241023	7	o-Xylene	Sample	2.28	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:35	11/6/2024	11:05
BCKSP-8-S-20241023	8	Benzene	Sample	6.36	ug/m3	0.19	ug/m3		Y	10/23/2024	11:40	11/6/2024	11:10
BCKSP-8-S-20241023	8	Ethylbenzene	Sample	3.63	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:40	11/6/2024	11:10
BCKSP-8-S-20241023	8	Toluene	Sample	28.5	ug/m3	0.245	ug/m3		Y	10/23/2024	11:40	11/6/2024	11:10
BCKSP-8-S-20241023	8	m-/p-Xylene	Sample	12	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:40	11/6/2024	11:10
BCKSP-8-S-20241023	8	o-Xylene	Sample	4.26	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:40	11/6/2024	11:10
BCKSP-9-S-20241023	9	Benzene	Sample	6.77	ug/m3	0.19	ug/m3		Y	10/23/2024	11:45	11/6/2024	11:15
BCKSP-9-S-20241023	9	Ethylbenzene	Sample	3.37	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:45	11/6/2024	11:15
BCKSP-9-S-20241023	9	Toluene	Sample	26.7	ug/m3	0.245	ug/m3		Y	10/23/2024	11:45	11/6/2024	11:15
BCKSP-9-S-20241023	9	m-/p-Xylene	Sample	10.6	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:45	11/6/2024	11:15
BCKSP-9-S-20241023	9	o-Xylene	Sample	3.9	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:45	11/6/2024	11:15
BCKSP-10-S-20241023	10	Benzene	Sample	5.27	ug/m3	0.19	ug/m3		Y	10/23/2024	11:50	11/6/2024	11:20

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-10-S-20241023	10	Ethylbenzene	Sample	2.92	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:50	11/6/2024	11:20
BCKSP-10-S-20241023	10	Toluene	Sample	23.3	ug/m3	0.245	ug/m3		Y	10/23/2024	11:50	11/6/2024	11:20
BCKSP-10-S-20241023	10	m-/p-Xylene	Sample	9.69	ug/m3	0.277	ug/m3	P	Y	10/23/2024	11:50	11/6/2024	11:20
BCKSP-10-S-20241023	10	o-Xylene	Sample	3.65	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	11:50	11/6/2024	11:20
BCKSP-11-S-20241023	11	Benzene	Sample	2.91	ug/m3	0.19	ug/m3		Y	10/23/2024	12:00	11/6/2024	11:30
BCKSP-11-S-20241023	11	Ethylbenzene	Sample	1.92	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:00	11/6/2024	11:30
BCKSP-11-S-20241023	11	Toluene	Sample	13.8	ug/m3	0.245	ug/m3		Y	10/23/2024	12:00	11/6/2024	11:30
BCKSP-11-S-20241023	11	m-/p-Xylene	Sample	6.63	ug/m3	0.277	ug/m3	P	Y	10/23/2024	12:00	11/6/2024	11:30
BCKSP-11-S-20241023	11	o-Xylene	Sample	2.29	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:00	11/6/2024	11:30
BCKSP-12-S-20241023	12	Benzene	Sample	3.09	ug/m3	0.19	ug/m3		Y	10/23/2024	12:05	11/6/2024	11:35
BCKSP-12-S-20241023	12	Ethylbenzene	Sample	1.85	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:05	11/6/2024	11:35
BCKSP-12-S-20241023	12	Toluene	Sample	13.7	ug/m3	0.245	ug/m3		Y	10/23/2024	12:05	11/6/2024	11:35
BCKSP-12-S-20241023	12	m-/p-Xylene	Sample	6.13	ug/m3	0.277	ug/m3	P	Y	10/23/2024	12:05	11/6/2024	11:35
BCKSP-12-S-20241023	12	o-Xylene	Sample	2.11	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:05	11/6/2024	11:35
BCKSP-13-S-20241023	13	Benzene	Sample	2.66	ug/m3	0.19	ug/m3		Y	10/23/2024	12:10	11/6/2024	11:40
BCKSP-13-S-20241023	13	Ethylbenzene	Sample	1.88	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:10	11/6/2024	11:40
BCKSP-13-S-20241023	13	Toluene	Sample	12.1	ug/m3	0.245	ug/m3		Y	10/23/2024	12:10	11/6/2024	11:40
BCKSP-13-S-20241023	13	m-/p-Xylene	Sample	5.93	ug/m3	0.277	ug/m3	P	Y	10/23/2024	12:10	11/6/2024	11:40
BCKSP-13-S-20241023	13	o-Xylene	Sample	2.16	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:10	11/6/2024	11:40
BCKSP-14-S-20241023	14	Benzene	Sample	0.922	ug/m3	0.19	ug/m3		Y	10/23/2024	12:15	11/6/2024	11:45
BCKSP-14-S-20241023	14	Ethylbenzene	Sample	0.835	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:15	11/6/2024	11:45
BCKSP-14-S-20241023	14	Toluene	Sample	4.82	ug/m3	0.245	ug/m3		Y	10/23/2024	12:15	11/6/2024	11:45
BCKSP-14-S-20241023	14	m-/p-Xylene	Sample	2.94	ug/m3	0.277	ug/m3	P	Y	10/23/2024	12:15	11/6/2024	11:45
BCKSP-14-S-20241023	14	o-Xylene	Sample	1.19	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:15	11/6/2024	11:45
BCKSP-14-D-20241023	14	Benzene	Duplicate	1.06	ug/m3	0.19	ug/m3		Y	10/23/2024	12:15	11/6/2024	11:50
BCKSP-14-D-20241023	14	Ethylbenzene	Duplicate	0.622	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:15	11/6/2024	11:50
BCKSP-14-D-20241023	14	Toluene	Duplicate	4.22	ug/m3	0.245	ug/m3		Y	10/23/2024	12:15	11/6/2024	11:50
BCKSP-14-D-20241023	14	m-/p-Xylene	Duplicate	2.17	ug/m3	0.277	ug/m3	P	Y	10/23/2024	12:15	11/6/2024	11:50
BCKSP-14-D-20241023	14	o-Xylene	Duplicate	0.879	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:15	11/6/2024	11:50
BCKSP-14-B-20241023	14	Benzene	Blank	<0.19	ug/m3	0.19	ug/m3	ND	N	10/23/2024	12:15	11/6/2024	12:00
BCKSP-14-B-20241023	14	Ethylbenzene	Blank	<0.277	ug/m3	0.277	ug/m3	ND,Pc	N	10/23/2024	12:15	11/6/2024	12:00
BCKSP-14-B-20241023	14	Toluene	Blank	<0.245	ug/m3	0.245	ug/m3	ND	N	10/23/2024	12:15	11/6/2024	12:00

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-14-B-20241023	14	m-/p-Xylene	Blank	<0.277	ug/m3	0.277	ug/m3	ND,P	N	10/23/2024	12:15	11/6/2024	12:00
BCKSP-14-B-20241023	14	o-Xylene	Blank	<0.277	ug/m3	0.277	ug/m3	ND,Pc	N	10/23/2024	12:15	11/6/2024	12:00
BCKSP-15-S-20241023	15	Benzene	Sample	1.02	ug/m3	0.19	ug/m3		Y	10/23/2024	12:25	11/6/2024	12:05
BCKSP-15-S-20241023	15	Ethylbenzene	Sample	0.929	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:25	11/6/2024	12:05
BCKSP-15-S-20241023	15	Toluene	Sample	4.84	ug/m3	0.245	ug/m3		Y	10/23/2024	12:25	11/6/2024	12:05
BCKSP-15-S-20241023	15	m-/p-Xylene	Sample	2.05	ug/m3	0.277	ug/m3	P	Y	10/23/2024	12:25	11/6/2024	12:05
BCKSP-15-S-20241023	15	o-Xylene	Sample	0.873	ug/m3	0.277	ug/m3	Pc	Y	10/23/2024	12:25	11/6/2024	12:05
BCKSP-16-S-20241023	16	Benzene	Sample	1.14	ug/m3	0.19	ug/m3		Y	10/23/2024	12:30	11/6/2024	12:10
BCKSP-16-S-20241023	16	Ethylbenzene	Sample	0.399	ug/m3	0.277	ug/m3	J,Pc	Y	10/23/2024	12:30	11/6/2024	12:10
BCKSP-16-S-20241023	16	o-Xylene	Sample	<0.277	ug/m3	0.277	ug/m3	ND,Pc	N	10/23/2024	12:30	11/6/2024	12:10
BCKSP-16-S-20241023	16	Toluene	Sample	6.72	ug/m3	0.245	ug/m3		Y	10/23/2024	12:30	11/6/2024	12:10
BCKSP-16-S-20241023	16	m-/p-Xylene	Sample	0.548	ug/m3	0.277	ug/m3	J,P	Y	10/23/2024	12:30	11/6/2024	12:10
BCKSP-1-S-20241106	1	Benzene	Sample	1.35	ug/m3	0.191	ug/m3		Y	11/6/2024	10:30	11/20/2024	10:15
BCKSP-1-S-20241106	1	Ethylbenzene	Sample	2.17	ug/m3	0.279	ug/m3		Y	11/6/2024	10:30	11/20/2024	10:15
BCKSP-1-S-20241106	1	m-/p-Xylenes	Sample	8.26	ug/m3	0.279	ug/m3		Y	11/6/2024	10:30	11/20/2024	10:15
BCKSP-1-S-20241106	1	o-Xylene	Sample	3.05	ug/m3	0.279	ug/m3		Y	11/6/2024	10:30	11/20/2024	10:15
BCKSP-1-S-20241106	1	Toluene	Sample	21.8	ug/m3	0.247	ug/m3		Y	11/6/2024	10:30	11/20/2024	10:15
BCKSP-2-S-20241106	2	Benzene	Sample	1	ug/m3	0.191	ug/m3		Y	11/6/2024	10:35	11/20/2024	10:20
BCKSP-2-S-20241106	2	Ethylbenzene	Sample	1.2	ug/m3	0.279	ug/m3		Y	11/6/2024	10:35	11/20/2024	10:20
BCKSP-2-S-20241106	2	m-/p-Xylenes	Sample	4.15	ug/m3	0.279	ug/m3		Y	11/6/2024	10:35	11/20/2024	10:20
BCKSP-2-S-20241106	2	o-Xylene	Sample	1.33	ug/m3	0.279	ug/m3		Y	11/6/2024	10:35	11/20/2024	10:20
BCKSP-2-S-20241106	2	Toluene	Sample	15.2	ug/m3	0.247	ug/m3	B	Y	11/6/2024	10:35	11/20/2024	10:20
BCKSP-3-S-20241106	3	Benzene	Sample	1.13	ug/m3	0.191	ug/m3		Y	11/6/2024	10:40	11/20/2024	10:25
BCKSP-3-S-20241106	3	Ethylbenzene	Sample	1.88	ug/m3	0.279	ug/m3		Y	11/6/2024	10:40	11/20/2024	10:25
BCKSP-3-S-20241106	3	m-/p-Xylenes	Sample	6.69	ug/m3	0.279	ug/m3		Y	11/6/2024	10:40	11/20/2024	10:25
BCKSP-3-S-20241106	3	o-Xylene	Sample	2.53	ug/m3	0.279	ug/m3		Y	11/6/2024	10:40	11/20/2024	10:25
BCKSP-3-S-20241106	3	Toluene	Sample	21.5	ug/m3	0.247	ug/m3		Y	11/6/2024	10:40	11/20/2024	10:25
BCKSP-4-S-20241106	4	Benzene	Sample	1.35	ug/m3	0.191	ug/m3		Y	11/6/2024	10:45	11/20/2024	10:30
BCKSP-4-S-20241106	4	Ethylbenzene	Sample	1.94	ug/m3	0.279	ug/m3		Y	11/6/2024	10:45	11/20/2024	10:30
BCKSP-4-S-20241106	4	m-/p-Xylenes	Sample	7	ug/m3	0.279	ug/m3		Y	11/6/2024	10:45	11/20/2024	10:30
BCKSP-4-S-20241106	4	o-Xylene	Sample	2.45	ug/m3	0.279	ug/m3		Y	11/6/2024	10:45	11/20/2024	10:30
BCKSP-4-S-20241106	4	Toluene	Sample	22.6	ug/m3	0.247	ug/m3		Y	11/6/2024	10:45	11/20/2024	10:30

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-5-S-20241106	5	Benzene	Sample	1.42	ug/m3	0.191	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-S-20241106	5	Ethylbenzene	Sample	1.87	ug/m3	0.279	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-S-20241106	5	m-/p-Xylenes	Sample	7.09	ug/m3	0.279	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-S-20241106	5	o-Xylene	Sample	2.47	ug/m3	0.279	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-S-20241106	5	Toluene	Sample	21.7	ug/m3	0.247	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-D-20241106	5	Benzene	Duplicate	1.72	ug/m3	0.191	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-D-20241106	5	Ethylbenzene	Duplicate	2.06	ug/m3	0.279	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-D-20241106	5	m-/p-Xylenes	Duplicate	7.68	ug/m3	0.279	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-D-20241106	5	o-Xylene	Duplicate	2.72	ug/m3	0.279	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-D-20241106	5	Toluene	Duplicate	29.4	ug/m3	0.247	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-B-20241106	5	Benzene	Blank	0.507	ug/m3	0.191	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-B-20241106	5	Ethylbenzene	Blank	0.395	ug/m3	0.279	ug/m3	J	Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-B-20241106	5	m-/p-Xylenes	Blank	0.881	ug/m3	0.279	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-B-20241106	5	o-Xylene	Blank	0.308	ug/m3	0.279	ug/m3	J	Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-5-B-20241106	5	Toluene	Blank	5.74	ug/m3	0.247	ug/m3		Y	11/6/2024	10:50	11/20/2024	10:35
BCKSP-6-S-20241106	6	Benzene	Sample	2.42	ug/m3	0.191	ug/m3		Y	11/6/2024	11:00	11/20/2024	10:45
BCKSP-6-S-20241106	6	Ethylbenzene	Sample	2.33	ug/m3	0.279	ug/m3		Y	11/6/2024	11:00	11/20/2024	10:45
BCKSP-6-S-20241106	6	m-/p-Xylenes	Sample	8.72	ug/m3	0.279	ug/m3		Y	11/6/2024	11:00	11/20/2024	10:45
BCKSP-6-S-20241106	6	o-Xylene	Sample	3.21	ug/m3	0.279	ug/m3		Y	11/6/2024	11:00	11/20/2024	10:45
BCKSP-6-S-20241106	6	Toluene	Sample	26.5	ug/m3	0.247	ug/m3		Y	11/6/2024	11:00	11/20/2024	10:45
BCKSP-7-S-20241106	7	Benzene	Sample	3.29	ug/m3	0.191	ug/m3		Y	11/6/2024	11:05	11/20/2024	10:50
BCKSP-7-S-20241106	7	Ethylbenzene	Sample	2.19	ug/m3	0.279	ug/m3		Y	11/6/2024	11:05	11/20/2024	10:50
BCKSP-7-S-20241106	7	m-/p-Xylenes	Sample	7.85	ug/m3	0.279	ug/m3		Y	11/6/2024	11:05	11/20/2024	10:50
BCKSP-7-S-20241106	7	o-Xylene	Sample	2.71	ug/m3	0.279	ug/m3		Y	11/6/2024	11:05	11/20/2024	10:50
BCKSP-7-S-20241106	7	Toluene	Sample	27	ug/m3	0.247	ug/m3		Y	11/6/2024	11:05	11/20/2024	10:50
BCKSP-8-S-20241106	8	Benzene	Sample	6.33	ug/m3	0.191	ug/m3		Y	11/6/2024	11:10	11/20/2024	10:55
BCKSP-8-S-20241106	8	Ethylbenzene	Sample	4.08	ug/m3	0.279	ug/m3		Y	11/6/2024	11:10	11/20/2024	10:55
BCKSP-8-S-20241106	8	m-/p-Xylenes	Sample	15.9	ug/m3	0.279	ug/m3		Y	11/6/2024	11:10	11/20/2024	10:55
BCKSP-8-S-20241106	8	o-Xylene	Sample	5.42	ug/m3	0.279	ug/m3		Y	11/6/2024	11:10	11/20/2024	10:55
BCKSP-8-S-20241106	8	Toluene	Sample	38.4	ug/m3	0.247	ug/m3		Y	11/6/2024	11:10	11/20/2024	10:55
BCKSP-9-S-20241106	9	Benzene	Sample	7.59	ug/m3	0.191	ug/m3		Y	11/6/2024	11:15	11/20/2024	11:00
BCKSP-9-S-20241106	9	Ethylbenzene	Sample	4.57	ug/m3	0.279	ug/m3		Y	11/6/2024	11:15	11/20/2024	11:00

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-9-S-20241106	9	m-/p-Xylenes	Sample	17.7	ug/m3	0.279	ug/m3		Y	11/6/2024	11:15	11/20/2024	11:00
BCKSP-9-S-20241106	9	o-Xylene	Sample	6.24	ug/m3	0.279	ug/m3		Y	11/6/2024	11:15	11/20/2024	11:00
BCKSP-9-S-20241106	9	Toluene	Sample	59.2	ug/m3	0.247	ug/m3		Y	11/6/2024	11:15	11/20/2024	11:00
BCKSP-10-S-20241106	10	Benzene	Sample	7.42	ug/m3	0.191	ug/m3		Y	11/6/2024	11:20	11/20/2024	11:05
BCKSP-10-S-20241106	10	Ethylbenzene	Sample	5.29	ug/m3	0.279	ug/m3		Y	11/6/2024	11:20	11/20/2024	11:05
BCKSP-10-S-20241106	10	m-/p-Xylenes	Sample	19.9	ug/m3	0.279	ug/m3		Y	11/6/2024	11:20	11/20/2024	11:05
BCKSP-10-S-20241106	10	o-Xylene	Sample	7.16	ug/m3	0.279	ug/m3		Y	11/6/2024	11:20	11/20/2024	11:05
BCKSP-10-S-20241106	10	Toluene	Sample	49.2	ug/m3	0.247	ug/m3		Y	11/6/2024	11:20	11/20/2024	11:05
BCKSP-11-S-20241106	11	Benzene	Sample	4.5	ug/m3	0.191	ug/m3		Y	11/6/2024	11:30	11/20/2024	11:10
BCKSP-11-S-20241106	11	Ethylbenzene	Sample	4.03	ug/m3	0.279	ug/m3		Y	11/6/2024	11:30	11/20/2024	11:10
BCKSP-11-S-20241106	11	m-/p-Xylenes	Sample	14.4	ug/m3	0.279	ug/m3		Y	11/6/2024	11:30	11/20/2024	11:10
BCKSP-11-S-20241106	11	o-Xylene	Sample	4.86	ug/m3	0.279	ug/m3		Y	11/6/2024	11:30	11/20/2024	11:10
BCKSP-11-S-20241106	11	Toluene	Sample	38.6	ug/m3	0.247	ug/m3		Y	11/6/2024	11:30	11/20/2024	11:10
BCKSP-12-S-20241106	12	Benzene	Sample	3.47	ug/m3	0.191	ug/m3		Y	11/6/2024	11:35	11/20/2024	11:15
BCKSP-12-S-20241106	12	Ethylbenzene	Sample	2.78	ug/m3	0.279	ug/m3		Y	11/6/2024	11:35	11/20/2024	11:15
BCKSP-12-S-20241106	12	m-/p-Xylenes	Sample	10.2	ug/m3	0.279	ug/m3		Y	11/6/2024	11:35	11/20/2024	11:15
BCKSP-12-S-20241106	12	o-Xylene	Sample	3.73	ug/m3	0.279	ug/m3		Y	11/6/2024	11:35	11/20/2024	11:15
BCKSP-12-S-20241106	12	Toluene	Sample	27.9	ug/m3	0.247	ug/m3		Y	11/6/2024	11:35	11/20/2024	11:15
BCKSP-13-S-20241106	13	Benzene	Sample	2.51	ug/m3	0.191	ug/m3		Y	11/6/2024	11:40	11/20/2024	11:20
BCKSP-13-S-20241106	13	Ethylbenzene	Sample	3.47	ug/m3	0.279	ug/m3		Y	11/6/2024	11:40	11/20/2024	11:20
BCKSP-13-S-20241106	13	m-/p-Xylenes	Sample	12.8	ug/m3	0.279	ug/m3		Y	11/6/2024	11:40	11/20/2024	11:20
BCKSP-13-S-20241106	13	o-Xylene	Sample	4.61	ug/m3	0.279	ug/m3		Y	11/6/2024	11:40	11/20/2024	11:20
BCKSP-13-S-20241106	13	Toluene	Sample	32.3	ug/m3	0.247	ug/m3		Y	11/6/2024	11:40	11/20/2024	11:20
BCKSP-14-S-20241106	14	Benzene	Sample	1.09	ug/m3	0.191	ug/m3		Y	11/6/2024	11:45	11/20/2024	11:25
BCKSP-14-S-20241106	14	Ethylbenzene	Sample	2.16	ug/m3	0.279	ug/m3		Y	11/6/2024	11:45	11/20/2024	11:25
BCKSP-14-S-20241106	14	m-/p-Xylenes	Sample	8.57	ug/m3	0.279	ug/m3		Y	11/6/2024	11:45	11/20/2024	11:25
BCKSP-14-S-20241106	14	o-Xylene	Sample	3.19	ug/m3	0.279	ug/m3		Y	11/6/2024	11:45	11/20/2024	11:25
BCKSP-14-S-20241106	14	Toluene	Sample	21.4	ug/m3	0.247	ug/m3		Y	11/6/2024	11:45	11/20/2024	11:25
BCKSP-14-D-20241106	14	Benzene	Duplicate	1.09	ug/m3	0.191	ug/m3		Y	11/6/2024	11:50	11/20/2024	11:25
BCKSP-14-D-20241106	14	Ethylbenzene	Duplicate	2.22	ug/m3	0.279	ug/m3		Y	11/6/2024	11:50	11/20/2024	11:25
BCKSP-14-D-20241106	14	m-/p-Xylenes	Duplicate	8.1	ug/m3	0.279	ug/m3		Y	11/6/2024	11:50	11/20/2024	11:25
BCKSP-14-D-20241106	14	o-Xylene	Duplicate	2.85	ug/m3	0.279	ug/m3		Y	11/6/2024	11:50	11/20/2024	11:25

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-14-D-20241106	14	Toluene	Duplicate	27	ug/m3	0.247	ug/m3		Y	11/6/2024	11:50	11/20/2024	11:25
BCKSP-14-B-20241106	14	Benzene	Blank	0.3	ug/m3	0.192	ug/m3	J	Y	11/6/2024	12:00	11/20/2024	11:25
BCKSP-14-B-20241106	14	Ethylbenzene	Blank	0.281	ug/m3	0.279	ug/m3	J	Y	11/6/2024	12:00	11/20/2024	11:25
BCKSP-14-B-20241106	14	m-/p-Xylenes	Blank	0.358	ug/m3	0.279	ug/m3	J	Y	11/6/2024	12:00	11/20/2024	11:25
BCKSP-14-B-20241106	14	o-Xylene	Blank	<0.279	ug/m3	0.279	ug/m3	ND	N	11/6/2024	12:00	11/20/2024	11:25
BCKSP-14-B-20241106	14	Toluene	Blank	3.55	ug/m3	0.247	ug/m3		Y	11/6/2024	12:00	11/20/2024	11:25
BCKSP-15-S-20241106	15	Benzene	Sample	1.16	ug/m3	0.192	ug/m3		Y	11/6/2024	12:05	11/20/2024	11:30
BCKSP-15-S-20241106	15	Ethylbenzene	Sample	1.82	ug/m3	0.279	ug/m3		Y	11/6/2024	12:05	11/20/2024	11:30
BCKSP-15-S-20241106	15	m-/p-Xylenes	Sample	6.71	ug/m3	0.279	ug/m3		Y	11/6/2024	12:05	11/20/2024	11:30
BCKSP-15-S-20241106	15	o-Xylene	Sample	2.39	ug/m3	0.279	ug/m3		Y	11/6/2024	12:05	11/20/2024	11:30
BCKSP-15-S-20241106	15	Toluene	Sample	20.7	ug/m3	0.247	ug/m3		Y	11/6/2024	12:05	11/20/2024	11:30
BCKSP-16-S-20241106	16	Benzene	Sample	1.13	ug/m3	0.192	ug/m3		Y	11/6/2024	12:10	11/20/2024	11:35
BCKSP-16-S-20241106	16	Ethylbenzene	Sample	1.15	ug/m3	0.279	ug/m3		Y	11/6/2024	12:10	11/20/2024	11:35
BCKSP-16-S-20241106	16	m-/p-Xylenes	Sample	3.35	ug/m3	0.279	ug/m3		Y	11/6/2024	12:10	11/20/2024	11:35
BCKSP-16-S-20241106	16	o-Xylene	Sample	1.27	ug/m3	0.279	ug/m3		Y	11/6/2024	12:10	11/20/2024	11:35
BCKSP-16-S-20241106	16	Toluene	Sample	18	ug/m3	0.247	ug/m3		Y	11/6/2024	12:10	11/20/2024	11:35
BCKSP-1-S-20241120	1	Benzene	Sample	1.17	ug/m3	0.193	ug/m3		Y	11/20/2024	10:15	12/4/2024	09:30
BCKSP-1-S-20241120	1	Ethylbenzene	Sample	0.987	ug/m3	0.281	ug/m3		Y	11/20/2024	10:15	12/4/2024	09:30
BCKSP-1-S-20241120	1	m-/p-Xylenes	Sample	3.35	ug/m3	0.281	ug/m3		Y	11/20/2024	10:15	12/4/2024	09:30
BCKSP-1-S-20241120	1	o-Xylene	Sample	1.22	ug/m3	0.281	ug/m3		Y	11/20/2024	10:15	12/4/2024	09:30
BCKSP-1-S-20241120	1	Toluene	Sample	3.94	ug/m3	0.249	ug/m3		Y	11/20/2024	10:15	12/4/2024	09:30
BCKSP-2-S-20241120	2	Benzene	Sample	1.3	ug/m3	0.193	ug/m3		Y	11/20/2024	10:20	12/4/2024	09:35
BCKSP-2-S-20241120	2	Ethylbenzene	Sample	0.996	ug/m3	0.281	ug/m3		Y	11/20/2024	10:20	12/4/2024	09:35
BCKSP-2-S-20241120	2	m-/p-Xylenes	Sample	3.25	ug/m3	0.281	ug/m3		Y	11/20/2024	10:20	12/4/2024	09:35
BCKSP-2-S-20241120	2	o-Xylene	Sample	1.14	ug/m3	0.281	ug/m3		Y	11/20/2024	10:20	12/4/2024	09:35
BCKSP-2-S-20241120	2	Toluene	Sample	4.14	ug/m3	0.249	ug/m3		Y	11/20/2024	10:20	12/4/2024	09:35
BCKSP-3-S-20241120	3	Benzene	Sample	1.47	ug/m3	0.193	ug/m3		Y	11/20/2024	10:25	12/4/2024	09:40
BCKSP-3-S-20241120	3	Ethylbenzene	Sample	1.31	ug/m3	0.281	ug/m3		Y	11/20/2024	10:25	12/4/2024	09:40
BCKSP-3-S-20241120	3	m-/p-Xylenes	Sample	3.88	ug/m3	0.281	ug/m3		Y	11/20/2024	10:25	12/4/2024	09:40
BCKSP-3-S-20241120	3	o-Xylene	Sample	1.33	ug/m3	0.281	ug/m3		Y	11/20/2024	10:25	12/4/2024	09:40
BCKSP-3-S-20241120	3	Toluene	Sample	4.63	ug/m3	0.249	ug/m3		Y	11/20/2024	10:25	12/4/2024	09:40
BCKSP-4-S-20241120	4	Benzene	Sample	1.31	ug/m3	0.193	ug/m3		Y	11/20/2024	10:30	12/4/2024	09:45

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-4-S-20241120	4	Ethylbenzene	Sample	0.903	ug/m3	0.281	ug/m3		Y	11/20/2024	10:30	12/4/2024	09:45
BCKSP-4-S-20241120	4	m-/p-Xylenes	Sample	2.86	ug/m3	0.281	ug/m3		Y	11/20/2024	10:30	12/4/2024	09:45
BCKSP-4-S-20241120	4	o-Xylene	Sample	1.05	ug/m3	0.281	ug/m3		Y	11/20/2024	10:30	12/4/2024	09:45
BCKSP-4-S-20241120	4	Toluene	Sample	3.95	ug/m3	0.249	ug/m3		Y	11/20/2024	10:30	12/4/2024	09:45
BCKSP-5-S-20241120	5	Benzene	Sample	1.14	ug/m3	0.193	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-S-20241120	5	Ethylbenzene	Sample	0.739	ug/m3	0.281	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-S-20241120	5	m-/p-Xylenes	Sample	2.66	ug/m3	0.281	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-S-20241120	5	o-Xylene	Sample	0.946	ug/m3	0.281	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-S-20241120	5	Toluene	Sample	3.63	ug/m3	0.249	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-D-20241120	5	Benzene	Duplicate	1.28	ug/m3	0.193	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-D-20241120	5	Ethylbenzene	Duplicate	0.707	ug/m3	0.281	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-D-20241120	5	m-/p-Xylenes	Duplicate	2.31	ug/m3	0.281	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-D-20241120	5	o-Xylene	Duplicate	0.862	ug/m3	0.281	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-D-20241120	5	Toluene	Duplicate	3.68	ug/m3	0.249	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-B-20241120	5	Benzene	Blank	<0.193	ug/m3	0.193	ug/m3	ND	N	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-B-20241120	5	Ethylbenzene	Blank	<0.281	ug/m3	0.281	ug/m3	ND	N	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-B-20241120	5	m-/p-Xylenes	Blank	<0.281	ug/m3	0.281	ug/m3	ND	N	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-B-20241120	5	o-Xylene	Blank	<0.281	ug/m3	0.281	ug/m3	ND	N	11/20/2024	10:35	12/4/2024	09:50
BCKSP-5-B-20241120	5	Toluene	Blank	0.549	ug/m3	0.249	ug/m3		Y	11/20/2024	10:35	12/4/2024	09:50
BCKSP-6-S-20241120	6	Benzene	Sample	1.75	ug/m3	0.193	ug/m3		Y	11/20/2024	10:45	12/4/2024	10:00
BCKSP-6-S-20241120	6	Ethylbenzene	Sample	1.34	ug/m3	0.281	ug/m3		Y	11/20/2024	10:45	12/4/2024	10:00
BCKSP-6-S-20241120	6	m-/p-Xylenes	Sample	4.15	ug/m3	0.281	ug/m3		Y	11/20/2024	10:45	12/4/2024	10:00
BCKSP-6-S-20241120	6	o-Xylene	Sample	1.48	ug/m3	0.281	ug/m3		Y	11/20/2024	10:45	12/4/2024	10:00
BCKSP-6-S-20241120	6	Toluene	Sample	6.26	ug/m3	0.249	ug/m3		Y	11/20/2024	10:45	12/4/2024	10:00
BCKSP-7-S-20241120	7	Benzene	Sample	3.65	ug/m3	0.193	ug/m3		Y	11/20/2024	10:50	12/4/2024	10:05
BCKSP-7-S-20241120	7	Ethylbenzene	Sample	2.1	ug/m3	0.281	ug/m3		Y	11/20/2024	10:50	12/4/2024	10:05
BCKSP-7-S-20241120	7	m-/p-Xylenes	Sample	7.62	ug/m3	0.281	ug/m3		Y	11/20/2024	10:50	12/4/2024	10:05
BCKSP-7-S-20241120	7	o-Xylene	Sample	2.58	ug/m3	0.281	ug/m3		Y	11/20/2024	10:50	12/4/2024	10:05
BCKSP-7-S-20241120	7	Toluene	Sample	13.2	ug/m3	0.249	ug/m3		Y	11/20/2024	10:50	12/4/2024	10:05
BCKSP-8-S-20241120	8	Benzene	Sample	5.4	ug/m3	0.193	ug/m3		Y	11/20/2024	10:55	12/4/2024	10:10
BCKSP-8-S-20241120	8	Ethylbenzene	Sample	3.28	ug/m3	0.281	ug/m3		Y	11/20/2024	10:55	12/4/2024	10:10
BCKSP-8-S-20241120	8	m-/p-Xylenes	Sample	11.8	ug/m3	0.281	ug/m3		Y	11/20/2024	10:55	12/4/2024	10:10

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-8-S-20241120	8	o-Xylene	Sample	4.17	ug/m3	0.281	ug/m3		Y	11/20/2024	10:55	12/4/2024	10:10
BCKSP-8-S-20241120	8	Toluene	Sample	21.2	ug/m3	0.249	ug/m3		Y	11/20/2024	10:55	12/4/2024	10:10
BCKSP-9-S-20241120	9	Benzene	Sample	6.23	ug/m3	0.193	ug/m3		Y	11/20/2024	11:00	12/4/2024	10:15
BCKSP-9-S-20241120	9	Ethylbenzene	Sample	3.07	ug/m3	0.281	ug/m3		Y	11/20/2024	11:00	12/4/2024	10:15
BCKSP-9-S-20241120	9	m-/p-Xylenes	Sample	12.1	ug/m3	0.281	ug/m3		Y	11/20/2024	11:00	12/4/2024	10:15
BCKSP-9-S-20241120	9	o-Xylene	Sample	3.87	ug/m3	0.281	ug/m3		Y	11/20/2024	11:00	12/4/2024	10:15
BCKSP-9-S-20241120	9	Toluene	Sample	24.2	ug/m3	0.249	ug/m3		Y	11/20/2024	11:00	12/4/2024	10:15
BCKSP-10-S-20241120	10	Benzene	Sample	5.54	ug/m3	0.193	ug/m3		Y	11/20/2024	11:05	12/4/2024	10:20
BCKSP-10-S-20241120	10	Ethylbenzene	Sample	3.18	ug/m3	0.281	ug/m3		Y	11/20/2024	11:05	12/4/2024	10:20
BCKSP-10-S-20241120	10	m-/p-Xylenes	Sample	11	ug/m3	0.281	ug/m3		Y	11/20/2024	11:05	12/4/2024	10:20
BCKSP-10-S-20241120	10	o-Xylene	Sample	3.49	ug/m3	0.281	ug/m3		Y	11/20/2024	11:05	12/4/2024	10:20
BCKSP-10-S-20241120	10	Toluene	Sample	21.9	ug/m3	0.249	ug/m3		Y	11/20/2024	11:05	12/4/2024	10:20
BCKSP-11-S-20241120	11	Benzene	Sample	2.79	ug/m3	0.193	ug/m3		Y	11/20/2024	11:10	12/4/2024	10:25
BCKSP-11-S-20241120	11	Ethylbenzene	Sample	1.71	ug/m3	0.281	ug/m3		Y	11/20/2024	11:10	12/4/2024	10:25
BCKSP-11-S-20241120	11	m-/p-Xylenes	Sample	5.42	ug/m3	0.281	ug/m3		Y	11/20/2024	11:10	12/4/2024	10:25
BCKSP-11-S-20241120	11	o-Xylene	Sample	1.76	ug/m3	0.281	ug/m3		Y	11/20/2024	11:10	12/4/2024	10:25
BCKSP-11-S-20241120	11	Toluene	Sample	10.7	ug/m3	0.249	ug/m3		Y	11/20/2024	11:10	12/4/2024	10:25
BCKSP-12-S-20241120	12	Benzene	Sample	2.53	ug/m3	0.193	ug/m3		Y	11/20/2024	11:15	12/4/2024	10:35
BCKSP-12-S-20241120	12	Ethylbenzene	Sample	1.65	ug/m3	0.281	ug/m3		Y	11/20/2024	11:15	12/4/2024	10:35
BCKSP-12-S-20241120	12	m-/p-Xylenes	Sample	4.97	ug/m3	0.281	ug/m3		Y	11/20/2024	11:15	12/4/2024	10:35
BCKSP-12-S-20241120	12	o-Xylene	Sample	1.67	ug/m3	0.281	ug/m3		Y	11/20/2024	11:15	12/4/2024	10:35
BCKSP-12-S-20241120	12	Toluene	Sample	9.74	ug/m3	0.249	ug/m3		Y	11/20/2024	11:15	12/4/2024	10:35
BCKSP-13-S-20241120	13	Benzene	Sample	2.1	ug/m3	0.193	ug/m3		Y	11/20/2024	11:20	12/4/2024	10:40
BCKSP-13-S-20241120	13	Ethylbenzene	Sample	1.43	ug/m3	0.281	ug/m3		Y	11/20/2024	11:20	12/4/2024	10:40
BCKSP-13-S-20241120	13	m-/p-Xylenes	Sample	4.32	ug/m3	0.281	ug/m3		Y	11/20/2024	11:20	12/4/2024	10:40
BCKSP-13-S-20241120	13	o-Xylene	Sample	1.4	ug/m3	0.281	ug/m3		Y	11/20/2024	11:20	12/4/2024	10:40
BCKSP-13-S-20241120	13	Toluene	Sample	7.35	ug/m3	0.249	ug/m3		Y	11/20/2024	11:20	12/4/2024	10:40
BCKSP-14-S-20241120	14	Benzene	Sample	1.31	ug/m3	0.193	ug/m3		Y	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-S-20241120	14	Ethylbenzene	Sample	0.67	ug/m3	0.281	ug/m3		Y	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-S-20241120	14	m-/p-Xylenes	Sample	2.19	ug/m3	0.281	ug/m3		Y	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-S-20241120	14	o-Xylene	Sample	0.759	ug/m3	0.281	ug/m3		Y	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-S-20241120	14	Toluene	Sample	4	ug/m3	0.249	ug/m3		Y	11/20/2024	11:25	12/4/2024	10:45

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-14-D-20241120	14	Benzene	Duplicate	1.43	ug/m3	0.193	ug/m3		Y	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-D-20241120	14	Ethylbenzene	Duplicate	0.556	ug/m3	0.281	ug/m3	J	Y	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-D-20241120	14	m-/p-Xylenes	Duplicate	1.76	ug/m3	0.281	ug/m3		Y	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-D-20241120	14	o-Xylene	Duplicate	0.613	ug/m3	0.281	ug/m3		Y	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-D-20241120	14	Toluene	Duplicate	3.36	ug/m3	0.249	ug/m3		Y	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-B-20241120	14	Benzene	Blank	<0.193	ug/m3	0.193	ug/m3	ND	N	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-B-20241120	14	Ethylbenzene	Blank	<0.281	ug/m3	0.281	ug/m3	ND	N	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-B-20241120	14	m-/p-Xylenes	Blank	<0.281	ug/m3	0.281	ug/m3	ND	N	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-B-20241120	14	o-Xylene	Blank	<0.281	ug/m3	0.281	ug/m3	ND	N	11/20/2024	11:25	12/4/2024	10:45
BCKSP-14-B-20241120	14	Toluene	Blank	<0.249	ug/m3	0.249	ug/m3	ND	N	11/20/2024	11:25	12/4/2024	10:45
BCKSP-15-S-20241120	15	Benzene	Sample	1.62	ug/m3	0.193	ug/m3	Fe	Y	11/20/2024	11:30	12/4/2024	10:50
BCKSP-15-S-20241120	15	Ethylbenzene	Sample	0.935	ug/m3	0.281	ug/m3	Fe	Y	11/20/2024	11:30	12/4/2024	10:50
BCKSP-15-S-20241120	15	m-/p-Xylenes	Sample	3.07	ug/m3	0.281	ug/m3	Fe	Y	11/20/2024	11:30	12/4/2024	10:50
BCKSP-15-S-20241120	15	o-Xylene	Sample	1	ug/m3	0.281	ug/m3	Fe	Y	11/20/2024	11:30	12/4/2024	10:50
BCKSP-15-S-20241120	15	Toluene	Sample	13.6	ug/m3	0.249	ug/m3	Fe	Y	11/20/2024	11:30	12/4/2024	10:50
BCKSP-16-S-20241120	16	Benzene	Sample	1.29	ug/m3	0.193	ug/m3		Y	11/20/2024	11:35	12/4/2024	10:55
BCKSP-16-S-20241120	16	Ethylbenzene	Sample	0.89	ug/m3	0.281	ug/m3		Y	11/20/2024	11:35	12/4/2024	10:55
BCKSP-16-S-20241120	16	m-/p-Xylenes	Sample	2.63	ug/m3	0.281	ug/m3		Y	11/20/2024	11:35	12/4/2024	10:55
BCKSP-16-S-20241120	16	o-Xylene	Sample	0.852	ug/m3	0.281	ug/m3		Y	11/20/2024	11:35	12/4/2024	10:55
BCKSP-16-S-20241120	16	Toluene	Sample	4.03	ug/m3	0.249	ug/m3		Y	11/20/2024	11:35	12/4/2024	10:55
BCKSP-1-S-20241204	1	Benzene	Sample	1.48	ug/m3	0.194	ug/m3		Y	12/4/2024	09:30	12/18/2024	10:00
BCKSP-1-S-20241204	1	Ethylbenzene	Sample	0.933	ug/m3	0.282	ug/m3		Y	12/4/2024	09:30	12/18/2024	10:00
BCKSP-1-S-20241204	1	m-/p-Xylenes	Sample	3	ug/m3	0.282	ug/m3		Y	12/4/2024	09:30	12/18/2024	10:00
BCKSP-1-S-20241204	1	o-Xylene	Sample	1.12	ug/m3	0.282	ug/m3	J	Y	12/4/2024	09:30	12/18/2024	10:00
BCKSP-1-S-20241204	1	Toluene	Sample	8.17	ug/m3	0.249	ug/m3	B,P	Y	12/4/2024	09:30	12/18/2024	10:00
BCKSP-2-S-20241204	2	Benzene	Sample	1.54	ug/m3	0.194	ug/m3		Y	12/4/2024	09:35	12/18/2024	10:05
BCKSP-2-S-20241204	2	Ethylbenzene	Sample	1.12	ug/m3	0.282	ug/m3		Y	12/4/2024	09:35	12/18/2024	10:05
BCKSP-2-S-20241204	2	m-/p-Xylenes	Sample	3.58	ug/m3	0.282	ug/m3		Y	12/4/2024	09:35	12/18/2024	10:05
BCKSP-2-S-20241204	2	o-Xylene	Sample	1.27	ug/m3	0.282	ug/m3		Y	12/4/2024	09:35	12/18/2024	10:05
BCKSP-2-S-20241204	2	Toluene	Sample	5.59	ug/m3	0.249	ug/m3	B,P	Y	12/4/2024	09:35	12/18/2024	10:05
BCKSP-3-S-20241204	3	Benzene	Sample	1.76	ug/m3	0.194	ug/m3		Y	12/4/2024	09:40	12/18/2024	10:10
BCKSP-3-S-20241204	3	Ethylbenzene	Sample	1.43	ug/m3	0.282	ug/m3		Y	12/4/2024	09:40	12/18/2024	10:10

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-3-S-20241204	3	m-/p-Xylenes	Sample	3.84	ug/m3	0.282	ug/m3		Y	12/4/2024	09:40	12/18/2024	10:10
BCKSP-3-S-20241204	3	o-Xylene	Sample	1.34	ug/m3	0.282	ug/m3		Y	12/4/2024	09:40	12/18/2024	10:10
BCKSP-3-S-20241204	3	Toluene	Sample	9.18	ug/m3	0.249	ug/m3	P	Y	12/4/2024	09:40	12/18/2024	10:10
BCKSP-4-S-20241204	4	Benzene	Sample	1.71	ug/m3	0.194	ug/m3		Y	12/4/2024	09:45	12/18/2024	10:15
BCKSP-4-S-20241204	4	Ethylbenzene	Sample	1.24	ug/m3	0.282	ug/m3		Y	12/4/2024	09:45	12/18/2024	10:15
BCKSP-4-S-20241204	4	m-/p-Xylenes	Sample	3.83	ug/m3	0.282	ug/m3		Y	12/4/2024	09:45	12/18/2024	10:15
BCKSP-4-S-20241204	4	o-Xylene	Sample	1.4	ug/m3	0.282	ug/m3		Y	12/4/2024	09:45	12/18/2024	10:15
BCKSP-4-S-20241204	4	Toluene	Sample	15.1	ug/m3	0.249	ug/m3	P	Y	12/4/2024	09:45	12/18/2024	10:15
BCKSP-5-S-20241204	5	Benzene	Sample	1.91	ug/m3	0.194	ug/m3		Y	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-S-20241204	5	Ethylbenzene	Sample	1.09	ug/m3	0.282	ug/m3		Y	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-S-20241204	5	m-/p-Xylenes	Sample	3.25	ug/m3	0.282	ug/m3		Y	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-S-20241204	5	o-Xylene	Sample	1.17	ug/m3	0.282	ug/m3		Y	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-S-20241204	5	Toluene	Sample	7	ug/m3	0.249	ug/m3	B,P	Y	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-D-20241204	5	Benzene	Duplicate	2.2	ug/m3	0.194	ug/m3		Y	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-D-20241204	5	Ethylbenzene	Duplicate	1.31	ug/m3	0.282	ug/m3		Y	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-D-20241204	5	m-/p-Xylenes	Duplicate	3.8	ug/m3	0.282	ug/m3		Y	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-D-20241204	5	o-Xylene	Duplicate	1.38	ug/m3	0.282	ug/m3		Y	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-D-20241204	5	Toluene	Duplicate	16.7	ug/m3	0.249	ug/m3	P	Y	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-B-20241204	5	Benzene	Blank	<0.194	ug/m3	0.194	ug/m3	ND	N	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-B-20241204	5	Ethylbenzene	Blank	<0.282	ug/m3	0.282	ug/m3	ND	N	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-B-20241204	5	m-/p-Xylenes	Blank	<0.282	ug/m3	0.282	ug/m3	ND	N	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-B-20241204	5	o-Xylene	Blank	<0.282	ug/m3	0.282	ug/m3	ND	N	12/4/2024	09:50	12/18/2024	10:20
BCKSP-5-B-20241204	5	Toluene	Blank	<0.249	ug/m3	0.249	ug/m3	ND,P	N	12/4/2024	09:50	12/18/2024	10:20
BCKSP-6-S-20241204	6	Benzene	Sample	2.24	ug/m3	0.194	ug/m3		Y	12/4/2024	10:00	12/18/2024	10:30
BCKSP-6-S-20241204	6	Ethylbenzene	Sample	1.6	ug/m3	0.282	ug/m3		Y	12/4/2024	10:00	12/18/2024	10:30
BCKSP-6-S-20241204	6	m-/p-Xylenes	Sample	4.84	ug/m3	0.282	ug/m3		Y	12/4/2024	10:00	12/18/2024	10:30
BCKSP-6-S-20241204	6	o-Xylene	Sample	1.77	ug/m3	0.282	ug/m3		Y	12/4/2024	10:00	12/18/2024	10:30
BCKSP-6-S-20241204	6	Toluene	Sample	17.1	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:00	12/18/2024	10:30
BCKSP-7-S-20241204	7	Benzene	Sample	3.7	ug/m3	0.194	ug/m3		Y	12/4/2024	10:05	12/18/2024	10:35
BCKSP-7-S-20241204	7	Ethylbenzene	Sample	2.46	ug/m3	0.282	ug/m3		Y	12/4/2024	10:05	12/18/2024	10:35
BCKSP-7-S-20241204	7	m-/p-Xylenes	Sample	7.08	ug/m3	0.282	ug/m3		Y	12/4/2024	10:05	12/18/2024	10:35
BCKSP-7-S-20241204	7	o-Xylene	Sample	2.52	ug/m3	0.282	ug/m3		Y	12/4/2024	10:05	12/18/2024	10:35

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-7-S-20241204	7	Toluene	Sample	24.1	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:05	12/18/2024	10:35
BCKSP-8-S-20241204	8	Benzene	Sample	5.26	ug/m3	0.194	ug/m3		Y	12/4/2024	10:10	12/18/2024	10:40
BCKSP-8-S-20241204	8	Ethylbenzene	Sample	3.51	ug/m3	0.282	ug/m3		Y	12/4/2024	10:10	12/18/2024	10:40
BCKSP-8-S-20241204	8	m-/p-Xylenes	Sample	10.9	ug/m3	0.282	ug/m3		Y	12/4/2024	10:10	12/18/2024	10:40
BCKSP-8-S-20241204	8	o-Xylene	Sample	4.02	ug/m3	0.282	ug/m3		Y	12/4/2024	10:10	12/18/2024	10:40
BCKSP-8-S-20241204	8	Toluene	Sample	38.5	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:10	12/18/2024	10:40
BCKSP-9-S-20241204	9	Benzene	Sample	5.5	ug/m3	0.194	ug/m3		Y	12/4/2024	10:15	12/18/2024	10:45
BCKSP-9-S-20241204	9	Ethylbenzene	Sample	3.22	ug/m3	0.282	ug/m3		Y	12/4/2024	10:15	12/18/2024	10:45
BCKSP-9-S-20241204	9	m-/p-Xylenes	Sample	10.2	ug/m3	0.282	ug/m3		Y	12/4/2024	10:15	12/18/2024	10:45
BCKSP-9-S-20241204	9	o-Xylene	Sample	3.67	ug/m3	0.282	ug/m3		Y	12/4/2024	10:15	12/18/2024	10:45
BCKSP-9-S-20241204	9	Toluene	Sample	36.1	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:15	12/18/2024	10:45
BCKSP-10-S-20241204	10	Benzene	Sample	4	ug/m3	0.194	ug/m3		Y	12/4/2024	10:20	12/18/2024	10:50
BCKSP-10-S-20241204	10	Ethylbenzene	Sample	2.75	ug/m3	0.282	ug/m3		Y	12/4/2024	10:20	12/18/2024	10:50
BCKSP-10-S-20241204	10	m-/p-Xylenes	Sample	8.06	ug/m3	0.282	ug/m3		Y	12/4/2024	10:20	12/18/2024	10:50
BCKSP-10-S-20241204	10	o-Xylene	Sample	2.84	ug/m3	0.282	ug/m3		Y	12/4/2024	10:20	12/18/2024	10:50
BCKSP-10-S-20241204	10	Toluene	Sample	41.9	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:20	12/18/2024	10:50
BCKSP-11-S-20241204	11	Benzene	Sample	2.8	ug/m3	0.194	ug/m3		Y	12/4/2024	10:25	12/18/2024	10:55
BCKSP-11-S-20241204	11	Ethylbenzene	Sample	1.86	ug/m3	0.282	ug/m3		Y	12/4/2024	10:25	12/18/2024	10:55
BCKSP-11-S-20241204	11	m-/p-Xylenes	Sample	5.4	ug/m3	0.282	ug/m3		Y	12/4/2024	10:25	12/18/2024	10:55
BCKSP-11-S-20241204	11	o-Xylene	Sample	1.91	ug/m3	0.282	ug/m3		Y	12/4/2024	10:25	12/18/2024	10:55
BCKSP-11-S-20241204	11	Toluene	Sample	56.4	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:25	12/18/2024	10:55
BCKSP-12-S-20241204	12	Benzene	Sample	2.63	ug/m3	0.193	ug/m3		Y	12/4/2024	10:35	12/18/2024	11:10
BCKSP-12-S-20241204	12	Ethylbenzene	Sample	1.74	ug/m3	0.282	ug/m3		Y	12/4/2024	10:35	12/18/2024	11:10
BCKSP-12-S-20241204	12	m-/p-Xylenes	Sample	5.44	ug/m3	0.282	ug/m3		Y	12/4/2024	10:35	12/18/2024	11:10
BCKSP-12-S-20241204	12	o-Xylene	Sample	1.94	ug/m3	0.282	ug/m3		Y	12/4/2024	10:35	12/18/2024	11:10
BCKSP-12-S-20241204	12	Toluene	Sample	38.3	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:35	12/18/2024	11:10
BCKSP-13-S-20241204	13	Benzene	Sample	2.47	ug/m3	0.193	ug/m3		Y	12/4/2024	10:40	12/18/2024	11:15
BCKSP-13-S-20241204	13	Ethylbenzene	Sample	1.63	ug/m3	0.282	ug/m3		Y	12/4/2024	10:40	12/18/2024	11:15
BCKSP-13-S-20241204	13	m-/p-Xylenes	Sample	5.34	ug/m3	0.282	ug/m3		Y	12/4/2024	10:40	12/18/2024	11:15
BCKSP-13-S-20241204	13	o-Xylene	Sample	1.89	ug/m3	0.282	ug/m3		Y	12/4/2024	10:40	12/18/2024	11:15
BCKSP-13-S-20241204	13	Toluene	Sample	22.4	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:40	12/18/2024	11:15
BCKSP-14-S-20241204	14	Benzene	Sample	1.61	ug/m3	0.193	ug/m3		Y	12/4/2024	10:45	12/18/2024	11:20

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
BCKSP-14-S-20241204	14	Ethylbenzene	Sample	1.02	ug/m3	0.282	ug/m3		Y	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-S-20241204	14	m-/p-Xylenes	Sample	3.23	ug/m3	0.282	ug/m3		Y	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-S-20241204	14	o-Xylene	Sample	1.16	ug/m3	0.282	ug/m3		Y	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-S-20241204	14	Toluene	Sample	19.3	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-D-20241204	14	Benzene	Duplicate	1.75	ug/m3	0.193	ug/m3		Y	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-D-20241204	14	Ethylbenzene	Duplicate	0.862	ug/m3	0.282	ug/m3		Y	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-D-20241204	14	m-/p-Xylenes	Duplicate	2.77	ug/m3	0.282	ug/m3		Y	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-D-20241204	14	o-Xylene	Duplicate	0.979	ug/m3	0.282	ug/m3	J	Y	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-D-20241204	14	Toluene	Duplicate	6.42	ug/m3	0.249	ug/m3	B,P	Y	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-B-20241204	14	Benzene	Blank	<0.193	ug/m3	0.193	ug/m3	ND	N	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-B-20241204	14	Ethylbenzene	Blank	<0.282	ug/m3	0.282	ug/m3	ND	N	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-B-20241204	14	m-/p-Xylenes	Blank	<0.282	ug/m3	0.282	ug/m3	ND	N	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-B-20241204	14	o-Xylene	Blank	<0.282	ug/m3	0.282	ug/m3	ND	N	12/4/2024	10:45	12/18/2024	11:20
BCKSP-14-B-20241204	14	Toluene	Blank	2.79	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:45	12/18/2024	11:20
BCKSP-15-S-20241204	15	Benzene	Sample	1.98	ug/m3	0.193	ug/m3		Y	12/4/2024	10:50	12/18/2024	11:30
BCKSP-15-S-20241204	15	Ethylbenzene	Sample	0.989	ug/m3	0.282	ug/m3		Y	12/4/2024	10:50	12/18/2024	11:30
BCKSP-15-S-20241204	15	m-/p-Xylenes	Sample	2.61	ug/m3	0.282	ug/m3		Y	12/4/2024	10:50	12/18/2024	11:30
BCKSP-15-S-20241204	15	o-Xylene	Sample	0.938	ug/m3	0.282	ug/m3	J	Y	12/4/2024	10:50	12/18/2024	11:30
BCKSP-15-S-20241204	15	Toluene	Sample	8.11	ug/m3	0.249	ug/m3	B,P	Y	12/4/2024	10:50	12/18/2024	11:30
BCKSP-16-S-20241204	16	Benzene	Sample	1.69	ug/m3	0.193	ug/m3		Y	12/4/2024	10:55	12/18/2024	11:35
BCKSP-16-S-20241204	16	Ethylbenzene	Sample	0.86	ug/m3	0.282	ug/m3		Y	12/4/2024	10:55	12/18/2024	11:35
BCKSP-16-S-20241204	16	m-/p-Xylenes	Sample	2.48	ug/m3	0.282	ug/m3		Y	12/4/2024	10:55	12/18/2024	11:35
BCKSP-16-S-20241204	16	o-Xylene	Sample	0.923	ug/m3	0.282	ug/m3	J	Y	12/4/2024	10:55	12/18/2024	11:35
BCKSP-16-S-20241204	16	Toluene	Sample	9.32	ug/m3	0.249	ug/m3	P	Y	12/4/2024	10:55	12/18/2024	11:35

FLM DATA FLAG ABBREVIATIONS - EPA METHOD 325B	
FLAG	**EXPLANATION**
E	Concentration exceeds the calibration range. The analyte result is an estimated value
I	Internal Standard recovery is outside acceptance limits
ND	The analyte was not present above the Method Detection Limit
J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
P	Field duplicate(s) exceed 30%RPD
Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit
B	Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
Fe	Field Error. See complete lab report narrative for details

Note: Meteorological data flagged ND was not available from the airport. Missing data can be due to instrument maintenance, instrument malfunction, data transmission issues, or other factors resulting in missing data.

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/25/24 10:00 to 10/9/24 11:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
09/25/2024 10:00	2.4	56	14.1	1023
09/25/2024 11:00	3.5	74	15.4	1023
09/25/2024 12:00	4.1	93	15.5	1023
09/25/2024 13:00	4.1	88	15.6	1023
09/25/2024 14:00	3.4	100	15.6	1022
09/25/2024 15:00	4.0	106	15.8	1022
09/25/2024 16:00	3.5	110	15.6	1022
09/25/2024 17:00	3.7	119	15.3	1022
09/25/2024 18:00	3.9	119	14.7	1022
09/25/2024 19:00	3.2	117	14.4	1022
09/25/2024 20:00	2.9	102	14.4	1022
09/25/2024 21:00	2.6	115	14.4	1021
09/25/2024 22:00	1.9	130	14.4	1021
09/25/2024 23:00	2.9	130	14.4	1021
09/26/2024 00:00	3.3	131	ND	ND
09/26/2024 01:00	3.0	135	14.4	1020
09/26/2024 02:00	2.3	146	14.4	1020
09/26/2024 03:00	1.6	175	14.1	1020
09/26/2024 04:00	0.9	138	13.9	1020
09/26/2024 05:00	1.5	182	13.9	1019
09/26/2024 06:00	0.9	255	13.7	1019
09/26/2024 07:00	0.8	43	13.9	1019
09/26/2024 08:00	2.3	149	14.7	1019
09/26/2024 09:00	3.7	156	15.0	1019
09/26/2024 10:00	ND	ND	15.1	1018
09/26/2024 11:00	3.9	159	15.5	1018
09/26/2024 12:00	4.0	163	ND	ND
09/26/2024 13:00	3.8	159	15.5	1016
09/26/2024 14:00	3.9	159	14.5	1015
09/26/2024 15:00	1.7	169	15.6	1015
09/26/2024 16:00	ND	ND	ND	ND
09/26/2024 17:00	1.7	42	15.6	1014
09/26/2024 18:00	1.2	36	15.5	1014
09/26/2024 19:00	1.6	108	15.3	1014
09/26/2024 20:00	1.9	225	15.0	1014
09/26/2024 21:00	1.3	16	15.4	1014
09/26/2024 22:00	1.5	346	14.9	1014
09/26/2024 23:00	1.1	255	14.9	1014
09/27/2024 00:00	0.8	279	14.1	1013
09/27/2024 01:00	1.8	298	13.9	1013
09/27/2024 02:00	2.2	306	13.5	1013
09/27/2024 03:00	2.2	304	13.3	1013

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/25/24 10:00 to 10/9/24 11:00)

09/27/2024 04:00	2.2	265	12.8	1013
09/27/2024 05:00	2.5	262	12.2	1016
09/27/2024 06:00	1.9	292	12.0	1016
09/27/2024 07:00	2.3	300	12.0	1017
09/27/2024 08:00	2.4	295	13.0	1017
09/27/2024 09:00	2.2	288	15.1	1016
09/27/2024 10:00	0.9	260	18.5	1016
09/27/2024 11:00	2.4	334	20.9	1016
09/27/2024 12:00	2.1	274	21.7	1015
09/27/2024 13:00	2.8	267	22.5	1015
09/27/2024 14:00	3.3	110	21.6	1015
09/27/2024 15:00	1.4	221	21.8	1015
09/27/2024 16:00	2.2	96	21.3	1015
09/27/2024 17:00	2.4	159	19.2	1016
09/27/2024 18:00	0.6	63	17.7	1016
09/27/2024 19:00	0.2	191	17.3	1016
09/27/2024 20:00	0.3	309	16.8	1017
09/27/2024 21:00	0.3	304	16.3	1017
09/27/2024 22:00	0.3	278	15.8	1017
09/27/2024 23:00	0.5	342	15.6	1018
09/28/2024 00:00	0.7	319	15.5	1018
09/28/2024 01:00	0.3	349	15.6	1018
09/28/2024 02:00	0.1	358	15.4	1018
09/28/2024 03:00	0.4	336	14.3	1018
09/28/2024 04:00	1.1	350	13.5	1018
09/28/2024 05:00	0.5	352	13.5	1018
09/28/2024 06:00	1.5	311	13.1	1018
09/28/2024 07:00	1.4	338	14.1	1019
09/28/2024 08:00	1.6	222	15.3	1019
09/28/2024 09:00	1.5	29	16.7	1019
09/28/2024 10:00	1.6	31	17.8	1019
09/28/2024 11:00	0.6	168	19.3	1019
09/28/2024 12:00	2.1	58	20.2	1019
09/28/2024 13:00	4.0	90	20.7	1018
09/28/2024 14:00	4.9	87	18.0	1018
09/28/2024 15:00	4.1	96	15.9	1018
09/28/2024 16:00	3.4	110	15.7	1018
09/28/2024 17:00	3.1	127	14.4	1018
09/28/2024 18:00	2.9	133	13.0	1018
09/28/2024 19:00	1.1	85	13.6	1019
09/28/2024 20:00	0.6	188	13.8	1019
09/28/2024 21:00	0.9	273	13.7	1019
09/28/2024 22:00	0.3	299	13.1	1019
09/28/2024 23:00	2.4	281	12.9	1019

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/25/24 10:00 to 10/9/24 11:00)

09/29/2024 00:00	1.8	282	12.3	1019
09/29/2024 01:00	2.0	291	13.3	1019
09/29/2024 02:00	1.2	291	13.7	1019
09/29/2024 03:00	0.2	216	13.2	1018
09/29/2024 04:00	0.2	280	12.9	1019
09/29/2024 05:00	0.4	238	12.4	1019
09/29/2024 06:00	0.0	108	11.9	1019
09/29/2024 07:00	0.4	80	12.3	1019
09/29/2024 08:00	0.0	180	13.7	1019
09/29/2024 09:00	0.2	232	15.6	1019
09/29/2024 10:00	0.8	197	18.5	1018
09/29/2024 11:00	1.5	170	19.7	1018
09/29/2024 12:00	2.7	80	19.5	1018
09/29/2024 13:00	4.5	157	19.0	1017
09/29/2024 14:00	5.0	162	19.0	1017
09/29/2024 15:00	4.8	172	18.3	1017
09/29/2024 16:00	4.2	185	17.4	1016
09/29/2024 17:00	2.9	181	16.7	1017
09/29/2024 18:00	2.9	185	15.6	1017
09/29/2024 19:00	1.0	113	14.7	1017
09/29/2024 20:00	1.7	177	14.0	1017
09/29/2024 21:00	2.2	208	13.9	1017
09/29/2024 22:00	1.8	262	14.3	1017
09/29/2024 23:00	1.9	291	14.3	1017
09/30/2024 00:00	2.2	278	13.6	1017
09/30/2024 01:00	1.3	134	12.7	1017
09/30/2024 02:00	0.0	0	12.2	1017
09/30/2024 03:00	0.7	291	11.5	1017
09/30/2024 04:00	1.5	224	10.5	1017
09/30/2024 05:00	0.5	87	10.9	1017
09/30/2024 06:00	1.3	234	10.4	1018
09/30/2024 07:00	0.8	132	11.5	1018
09/30/2024 08:00	2.1	314	14.4	1019
09/30/2024 09:00	2.0	82	17.7	1019
09/30/2024 10:00	3.1	54	19.6	1019
09/30/2024 11:00	3.2	55	21.0	1019
09/30/2024 12:00	3.4	70	21.8	1019
09/30/2024 13:00	3.5	98	21.9	1019
09/30/2024 14:00	3.2	90	22.1	1018
09/30/2024 15:00	3.1	91	22.0	1018
09/30/2024 16:00	2.1	101	21.5	1018
09/30/2024 17:00	2.9	161	18.7	1018
09/30/2024 18:00	1.2	68	16.3	1019
09/30/2024 19:00	0.0	216	16.1	1019

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/25/24 10:00 to 10/9/24 11:00)

09/30/2024 20:00	0.0	215	15.6	1020
09/30/2024 21:00	0.0	245	14.9	1020
09/30/2024 22:00	0.0	238	13.5	1020
09/30/2024 23:00	0.2	286	13.2	1020
10/01/2024 00:00	1.3	319	13.7	1020
10/01/2024 01:00	1.0	122	13.4	1021
10/01/2024 02:00	1.6	39	13.9	1021
10/01/2024 03:00	1.5	130	13.9	1021
10/01/2024 04:00	1.7	21	13.4	1021
10/01/2024 05:00	1.9	158	12.7	1021
10/01/2024 06:00	2.6	102	12.3	1021
10/01/2024 07:00	3.6	69	13.7	1022
10/01/2024 08:00	4.6	76	15.0	1022
10/01/2024 09:00	3.9	61	15.7	1023
10/01/2024 10:00	5.4	85	15.6	1023
10/01/2024 11:00	5.5	92	15.7	1023
10/01/2024 12:00	5.8	97	16.4	1023
10/01/2024 13:00	4.1	54	16.4	1022
10/01/2024 14:00	3.0	42	16.4	1022
10/01/2024 15:00	4.1	49	16.0	1021
10/01/2024 16:00	4.4	98	14.7	1021
10/01/2024 17:00	3.6	99	13.9	1021
10/01/2024 18:00	1.0	57	12.9	1021
10/01/2024 19:00	0.0	1	12.2	1021
10/01/2024 20:00	0.0	0	11.3	1021
10/01/2024 21:00	0.0	144	10.2	1021
10/01/2024 22:00	0.8	294	10.6	1020
10/01/2024 23:00	1.0	355	10.8	1020
10/02/2024 00:00	1.1	246	10.0	1020
10/02/2024 01:00	1.0	278	8.8	1019
10/02/2024 02:00	1.3	310	8.6	1019
10/02/2024 03:00	1.2	208	9.9	1018
10/02/2024 04:00	1.4	358	10.9	1019
10/02/2024 05:00	1.5	51	11.3	1019
10/02/2024 06:00	1.3	214	11.3	1019
10/02/2024 07:00	1.9	93	10.9	1019
10/02/2024 08:00	2.7	51	12.1	1019
10/02/2024 09:00	2.7	44	13.5	1019
10/02/2024 10:00	1.4	62	14.6	1019
10/02/2024 11:00	1.6	37	15.5	1019
10/02/2024 12:00	3.0	48	15.9	1019
10/02/2024 13:00	3.3	49	16.3	1018
10/02/2024 14:00	3.0	58	16.7	1018
10/02/2024 15:00	3.2	66	16.4	1018

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/25/24 10:00 to 10/9/24 11:00)

10/02/2024 16:00	2.5	72	16.4	1018
10/02/2024 17:00	1.9	59	15.7	1017
10/02/2024 18:00	2.5	61	14.2	1017
10/02/2024 19:00	1.2	109	13.5	1018
10/02/2024 20:00	1.0	205	13.1	1018
10/02/2024 21:00	1.3	212	13.0	1018
10/02/2024 22:00	1.9	233	11.0	1018
10/02/2024 23:00	1.1	269	10.6	1018
10/03/2024 00:00	0.6	151	9.3	1019
10/03/2024 01:00	0.9	324	11.7	1019
10/03/2024 02:00	0.0	252	12.1	1019
10/03/2024 03:00	0.0	247	12.0	1018
10/03/2024 04:00	0.3	55	12.0	1019
10/03/2024 05:00	0.0	73	12.9	1019
10/03/2024 06:00	0.3	120	12.5	1019
10/03/2024 07:00	0.7	157	12.5	1020
10/03/2024 08:00	1.4	142	13.7	1020
10/03/2024 09:00	2.4	188	15.3	1020
10/03/2024 10:00	2.9	195	16.0	1020
10/03/2024 11:00	3.2	196	17.7	1020
10/03/2024 12:00	4.3	164	18.0	1019
10/03/2024 13:00	4.7	174	18.1	1019
10/03/2024 14:00	5.6	169	18.0	1019
10/03/2024 15:00	5.9	185	17.5	1019
10/03/2024 16:00	4.9	179	17.0	1019
10/03/2024 17:00	4.6	184	16.1	1019
10/03/2024 18:00	3.1	191	15.9	1020
10/03/2024 19:00	3.4	260	15.7	1020
10/03/2024 20:00	3.2	283	15.6	1021
10/03/2024 21:00	3.2	274	15.5	1021
10/03/2024 22:00	2.3	211	14.9	1021
10/03/2024 23:00	0.3	49	13.9	1021
10/04/2024 00:00	0.1	29	12.5	1021
10/04/2024 01:00	0.1	138	10.8	1022
10/04/2024 02:00	0.6	107	10.2	1022
10/04/2024 03:00	0.6	115	9.5	1022
10/04/2024 04:00	0.8	241	8.9	1022
10/04/2024 05:00	1.7	250	8.1	1023
10/04/2024 06:00	1.6	261	7.8	1023
10/04/2024 07:00	1.0	232	9.2	1024
10/04/2024 08:00	1.1	244	11.8	1024
10/04/2024 09:00	1.3	215	14.2	1024
10/04/2024 10:00	1.9	82	15.9	1024
10/04/2024 11:00	2.2	105	16.6	1024

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/25/24 10:00 to 10/9/24 11:00)

10/04/2024 12:00	3.2	97	16.7	1023
10/04/2024 13:00	3.5	91	16.9	1023
10/04/2024 14:00	3.9	84	17.1	1023
10/04/2024 15:00	4.0	116	16.8	1022
10/04/2024 16:00	3.1	168	16.0	1022
10/04/2024 17:00	2.9	159	16.0	1022
10/04/2024 18:00	2.0	152	15.9	1022
10/04/2024 19:00	1.0	87	15.2	1022
10/04/2024 20:00	0.3	22	14.3	1022
10/04/2024 21:00	0.3	17	13.9	1022
10/04/2024 22:00	1.0	77	14.1	1021
10/04/2024 23:00	0.9	107	14.0	1021
10/05/2024 00:00	1.9	168	14.9	1021
10/05/2024 01:00	2.0	202	14.9	1020
10/05/2024 02:00	0.6	70	14.9	1020
10/05/2024 03:00	0.9	159	14.9	1019
10/05/2024 04:00	0.3	229	14.9	1019
10/05/2024 05:00	0.3	308	14.8	1019
10/05/2024 06:00	0.3	169	14.8	1019
10/05/2024 07:00	1.8	275	14.8	1020
10/05/2024 08:00	2.5	313	15.6	1020
10/05/2024 09:00	4.5	342	16.4	1020
10/05/2024 10:00	4.7	341	17.4	1020
10/05/2024 11:00	4.8	342	17.8	1020
10/05/2024 12:00	6.6	341	19.2	1020
10/05/2024 13:00	6.1	336	20.2	1020
10/05/2024 14:00	5.7	337	19.9	1019
10/05/2024 15:00	5.7	337	20.1	1019
10/05/2024 16:00	3.8	351	20.0	1019
10/05/2024 17:00	3.4	357	19.0	1020
10/05/2024 18:00	2.7	345	16.8	1021
10/05/2024 19:00	2.7	344	14.0	1021
10/05/2024 20:00	3.8	351	12.9	1021
10/05/2024 21:00	3.5	81	13.1	1022
10/05/2024 22:00	3.9	319	12.2	1022
10/05/2024 23:00	2.9	337	10.8	1022
10/06/2024 00:00	1.0	268	8.9	1021
10/06/2024 01:00	0.4	128	8.3	1022
10/06/2024 02:00	0.2	108	8.0	1022
10/06/2024 03:00	1.7	150	7.1	1021
10/06/2024 04:00	2.0	119	7.0	1021
10/06/2024 05:00	2.1	350	6.9	1022
10/06/2024 06:00	1.8	346	6.9	1022
10/06/2024 07:00	1.4	239	7.3	1022

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/25/24 10:00 to 10/9/24 11:00)

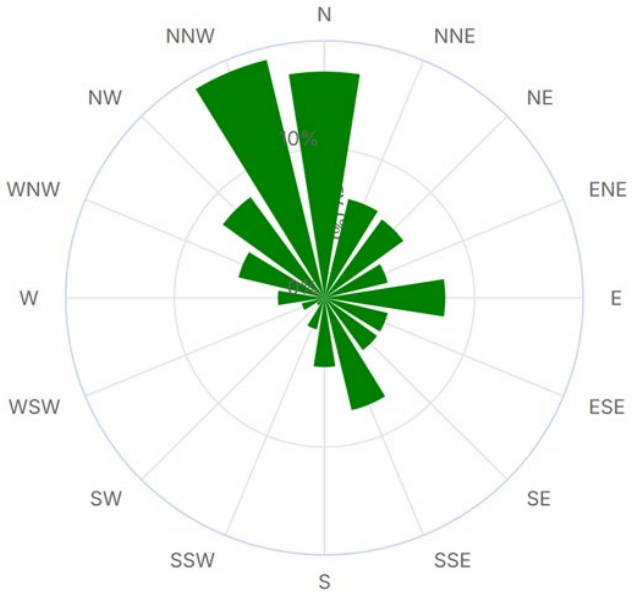
10/06/2024 08:00	2.3	254	9.5	1022
10/06/2024 09:00	3.6	85	10.9	1022
10/06/2024 10:00	3.1	220	12.1	1022
10/06/2024 11:00	1.7	150	13.5	1021
10/06/2024 12:00	1.9	134	14.0	1020
10/06/2024 13:00	2.1	39	15.3	1020
10/06/2024 14:00	0.7	104	15.0	1019
10/06/2024 15:00	2.2	56	15.2	1018
10/06/2024 16:00	2.7	109	14.4	1018
10/06/2024 17:00	2.7	151	13.2	1018
10/06/2024 18:00	2.4	165	11.5	1018
10/06/2024 19:00	2.1	149	11.5	1018
10/06/2024 20:00	1.0	81	11.4	1017
10/06/2024 21:00	2.0	111	11.5	1016
10/06/2024 22:00	1.3	187	11.7	1016
10/06/2024 23:00	0.2	132	10.9	1016
10/07/2024 00:00	1.9	280	10.7	1016
10/07/2024 01:00	0.7	114	10.8	1016
10/07/2024 02:00	0.1	44	10.9	1015
10/07/2024 03:00	ND	ND	11.3	1014
10/07/2024 04:00	0.0	36	11.0	1014
10/07/2024 05:00	1.4	68	11.9	1013
10/07/2024 06:00	2.5	136	12.1	1012
10/07/2024 07:00	2.2	144	12.7	1012
10/07/2024 08:00	2.1	118	12.9	1012
10/07/2024 09:00	3.0	135	12.9	1012
10/07/2024 10:00	2.7	125	12.9	1012
10/07/2024 11:00	3.0	138	13.0	1011
10/07/2024 12:00	4.3	163	12.6	1011
10/07/2024 13:00	4.6	153	13.0	1011
10/07/2024 14:00	3.9	152	13.0	1010
10/07/2024 15:00	3.7	158	13.0	1010
10/07/2024 16:00	3.4	159	13.0	1009
10/07/2024 17:00	3.2	166	13.1	1009
10/07/2024 18:00	2.3	164	13.1	1009
10/07/2024 19:00	1.0	220	13.1	1009
10/07/2024 20:00	0.0	109	13.3	1009
10/07/2024 21:00	2.1	310	13.0	1009
10/07/2024 22:00	2.0	313	12.9	1009
10/07/2024 23:00	2.9	299	12.9	1009
10/08/2024 00:00	2.8	312	12.7	1009
10/08/2024 01:00	3.6	306	12.0	1009
10/08/2024 02:00	3.0	305	11.9	1009
10/08/2024 03:00	3.2	287	11.3	1009

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/25/24 10:00 to 10/9/24 11:00)

10/08/2024 04:00	2.5	337	11.2	1009
10/08/2024 05:00	2.6	346	11.2	1009
10/08/2024 06:00	1.7	344	10.1	1010
10/08/2024 07:00	1.0	338	9.5	1010
10/08/2024 08:00	3.7	330	11.2	1010
10/08/2024 09:00	4.4	332	11.9	1011
10/08/2024 10:00	3.5	326	13.2	1011
10/08/2024 11:00	2.6	335	14.1	1011
10/08/2024 12:00	3.1	326	15.5	1010
10/08/2024 13:00	4.0	312	16.0	1010
10/08/2024 14:00	3.0	314	16.4	1009
10/08/2024 15:00	3.4	305	16.2	1010
10/08/2024 16:00	1.8	254	16.4	1010
10/08/2024 17:00	1.2	291	14.6	1010
10/08/2024 18:00	1.0	263	12.6	1010
10/08/2024 19:00	0.1	167	9.6	1011
10/08/2024 20:00	0.9	139	8.4	1012
10/08/2024 21:00	0.3	201	7.5	1012
10/08/2024 22:00	0.2	203	6.5	1012
10/08/2024 23:00	0.7	142	6.2	1012
10/09/2024 00:00	1.0	241	5.2	1012
10/09/2024 01:00	0.9	213	5.0	1012
10/09/2024 02:00	0.3	159	4.5	1011
10/09/2024 03:00	0.1	11	5.5	1011
10/09/2024 04:00	1.5	221	6.2	1011
10/09/2024 05:00	0.6	322	6.2	1011
10/09/2024 06:00	0.7	303	5.9	1011
10/09/2024 07:00	1.5	301	7.1	1011
10/09/2024 08:00	1.5	305	9.1	1011
10/09/2024 09:00	2.5	304	11.0	1011
10/09/2024 10:00	2.3	298	12.7	1011
10/09/2024 11:00	2.0	332	14.1	1010

PWM Wind Rose 9/25/24 10:00 - 10/9/24 11:00



BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/9/24 11:00 to 10/23/24 11:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
10/9/24 11:00	3.1	298	14.0	1008
10/9/24 12:00	4.4	291	15.1	1007
10/9/24 13:00	4.5	254	15.9	1007
10/9/24 14:00	4.9	297	15.7	1006
10/9/24 15:00	3.8	324	15.4	1006
10/9/24 16:00	4.6	302	14.2	1007
10/9/24 17:00	3.7	311	13.3	1007
10/9/24 18:00	2.6	339	11.6	1008
10/9/24 19:00	1.6	238	10.1	1008
10/9/24 20:00	1.6	215	8.9	1008
10/9/24 21:00	ND	ND	8.7	1008
10/9/24 22:00	0.8	145	8.8	1008
10/9/24 23:00	1.7	295	8.8	1008
10/10/24 0:00	1.5	232	8.7	1008
10/10/24 1:00	1.8	263	8.3	1008
10/10/24 2:00	2.7	279	8.1	1008
10/10/24 3:00	2.9	290	6.5	1008
10/10/24 4:00	3.2	282	5.8	1008
10/10/24 5:00	3.3	277	5.8	1009
10/10/24 6:00	2.6	281	5.2	1009
10/10/24 7:00	3.0	283	5.8	1010
10/10/24 8:00	3.4	284	8.4	1010
10/10/24 9:00	4.3	304	11.1	1010
10/10/24 10:00	6.0	312	12.5	1010
10/10/24 11:00	5.9	314	13.5	1010
10/10/24 12:00	4.6	315	13.2	1010
10/10/24 13:00	5.2	301	13.6	1009
10/10/24 14:00	5.5	313	13.5	1009
10/10/24 15:00	5.5	308	12.6	1009
10/10/24 16:00	6.4	305	12.4	1010
10/10/24 17:00	5.8	302	11.3	1010
10/10/24 18:00	5.3	297	10.0	1011
10/10/24 19:00	3.9	289	8.3	1011
10/10/24 20:00	3.3	264	7.8	1012
10/10/24 21:00	3.3	254	7.4	1012
10/10/24 22:00	3.3	265	6.8	1011
10/10/24 23:00	2.9	255	6.9	1011
10/11/24 0:00	2.0	246	6.3	1011
10/11/24 1:00	3.4	255	6.2	1011
10/11/24 2:00	3.3	251	6.7	1011
10/11/24 3:00	3.4	268	6.8	1011
10/11/24 4:00	3.5	273	6.6	1011

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/9/24 11:00 to 10/23/24 11:00)

10/11/24 5:00	2.3	232	5.5	1011
10/11/24 6:00	1.6	169	4.2	1011
10/11/24 7:00	2.4	206	6.0	1011
10/11/24 8:00	2.3	236	8.6	1011
10/11/24 9:00	5.0	289	11.6	1011
10/11/24 10:00	5.1	314	13.0	1010
10/11/24 11:00	6.1	322	13.9	1010
10/11/24 12:00	5.8	306	15.9	1009
10/11/24 13:00	5.7	292	16.9	1008
10/11/24 14:00	4.8	284	17.3	1007
10/11/24 15:00	4.7	282	17.9	1007
10/11/24 16:00	5.2	279	17.6	1006
10/11/24 17:00	3.5	263	16.4	1006
10/11/24 18:00	3.3	267	14.5	1006
10/11/24 19:00	3.4	241	13.9	1006
10/11/24 20:00	2.2	222	12.8	1005
10/11/24 21:00	2.6	230	13.0	1004
10/11/24 22:00	3.6	226	12.2	1004
10/11/24 23:00	3.1	213	11.9	1003
10/12/24 0:00	2.4	220	11.0	1002
10/12/24 1:00	4.1	240	12.5	1001
10/12/24 2:00	4.4	239	13.7	1000
10/12/24 3:00	3.3	238	12.7	999
10/12/24 4:00	3.8	216	12.0	998
10/12/24 5:00	3.8	205	12.0	998
10/12/24 6:00	1.6	148	11.4	997
10/12/24 7:00	5.0	252	14.3	998
10/12/24 8:00	8.7	301	16.9	1000
10/12/24 9:00	12.0	299	16.8	1002
10/12/24 10:00	10.8	296	16.2	1003
10/12/24 11:00	10.1	304	17.1	1003
10/12/24 12:00	11.0	299	17.0	1004
10/12/24 13:00	9.8	302	17.2	1004
10/12/24 14:00	9.9	304	17.4	1005
10/12/24 15:00	8.3	306	17.0	1005
10/12/24 16:00	8.4	310	16.1	1006
10/12/24 17:00	5.8	316	13.8	1007
10/12/24 18:00	5.0	312	12.4	1008
10/12/24 19:00	4.1	310	11.4	1009
10/12/24 20:00	4.0	307	10.4	1010
10/12/24 21:00	2.8	295	8.7	1011
10/12/24 22:00	1.3	173	7.9	1012
10/12/24 23:00	0.6	86	6.7	1012
10/13/24 0:00	2.4	246	5.5	1012

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/9/24 11:00 to 10/23/24 11:00)

10/13/24 1:00	1.3	147	4.1	1012
10/13/24 2:00	0.8	121	4.3	1012
10/13/24 3:00	1.5	182	5.5	1011
10/13/24 4:00	0.2	21	5.9	1011
10/13/24 5:00	0.2	24	5.9	1011
10/13/24 6:00	1.4	235	5.8	1012
10/13/24 7:00	0.6	87	6.2	1012
10/13/24 8:00	1.6	206	7.3	1013
10/13/24 9:00	2.4	240	8.7	1013
10/13/24 10:00	2.7	217	10.3	1012
10/13/24 11:00	3.3	238	12.1	1012
10/13/24 12:00	3.5	220	12.1	1011
10/13/24 13:00	3.6	221	12.1	1010
10/13/24 14:00	2.9	198	11.9	1010
10/13/24 15:00	2.4	205	11.0	1009
10/13/24 16:00	2.1	195	10.2	1009
10/13/24 17:00	2.3	198	8.9	1009
10/13/24 18:00	0.6	74	8.0	1009
10/13/24 19:00	1.1	209	8.1	1009
10/13/24 20:00	2.1	60	8.0	1009
10/13/24 21:00	4.2	46	8.0	1009
10/13/24 22:00	4.4	42	8.0	1008
10/13/24 23:00	5.1	37	8.0	1008
10/14/24 0:00	5.2	89	7.3	1007
10/14/24 1:00	4.4	52	7.0	1006
10/14/24 2:00	5.6	22	7.0	1005
10/14/24 3:00	5.0	23	7.0	1005
10/14/24 4:00	4.2	196	7.0	1005
10/14/24 5:00	5.4	72	7.0	1003
10/14/24 6:00	4.4	216	7.2	1002
10/14/24 7:00	3.3	219	7.0	1003
10/14/24 8:00	4.0	151	7.1	1002
10/14/24 9:00	3.8	254	7.1	1002
10/14/24 10:00	3.8	220	7.1	1001
10/14/24 11:00	3.6	318	7.1	1000
10/14/24 12:00	3.7	322	8.0	1000
10/14/24 13:00	3.5	254	8.0	999
10/14/24 14:00	3.4	347	8.0	998
10/14/24 15:00	3.1	332	8.0	998
10/14/24 16:00	3.4	321	8.1	998
10/14/24 17:00	2.8	326	8.1	998
10/14/24 18:00	2.1	284	8.0	999
10/14/24 19:00	1.3	221	7.7	999
10/14/24 20:00	1.1	185	6.7	999

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/9/24 11:00 to 10/23/24 11:00)

10/14/24 21:00	1.3	208	6.8	1000
10/14/24 22:00	2.8	279	6.4	1000
10/14/24 23:00	2.8	311	5.5	1001
10/15/24 0:00	1.9	265	3.4	1001
10/15/24 1:00	1.8	226	3.2	1002
10/15/24 2:00	2.0	213	3.0	1002
10/15/24 3:00	1.6	168	2.3	1002
10/15/24 4:00	1.1	137	1.8	1002
10/15/24 5:00	2.4	213	1.8	1002
10/15/24 6:00	1.5	204	1.8	1003
10/15/24 7:00	2.2	266	1.9	1003
10/15/24 8:00	2.9	269	5.0	1004
10/15/24 9:00	3.8	257	7.4	1004
10/15/24 10:00	4.5	266	9.2	1004
10/15/24 11:00	4.4	270	10.8	1004
10/15/24 12:00	4.8	279	12.0	1003
10/15/24 13:00	3.8	254	12.0	1002
10/15/24 14:00	4.0	248	12.0	1001
10/15/24 15:00	5.3	269	11.0	1001
10/15/24 16:00	5.9	266	11.2	1001
10/15/24 17:00	5.4	270	10.3	1002
10/15/24 18:00	3.9	264	8.8	1002
10/15/24 19:00	4.1	271	7.6	1003
10/15/24 20:00	3.7	258	7.0	1003
10/15/24 21:00	2.8	225	5.9	1003
10/15/24 22:00	2.0	234	4.2	1003
10/15/24 23:00	2.6	243	4.4	1003
10/16/24 0:00	2.9	255	5.8	1003
10/16/24 1:00	2.9	248	5.1	1002
10/16/24 2:00	3.6	261	5.7	1002
10/16/24 3:00	4.0	269	5.9	1003
10/16/24 4:00	3.9	265	6.0	1003
10/16/24 5:00	4.1	266	5.1	1004
10/16/24 6:00	4.1	267	4.2	1004
10/16/24 7:00	3.6	263	4.6	1005
10/16/24 8:00	4.5	269	6.5	1006
10/16/24 9:00	5.3	273	8.5	1007
10/16/24 10:00	5.6	303	9.0	1008
10/16/24 11:00	7.3	325	10.5	1008
10/16/24 12:00	6.0	321	11.1	1009
10/16/24 13:00	5.7	320	11.9	1009
10/16/24 14:00	6.3	323	12.3	1010
10/16/24 15:00	6.3	313	12.6	1011
10/16/24 16:00	6.3	301	11.5	1012

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/9/24 11:00 to 10/23/24 11:00)

10/16/24 17:00	4.7	305	9.4	1013
10/16/24 18:00	3.0	258	7.6	1014
10/16/24 19:00	3.0	288	6.3	1016
10/16/24 20:00	2.0	276	5.0	1016
10/16/24 21:00	2.2	217	4.1	1017
10/16/24 22:00	1.6	215	3.2	1018
10/16/24 23:00	1.6	165	2.6	1018
10/17/24 0:00	0.4	62	1.5	1019
10/17/24 1:00	1.1	163	0.7	1019
10/17/24 2:00	0.6	135	1.0	1020
10/17/24 3:00	0.5	81	-0.1	1020
10/17/24 4:00	1.7	280	-0.8	1021
10/17/24 5:00	1.8	251	-1.1	1021
10/17/24 6:00	1.4	196	-1.0	1022
10/17/24 7:00	2.3	285	-0.1	1022
10/17/24 8:00	2.5	271	2.8	1022
10/17/24 9:00	2.3	341	7.2	1022
10/17/24 10:00	3.6	333	9.5	1022
10/17/24 11:00	2.3	240	11.3	1021
10/17/24 12:00	3.4	172	11.3	1022
10/17/24 13:00	3.0	233	12.6	1022
10/17/24 14:00	2.3	219	13.0	1021
10/17/24 15:00	1.9	280	12.3	1021
10/17/24 16:00	1.9	141	11.3	1020
10/17/24 17:00	2.4	157	10.0	1020
10/17/24 18:00	0.7	89	7.7	1020
10/17/24 19:00	0.2	13	5.9	1020
10/17/24 20:00	0.5	92	5.0	1021
10/17/24 21:00	0.8	176	4.0	1021
10/17/24 22:00	0.5	89	2.8	1022
10/17/24 23:00	1.1	150	2.8	1022
10/18/24 0:00	1.8	285	2.4	1023
10/18/24 1:00	1.2	177	2.5	1023
10/18/24 2:00	1.1	145	2.6	1024
10/18/24 3:00	0.4	56	2.2	1024
10/18/24 4:00	1.8	205	2.3	1025
10/18/24 5:00	1.6	200	3.1	1025
10/18/24 6:00	1.8	268	2.9	1025
10/18/24 7:00	1.4	220	3.6	1026
10/18/24 8:00	1.0	157	6.9	1027
10/18/24 9:00	2.8	282	10.7	1028
10/18/24 10:00	4.0	39	12.5	1028
10/18/24 11:00	3.2	70	13.3	1028
10/18/24 12:00	2.3	84	14.4	1028

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/9/24 11:00 to 10/23/24 11:00)

10/18/24 13:00	3.0	181	16.3	1028
10/18/24 14:00	4.2	217	17.0	1028
10/18/24 15:00	3.4	247	17.0	1028
10/18/24 16:00	2.8	287	16.9	1028
10/18/24 17:00	0.9	107	14.7	1028
10/18/24 18:00	ND	ND	11.7	1029
10/18/24 19:00	0.2	12	9.5	1029
10/18/24 20:00	ND	ND	8.0	1029
10/18/24 21:00	0.6	87	6.8	1029
10/18/24 22:00	0.4	58	5.7	1030
10/18/24 23:00	0.5	84	5.6	1030
10/19/24 0:00	1.2	168	4.6	1030
10/19/24 1:00	1.2	165	4.2	1030
10/19/24 2:00	0.3	48	4.6	1030
10/19/24 3:00	0.4	55	3.5	1030
10/19/24 4:00	0.4	54	3.8	1030
10/19/24 5:00	1.9	243	3.8	1030
10/19/24 6:00	1.2	167	3.3	1030
10/19/24 7:00	0.2	27	3.7	1030
10/19/24 8:00	1.5	242	6.4	1030
10/19/24 9:00	1.7	243	9.3	1030
10/19/24 10:00	0.2	20	12.9	1029
10/19/24 11:00	0.7	91	15.3	1029
10/19/24 12:00	1.0	129	17.3	1028
10/19/24 13:00	2.4	147	17.9	1028
10/19/24 14:00	3.2	165	17.0	1027
10/19/24 15:00	2.8	154	16.2	1026
10/19/24 16:00	2.2	162	16.0	1026
10/19/24 17:00	2.3	175	13.6	1026
10/19/24 18:00	1.7	171	12.1	1025
10/19/24 19:00	0.5	59	11.2	1025
10/19/24 20:00	1.2	189	9.8	1025
10/19/24 21:00	0.6	108	8.6	1024
10/19/24 22:00	0.8	130	6.7	1024
10/19/24 23:00	0.9	123	6.1	1024
10/20/24 0:00	1.3	142	4.0	1023
10/20/24 1:00	0.2	25	4.5	1023
10/20/24 2:00	1.4	166	4.7	1023
10/20/24 3:00	0.9	123	3.4	1023
10/20/24 4:00	0.8	122	3.4	1023
10/20/24 5:00	0.6	114	2.5	1022
10/20/24 6:00	ND	ND	2.0	1022
10/20/24 7:00	0.8	111	2.4	1023
10/20/24 8:00	2.1	251	5.7	1023

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/9/24 11:00 to 10/23/24 11:00)

10/20/24 9:00	1.8	293	10.2	1022
10/20/24 10:00	1.3	239	14.4	1022
10/20/24 11:00	0.9	153	17.8	1021
10/20/24 12:00	1.4	116	19.6	1020
10/20/24 13:00	3.0	188	19.2	1019
10/20/24 14:00	3.3	163	18.9	1018
10/20/24 15:00	3.4	155	17.5	1018
10/20/24 16:00	2.9	177	16.7	1017
10/20/24 17:00	1.0	122	14.6	1017
10/20/24 18:00	0.7	87	11.9	1017
10/20/24 19:00	1.7	217	11.1	1017
10/20/24 20:00	0.7	94	8.4	1017
10/20/24 21:00	0.2	24	7.9	1016
10/20/24 22:00	0.5	75	8.0	1016
10/20/24 23:00	0.3	68	7.1	1016
10/21/24 0:00	0.2	23	7.7	1015
10/21/24 1:00	1.1	131	8.3	1015
10/21/24 2:00	0.2	2	7.5	1015
10/21/24 3:00	0.2	27	6.9	1015
10/21/24 4:00	ND	ND	7.2	1015
10/21/24 5:00	0.2	22	8.0	1015
10/21/24 6:00	1.6	199	8.7	1015
10/21/24 7:00	ND	ND	8.8	1016
10/21/24 8:00	1.5	157	13.7	1016
10/21/24 9:00	3.3	242	18.3	1016
10/21/24 10:00	4.4	258	21.3	1015
10/21/24 11:00	4.6	247	23.4	1015
10/21/24 12:00	5.1	242	24.2	1014
10/21/24 13:00	6.2	262	25.2	1013
10/21/24 14:00	6.4	264	25.0	1013
10/21/24 15:00	5.4	265	25.0	1013
10/21/24 16:00	4.1	260	24.9	1013
10/21/24 17:00	3.9	271	23.0	1014
10/21/24 18:00	2.5	247	20.5	1015
10/21/24 19:00	2.1	244	19.3	1015
10/21/24 20:00	2.0	173	17.0	1016
10/21/24 21:00	1.5	153	16.7	1016
10/21/24 22:00	1.1	146	14.0	1017
10/21/24 23:00	1.2	156	13.5	1017
10/22/24 0:00	0.8	114	12.9	1017
10/22/24 1:00	0.3	56	12.3	1018
10/22/24 2:00	0.2	29	11.5	1019
10/22/24 3:00	0.7	151	10.2	1019
10/22/24 4:00	1.2	182	10.2	1019

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

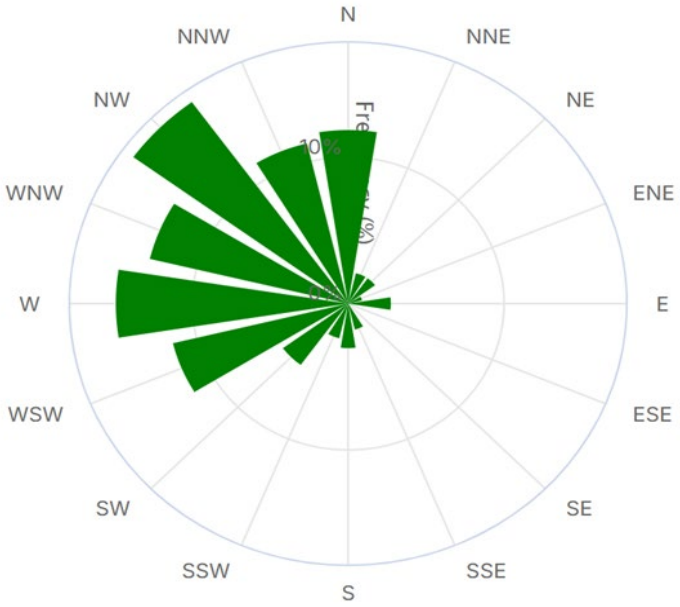
Portland International Jet Airport (PWM) Meteorological Data (10/9/24 11:00 to 10/23/24 11:00)

10/22/24 5:00	0.8	112	9.8	1020
10/22/24 6:00	2.0	228	9.6	1021
10/22/24 7:00	0.7	85	9.7	1022
10/22/24 8:00	0.2	31	13.2	1023
10/22/24 9:00	1.7	37	17.2	1023
10/22/24 10:00	3.3	60	18.6	1023
10/22/24 11:00	4.7	86	18.9	1024
10/22/24 12:00	5.6	81	17.9	1024
10/22/24 13:00	5.8	84	16.9	1023
10/22/24 14:00	5.0	93	16.0	1023
10/22/24 15:00	4.4	90	15.0	1023
10/22/24 16:00	3.9	86	13.6	1023
10/22/24 17:00	3.0	89	12.4	1022
10/22/24 18:00	1.9	82	11.6	1023
10/22/24 19:00	2.2	82	11.1	1022
10/22/24 20:00	1.8	73	11.0	1022
10/22/24 21:00	1.0	22	10.9	1022
10/22/24 22:00	0.2	29	10.3	1022
10/22/24 23:00	1.0	191	8.9	1022
10/23/24 0:00	0.3	59	9.1	1021
10/23/24 1:00	0.5	98	10.3	1020
10/23/24 2:00	1.0	212	10.9	1020
10/23/24 3:00	0.8	160	10.9	1019
10/23/24 4:00	0.2	35	10.9	1019
10/23/24 5:00	0.2	11	11.1	1018
10/23/24 6:00	ND	ND	11.0	1018
10/23/24 7:00	ND	ND	11.0	1017
10/23/24 8:00	1.4	141	11.0	1017
10/23/24 9:00	0.6	65	11.0	1017
10/23/24 10:00	1.6	144	11.9	1016
10/23/24 11:00	2.6	192	12.5	1015

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/9/24 11:00 to 10/23/24 11:00)

PWM Wind Rose 10/9/24 11:00 - 10/23/24 11:00



BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/23/24 11:00 to 11/6/24 11:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
10/23/24 11:00	2.6	192	12.5	1015
10/23/24 12:00	3.7	171	14.4	1014
10/23/24 13:00	4.4	167	15.7	1012
10/23/24 14:00	4.6	187	16.7	1011
10/23/24 15:00	3.8	173	17.4	1010
10/23/24 16:00	3.7	179	17.0	1009
10/23/24 17:00	3.8	178	15.7	1009
10/23/24 18:00	4.1	187	15.9	1009
10/23/24 19:00	4.6	193	16.6	1008
10/23/24 20:00	4.3	190	17.0	1008
10/23/24 21:00	3.3	189	17.0	1008
10/23/24 22:00	3.3	193	16.1	1008
10/23/24 23:00	2.3	196	15.7	1008
10/24/24 0:00	2.3	188	15.5	1007
10/24/24 1:00	0.6	83	14.6	1007
10/24/24 2:00	0.3	44	13.9	1007
10/24/24 3:00	0.5	91	13.0	1007
10/24/24 4:00	1.1	182	13.2	1007
10/24/24 5:00	2.3	316	14.1	1008
10/24/24 6:00	1.3	201	14.1	1008
10/24/24 7:00	2.3	309	14.0	1008
10/24/24 8:00	1.9	273	15.3	1009
10/24/24 9:00	4.3	337	15.9	1010
10/24/24 10:00	6.5	336	17.9	1010
10/24/24 11:00	6.2	333	18.8	1009
10/24/24 12:00	6.0	248	19.0	1009
10/24/24 13:00	5.6	283	19.6	1009
10/24/24 14:00	5.9	345	18.3	1009
10/24/24 15:00	4.1	339	18.0	1009
10/24/24 16:00	4.4	340	17.9	1009
10/24/24 17:00	4.0	348	16.4	1010
10/24/24 18:00	4.3	354	14.2	1011
10/24/24 19:00	5.4	353	13.1	1012
10/24/24 20:00	4.3	320	11.6	1013
10/24/24 21:00	4.6	358	10.9	1014
10/24/24 22:00	3.7	360	9.4	1014
10/24/24 23:00	3.9	345	8.0	1014
10/25/24 0:00	4.2	333	8.0	1014
10/25/24 1:00	3.8	336	7.5	1014
10/25/24 2:00	3.9	339	7.0	1015
10/25/24 3:00	3.7	334	7.0	1015
10/25/24 4:00	3.0	333	6.9	1015

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/23/24 11:00 to 11/6/24 11:00)

10/25/24 5:00	3.5	319	6.3	1015
10/25/24 6:00	3.6	332	5.9	1016
10/25/24 7:00	2.8	329	5.5	1017
10/25/24 8:00	3.1	328	7.7	1017
10/25/24 9:00	4.1	342	10.0	1017
10/25/24 10:00	3.7	316	11.4	1017
10/25/24 11:00	3.4	307	12.5	1016
10/25/24 12:00	3.5	332	13.3	1015
10/25/24 13:00	2.9	280	14.0	1014
10/25/24 14:00	1.9	192	14.7	1014
10/25/24 15:00	4.2	167	12.5	1013
10/25/24 16:00	3.4	170	11.6	1013
10/25/24 17:00	2.8	184	10.6	1013
10/25/24 18:00	2.9	200	9.8	1013
10/25/24 19:00	2.0	206	9.0	1013
10/25/24 20:00	1.1	157	8.5	1013
10/25/24 21:00	2.8	209	8.6	1013
10/25/24 22:00	2.7	213	9.0	1012
10/25/24 23:00	1.5	201	9.0	1012
10/26/24 0:00	0.3	54	8.8	1011
10/26/24 1:00	1.0	139	7.8	1011
10/26/24 2:00	2.7	276	7.0	1011
10/26/24 3:00	2.5	276	7.9	1010
10/26/24 4:00	2.1	271	8.6	1010
10/26/24 5:00	1.7	239	7.4	1010
10/26/24 6:00	1.5	214	6.5	1010
10/26/24 7:00	0.7	112	5.6	1010
10/26/24 8:00	0.5	83	8.4	1010
10/26/24 9:00	3.9	251	13.0	1010
10/26/24 10:00	6.0	272	14.9	1010
10/26/24 11:00	7.0	281	16.2	1010
10/26/24 12:00	7.6	294	15.4	1010
10/26/24 13:00	7.4	308	15.4	1010
10/26/24 14:00	7.6	315	14.8	1010
10/26/24 15:00	7.5	317	14.1	1011
10/26/24 16:00	7.2	318	13.0	1012
10/26/24 17:00	6.3	316	11.3	1014
10/26/24 18:00	5.1	321	10.3	1015
10/26/24 19:00	4.3	307	8.8	1016
10/26/24 20:00	3.5	290	7.3	1017
10/26/24 21:00	2.9	271	7.1	1017
10/26/24 22:00	0.5	62	4.8	1018
10/26/24 23:00	2.0	253	4.2	1018
10/27/24 0:00	3.2	267	4.6	1019

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/23/24 11:00 to 11/6/24 11:00)

10/27/24 1:00	2.6	268	4.6	1019
10/27/24 2:00	2.5	281	2.9	1020
10/27/24 3:00	3.6	286	2.0	1020
10/27/24 4:00	3.3	283	2.1	1021
10/27/24 5:00	3.6	278	1.8	1022
10/27/24 6:00	3.9	280	1.7	1023
10/27/24 7:00	2.3	247	2.0	1023
10/27/24 8:00	2.6	246	3.2	1023
10/27/24 9:00	3.7	251	5.6	1023
10/27/24 10:00	5.6	259	7.2	1023
10/27/24 11:00	5.6	256	8.7	1021
10/27/24 12:00	7.2	260	9.8	1021
10/27/24 13:00	7.2	261	10.8	1020
10/27/24 14:00	7.7	262	11.5	1019
10/27/24 15:00	5.2	264	11.4	1020
10/27/24 16:00	5.6	266	11.3	1020
10/27/24 17:00	4.3	271	9.9	1020
10/27/24 18:00	2.4	248	8.5	1020
10/27/24 19:00	2.1	247	7.3	1020
10/27/24 20:00	2.0	273	5.1	1021
10/27/24 21:00	1.1	51	4.4	1022
10/27/24 22:00	2.6	283	2.8	1023
10/27/24 23:00	6.6	350	3.6	1024
10/28/24 0:00	4.4	343	3.0	1024
10/28/24 1:00	4.9	343	3.0	1025
10/28/24 2:00	4.0	352	3.0	1025
10/28/24 3:00	4.7	355	3.0	1026
10/28/24 4:00	4.5	352	3.0	1026
10/28/24 5:00	3.8	353	2.0	1027
10/28/24 6:00	4.4	344	1.4	1028
10/28/24 7:00	3.2	324	0.4	1029
10/28/24 8:00	3.4	335	1.8	1029
10/28/24 9:00	4.4	333	3.6	1030
10/28/24 10:00	4.7	316	4.9	1030
10/28/24 11:00	4.4	320	6.7	1030
10/28/24 12:00	3.8	316	7.5	1029
10/28/24 13:00	3.4	334	8.1	1029
10/28/24 14:00	4.4	317	8.7	1029
10/28/24 15:00	4.2	317	8.8	1029
10/28/24 16:00	3.1	328	7.7	1029
10/28/24 17:00	1.8	300	6.0	1029
10/28/24 18:00	1.2	139	4.2	1030
10/28/24 19:00	2.1	249	3.8	1030
10/28/24 20:00	0.4	62	0.7	1031

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/23/24 11:00 to 11/6/24 11:00)

10/28/24 21:00	ND	ND	-0.1	1032
10/28/24 22:00	0.8	139	-1.7	1032
10/28/24 23:00	0.8	139	-1.7	1032
10/29/24 0:00	0.6	109	-2.7	1032
10/29/24 1:00	1.1	146	-3.2	1032
10/29/24 2:00	2.0	282	-3.4	1032
10/29/24 3:00	0.6	129	-3.6	1032
10/29/24 4:00	1.2	204	-2.6	1033
10/29/24 5:00	0.8	164	-1.9	1033
10/29/24 6:00	1.1	242	-1.1	1033
10/29/24 7:00	1.4	269	0.4	1033
10/29/24 8:00	2.1	344	1.4	1033
10/29/24 9:00	2.3	342	2.5	1033
10/29/24 10:00	1.0	203	4.4	1033
10/29/24 11:00	0.3	35	6.4	1033
10/29/24 12:00	ND	ND	7.7	1033
10/29/24 13:00	2.3	99	8.8	1032
10/29/24 14:00	4.0	177	10.0	1031
10/29/24 15:00	4.1	185	9.7	1031
10/29/24 16:00	3.6	181	9.2	1030
10/29/24 17:00	3.0	182	9.0	1030
10/29/24 18:00	3.1	184	9.6	1030
10/29/24 19:00	3.4	185	10.0	1030
10/29/24 20:00	3.8	186	10.5	1030
10/29/24 21:00	3.6	190	10.8	1030
10/29/24 22:00	3.8	187	11.0	1029
10/29/24 23:00	3.5	183	10.8	1030
10/30/24 0:00	2.6	181	9.2	1030
10/30/24 1:00	2.8	184	9.0	1029
10/30/24 2:00	3.0	177	9.0	1028
10/30/24 3:00	3.4	173	9.1	1027
10/30/24 4:00	3.7	167	9.0	1027
10/30/24 5:00	3.5	170	9.0	1027
10/30/24 6:00	4.0	173	9.0	1027
10/30/24 7:00	3.9	166	9.0	1027
10/30/24 8:00	4.4	171	9.7	1026
10/30/24 9:00	4.0	168	10.2	1026
10/30/24 10:00	4.2	175	11.0	1025
10/30/24 11:00	4.3	184	11.0	1024
10/30/24 12:00	3.5	192	11.6	1023
10/30/24 13:00	3.7	188	12.0	1022
10/30/24 14:00	3.4	189	12.4	1021
10/30/24 15:00	2.8	178	13.0	1021
10/30/24 16:00	1.7	162	13.0	1020

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/23/24 11:00 to 11/6/24 11:00)

10/30/24 17:00	1.1	142	12.5	1019
10/30/24 18:00	0.5	48	12.4	1019
10/30/24 19:00	1.2	124	12.0	1019
10/30/24 20:00	0.2	18	12.0	1018
10/30/24 21:00	1.6	211	12.0	1018
10/30/24 22:00	0.8	123	12.0	1018
10/30/24 23:00	1.0	138	12.0	1017
10/31/24 0:00	1.2	163	12.0	1016
10/31/24 1:00	1.5	169	11.5	1016
10/31/24 2:00	2.2	229	11.0	1015
10/31/24 3:00	2.5	229	11.1	1014
10/31/24 4:00	1.9	226	11.0	1014
10/31/24 5:00	1.0	121	10.4	1014
10/31/24 6:00	ND	ND	9.4	1014
10/31/24 7:00	0.6	81	9.7	1014
10/31/24 8:00	0.7	81	11.2	1014
10/31/24 9:00	2.6	231	14.3	1014
10/31/24 10:00	2.3	222	18.1	1014
10/31/24 11:00	3.4	222	21.0	1013
10/31/24 12:00	4.4	226	22.8	1012
10/31/24 13:00	4.6	228	24.0	1011
10/31/24 14:00	4.3	226	24.1	1011
10/31/24 15:00	4.2	228	24.2	1010
10/31/24 16:00	3.5	217	23.9	1010
10/31/24 17:00	2.0	156	20.6	1010
10/31/24 18:00	2.7	173	18.5	1010
10/31/24 19:00	2.4	191	18.4	1010
10/31/24 20:00	2.5	159	17.3	1009
10/31/24 21:00	3.3	200	18.9	1009
10/31/24 22:00	4.5	221	20.0	1008
10/31/24 23:00	4.7	226	20.0	1008
11/1/24 0:00	4.1	227	ND	1007
11/1/24 1:00	3.7	235	ND	1006
11/1/24 2:00	3.6	217	ND	1006
11/1/24 3:00	4.8	218	ND	1005
11/1/24 4:00	4.6	217	20.0	1005
11/1/24 5:00	3.0	201	20.0	1004
11/1/24 6:00	2.8	169	16.1	1004
11/1/24 7:00	3.0	221	18.7	1004
11/1/24 8:00	3.9	232	19.3	1004
11/1/24 9:00	3.3	226	20.0	1004
11/1/24 10:00	3.5	241	21.0	1004
11/1/24 11:00	5.3	258	22.2	1004
11/1/24 12:00	9.0	277	22.5	1004

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/23/24 11:00 to 11/6/24 11:00)

11/1/24 13:00	8.9	273	22.9	1004
11/1/24 14:00	8.8	269	22.9	1004
11/1/24 15:00	8.2	272	22.7	1005
11/1/24 16:00	8.3	290	21.2	1006
11/1/24 17:00	7.2	301	18.5	1008
11/1/24 18:00	6.1	312	16.6	1010
11/1/24 19:00	5.0	306	15.3	1011
11/1/24 20:00	4.7	311	14.0	1012
11/1/24 21:00	4.3	317	13.4	1013
11/1/24 22:00	3.7	311	12.6	1014
11/1/24 23:00	3.3	323	12.2	1014
11/2/24 0:00	2.5	98	12.0	1015
11/2/24 1:00	3.5	151	11.5	1016
11/2/24 2:00	2.9	131	10.4	1016
11/2/24 3:00	4.3	286	9.0	1017
11/2/24 4:00	4.0	285	8.0	1018
11/2/24 5:00	4.0	182	8.0	1019
11/2/24 6:00	5.3	347	7.5	1019
11/2/24 7:00	4.0	348	7.0	1020
11/2/24 8:00	3.8	218	7.0	1021
11/2/24 9:00	3.2	321	7.5	1022
11/2/24 10:00	4.7	320	8.2	1022
11/2/24 11:00	6.3	340	8.8	1022
11/2/24 12:00	5.0	345	9.2	1022
11/2/24 13:00	4.7	271	9.6	1022
11/2/24 14:00	4.7	247	9.9	1022
11/2/24 15:00	4.2	337	8.1	1022
11/2/24 16:00	3.3	338	7.5	1023
11/2/24 17:00	3.0	349	6.3	1023
11/2/24 18:00	2.5	347	5.1	1024
11/2/24 19:00	2.7	342	3.6	1025
11/2/24 20:00	2.8	348	2.5	1025
11/2/24 21:00	1.5	350	2.7	1026
11/2/24 22:00	1.6	348	1.5	1026
11/2/24 23:00	2.1	345	0.5	1026
11/3/24 0:00	1.1	210	-1.1	1026
11/3/24 1:00	0.7	112	-2.5	1027
11/3/24 2:00	2.6	290	-3.5	1027
11/3/24 3:00	1.7	232	-3.2	1028
11/3/24 4:00	1.9	276	-3.3	1028
11/3/24 5:00	1.5	259	-3.5	1028
11/3/24 6:00	1.0	142	-1.1	1029
11/3/24 7:00	2.1	261	2.5	1029
11/3/24 8:00	2.9	319	4.6	1029

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/23/24 11:00 to 11/6/24 11:00)

11/3/24 9:00	3.1	336	6.0	1029
11/3/24 10:00	4.3	305	6.8	1028
11/3/24 11:00	3.0	313	7.8	1028
11/3/24 12:00	4.3	303	8.0	1028
11/3/24 13:00	4.0	320	8.1	1028
11/3/24 14:00	2.9	309	7.8	1028
11/3/24 15:00	1.8	274	6.8	1028
11/3/24 16:00	1.4	223	4.8	1029
11/3/24 17:00	0.2	26	2.8	1029
11/3/24 18:00	0.5	93	1.4	1030
11/3/24 19:00	0.5	82	0.9	1030
11/3/24 20:00	0.5	99	0.8	1031
11/3/24 21:00	1.6	222	-1.0	1031
11/3/24 22:00	1.5	303	-0.8	1031
11/3/24 23:00	2.4	291	-1.8	1032
11/4/24 0:00	1.4	267	-2.2	1032
11/4/24 1:00	1.8	280	-1.8	1032
11/4/24 2:00	1.2	231	-2.1	1032
11/4/24 3:00	0.9	188	-1.9	1032
11/4/24 4:00	1.4	214	-2.2	1032
11/4/24 5:00	2.5	290	-1.4	1033
11/4/24 6:00	1.1	140	0.2	1034
11/4/24 7:00	0.5	72	2.3	1033
11/4/24 8:00	1.8	18	4.3	1033
11/4/24 9:00	1.1	24	5.6	1033
11/4/24 10:00	1.6	58	6.7	1032
11/4/24 11:00	0.2	32	7.5	1031
11/4/24 12:00	1.0	161	8.1	1030
11/4/24 13:00	2.2	159	8.6	1029
11/4/24 14:00	2.7	187	8.0	1029
11/4/24 15:00	1.4	134	7.9	1028
11/4/24 16:00	ND	ND	7.5	1028
11/4/24 17:00	0.5	73	7.1	1027
11/4/24 18:00	1.2	145	7.2	1026
11/4/24 19:00	1.2	179	7.0	1026
11/4/24 20:00	1.1	145	7.0	1025
11/4/24 21:00	1.1	123	7.4	1024
11/4/24 22:00	4.4	201	8.9	1023
11/4/24 23:00	4.9	208	9.9	1022
11/5/24 0:00	4.7	205	10.2	1021
11/5/24 1:00	4.7	202	11.0	1020
11/5/24 2:00	3.6	216	10.9	1020
11/5/24 3:00	3.1	220	10.2	1020
11/5/24 4:00	3.1	216	9.6	1020

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

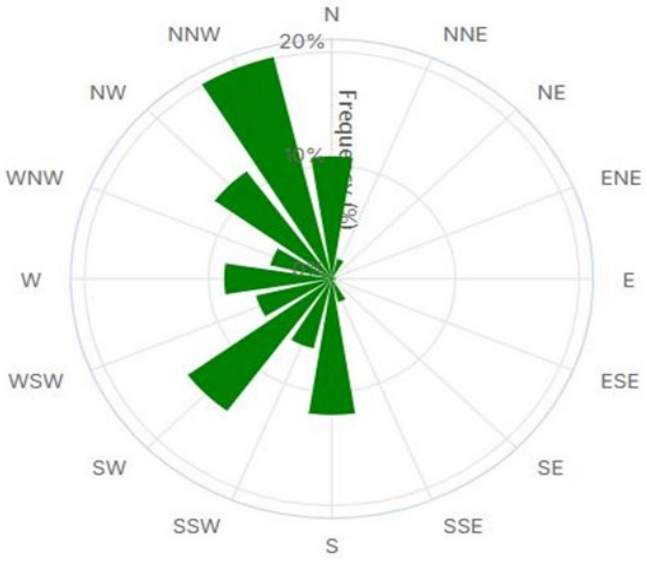
Portland International Jet Airport (PWM) Meteorological Data (10/23/24 11:00 to 11/6/24 11:00)

11/5/24 5:00	3.2	219	9.0	1019
11/5/24 6:00	2.9	216	9.6	1019
11/5/24 7:00	3.2	214	10.3	1018
11/5/24 8:00	3.0	229	11.0	1018
11/5/24 9:00	2.7	228	11.7	1017
11/5/24 10:00	3.7	242	14.0	1016
11/5/24 11:00	3.5	238	15.3	1015
11/5/24 12:00	4.0	220	16.5	1015
11/5/24 13:00	3.5	227	17.4	1014
11/5/24 14:00	2.8	200	17.1	1014
11/5/24 15:00	1.5	173	15.4	1013
11/5/24 16:00	1.7	154	13.1	1013
11/5/24 17:00	2.3	217	13.5	1012
11/5/24 18:00	2.2	193	13.3	1012
11/5/24 19:00	0.5	50	12.0	1012
11/5/24 20:00	0.4	54	11.0	1011
11/5/24 21:00	1.3	196	12.0	1011
11/5/24 22:00	3.1	219	15.4	1011
11/5/24 23:00	3.6	221	16.0	1010
11/6/24 0:00	3.0	230	16.0	1010
11/6/24 1:00	3.9	228	16.0	1010
11/6/24 2:00	4.5	219	16.0	1009
11/6/24 3:00	4.1	228	16.0	1009
11/6/24 4:00	4.3	228	16.0	1009
11/6/24 5:00	4.2	222	16.0	1009
11/6/24 6:00	4.5	217	16.6	1009
11/6/24 7:00	5.4	229	18.1	1008
11/6/24 8:00	4.9	234	19.7	1008
11/6/24 9:00	5.0	238	21.0	1007
11/6/24 10:00	5.4	228	23.0	1006
11/6/24 11:00	6.1	254	25.1	1005

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (10/23/24 11:00 to 11/6/24 11:00)

PWM Wind Rose 10/23/24 11:00 - 11/6/24 11:00



BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/6/24 11:00 to 11/20/24 10:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
11/6/24 11:00	6.1	254	25.1	1005
11/6/24 12:00	6.3	262	24.8	1005
11/6/24 13:00	6.5	262	24.6	1005
11/6/24 14:00	7.0	257	23.9	1006
11/6/24 15:00	6.9	254	23.0	1006
11/6/24 16:00	5.0	261	22.4	1007
11/6/24 17:00	4.2	251	21.8	1007
11/6/24 18:00	3.3	253	20.7	1008
11/6/24 19:00	3.0	242	19.3	1008
11/6/24 20:00	3.6	245	18.8	1008
11/6/24 21:00	3.0	303	17.2	1009
11/6/24 22:00	2.2	208	17.0	1009
11/6/24 23:00	1.2	105	14.5	1009
11/7/24 0:00	2.9	265	15.6	1010
11/7/24 1:00	2.0	269	13.8	1010
11/7/24 2:00	2.6	273	13.9	1010
11/7/24 3:00	1.8	214	12.6	1010
11/7/24 4:00	2.9	261	13.9	1010
11/7/24 5:00	2.5	261	14.3	1010
11/7/24 6:00	2.7	242	15.5	1010
11/7/24 7:00	3.4	250	16.1	1010
11/7/24 8:00	4.7	267	17.5	1010
11/7/24 9:00	5.6	318	17.8	1010
11/7/24 10:00	5.3	328	17.1	1010
11/7/24 11:00	7.8	317	17.6	1010
11/7/24 12:00	6.4	324	17.3	1011
11/7/24 13:00	5.9	318	15.7	1011
11/7/24 14:00	5.0	326	14.0	1011
11/7/24 15:00	4.0	326	12.3	1012
11/7/24 16:00	2.7	343	10.6	1013
11/7/24 17:00	1.6	226	8.9	1014
11/7/24 18:00	1.0	164	7.9	1014
11/7/24 19:00	0.5	84	5.6	1014
11/7/24 20:00	0.9	95	4.5	1014
11/7/24 21:00	1.2	172	5.2	1013
11/7/24 22:00	1.0	160	3.5	1013
11/7/24 23:00	0.5	75	3.4	1013
11/8/24 0:00	1.9	232	2.6	1012
11/8/24 1:00	1.1	147	3.1	1012
11/8/24 2:00	1.7	220	3.6	1011
11/8/24 3:00	2.5	227	4.0	1010
11/8/24 4:00	3.4	230	4.0	1010

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/6/24 11:00 to 11/20/24 10:00)

11/8/24 5:00	2.9	230	4.0	1009
11/8/24 6:00	4.0	223	5.9	1008
11/8/24 7:00	4.1	228	7.5	1007
11/8/24 8:00	4.6	239	9.9	1006
11/8/24 9:00	5.9	260	11.9	1004
11/8/24 10:00	8.0	269	13.0	1003
11/8/24 11:00	9.2	265	14.0	1002
11/8/24 12:00	7.7	262	14.5	1001
11/8/24 13:00	6.2	271	14.0	1001
11/8/24 14:00	7.0	275	13.6	1001
11/8/24 15:00	7.4	296	12.4	1003
11/8/24 16:00	6.1	287	10.7	1003
11/8/24 17:00	4.9	296	9.5	1005
11/8/24 18:00	3.2	266	7.5	1006
11/8/24 19:00	5.6	297	7.5	1007
11/8/24 20:00	5.5	306	6.8	1007
11/8/24 21:00	4.1	294	4.7	1008
11/8/24 22:00	5.4	308	5.5	1009
11/8/24 23:00	8.0	322	7.0	1010
11/9/24 0:00	8.3	320	6.8	1011
11/9/24 1:00	7.4	321	6.0	1012
11/9/24 2:00	7.1	324	5.9	1012
11/9/24 3:00	7.4	336	5.1	1014
11/9/24 4:00	7.0	337	4.4	1015
11/9/24 5:00	6.6	329	4.0	1016
11/9/24 6:00	6.4	326	4.6	1018
11/9/24 7:00	7.9	332	5.9	1019
11/9/24 8:00	8.1	327	6.4	1019
11/9/24 9:00	9.0	324	7.3	1019
11/9/24 10:00	8.7	321	8.0	1018
11/9/24 11:00	8.0	322	8.3	1019
11/9/24 12:00	7.7	322	9.0	1019
11/9/24 13:00	6.4	338	8.6	1020
11/9/24 14:00	4.4	337	7.7	1021
11/9/24 15:00	3.0	341	6.2	1022
11/9/24 16:00	3.2	349	4.7	1023
11/9/24 17:00	2.7	302	4.5	1024
11/9/24 18:00	3.2	278	3.2	1025
11/9/24 19:00	1.5	261	2.5	1025
11/9/24 20:00	0.9	136	1.4	1025
11/9/24 21:00	2.4	276	0.5	1025
11/9/24 22:00	1.1	133	-0.8	1025
11/9/24 23:00	0.8	104	-1.3	1025
11/10/24 0:00	0.2	28	-2.2	1025

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/6/24 11:00 to 11/20/24 10:00)

11/10/24 1:00	0.9	143	-2.5	1025
11/10/24 2:00	0.3	54	-2.4	1025
11/10/24 3:00	0.2	26	-2.9	1025
11/10/24 4:00	0.2	29	-3.3	1024
11/10/24 5:00	ND	ND	-3.1	1024
11/10/24 6:00	0.2	24	-0.7	1024
11/10/24 7:00	1.7	207	2.0	1023
11/10/24 8:00	3.9	222	6.1	1022
11/10/24 9:00	5.0	216	8.4	1021
11/10/24 10:00	5.7	223	9.3	1019
11/10/24 11:00	4.9	224	10.7	1018
11/10/24 12:00	4.0	220	11.9	1016
11/10/24 13:00	3.7	208	12.1	1015
11/10/24 14:00	3.3	216	11.5	1015
11/10/24 15:00	2.3	191	10.2	1014
11/10/24 16:00	2.7	201	9.5	1014
11/10/24 17:00	1.8	178	9.1	1013
11/10/24 18:00	1.8	212	9.6	1012
11/10/24 19:00	2.8	204	10.4	1011
11/10/24 20:00	2.4	204	9.0	1010
11/10/24 21:00	3.0	202	9.0	1009
11/10/24 22:00	4.4	202	9.0	1008
11/10/24 23:00	4.1	206	9.0	1007
11/11/24 0:00	3.3	210	9.0	1006
11/11/24 1:00	2.8	199	8.1	1004
11/11/24 2:00	2.5	219	8.0	1003
11/11/24 3:00	1.6	210	8.0	1001
11/11/24 4:00	2.8	224	8.9	1000
11/11/24 5:00	2.8	232	9.1	1000
11/11/24 6:00	3.5	226	9.3	1000
11/11/24 7:00	4.4	219	10.9	999
11/11/24 8:00	4.5	221	13.0	999
11/11/24 9:00	4.8	225	15.1	998
11/11/24 10:00	6.1	250	17.1	998
11/11/24 11:00	7.9	265	18.0	997
11/11/24 12:00	7.8	280	18.8	997
11/11/24 13:00	7.2	267	17.2	997
11/11/24 14:00	7.7	276	16.7	998
11/11/24 15:00	5.2	264	15.5	998
11/11/24 16:00	3.5	245	14.2	999
11/11/24 17:00	2.8	243	13.4	999
11/11/24 18:00	2.4	227	12.4	999
11/11/24 19:00	1.8	210	11.5	999
11/11/24 20:00	2.5	196	10.7	999

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/6/24 11:00 to 11/20/24 10:00)

11/11/24 21:00	1.8	219	11.0	999
11/11/24 22:00	2.2	213	11.0	998
11/11/24 23:00	1.7	195	11.0	998
11/12/24 0:00	2.4	232	10.1	998
11/12/24 1:00	3.7	243	10.4	998
11/12/24 2:00	4.2	260	10.4	998
11/12/24 3:00	4.0	262	10.4	999
11/12/24 4:00	3.3	273	9.7	1000
11/12/24 5:00	4.7	303	8.8	1002
11/12/24 6:00	7.4	329	9.1	1004
11/12/24 7:00	9.5	322	9.0	1006
11/12/24 8:00	10.5	322	9.0	1006
11/12/24 9:00	10.7	321	8.9	1007
11/12/24 10:00	9.7	322	8.9	1009
11/12/24 11:00	9.7	323	8.4	1010
11/12/24 12:00	9.5	319	8.0	1011
11/12/24 13:00	10.3	326	7.3	1012
11/12/24 14:00	8.8	329	6.0	1014
11/12/24 15:00	7.7	332	6.0	1016
11/12/24 16:00	6.5	326	5.2	1017
11/12/24 17:00	7.1	324	4.1	1019
11/12/24 18:00	7.6	326	3.4	1020
11/12/24 19:00	7.4	335	2.6	1021
11/12/24 20:00	8.1	342	2.0	1022
11/12/24 21:00	6.8	340	1.9	1023
11/12/24 22:00	5.6	332	1.0	1023
11/12/24 23:00	3.6	340	0.2	1024
11/13/24 0:00	2.5	342	-1.2	1025
11/13/24 1:00	3.6	324	-1.3	1025
11/13/24 2:00	4.2	326	-1.3	1026
11/13/24 3:00	4.1	336	-1.1	1027
11/13/24 4:00	4.0	347	-1.8	1028
11/13/24 5:00	4.8	256	-1.1	1029
11/13/24 6:00	6.4	322	-0.5	1030
11/13/24 7:00	6.6	319	1.3	1030
11/13/24 8:00	7.1	220	2.2	1031
11/13/24 9:00	7.3	218	3.2	1031
11/13/24 10:00	5.8	251	4.5	1030
11/13/24 11:00	6.5	181	5.6	1030
11/13/24 12:00	6.4	313	6.0	1029
11/13/24 13:00	6.0	282	5.9	1030
11/13/24 14:00	5.7	285	4.6	1030
11/13/24 15:00	3.9	288	3.5	1030
11/13/24 16:00	3.5	48	2.3	1030

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/6/24 11:00 to 11/20/24 10:00)

11/13/24 17:00	3.8	87	2.0	1030
11/13/24 18:00	3.2	153	1.4	1030
11/13/24 19:00	2.8	229	0.6	1031
11/13/24 20:00	4.3	82	1.0	1030
11/13/24 21:00	2.7	216	-0.2	1030
11/13/24 22:00	2.9	338	-1.3	1030
11/13/24 23:00	3.2	312	-1.9	1030
11/14/24 0:00	3.4	350	-2.5	1029
11/14/24 1:00	2.6	324	-2.7	1029
11/14/24 2:00	2.8	287	-2.6	1028
11/14/24 3:00	2.6	221	-2.7	1027
11/14/24 4:00	2.1	52	-2.9	1027
11/14/24 5:00	3.1	350	-3.6	1028
11/14/24 6:00	3.9	218	-1.9	1027
11/14/24 7:00	5.0	15	0.2	1027
11/14/24 8:00	4.4	287	2.2	1026
11/14/24 9:00	4.7	285	3.7	1025
11/14/24 10:00	4.6	347	5.3	1024
11/14/24 11:00	3.9	313	6.1	1023
11/14/24 12:00	3.4	306	7.0	1021
11/14/24 13:00	4.3	280	7.0	1020
11/14/24 14:00	3.8	315	5.6	1020
11/14/24 15:00	2.1	344	4.0	1019
11/14/24 16:00	1.4	289	2.6	1018
11/14/24 17:00	1.2	228	-0.8	1018
11/14/24 18:00	1.1	195	-1.8	1018
11/14/24 19:00	2.7	343	-1.8	1017
11/14/24 20:00	1.4	275	-1.0	1017
11/14/24 21:00	2.0	241	-2.9	1015
11/14/24 22:00	2.5	291	-3.2	1014
11/14/24 23:00	1.8	181	-3.8	1014
11/15/24 0:00	0.8	117	-3.7	1013
11/15/24 1:00	1.8	222	-3.4	1012
11/15/24 2:00	2.5	250	-3.8	1011
11/15/24 3:00	2.2	279	-3.8	1010
11/15/24 4:00	1.0	115	-4.5	1009
11/15/24 5:00	1.6	217	-4.0	1008
11/15/24 6:00	2.2	285	-2.5	1007
11/15/24 7:00	3.6	296	1.0	1007
11/15/24 8:00	4.0	309	5.8	1006
11/15/24 9:00	4.9	312	9.6	1005
11/15/24 10:00	6.0	320	12.0	1003
11/15/24 11:00	7.8	320	13.2	1002
11/15/24 12:00	7.5	316	13.3	1001

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/6/24 11:00 to 11/20/24 10:00)

11/15/24 13:00	6.1	314	13.0	1000
11/15/24 14:00	5.2	318	12.2	1000
11/15/24 15:00	4.4	326	11.6	1000
11/15/24 16:00	4.9	326	11.0	1000
11/15/24 17:00	4.4	325	10.3	1000
11/15/24 18:00	4.6	333	9.5	1001
11/15/24 19:00	5.7	338	8.9	1001
11/15/24 20:00	3.5	325	8.7	1001
11/15/24 21:00	2.9	307	8.0	1001
11/15/24 22:00	2.2	318	7.6	1000
11/15/24 23:00	1.7	198	6.8	1000
11/16/24 0:00	2.9	266	7.0	1000
11/16/24 1:00	1.1	180	6.3	1000
11/16/24 2:00	1.4	228	5.2	1001
11/16/24 3:00	1.9	234	4.2	1001
11/16/24 4:00	2.4	267	3.3	1001
11/16/24 5:00	1.0	124	3.5	1001
11/16/24 6:00	1.1	155	5.8	1002
11/16/24 7:00	1.8	289	0.1	1003
11/16/24 8:00	5.3	339	10.6	1003
11/16/24 9:00	5.6	343	10.3	1003
11/16/24 10:00	6.2	322	11.3	1003
11/16/24 11:00	6.7	326	11.0	1003
11/16/24 12:00	7.0	309	11.7	1003
11/16/24 13:00	5.8	318	12.0	1004
11/16/24 14:00	4.2	323	11.4	1005
11/16/24 15:00	3.9	315	10.9	1005
11/16/24 16:00	3.7	312	9.2	1006
11/16/24 17:00	5.2	331	9.0	1007
11/16/24 18:00	4.0	341	7.8	1007
11/16/24 19:00	2.5	293	6.7	1008
11/16/24 20:00	1.0	131	5.0	1008
11/16/24 21:00	1.4	147	3.8	1008
11/16/24 22:00	1.0	129	2.5	1008
11/16/24 23:00	2.3	208	2.0	1008
11/17/24 0:00	1.6	235	3.5	1009
11/17/24 1:00	2.6	201	3.6	1009
11/17/24 2:00	2.2	318	3.4	1010
11/17/24 3:00	2.3	302	1.8	1010
11/17/24 4:00	0.8	196	2.0	1011
11/17/24 5:00	0.9	122	0.5	1011
11/17/24 6:00	0.5	88	1.9	1012
11/17/24 7:00	0.2	28	6.5	1012
11/17/24 8:00	3.1	274	9.7	1012

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/6/24 11:00 to 11/20/24 10:00)

11/17/24 9:00	4.8	334	11.7	1011
11/17/24 10:00	4.2	327	12.6	1010
11/17/24 11:00	6.0	309	13.5	1010
11/17/24 12:00	6.0	318	14.1	1009
11/17/24 13:00	5.2	326	14.5	1009
11/17/24 14:00	3.9	319	13.6	1009
11/17/24 15:00	2.4	307	11.1	1009
11/17/24 16:00	3.2	316	9.1	1009
11/17/24 17:00	3.3	309	8.0	1009
11/17/24 18:00	1.7	139	7.5	1009
11/17/24 19:00	0.8	105	5.6	1009
11/17/24 20:00	1.4	111	3.4	1009
11/17/24 21:00	0.4	58	3.0	1009
11/17/24 22:00	1.8	178	2.8	1009
11/17/24 23:00	0.3	33	2.7	1009
11/18/24 0:00	1.5	150	1.8	1007
11/18/24 1:00	2.2	168	3.2	1006
11/18/24 2:00	1.9	198	3.1	1007
11/18/24 3:00	0.5	13	2.9	1006
11/18/24 4:00	1.9	203	3.1	1006
11/18/24 5:00	0.5	79	2.7	1007
11/18/24 6:00	0.4	69	3.6	1007
11/18/24 7:00	0.2	56	4.9	1006
11/18/24 8:00	1.6	126	6.8	1005
11/18/24 9:00	2.7	265	8.7	1005
11/18/24 10:00	2.9	302	11.7	1004
11/18/24 11:00	3.3	313	13.5	1003
11/18/24 12:00	5.5	319	13.9	1003
11/18/24 13:00	6.3	306	13.7	1003
11/18/24 14:00	3.8	316	12.5	1004
11/18/24 15:00	2.5	327	10.2	1004
11/18/24 16:00	2.6	294	9.6	1004
11/18/24 17:00	4.0	318	10.3	1005
11/18/24 18:00	3.5	302	8.4	1005
11/18/24 19:00	4.4	323	8.6	1005
11/18/24 20:00	5.0	325	8.8	1005
11/18/24 21:00	4.6	313	7.8	1005
11/18/24 22:00	4.8	310	6.9	1005
11/18/24 23:00	5.1	317	7.9	1005
11/19/24 0:00	4.0	320	7.3	1006
11/19/24 1:00	4.7	312	7.0	1006
11/19/24 2:00	4.7	307	6.8	1006
11/19/24 3:00	4.6	293	6.8	1006
11/19/24 4:00	4.3	273	5.3	1007

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

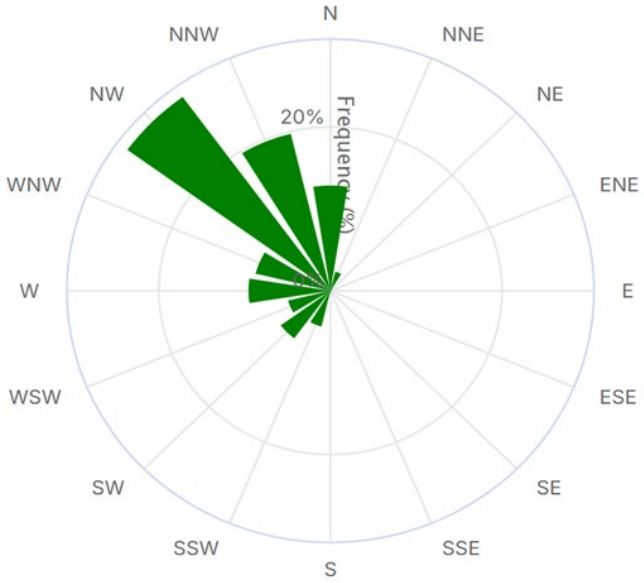
Portland International Jet Airport (PWM) Meteorological Data (11/6/24 11:00 to 11/20/24 10:00)

11/19/24 5:00	3.9	293	4.9	1007
11/19/24 6:00	5.2	302	6.3	1007
11/19/24 7:00	7.4	323	8.7	1007
11/19/24 8:00	7.6	318	9.8	1007
11/19/24 9:00	7.9	312	11.2	1007
11/19/24 10:00	7.3	311	11.9	1006
11/19/24 11:00	7.3	320	12.2	1006
11/19/24 12:00	7.1	319	12.5	1005
11/19/24 13:00	6.7	323	12.0	1005
11/19/24 14:00	5.0	322	10.9	1005
11/19/24 15:00	3.8	329	9.2	1006
11/19/24 16:00	4.1	338	8.1	1006
11/19/24 17:00	4.3	331	7.3	1006
11/19/24 18:00	5.7	345	7.0	1006
11/19/24 19:00	4.5	325	7.0	1006
11/19/24 20:00	3.7	313	6.4	1006
11/19/24 21:00	3.1	284	5.3	1006
11/19/24 22:00	2.6	276	3.8	1006
11/19/24 23:00	0.8	104	3.2	1006
11/20/24 0:00	1.2	163	2.3	1006
11/20/24 1:00	2.0	262	1.7	1006
11/20/24 2:00	0.6	117	1.6	1006
11/20/24 3:00	1.7	260	1.4	1006
11/20/24 4:00	2.8	284	1.2	1007
11/20/24 5:00	1.3	110	1.5	1007
11/20/24 6:00	0.2	36	3.3	1007
11/20/24 7:00	2.1	344	6.5	1008
11/20/24 8:00	4.8	23	8.6	1008
11/20/24 9:00	4.6	40	9.1	1007
11/20/24 10:00	3.0	102	10.4	1007

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/6/24 11:00 to 11/20/24 10:00)

PWM Wind Rose 11/6/24 11:00 - 11/20/24 10:00



BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/20/24 10:00 to 12/4/24 10:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
11/20/24 10:00	3.0	102	10.4	1007
11/20/24 11:00	1.6	150	11.4	1006
11/20/24 12:00	2.6	131	11.9	1006
11/20/24 13:00	3.6	60	11.2	1006
11/20/24 14:00	2.9	63	10.2	1007
11/20/24 15:00	4.0	51	9.6	1008
11/20/24 16:00	3.1	32	9.1	1008
11/20/24 17:00	2.7	31	9.0	1008
11/20/24 18:00	3.2	29	9.0	1008
11/20/24 19:00	4.5	35	9.0	1008
11/20/24 20:00	3.2	27	8.7	1007
11/20/24 21:00	2.8	27	8.9	1007
11/20/24 22:00	2.0	150	8.1	1007
11/20/24 23:00	2.2	30	8.0	1007
11/21/24 0:00	3.8	45	8.0	1006
11/21/24 1:00	4.0	31	7.4	1006
11/21/24 2:00	4.1	41	7.0	1006
11/21/24 3:00	5.0	36	7.0	1005
11/21/24 4:00	4.9	24	6.1	1005
11/21/24 5:00	3.5	23	5.7	1005
11/21/24 6:00	3.5	61	5.2	1005
11/21/24 7:00	4.5	71	6.0	1004
11/21/24 8:00	5.5	45	6.0	1003
11/21/24 9:00	4.4	59	6.7	1003
11/21/24 10:00	4.3	49	7.0	1002
11/21/24 11:00	4.8	51	7.0	1001
11/21/24 12:00	5.1	54	7.0	1000
11/21/24 13:00	4.6	48	7.0	1000
11/21/24 14:00	5.5	46	7.2	1000
11/21/24 15:00	5.0	34	7.2	999
11/21/24 16:00	4.4	32	7.0	999
11/21/24 17:00	5.4	47	7.4	1000
11/21/24 18:00	6.2	46	7.0	1000
11/21/24 19:00	6.7	42	7.0	999
11/21/24 20:00	6.8	45	7.0	998
11/21/24 21:00	7.3	47	6.7	997
11/21/24 22:00	7.7	54	6.1	997
11/21/24 23:00	7.3	57	6.0	996
11/22/24 0:00	7.9	52	6.0	996
11/22/24 1:00	8.4	54	6.0	995
11/22/24 2:00	7.7	50	6.0	995
11/22/24 3:00	8.1	65	7.0	994

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/20/24 10:00 to 12/4/24 10:00)

11/22/24 4:00	10.4	79	8.0	994
11/22/24 5:00	5.7	101	7.5	994
11/22/24 6:00	3.9	120	7.8	995
11/22/24 7:00	4.4	146	9.3	996
11/22/24 8:00	4.8	145	9.7	997
11/22/24 9:00	5.5	144	10.5	997
11/22/24 10:00	5.6	136	11.0	997
11/22/24 11:00	4.3	93	10.4	997
11/22/24 12:00	5.7	92	9.7	997
11/22/24 13:00	5.3	105	9.1	997
11/22/24 14:00	4.1	114	9.0	998
11/22/24 15:00	3.2	109	8.7	998
11/22/24 16:00	3.5	110	8.5	998
11/22/24 17:00	3.1	77	8.8	998
11/22/24 18:00	4.6	53	8.4	997
11/22/24 19:00	3.9	36	8.0	997
11/22/24 20:00	3.7	36	8.0	996
11/22/24 21:00	4.0	36	7.2	995
11/22/24 22:00	4.4	39	7.0	995
11/22/24 23:00	4.5	24	7.5	994
11/23/24 0:00	5.8	25	7.4	993
11/23/24 1:00	6.1	20	6.8	992
11/23/24 2:00	7.0	81	6.0	991
11/23/24 3:00	6.9	254	5.3	991
11/23/24 4:00	6.8	354	4.0	990
11/23/24 5:00	6.8	344	4.0	990
11/23/24 6:00	6.5	338	4.0	989
11/23/24 7:00	7.2	339	4.2	988
11/23/24 8:00	7.2	338	5.1	988
11/23/24 9:00	6.7	338	6.0	987
11/23/24 10:00	7.5	336	6.6	986
11/23/24 11:00	8.1	324	7.0	986
11/23/24 12:00	8.4	324	7.9	986
11/23/24 13:00	8.3	315	7.6	986
11/23/24 14:00	8.1	320	7.0	987
11/23/24 15:00	8.4	321	7.1	988
11/23/24 16:00	9.3	317	7.0	989
11/23/24 17:00	9.2	319	6.6	990
11/23/24 18:00	9.2	320	6.0	991
11/23/24 19:00	4.7	299	5.3	991
11/23/24 20:00	3.4	278	4.0	991
11/23/24 21:00	2.6	288	3.5	991
11/23/24 22:00	4.9	294	4.9	991
11/23/24 23:00	6.5	290	6.9	991

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/20/24 10:00 to 12/4/24 10:00)

11/24/24 0:00	4.1	276	6.0	992
11/24/24 1:00	4.0	265	6.0	992
11/24/24 2:00	2.9	259	6.0	993
11/24/24 3:00	2.6	249	5.9	994
11/24/24 4:00	6.0	270	6.6	995
11/24/24 5:00	5.0	267	6.4	996
11/24/24 6:00	5.4	266	5.9	996
11/24/24 7:00	6.6	268	6.4	997
11/24/24 8:00	8.4	276	6.9	998
11/24/24 9:00	9.9	278	7.1	999
11/24/24 10:00	9.5	282	7.1	999
11/24/24 11:00	10.3	282	7.3	999
11/24/24 12:00	9.9	275	6.0	999
11/24/24 13:00	7.9	273	6.4	1000
11/24/24 14:00	8.6	272	6.0	1000
11/24/24 15:00	8.6	275	5.6	1001
11/24/24 16:00	7.9	272	5.0	1001
11/24/24 17:00	6.8	274	4.1	1002
11/24/24 18:00	5.8	280	3.8	1002
11/24/24 19:00	3.9	274	3.0	1003
11/24/24 20:00	3.3	254	2.6	1004
11/24/24 21:00	4.5	287	2.6	1004
11/24/24 22:00	2.4	273	1.6	1005
11/24/24 23:00	2.8	228	1.2	1005
11/25/24 0:00	2.0	227	0.9	1006
11/25/24 1:00	3.9	277	0.7	1006
11/25/24 2:00	3.3	275	-0.6	1006
11/25/24 3:00	3.2	245	0.7	1006
11/25/24 4:00	3.1	242	0.1	1007
11/25/24 5:00	2.6	240	-0.3	1007
11/25/24 6:00	3.3	257	0.7	1009
11/25/24 7:00	2.6	261	2.7	1009
11/25/24 8:00	5.2	284	4.2	1009
11/25/24 9:00	5.5	308	6.0	1010
11/25/24 10:00	5.1	323	7.0	1009
11/25/24 11:00	5.0	327	8.0	1009
11/25/24 12:00	4.4	319	8.0	1009
11/25/24 13:00	5.1	279	7.7	1009
11/25/24 14:00	4.1	339	6.6	1010
11/25/24 15:00	3.5	341	4.9	1011
11/25/24 16:00	2.2	319	3.8	1012
11/25/24 17:00	2.6	249	2.9	1012
11/25/24 18:00	1.6	125	2.7	1013
11/25/24 19:00	1.6	317	1.8	1013

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/20/24 10:00 to 12/4/24 10:00)

11/25/24 20:00	0.5	102	0.0	1014
11/25/24 21:00	1.4	224	-1.0	1014
11/25/24 22:00	0.6	114	-1.2	1014
11/25/24 23:00	0.3	58	-1.6	1014
11/26/24 0:00	0.5	80	-2.0	1014
11/26/24 1:00	1.1	170	-2.8	1014
11/26/24 2:00	ND	ND	-3.1	1013
11/26/24 3:00	1.2	196	-3.7	1013
11/26/24 4:00	1.0	173	-3.3	1013
11/26/24 5:00	1.2	235	-3.5	1013
11/26/24 6:00	1.3	210	-2.1	1012
11/26/24 7:00	2.4	170	1.5	1012
11/26/24 8:00	2.5	38	2.4	1011
11/26/24 9:00	2.0	91	2.9	1010
11/26/24 10:00	2.2	230	2.2	1010
11/26/24 11:00	2.2	72	2.6	1008
11/26/24 12:00	1.8	58	3.5	1007
11/26/24 13:00	0.6	72	4.5	1006
11/26/24 14:00	3.4	281	4.0	1006
11/26/24 15:00	3.7	307	3.0	1007
11/26/24 16:00	2.0	329	3.0	1007
11/26/24 17:00	2.2	308	2.0	1007
11/26/24 18:00	1.8	298	1.3	1007
11/26/24 19:00	1.9	262	0.7	1007
11/26/24 20:00	1.9	241	0.5	1008
11/26/24 21:00	2.3	277	0.6	1008
11/26/24 22:00	1.6	184	0.9	1008
11/26/24 23:00	1.9	276	-0.3	1008
11/27/24 0:00	2.0	254	-0.9	1008
11/27/24 1:00	2.2	274	-1.1	1008
11/27/24 2:00	1.1	165	-1.0	1009
11/27/24 3:00	0.2	28	-1.3	1009
11/27/24 4:00	0.2	26	-1.0	1009
11/27/24 5:00	2.5	244	0.6	1009
11/27/24 6:00	3.5	232	1.4	1009
11/27/24 7:00	3.8	227	2.7	1009
11/27/24 8:00	4.4	238	4.0	1010
11/27/24 9:00	3.8	238	5.1	1010
11/27/24 10:00	5.1	244	6.6	1009
11/27/24 11:00	6.1	273	7.0	1010
11/27/24 12:00	4.7	263	7.0	1010
11/27/24 13:00	4.3	271	7.0	1010
11/27/24 14:00	3.5	249	6.2	1010
11/27/24 15:00	1.8	195	4.5	1011

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/20/24 10:00 to 12/4/24 10:00)

11/27/24 16:00	1.7	192	3.0	1012
11/27/24 17:00	1.9	198	2.5	1012
11/27/24 18:00	0.8	121	0.7	1012
11/27/24 19:00	1.1	163	0.7	1012
11/27/24 20:00	1.1	111	0.5	1012
11/27/24 21:00	0.2	35	-1.2	1012
11/27/24 22:00	1.7	234	0.1	1012
11/27/24 23:00	0.5	73	0.0	1012
11/28/24 0:00	0.2	26	0.6	1012
11/28/24 1:00	ND	ND	0.1	1012
11/28/24 2:00	0.3	50	0.8	1012
11/28/24 3:00	ND	ND	0.8	1012
11/28/24 4:00	0.5	34	0.7	1011
11/28/24 5:00	ND	ND	1.0	1011
11/28/24 6:00	0.9	144	1.0	1010
11/28/24 7:00	0.5	56	1.9	1010
11/28/24 8:00	1.3	19	2.7	1010
11/28/24 9:00	1.7	18	3.0	1008
11/28/24 10:00	2.7	37	3.0	1006
11/28/24 11:00	3.2	301	3.6	1004
11/28/24 12:00	4.4	95	6.0	1003
11/28/24 13:00	6.3	95	6.0	1001
11/28/24 14:00	8.7	81	6.0	1000
11/28/24 15:00	8.7	66	5.1	998
11/28/24 16:00	7.9	32	3.4	996
11/28/24 17:00	7.3	321	1.0	995
11/28/24 18:00	9.1	351	1.1	994
11/28/24 19:00	9.4	344	1.8	994
11/28/24 20:00	7.6	351	1.9	994
11/28/24 21:00	6.5	323	2.0	995
11/28/24 22:00	6.4	316	2.2	996
11/28/24 23:00	5.0	309	2.9	997
11/29/24 0:00	4.7	291	2.6	998
11/29/24 1:00	5.2	286	3.0	999
11/29/24 2:00	5.4	285	3.0	1000
11/29/24 3:00	4.3	274	2.3	1001
11/29/24 4:00	4.5	288	1.0	1001
11/29/24 5:00	3.8	273	1.0	1002
11/29/24 6:00	2.6	230	1.0	1004
11/29/24 7:00	2.8	251	2.5	1005
11/29/24 8:00	1.6	231	3.8	1005
11/29/24 9:00	3.1	250	5.0	1005
11/29/24 10:00	4.3	264	6.1	1005
11/29/24 11:00	5.7	268	6.7	1005

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/20/24 10:00 to 12/4/24 10:00)

11/29/24 12:00	5.8	264	6.3	1005
11/29/24 13:00	4.5	255	5.8	1005
11/29/24 14:00	4.4	260	4.4	1006
11/29/24 15:00	4.3	260	3.9	1006
11/29/24 16:00	2.4	238	2.9	1006
11/29/24 17:00	1.1	131	1.9	1006
11/29/24 18:00	0.5	73	1.0	1006
11/29/24 19:00	2.2	228	1.0	1006
11/29/24 20:00	2.7	241	1.2	1006
11/29/24 21:00	3.1	251	2.0	1007
11/29/24 22:00	2.2	248	1.1	1007
11/29/24 23:00	2.3	249	1.4	1006
11/30/24 0:00	2.6	252	1.5	1006
11/30/24 1:00	2.4	244	1.0	1006
11/30/24 2:00	3.4	257	0.6	1006
11/30/24 3:00	3.8	259	0.0	1006
11/30/24 4:00	3.6	266	-1.1	1006
11/30/24 5:00	4.2	268	-1.3	1006
11/30/24 6:00	3.1	265	-1.2	1007
11/30/24 7:00	3.9	261	0.5	1007
11/30/24 8:00	4.4	251	1.9	1008
11/30/24 9:00	3.8	268	3.3	1008
11/30/24 10:00	4.3	275	4.0	1007
11/30/24 11:00	4.0	275	4.1	1007
11/30/24 12:00	4.7	270	4.1	1006
11/30/24 13:00	4.6	257	3.5	1007
11/30/24 14:00	3.1	257	3.0	1007
11/30/24 15:00	3.4	259	2.0	1008
11/30/24 16:00	2.2	222	1.1	1008
11/30/24 17:00	2.9	226	1.0	1009
11/30/24 18:00	4.1	236	1.0	1009
11/30/24 19:00	3.6	243	0.6	1009
11/30/24 20:00	3.5	244	0.0	1009
11/30/24 21:00	3.1	250	-0.8	1009
11/30/24 22:00	2.8	250	-1.1	1009
11/30/24 23:00	2.4	260	-2.0	1009
12/1/24 0:00	2.5	269	-2.5	1010
12/1/24 1:00	2.9	273	-2.3	1010
12/1/24 2:00	3.2	266	-2.1	1010
12/1/24 3:00	3.3	258	-1.6	1010
12/1/24 4:00	2.4	269	-1.9	1011
12/1/24 5:00	2.4	255	-1.9	1011
12/1/24 6:00	2.6	262	-2.0	1011
12/1/24 7:00	3.4	256	-0.4	1011

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/20/24 10:00 to 12/4/24 10:00)

12/1/24 8:00	4.3	270	0.7	1011
12/1/24 9:00	3.8	248	1.0	1011
12/1/24 10:00	4.0	259	1.7	1010
12/1/24 11:00	4.0	256	2.6	1010
12/1/24 12:00	4.3	262	2.6	1010
12/1/24 13:00	5.3	272	2.4	1010
12/1/24 14:00	4.4	260	1.6	1010
12/1/24 15:00	3.5	258	0.7	1011
12/1/24 16:00	3.6	256	-0.6	1011
12/1/24 17:00	2.4	250	-1.0	1012
12/1/24 18:00	1.4	144	-2.1	1012
12/1/24 19:00	0.9	121	-3.2	1012
12/1/24 20:00	3.2	274	-3.0	1013
12/1/24 21:00	3.2	275	-3.4	1013
12/1/24 22:00	3.1	256	-3.0	1013
12/1/24 23:00	1.4	208	-4.0	1013
12/2/24 0:00	1.3	187	-5.1	1013
12/2/24 1:00	1.4	195	-5.1	1013
12/2/24 2:00	2.6	241	-4.5	1013
12/2/24 3:00	1.7	260	-5.4	1013
12/2/24 4:00	2.1	247	-5.5	1014
12/2/24 5:00	1.7	259	-6.3	1014
12/2/24 6:00	2.7	291	-5.5	1014
12/2/24 7:00	1.1	167	-2.7	1015
12/2/24 8:00	2.1	303	-1.0	1015
12/2/24 9:00	2.5	274	1.0	1015
12/2/24 10:00	2.4	293	2.1	1015
12/2/24 11:00	2.1	276	2.2	1014
12/2/24 12:00	3.5	331	2.1	1014
12/2/24 13:00	2.8	307	1.1	1015
12/2/24 14:00	2.7	313	1.0	1015
12/2/24 15:00	2.9	343	1.0	1015
12/2/24 16:00	3.3	339	-0.1	1016
12/2/24 17:00	2.8	325	-1.2	1016
12/2/24 18:00	1.9	271	-2.0	1016
12/2/24 19:00	2.5	290	-3.6	1016
12/2/24 20:00	2.6	284	-4.2	1016
12/2/24 21:00	2.3	288	-4.5	1017
12/2/24 22:00	1.7	212	-5.6	1017
12/2/24 23:00	1.3	193	-5.1	1016
12/3/24 0:00	0.4	44	-6.3	1017
12/3/24 1:00	1.7	209	-7.4	1017
12/3/24 2:00	2.3	251	-7.1	1017
12/3/24 3:00	0.3	52	-7.2	1017

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

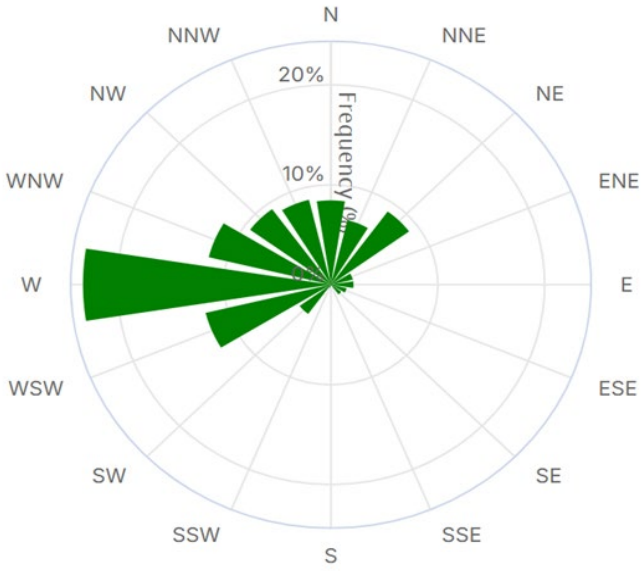
Portland International Jet Airport (PWM) Meteorological Data (11/20/24 10:00 to 12/4/24 10:00)

12/3/24 4:00	0.2	27	-7.4	1017
12/3/24 5:00	0.8	78	-7.1	1018
12/3/24 6:00	2.9	265	-5.4	1018
12/3/24 7:00	2.6	265	-3.5	1018
12/3/24 8:00	2.5	262	-2.3	1018
12/3/24 9:00	2.8	267	-0.6	1018
12/3/24 10:00	3.6	281	1.7	1018
12/3/24 11:00	5.2	299	1.9	1017
12/3/24 12:00	4.8	311	1.1	1017
12/3/24 13:00	4.3	312	1.0	1017
12/3/24 14:00	3.3	287	0.5	1018
12/3/24 15:00	2.7	272	0.0	1018
12/3/24 16:00	2.4	280	-0.4	1018
12/3/24 17:00	2.8	268	-1.1	1019
12/3/24 18:00	2.9	291	-1.5	1019
12/3/24 19:00	2.3	303	-1.5	1019
12/3/24 20:00	1.9	251	-1.9	1019
12/3/24 21:00	1.7	297	-2.0	1019
12/3/24 22:00	2.2	281	-2.0	1019
12/3/24 23:00	1.1	151	-2.6	1019
12/4/24 0:00	0.5	84	-2.5	1019
12/4/24 1:00	1.9	277	-3.1	1019
12/4/24 2:00	1.7	284	-3.2	1019
12/4/24 3:00	1.6	262	-3.4	1019
12/4/24 4:00	ND	ND	-4.4	1019
12/4/24 5:00	0.6	77	-5.6	1019
12/4/24 6:00	0.5	87	-5.9	1020
12/4/24 7:00	1.0	177	-2.7	1020
12/4/24 8:00	0.5	83	-0.7	1020
12/4/24 9:00	0.8	118	0.8	1019
12/4/24 10:00	1.1	109	1.1	1018

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (11/20/24 10:00 to 12/4/24 10:00)

PWM Wind Rose 11/20/24 10:00 - 12/4/24 10:00



BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (12/4/24 10:00 to 12/18/24 10:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
12/4/24 10:00	1.1	109	1.1	1018
12/4/24 11:00	2.8	173	1.8	1017
12/4/24 12:00	4.4	161	1.9	1017
12/4/24 13:00	4.3	166	1.3	1016
12/4/24 14:00	3.3	179	1.0	1015
12/4/24 15:00	2.9	179	0.9	1015
12/4/24 16:00	3.4	190	1.6	1014
12/4/24 17:00	4.3	185	2.0	1013
12/4/24 18:00	3.6	185	2.9	1012
12/4/24 19:00	4.6	177	3.0	1010
12/4/24 20:00	6.1	167	2.7	1009
12/4/24 21:00	6.4	180	3.0	1007
12/4/24 22:00	5.9	181	3.5	1006
12/4/24 23:00	5.4	177	4.0	1004
12/5/24 0:00	5.7	183	4.0	1001
12/5/24 1:00	4.5	213	4.1	1000
12/5/24 2:00	4.9	213	3.4	998
12/5/24 3:00	4.5	235	2.0	998
12/5/24 4:00	3.5	231	1.0	997
12/5/24 5:00	2.6	208	0.9	996
12/5/24 6:00	2.7	213	1.0	996
12/5/24 7:00	2.5	230	1.0	995
12/5/24 8:00	3.9	250	1.4	994
12/5/24 9:00	3.3	267	2.5	993
12/5/24 10:00	2.9	253	2.1	992
12/5/24 11:00	2.4	259	2.0	991
12/5/24 12:00	2.7	234	1.3	991
12/5/24 13:00	2.6	244	1.0	991
12/5/24 14:00	3.2	280	1.0	991
12/5/24 15:00	0.6	84	0.9	992
12/5/24 16:00	0.5	68	0.2	992
12/5/24 17:00	3.5	232	0.7	993
12/5/24 18:00	3.6	232	0.2	993
12/5/24 19:00	5.1	259	1.0	994
12/5/24 20:00	7.1	270	1.0	994
12/5/24 21:00	6.4	266	1.0	995
12/5/24 22:00	6.8	266	0.1	996
12/5/24 23:00	5.7	269	0.0	996
12/6/24 0:00	5.5	267	-0.1	997
12/6/24 1:00	4.4	265	-1.0	999
12/6/24 2:00	4.1	265	-1.0	1000

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (12/4/24 10:00 to 12/18/24 10:00)

12/6/24 3:00	3.9	263	-1.5	1001
12/6/24 4:00	6.1	270	-2.0	1002
12/6/24 5:00	5.6	292	-2.7	1004
12/6/24 6:00	7.0	291	-3.2	1005
12/6/24 7:00	8.8	291	-3.4	1007
12/6/24 8:00	9.9	301	-3.2	1008
12/6/24 9:00	10.3	294	-3.0	1008
12/6/24 10:00	8.4	296	-2.5	1008
12/6/24 11:00	7.4	291	-2.0	1008
12/6/24 12:00	6.5	306	-1.7	1008
12/6/24 13:00	5.8	293	-1.9	1009
12/6/24 14:00	7.1	306	-2.5	1010
12/6/24 15:00	4.5	298	-3.8	1011
12/6/24 16:00	4.6	278	-4.6	1011
12/6/24 17:00	4.5	267	-4.0	1012
12/6/24 18:00	5.2	262	-4.0	1012
12/6/24 19:00	4.4	275	-5.3	1012
12/6/24 20:00	3.8	286	-6.0	1012
12/6/24 21:00	4.2	280	-7.0	1012
12/6/24 22:00	3.1	274	-7.5	1013
12/6/24 23:00	1.5	189	-7.6	1013
12/7/24 0:00	1.2	146	-8.0	1013
12/7/24 1:00	ND	ND	-9.0	1013
12/7/24 2:00	1.1	180	-8.3	1013
12/7/24 3:00	0.6	75	-8.0	1013
12/7/24 4:00	2.4	270	-7.3	1013
12/7/24 5:00	1.1	115	-7.0	1014
12/7/24 6:00	0.5	40	-6.9	1014
12/7/24 7:00	0.5	73	-5.9	1014
12/7/24 8:00	0.5	72	-4.4	1015
12/7/24 9:00	1.4	170	-2.7	1015
12/7/24 10:00	2.4	270	-1.3	1014
12/7/24 11:00	1.2	171	-0.9	1013
12/7/24 12:00	1.6	311	0.5	1013
12/7/24 13:00	5.1	288	0.1	1013
12/7/24 14:00	2.5	309	-1.1	1014
12/7/24 15:00	0.5	100	-2.2	1014
12/7/24 16:00	0.2	2	-3.1	1014
12/7/24 17:00	0.2	15	-3.7	1014
12/7/24 18:00	0.2	36	-4.3	1014
12/7/24 19:00	0.3	68	-4.0	1013
12/7/24 20:00	ND	ND	-4.4	1013
12/7/24 21:00	ND	ND	-4.0	1012
12/7/24 22:00	0.7	98	-3.2	1011

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (12/4/24 10:00 to 12/18/24 10:00)

12/7/24 23:00	2.0	172	-1.2	1010
12/8/24 0:00	1.9	141	-1.2	1009
12/8/24 1:00	3.1	212	-1.0	1008
12/8/24 2:00	4.3	206	-1.0	1006
12/8/24 3:00	5.2	203	-0.9	1005
12/8/24 4:00	4.9	203	0.0	1003
12/8/24 5:00	4.2	210	-0.5	1002
12/8/24 6:00	4.0	197	-0.9	1001
12/8/24 7:00	4.2	217	-0.9	1001
12/8/24 8:00	3.1	229	0.0	1001
12/8/24 9:00	4.0	234	0.7	1000
12/8/24 10:00	3.7	245	1.7	999
12/8/24 11:00	3.4	240	2.9	999
12/8/24 12:00	3.8	217	3.0	999
12/8/24 13:00	3.7	212	3.0	1000
12/8/24 14:00	3.8	213	3.3	1001
12/8/24 15:00	4.3	225	4.0	1002
12/8/24 16:00	3.6	226	4.0	1003
12/8/24 17:00	2.7	239	4.0	1004
12/8/24 18:00	2.4	222	4.0	1006
12/8/24 19:00	2.5	236	3.9	1007
12/8/24 20:00	1.4	178	2.7	1008
12/8/24 21:00	1.0	129	1.3	1010
12/8/24 22:00	1.3	169	-1.0	1011
12/8/24 23:00	2.5	311	-1.2	1012
12/9/24 0:00	3.3	270	-0.8	1012
12/9/24 1:00	1.6	173	-1.5	1012
12/9/24 2:00	1.4	197	-1.9	1014
12/9/24 3:00	0.2	18	-2.2	1014
12/9/24 4:00	1.0	79	-2.0	1014
12/9/24 5:00	0.6	139	-1.6	1016
12/9/24 6:00	0.9	135	-1.4	1017
12/9/24 7:00	2.0	39	0.4	1018
12/9/24 8:00	3.1	64	1.2	1018
12/9/24 9:00	3.7	74	2.0	1018
12/9/24 10:00	4.1	60	1.4	1018
12/9/24 11:00	4.0	58	1.6	1018
12/9/24 12:00	4.1	56	1.4	1018
12/9/24 13:00	4.4	50	1.6	1018
12/9/24 14:00	4.8	45	1.0	1018
12/9/24 15:00	5.8	58	1.0	1019
12/9/24 16:00	6.5	56	0.4	1018
12/9/24 17:00	5.8	39	-1.0	1018
12/9/24 18:00	5.6	34	-1.8	1019

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (12/4/24 10:00 to 12/18/24 10:00)

12/9/24 19:00	6.4	28	-2.0	1019
12/9/24 20:00	6.0	27	-2.8	1019
12/9/24 21:00	5.3	26	-3.0	1019
12/9/24 22:00	5.6	29	-3.0	1019
12/9/24 23:00	5.0	19	-3.0	1019
12/10/24 0:00	5.4	22	-3.1	1019
12/10/24 1:00	4.6	93	-3.6	1019
12/10/24 2:00	4.4	186	-3.6	1019
12/10/24 3:00	4.8	359	-4.0	1019
12/10/24 4:00	4.8	253	-4.0	1020
12/10/24 5:00	4.4	353	-4.0	1020
12/10/24 6:00	5.0	356	-4.0	1020
12/10/24 7:00	5.3	320	-4.0	1021
12/10/24 8:00	4.5	351	-4.0	1021
12/10/24 9:00	4.4	351	-4.0	1021
12/10/24 10:00	4.8	350	-3.4	1020
12/10/24 11:00	4.2	336	-3.0	1020
12/10/24 12:00	4.4	344	-3.0	1020
12/10/24 13:00	3.9	353	-2.9	1020
12/10/24 14:00	3.3	252	-2.4	1020
12/10/24 15:00	2.9	115	-2.0	1020
12/10/24 16:00	3.1	320	-2.0	1020
12/10/24 17:00	2.6	217	-2.0	1020
12/10/24 18:00	2.4	85	-2.0	1019
12/10/24 19:00	2.5	210	-2.0	1019
12/10/24 20:00	2.6	286	-2.0	1019
12/10/24 21:00	2.7	47	-2.0	1018
12/10/24 22:00	2.5	46	-1.9	1017
12/10/24 23:00	1.9	24	-1.9	1016
12/11/24 0:00	2.3	29	-1.0	1015
12/11/24 1:00	2.6	152	-1.0	1015
12/11/24 2:00	2.1	279	-0.8	1014
12/11/24 3:00	1.5	216	0.0	1013
12/11/24 4:00	2.0	252	0.0	1012
12/11/24 5:00	2.3	340	0.0	1012
12/11/24 6:00	2.8	348	0.0	1011
12/11/24 7:00	2.0	346	0.0	1011
12/11/24 8:00	1.3	175	0.8	1010
12/11/24 9:00	2.2	212	0.9	1008
12/11/24 10:00	2.2	154	1.0	1006
12/11/24 11:00	1.6	199	1.5	1004
12/11/24 12:00	1.3	201	1.9	1002
12/11/24 13:00	2.4	191	4.0	1001
12/11/24 14:00	6.4	175	10.8	999

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (12/4/24 10:00 to 12/18/24 10:00)

12/11/24 15:00	7.9	175	11.8	998
12/11/24 16:00	7.7	180	12.0	997
12/11/24 17:00	9.3	175	12.8	996
12/11/24 18:00	8.7	176	12.7	995
12/11/24 19:00	9.5	179	13.0	993
12/11/24 20:00	9.0	185	12.7	993
12/11/24 21:00	6.7	182	12.2	992
12/11/24 22:00	6.5	187	12.0	992
12/11/24 23:00	5.9	182	11.8	990
12/12/24 0:00	6.8	198	11.3	991
12/12/24 1:00	9.2	264	7.7	993
12/12/24 2:00	6.6	262	5.2	995
12/12/24 3:00	6.6	256	4.0	997
12/12/24 4:00	5.6	253	3.8	1000
12/12/24 5:00	6.2	257	3.3	1002
12/12/24 6:00	6.2	256	3.0	1004
12/12/24 7:00	4.9	237	3.5	1007
12/12/24 8:00	7.0	250	4.0	1008
12/12/24 9:00	7.2	257	4.0	1009
12/12/24 10:00	7.0	246	4.2	1009
12/12/24 11:00	7.2	240	5.0	1010
12/12/24 12:00	7.5	243	4.2	1010
12/12/24 13:00	6.6	243	4.0	1011
12/12/24 14:00	6.5	255	3.2	1012
12/12/24 15:00	6.6	270	1.8	1014
12/12/24 16:00	6.0	265	1.0	1016
12/12/24 17:00	6.2	262	0.3	1018
12/12/24 18:00	3.8	253	-1.0	1019
12/12/24 19:00	6.0	259	-1.0	1020
12/12/24 20:00	5.7	260	-2.0	1021
12/12/24 21:00	4.9	254	-2.5	1023
12/12/24 22:00	5.3	257	-3.0	1023
12/12/24 23:00	4.5	258	-3.0	1024
12/13/24 0:00	3.8	252	-3.6	1024
12/13/24 1:00	3.9	234	-4.0	1025
12/13/24 2:00	3.5	245	-4.7	1025
12/13/24 3:00	3.2	262	-5.0	1026
12/13/24 4:00	4.1	258	-5.1	1027
12/13/24 5:00	4.3	273	-5.6	1028
12/13/24 6:00	4.4	273	-5.7	1029
12/13/24 7:00	5.0	270	-4.0	1030
12/13/24 8:00	5.2	281	-2.6	1030
12/13/24 9:00	5.3	285	-1.8	1031
12/13/24 10:00	6.1	275	-1.0	1031

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (12/4/24 10:00 to 12/18/24 10:00)

12/13/24 11:00	4.5	277	-0.9	1030
12/13/24 12:00	5.6	286	-0.9	1031
12/13/24 13:00	5.9	274	-0.8	1032
12/13/24 14:00	5.6	275	-1.5	1033
12/13/24 15:00	4.3	276	-2.7	1034
12/13/24 16:00	4.0	273	-3.1	1035
12/13/24 17:00	3.9	274	-3.6	1036
12/13/24 18:00	3.0	297	-4.6	1036
12/13/24 19:00	3.4	285	-5.6	1037
12/13/24 20:00	3.0	292	-5.7	1037
12/13/24 21:00	2.6	287	-5.9	1038
12/13/24 22:00	1.2	159	-6.0	1039
12/13/24 23:00	1.2	146	-6.5	1039
12/14/24 0:00	0.6	66	-7.2	1040
12/14/24 1:00	1.2	160	-8.0	1040
12/14/24 2:00	0.8	109	-8.7	1041
12/14/24 3:00	0.5	82	-9.1	1041
12/14/24 4:00	1.2	203	-9.2	1042
12/14/24 5:00	0.7	112	-9.2	1042
12/14/24 6:00	2.6	277	-9.2	1043
12/14/24 7:00	1.6	250	-6.2	1043
12/14/24 8:00	2.7	307	-3.5	1044
12/14/24 9:00	3.8	304	-2.3	1043
12/14/24 10:00	4.6	302	-1.1	1043
12/14/24 11:00	4.1	313	-0.1	1042
12/14/24 12:00	4.6	307	0.5	1042
12/14/24 13:00	4.4	302	0.2	1042
12/14/24 14:00	3.2	305	-1.0	1043
12/14/24 15:00	2.2	321	-2.4	1043
12/14/24 16:00	1.7	351	-2.5	1043
12/14/24 17:00	0.8	163	-3.3	1043
12/14/24 18:00	1.2	226	-4.5	1044
12/14/24 19:00	0.8	131	-5.7	1043
12/14/24 20:00	1.7	310	-4.7	1044
12/14/24 21:00	0.8	136	-5.7	1044
12/14/24 22:00	ND	ND	-7.1	1044
12/14/24 23:00	0.2	34	-8.0	1043
12/15/24 0:00	1.7	183	-8.6	1043
12/15/24 1:00	2.1	85	-8.1	1043
12/15/24 2:00	2.3	216	-8.9	1043
12/15/24 3:00	2.3	339	-9.2	1043
12/15/24 4:00	2.6	344	-10.4	1043
12/15/24 5:00	2.1	294	-10.8	1044
12/15/24 6:00	1.4	211	-10.9	1044

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (12/4/24 10:00 to 12/18/24 10:00)

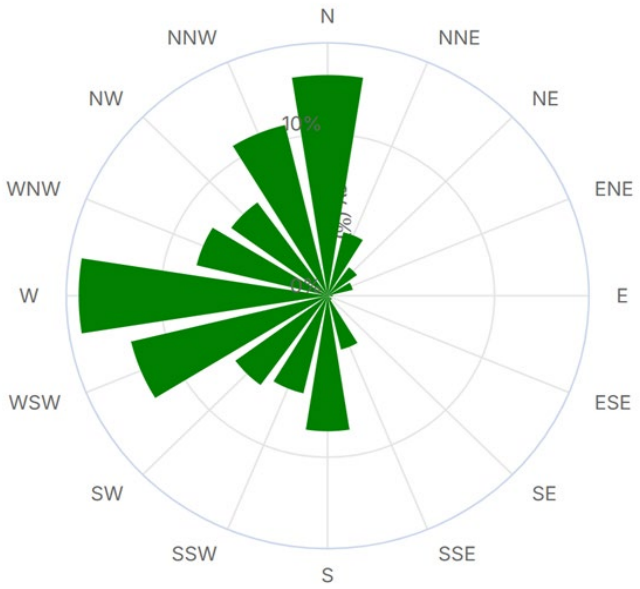
12/15/24 7:00	1.6	257	-8.2	1044
12/15/24 8:00	1.8	340	-6.4	1043
12/15/24 9:00	0.7	32	-4.3	1043
12/15/24 10:00	0.7	118	-2.4	1042
12/15/24 11:00	1.6	236	-1.4	1041
12/15/24 12:00	0.9	118	-1.0	1040
12/15/24 13:00	1.7	173	-1.0	1039
12/15/24 14:00	1.9	178	-1.5	1039
12/15/24 15:00	0.5	52	-3.0	1039
12/15/24 16:00	ND	ND	-3.9	1038
12/15/24 17:00	ND	ND	-4.2	1038
12/15/24 18:00	0.2	28	-4.8	1038
12/15/24 19:00	ND	ND	-4.7	1037
12/15/24 20:00	ND	ND	-4.0	1037
12/15/24 21:00	ND	ND	-4.0	1036
12/15/24 22:00	ND	ND	-4.0	1036
12/15/24 23:00	0.8	134	-3.8	1035
12/16/24 0:00	1.1	165	-4.3	1035
12/16/24 1:00	0.7	108	-4.4	1034
12/16/24 2:00	ND	ND	-4.0	1033
12/16/24 3:00	ND	ND	-4.0	1033
12/16/24 4:00	ND	ND	-4.0	1033
12/16/24 5:00	1.0	167	-3.7	1033
12/16/24 6:00	0.8	114	-3.7	1033
12/16/24 7:00	1.4	162	-1.7	1032
12/16/24 8:00	2.0	254	0.6	1032
12/16/24 9:00	2.2	257	2.1	1032
12/16/24 10:00	2.8	221	3.5	1031
12/16/24 11:00	3.1	209	4.0	1030
12/16/24 12:00	2.6	203	4.5	1029
12/16/24 13:00	3.2	188	4.3	1028
12/16/24 14:00	2.2	179	4.0	1028
12/16/24 15:00	0.5	48	3.6	1028
12/16/24 16:00	ND	ND	3.3	1028
12/16/24 17:00	0.6	44	3.4	1027
12/16/24 18:00	2.7	141	4.1	1027
12/16/24 19:00	3.8	157	5.0	1026
12/16/24 20:00	4.1	163	5.5	1025
12/16/24 21:00	4.0	159	6.0	1024
12/16/24 22:00	3.7	153	6.1	1022
12/16/24 23:00	5.0	152	7.0	1019
12/17/24 0:00	5.8	157	7.2	1018
12/17/24 1:00	6.5	164	8.0	1016
12/17/24 2:00	7.1	168	8.0	1014

BUCKEYE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (12/4/24 10:00 to 12/18/24 10:00)

12/17/24 3:00	6.5	180	8.8	1012
12/17/24 4:00	7.8	187	9.0	1011
12/17/24 5:00	6.2	198	9.6	1010
12/17/24 6:00	3.3	198	10.0	1010
12/17/24 7:00	2.7	204	10.3	1011
12/17/24 8:00	4.8	218	11.7	1011
12/17/24 9:00	5.0	225	12.2	1011
12/17/24 10:00	6.1	238	13.0	1011
12/17/24 11:00	7.3	253	13.0	1010
12/17/24 12:00	5.7	253	13.0	1011
12/17/24 13:00	7.1	260	12.6	1011
12/17/24 14:00	6.2	262	11.9	1012
12/17/24 15:00	5.2	261	10.8	1012
12/17/24 16:00	3.0	240	9.0	1013
12/17/24 17:00	2.1	175	8.3	1014
12/17/24 18:00	4.7	264	8.1	1015
12/17/24 19:00	3.4	228	7.2	1016
12/17/24 20:00	3.4	236	6.9	1016
12/17/24 21:00	2.8	229	6.9	1016
12/17/24 22:00	2.6	217	6.0	1017
12/17/24 23:00	2.8	254	5.9	1017
12/18/24 0:00	2.7	219	4.2	1017
12/18/24 1:00	2.5	213	3.8	1018
12/18/24 2:00	1.3	156	3.3	1018
12/18/24 3:00	0.8	115	0.9	1018
12/18/24 4:00	0.5	80	-0.6	1019
12/18/24 5:00	ND	ND	-0.8	1020
12/18/24 6:00	0.5	84	-1.0	1020
12/18/24 7:00	0.6	75	2.6	1020
12/18/24 8:00	2.1	217	6.0	1020
12/18/24 9:00	2.8	258	7.0	1019
12/18/24 10:00	3.3	268	7.7	1018

PWM Wind Rose 12/4/24 10:00 - 12/18/24 10:00



SOUTH PORTLAND TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 1,147 m
Terminal Fenceline Area = 20.4 Acres
Monitor Location Method: EPA Method 325A Option 2
Spacing Between Monitors: 95.8 m (± 9.5 m)

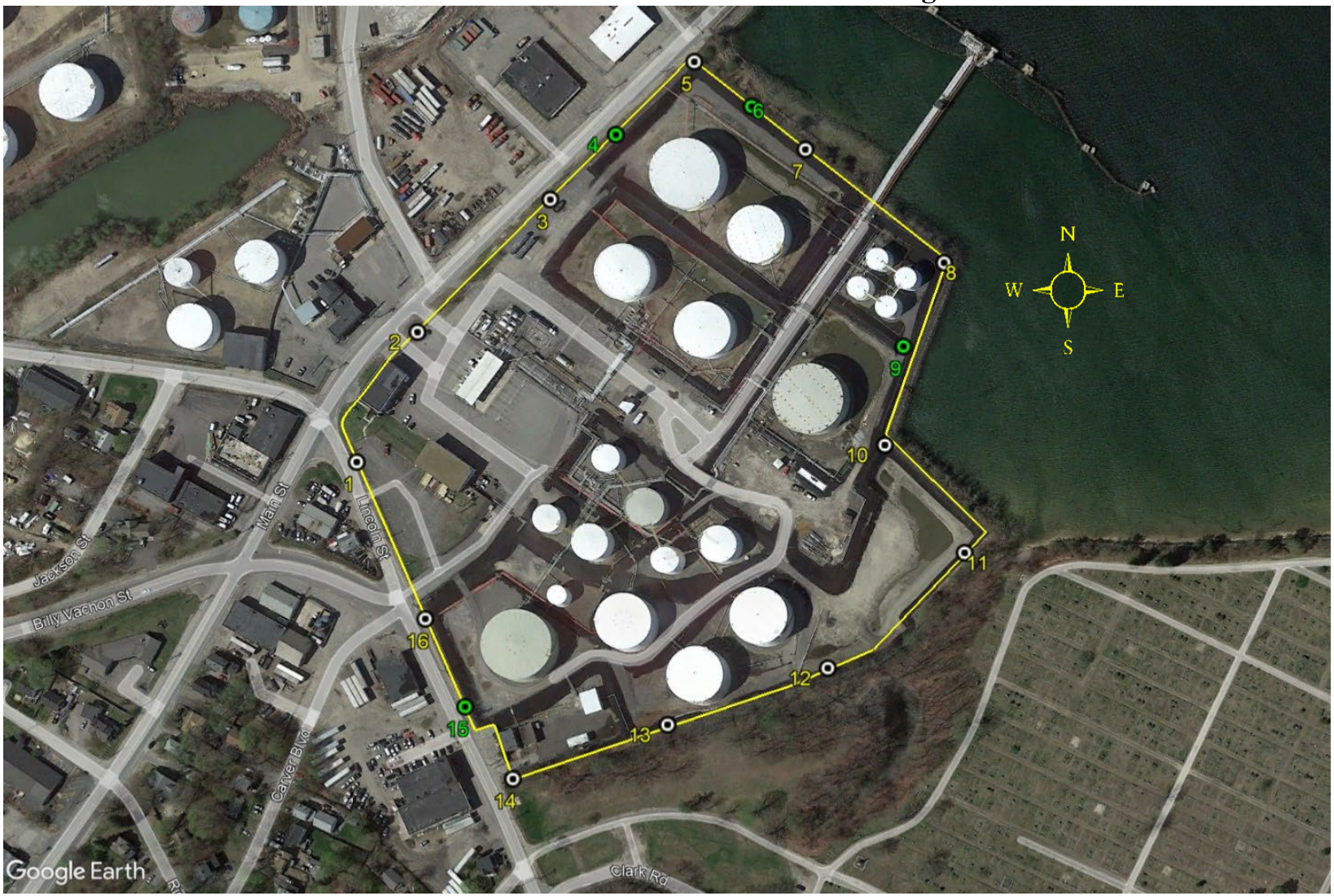
Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site 1	BTEX	43.636634°	-70.285689°	to Site 16: 93.0 to Site 2: 87.8	Site 1 is on the fenceline near the westernmost section of the terminal. Site 1 is adjacent to the terminal parking lot and is approximately 30 m from the center of the intersection of Main and Lincoln Streets.
Site 2	BTEX	43.637263°	-70.285257°	to Site 1: 87.8 to Site 3: 101.6	Site 2 is on the terminal northwestern fenceline at the truck entrance/exit gates. Main St. runs SW to NE just outside the terminal fenceline and is approximately 8 m NW of Site 2. The Loading Rack Licensed Emissions Units are located approximately 36 m SW of Site 2 and the terminal fenceline.
Site 3	BTEX	43.637900°	-70.284429°	to Site 2: 101.6 to Site 4: 95.8	Site 3 is on the terminal northwestern fenceline that borders Main St. Licensed Emissions Unit Tank 28 is located approximately 41 m SE of Site 3. Tank 28 is <50 m from the terminal fenceline.
Site 4	BTEX	43.638236°	-70.283967°	to Site 3: 48.0 to Site 5: 47.8	Site 4 is an additional site and is located on the northwestern fenceline bordering Main St. and is located halfway between Sites 3 & 5. The additional Site 4 is required because licensed emission unit Tank 44 is located between Sites 3 and 5 and is <50 m from the fenceline.
Site 5	BTEX	43.638583°	-70.283422°	to Site 4: 95.8 to Site 6: 91.7	Site 5 is on the fenceline near the northernmost part of the terminal adjacent to the end of Main Street. Licensed Emissions Unit Tank 44 is located approximately 34 m to the south of Site 5.
Site 6	BTEX	43.638369°	-70.283051°	to Site 5: 45.9 to Site 7: 45.8	Site 6 is an additional site and is located on the northeastern fenceline bordering the Fore River and is located halfway between Sites 5 & 7. The additional Site 6 is required because licensed emission unit Tank 44 is located between Sites 5 and 7 and is <50 m from the fenceline.
Site 7	BTEX	43.638155°	-70.282682°	to Site 6: 91.7 to Site 8: 97.4	Site 7 is located on the northeastern fenceline bordering the Fore River. Licensed Emissions Unit Tank 38 is located approximately 34 m to the southwest of Site 7.
Site 8	BTEX	43.637624°	-70.281746°	to Site 7: 97.4 to Site 9: 95.3	Site 8 is located on the fenceline at the northeastern corner of the terminal, approximately 7 m from the shoreline of the Fore River. Licensed emission units Tanks 39, 40, 41 and 42 are in this area and are <50 m from fenceline.

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 1,147 m
Terminal Fenceline Area = 20.4 Acres
Monitor Location Method: EPA Method 325A Option 2
Spacing Between Monitors: 95.8 m (± 9.5 m)

Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site 9	BTEX	43.637193°	-70.282010°	to Site 8: 47.7 to Site 10: 47.5	Site 9 is an additional site and is located on the fenceline halfway between Sites 8 & 10. The additional Site 9 is required because licensed emission units Tanks 39 & 41 are located between Sites 8 and 10 and these tanks are <50 m from the fenceline. Site 9 was moved off the fenceline and up onto the dike wall for safety reasons.
Site 10	BTEX	43.636720°	-70.282152°	to Site 9: 95.3 to Site 11: 95.3	Site 10 is on the fenceline that defines the eastern boundary of the terminal, approximately 5 m from the shoreline of the Fore River. Licensed emission unit Tank 30 is in the immediate vicinity of Site 2 and is <50 m from fenceline.
Site 11	BTEX	43.636164°	-70.281616°	to Site 10: 95.3 to Site 12: 95.1	Site 11 is on the fenceline at the easternmost section of the terminal. Site 11 situated approximately 25 m from the Fore River shoreline.
Site 12	BTEX	43.635617°	-70.282542°	to Site 11: 95.1 to Site 13: 95.5	Site 12 is located on the southern fenceline of the terminal. Licensed emission unit Tank 37 is in the immediate vicinity of Site 12 and is <50 m from the fenceline.
Site13	BTEX	43.635330°	-70.283628°	to Site 12: 95.5 to Site 14: 99.4	Site 13 is located on the southern fenceline of the terminal. Licensed emission unit Tank 43 is in the immediate vicinity of Site 13 and is <50 m from the fenceline.
Site14	BTEX	43.635087°	-70.284642°	to Site 13: 99.4 to Site 15: 98.9	Site 14 is on the fenceline at the southernmost section of the terminal, bordering Lincoln St. Licensed emission unit Tank 32 is located approximately 44 m north from Site 14. Tank 32 is <50 m from the fenceline.
Site 15	BTEX	43.635420°	-70.284938°	to Site 14: 49.4 to Site 16: 49.5	Site 15 is an additional site and is located on the southwestern fenceline bordering Lincoln St. and is located halfway between Sites 14 & 16. The additional Site 15 is required because licensed emission unit Tank 32 is located between Sites 14 and 16 and is <50 m from the fenceline.
Site 16	BTEX	43.635860°	-70.285205°	to Site 15: 98.9 to Site 1: 93.0	Site 16 is located on the southwestern fenceline bordering Lincoln St. Licensed Emissions Unit Tank 32 is located approximately 35 m E-SE of Site 16. Tank 32 is <50 m from the fenceline.

Aerial View of the South Portland Terminal LLC Fenceline Monitoring Locations



APPENDIX A – LAB RESULTS

Buckeye – South Portland

170 Lincoln Street
South Portland, ME 04106

Sampling Event 5

PROJ-031334

Analytical Report
(2024GD401)

EPA Method 325B

Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene

Report Submitted By:
Montrose Air Quality Services LLC – Pine Brook, NJ

Enthalpy Analytical, LLC

Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of a report are not taken out of context.

QA REVIEW PERFORMED BY
Brianna Berry
QA Associate I

Report Issued: 10/22/2024

ENTHALPY
ANALYTICAL

Summary of Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Summary

Sample Code	Tube ID	Benzene (ug/m³)	Flag	Ethylbenzene (ug/m³)	Flag	m-/p-Xylene (ug/m³)	Flag	o-Xylene (ug/m³)	Flag	Toluene (ug/m³)	Flag
BCKSP-1-S-20240925	C33263	1.48		1.32		2.36		0.810		4.24	
BCKSP-2-S-20240925	C27848	1.96		1.32		3.78		1.36		6.47	
BCKSP-3-S-20240925	B38606	2.79		1.73		5.42		1.97		9.82	
BCKSP-4-S-20240925	B35917	2.74		1.63		5.08		1.90		10.3	
BCKSP-5-S-20240925	C35728	2.86		1.59		6.15		2.10		10.9	
BCKSP-5-D-20240925	B38553	2.80		1.56		5.28		1.87		10.6	
BCKSP-5-B-20240925	B20621		ND		ND		ND		ND		ND
BCKSP-6-S-20240925	B43587	3.90		2.03		7.48		2.57		14.7	
BCKSP-7-S-20240925	B40302	4.56		2.41		8.27		2.89		16.9	
BCKSP-8-S-20240925	B45015	7.16		3.96		13.4		4.49		26.8	
BCKSP-9-S-20240925	B27653	7.43		2.87		10.2		3.50		22.2	
BCKSP-10-S-20240925	C35887	7.70		3.05		11.4		3.81		23.1	
BCKSP-11-S-20240925	B16846	3.62		1.61		5.31		1.81		10.5	
BCKSP-12-S-20240925	C38882	4.29		1.65		5.69		1.91		12.5	
BCKSP-13-S-20240925	C00774	4.00		1.71		5.61		2.05		12.3	
BCKSP-14-S-20240925	B27822	1.90		1.21		3.43		1.20		5.78	
BCKSP-14-D-20240925	C02046	2.00		1.15		3.47		1.29		6.09	
BCKSP-14-B-20240925	B15749		ND		ND		ND		ND		ND
BCKSP-15-S-20240925	C00762	1.48		1.00		2.84		1.01		4.58	
BCKSP-16-S-20240925	B16988	1.60		1.22		3.04		1.10		4.70	

ND: The analyte was not present above the Method Detection Limit

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240925	C33263	1.48	0.463	19.6	56.1	0.657	20,190	0.189	0.391	0.0590	0.123	
BCKSP-2-S-20240925	C27848	1.96	0.615	26.0	56.1	0.657	20,190	0.189	0.391	0.0590	0.123	
BCKSP-3-S-20240925	B38606	2.79	0.873	37.0	56.1	0.657	20,188	0.189	0.391	0.0591	0.123	
BCKSP-4-S-20240925	B35917	2.74	0.858	36.3	56.1	0.657	20,187	0.189	0.391	0.0591	0.123	
BCKSP-5-S-20240925	C35728	2.86	0.897	38.0	56.1	0.657	20,185	0.189	0.391	0.0591	0.123	
BCKSP-5-D-20240925	B38553	2.80	0.876	37.1	56.1	0.657	20,185	0.189	0.391	0.0591	0.123	
BCKSP-5-B-20240925	B20621				56.1	0.657	20,185	0.189	0.391	0.0591	0.123	ND
BCKSP-6-S-20240925	B43587	3.90	1.22	51.7	56.1	0.657	20,190	0.189	0.391	0.0590	0.123	
BCKSP-7-S-20240925	B40302	4.56	1.43	60.4	56.1	0.657	20,190	0.189	0.391	0.0590	0.123	
BCKSP-8-S-20240925	B45015	7.16	2.24	94.9	56.1	0.657	20,190	0.189	0.391	0.0590	0.123	
BCKSP-9-S-20240925	B27653	7.43	2.33	98.5	56.1	0.657	20,190	0.189	0.391	0.0590	0.123	
BCKSP-10-S-20240925	C35887	7.70	2.41	102	56.1	0.657	20,190	0.189	0.391	0.0590	0.123	
BCKSP-11-S-20240925	B16846	3.62	1.13	48.0	56.1	0.657	20,195	0.188	0.391	0.0590	0.123	
BCKSP-12-S-20240925	C38882	4.29	1.34	56.8	56.1	0.657	20,195	0.188	0.391	0.0590	0.123	
BCKSP-13-S-20240925	C00774	4.00	1.25	53.0	56.1	0.657	20,195	0.188	0.391	0.0590	0.123	
BCKSP-14-S-20240925	B27822	1.90	0.595	25.2	56.1	0.657	20,195	0.188	0.391	0.0590	0.123	
BCKSP-14-D-20240925	C02046	2.00	0.627	26.5	56.1	0.657	20,195	0.188	0.391	0.0590	0.123	
BCKSP-14-B-20240925	B15749				56.1	0.657	20,195	0.188	0.391	0.0590	0.123	ND
BCKSP-15-S-20240925	C00762	1.48	0.463	19.6	56.1	0.657	20,190	0.189	0.391	0.0590	0.123	
BCKSP-16-S-20240925	B16988	1.60	0.500	21.2	56.1	0.657	20,195	0.188	0.391	0.0590	0.123	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240925	C33263	1.32	0.304	12.0	56.1	0.451	20,190	0.275	0.586	0.0633	0.135	
BCKSP-2-S-20240925	C27848	1.32	0.305	12.1	56.1	0.451	20,190	0.275	0.586	0.0633	0.135	
BCKSP-3-S-20240925	B38606	1.73	0.398	15.7	56.1	0.451	20,188	0.275	0.586	0.0633	0.135	
BCKSP-4-S-20240925	B35917	1.63	0.375	14.8	56.1	0.451	20,187	0.275	0.586	0.0633	0.135	
BCKSP-5-S-20240925	C35728	1.59	0.366	14.4	56.1	0.451	20,185	0.275	0.586	0.0633	0.135	
BCKSP-5-D-20240925	B38553	1.56	0.360	14.2	56.1	0.451	20,185	0.275	0.586	0.0633	0.135	
BCKSP-5-B-20240925	B20621				56.1	0.451	20,185	0.275	0.586	0.0633	0.135	ND
BCKSP-6-S-20240925	B43587	2.03	0.468	18.5	56.1	0.451	20,190	0.275	0.586	0.0633	0.135	
BCKSP-7-S-20240925	B40302	2.41	0.555	21.9	56.1	0.451	20,190	0.275	0.586	0.0633	0.135	
BCKSP-8-S-20240925	B45015	3.96	0.911	36.0	56.1	0.451	20,190	0.275	0.586	0.0633	0.135	
BCKSP-9-S-20240925	B27653	2.87	0.660	26.1	56.1	0.451	20,190	0.275	0.586	0.0633	0.135	
BCKSP-10-S-20240925	C35887	3.05	0.702	27.7	56.1	0.451	20,190	0.275	0.586	0.0633	0.135	
BCKSP-11-S-20240925	B16846	1.61	0.372	14.7	56.1	0.451	20,195	0.275	0.586	0.0633	0.135	
BCKSP-12-S-20240925	C38882	1.65	0.381	15.1	56.1	0.451	20,195	0.275	0.586	0.0633	0.135	
BCKSP-13-S-20240925	C00774	1.71	0.395	15.6	56.1	0.451	20,195	0.275	0.586	0.0633	0.135	
BCKSP-14-S-20240925	B27822	1.21	0.279	11.0	56.1	0.451	20,195	0.275	0.586	0.0633	0.135	
BCKSP-14-D-20240925	C02046	1.15	0.264	10.4	56.1	0.451	20,195	0.275	0.586	0.0633	0.135	
BCKSP-14-B-20240925	B15749				56.1	0.451	20,195	0.275	0.586	0.0633	0.135	ND
BCKSP-15-S-20240925	C00762	1.00	0.231	9.14	56.1	0.451	20,190	0.275	0.586	0.0633	0.135	
BCKSP-16-S-20240925	B16988	1.22	0.282	11.2	56.1	0.451	20,195	0.275	0.586	0.0633	0.135	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

m-/p-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240925	C33263	2.36	0.544	21.5	56.1	0.451	20,190	0.275	0.590	0.0633	0.136	
BCKSP-2-S-20240925	C27848	3.78	0.872	34.4	56.1	0.451	20,190	0.275	0.590	0.0633	0.136	
BCKSP-3-S-20240925	B38606	5.42	1.25	49.4	56.1	0.451	20,188	0.275	0.590	0.0633	0.136	
BCKSP-4-S-20240925	B35917	5.08	1.17	46.3	56.1	0.451	20,187	0.275	0.590	0.0633	0.136	
BCKSP-5-S-20240925	C35728	6.15	1.42	56.0	56.1	0.451	20,185	0.275	0.590	0.0633	0.136	
BCKSP-5-D-20240925	B38553	5.28	1.22	48.0	56.1	0.451	20,185	0.275	0.590	0.0633	0.136	
BCKSP-5-B-20240925	B20621				56.1	0.451	20,185	0.275	0.590	0.0633	0.136	ND
BCKSP-6-S-20240925	B43587	7.48	1.72	68.1	56.1	0.451	20,190	0.275	0.590	0.0633	0.136	
BCKSP-7-S-20240925	B40302	8.27	1.91	75.3	56.1	0.451	20,190	0.275	0.590	0.0633	0.136	
BCKSP-8-S-20240925	B45015	13.4	3.10	122	56.1	0.451	20,190	0.275	0.590	0.0633	0.136	
BCKSP-9-S-20240925	B27653	10.2	2.36	93.1	56.1	0.451	20,190	0.275	0.590	0.0633	0.136	
BCKSP-10-S-20240925	C35887	11.4	2.63	104	56.1	0.451	20,190	0.275	0.590	0.0633	0.136	
BCKSP-11-S-20240925	B16846	5.31	1.22	48.4	56.1	0.451	20,195	0.275	0.589	0.0633	0.136	
BCKSP-12-S-20240925	C38882	5.69	1.31	51.8	56.1	0.451	20,195	0.275	0.589	0.0633	0.136	
BCKSP-13-S-20240925	C00774	5.61	1.29	51.0	56.1	0.451	20,195	0.275	0.589	0.0633	0.136	
BCKSP-14-S-20240925	B27822	3.43	0.790	31.2	56.1	0.451	20,195	0.275	0.589	0.0633	0.136	
BCKSP-14-D-20240925	C02046	3.47	0.799	31.6	56.1	0.451	20,195	0.275	0.589	0.0633	0.136	
BCKSP-14-B-20240925	B15749				56.1	0.451	20,195	0.275	0.589	0.0633	0.136	ND
BCKSP-15-S-20240925	C00762	2.84	0.655	25.9	56.1	0.451	20,190	0.275	0.590	0.0633	0.136	
BCKSP-16-S-20240925	B16988	3.04	0.701	27.7	56.1	0.451	20,195	0.275	0.589	0.0633	0.136	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240925	C33263	0.810	0.187	7.38	56.1	0.451	20,190	0.275	0.593	0.0633	0.137	
BCKSP-2-S-20240925	C27848	1.36	0.313	12.4	56.1	0.451	20,190	0.275	0.593	0.0633	0.137	
BCKSP-3-S-20240925	B38606	1.97	0.454	18.0	56.1	0.451	20,188	0.275	0.593	0.0633	0.137	
BCKSP-4-S-20240925	B35917	1.90	0.437	17.3	56.1	0.451	20,187	0.275	0.593	0.0633	0.137	
BCKSP-5-S-20240925	C35728	2.10	0.485	19.1	56.1	0.451	20,185	0.275	0.593	0.0633	0.137	
BCKSP-5-D-20240925	B38553	1.87	0.431	17.0	56.1	0.451	20,185	0.275	0.593	0.0633	0.137	
BCKSP-5-B-20240925	B20621				56.1	0.451	20,185	0.275	0.593	0.0633	0.137	ND
BCKSP-6-S-20240925	B43587	2.57	0.593	23.4	56.1	0.451	20,190	0.275	0.593	0.0633	0.137	
BCKSP-7-S-20240925	B40302	2.89	0.665	26.3	56.1	0.451	20,190	0.275	0.593	0.0633	0.137	
BCKSP-8-S-20240925	B45015	4.49	1.04	40.9	56.1	0.451	20,190	0.275	0.593	0.0633	0.137	
BCKSP-9-S-20240925	B27653	3.50	0.807	31.9	56.1	0.451	20,190	0.275	0.593	0.0633	0.137	
BCKSP-10-S-20240925	C35887	3.81	0.879	34.7	56.1	0.451	20,190	0.275	0.593	0.0633	0.137	
BCKSP-11-S-20240925	B16846	1.81	0.416	16.5	56.1	0.451	20,195	0.275	0.593	0.0633	0.137	
BCKSP-12-S-20240925	C38882	1.91	0.441	17.4	56.1	0.451	20,195	0.275	0.593	0.0633	0.137	
BCKSP-13-S-20240925	C00774	2.05	0.472	18.7	56.1	0.451	20,195	0.275	0.593	0.0633	0.137	
BCKSP-14-S-20240925	B27822	1.20	0.276	10.9	56.1	0.451	20,195	0.275	0.593	0.0633	0.137	
BCKSP-14-D-20240925	C02046	1.29	0.298	11.8	56.1	0.451	20,195	0.275	0.593	0.0633	0.137	
BCKSP-14-B-20240925	B15749				56.1	0.451	20,195	0.275	0.593	0.0633	0.137	ND
BCKSP-15-S-20240925	C00762	1.01	0.233	9.20	56.1	0.451	20,190	0.275	0.593	0.0633	0.137	
BCKSP-16-S-20240925	B16988	1.10	0.254	10.0	56.1	0.451	20,195	0.275	0.593	0.0633	0.137	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240925	C33263	4.24	1.13	43.7	56.1	0.510	20,190	0.243	0.524	0.0645	0.139	
BCKSP-2-S-20240925	C27848	6.47	1.72	66.6	56.1	0.510	20,190	0.243	0.524	0.0645	0.139	
BCKSP-3-S-20240925	B38606	9.82	2.61	101	56.1	0.510	20,188	0.243	0.524	0.0645	0.139	
BCKSP-4-S-20240925	B35917	10.3	2.74	106	56.1	0.510	20,187	0.243	0.524	0.0645	0.139	
BCKSP-5-S-20240925	C35728	10.9	2.90	112	56.1	0.510	20,185	0.243	0.524	0.0645	0.139	
BCKSP-5-D-20240925	B38553	10.6	2.82	109	56.1	0.510	20,185	0.243	0.524	0.0645	0.139	
BCKSP-5-B-20240925	B20621				56.1	0.510	20,185	0.243	0.524	0.0645	0.139	ND
BCKSP-6-S-20240925	B43587	14.7	3.91	152	56.1	0.510	20,190	0.243	0.524	0.0645	0.139	
BCKSP-7-S-20240925	B40302	16.9	4.49	174	56.1	0.510	20,190	0.243	0.524	0.0645	0.139	
BCKSP-8-S-20240925	B45015	26.8	7.11	276	56.1	0.510	20,190	0.243	0.524	0.0645	0.139	
BCKSP-9-S-20240925	B27653	22.2	5.91	229	56.1	0.510	20,190	0.243	0.524	0.0645	0.139	
BCKSP-10-S-20240925	C35887	23.1	6.14	238	56.1	0.510	20,190	0.243	0.524	0.0645	0.139	
BCKSP-11-S-20240925	B16846	10.5	2.78	108	56.1	0.510	20,195	0.243	0.523	0.0645	0.139	
BCKSP-12-S-20240925	C38882	12.5	3.31	128	56.1	0.510	20,195	0.243	0.523	0.0645	0.139	
BCKSP-13-S-20240925	C00774	12.3	3.25	126	56.1	0.510	20,195	0.243	0.523	0.0645	0.139	
BCKSP-14-S-20240925	B27822	5.78	1.54	59.5	56.1	0.510	20,195	0.243	0.523	0.0645	0.139	
BCKSP-14-D-20240925	C02046	6.09	1.62	62.7	56.1	0.510	20,195	0.243	0.523	0.0645	0.139	
BCKSP-14-B-20240925	B15749				56.1	0.510	20,195	0.243	0.523	0.0645	0.139	ND
BCKSP-15-S-20240925	C00762	4.58	1.22	47.2	56.1	0.510	20,190	0.243	0.524	0.0645	0.139	
BCKSP-16-S-20240925	B16988	4.70	1.25	48.4	56.1	0.510	20,195	0.243	0.523	0.0645	0.139	

ND: The analyte was not present above the Method Detection Limit

QC

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
Blanks (ug/m³)	BCKSP-5-B-20240925	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	BCKSP-14-B-20240925	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	BCKSP-5-D-20240925	2.3%	Pass	1.5%	Pass	15%	Pass	12%	Pass	2.7%	Pass
	BCKSP-14-D-20240925	5.2%	Pass	5.5%	Pass	1.1%	Pass	7.6%	Pass	5.2%	Pass

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	Buckeye – South Portland
Project	PROJ-031334
Report #	2024GD401

Custody	Enthalpy Analytical, LLC received the sample tubes on 10/11/24. The samples were received in good condition at a temperature of 20.0 ºC. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for Benzene, Toluene, Ethylbenzene, o-Xylene, and m-/p-Xylenes using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.
Reporting Notes	The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged. As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks. All samples were reported as amount in ng catch, and concentration in µg/m3 and ppbv. The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Sample Custody

2024GD401

EPA Method 325 A
Field Test Data Sheet and Chain of Custody Record

Page # 1 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye, So Portland	Client Name:	Montrose Air
Site Address:	170 Lincoln Street	Project Number:	PROJ-031334
City:	So Portland	Project Manager:	Hary Brochu
State	Maine	Email Address:	harybrochu@Montrose-env.com
Zip:	04106	Telephone #:	207.441.0025

PO#:
Sample Event #
Sorbent:

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C33263	S	9/25/24	10:00	10/9/24	10:30	HFB / HFB		
2	C27848	S	9/25/24	10:05	10/9/24	10:35	HFB / HFB		
3	B38606	S	9/25/24	10:12	10/9/24	10:40	HFB / HFB		
4	B35917	S	9/25/24	10:18	10/9/24	10:45	HFB / HFB		
5	C35728	S	9/25/24	10:25	10/9/24	10:50	HFB / HFB		
(1) 5	B38553	D	9/25/24	10:25	10/9/24	10:50	HFB / HFB		
5	B20621	B	9/25/24	10:25	10/9/24	10:50	HFB / HFB		
(2) 6	B43587	S	9/25/24	10:30	10/9/24	11:00	HFB / HFB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Hary Brochu		10/9/2024	17:00
Recieved By (printed):	Recieved By (signature):	Receipt Date:	Receipt Time:
Sabrina Williams	Sab Williams	10/11/2024	10:00 AM

Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good		Y	

Ice Temp:	Blank Temp:	
	20.0	Fluke 7A

Add Custody Seal # below: 24A02649

Comments:
(1) B38553 cap was loose / not secured. SMW 10/11/24
(2) B43587 cap was loose / not secured. SMW 10/11/24.

2024GD401

ENTHALPY ANALYTICAL

EPA Method 325 A
Field Test Data Sheet and Chain of Custody Record

Page # 2 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye So Portland	Client Name:	Montrose Air
Site Address:	170 Lincoln Street	Project Number:	PROJ-031334
City:	So Portland	Project Manager:	Haig Brochu
State	Maine	Email Address:	haigbrochu@Montrose-env.com
Zip:	04106	Telephone #:	207-441-0025

PO#:
Sample Event #
Sorbent:

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
7	B40302	S	9/25/24	10:35	10/9/24	11:05	HBS / HFB		
8	B45015	S	9/25/24	10:40	10/9/24	11:10	HBS / HFB		
9	B27653	S	9/25/24	10:45	10/9/24	11:15	HBS / HFB		
10	C35887	S	9/25/24	10:50	10/9/24	11:20	HBS / HFB		
11	B16846	S	9/25/24	10:55	10/9/24	11:30	HBS / HFB		
12	C38882	S	9/25/24	11:00	10/9/24	11:35	HBS / HFB		
13	C00774	S	9/25/24	11:05	10/9/24	11:40	HBS / HFB		
14	B27822	S	9/25/24	11:10	10/9/24	11:45	HBS / HFB		

Relinquished By (printed): Haig Brochu	Relinquished By (signature):	Relinquished Date: 10/9/2024	Relinquished Time: 12:00
Recieved By (printed): Sabrina Williams	Recieved By (signature): Sab Williams	Receipt Date: 10/11/2024	Receipt Time: 10:00
Sample Condition Upon Receipt: Good	Compound List:	Custody Seal intact? Y/N: Y	Delivery tracking #
Ice Temp:	Blank Temp: 20.0 Fluke 7A	Add Custody Seal # below: 24A02649	

Comments:

2024GD401

ENTHALPY ANALYTICAL

EPA Method 325 A
Field Test Data Sheet and Chain of Custody Record

Page # 3 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye So Portland	Client Name:	Montrose Air
Site Address:	170 Lincoln Street	Project Number:	PROJ-031334
City:	So Portland	Project Manager:	Haley Brochu
State	Maine	Email Address:	haleybrochu@Montrose-env.com
Zip:	04106	Telephone #:	207.441.0025

PO#:
Sample Event #
Sorbent:

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
14	C02046	D	9/25/24	11:10	10/9/24	11:45	HAB / HPB		
14	B15749	B	9/25/24	11:10	10/9/24	11:45	HAB / HPB		
15	C00762	S	9/25/24	11:20	10/9/24	11:50	HAB / HPB		
16	B16988	S	9/25/24	11:25	10/9/24	12:00	HAB / HPB		
							/		
							/		
							/		
							/		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haley Brochu		10/9/2024	17:00
Recieved By (printed):	Recieved By (signature):	Receipt Date:	Receipt Time:
Sabrina Williams	Sabrina Williams	10/11/2024	10:00

Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good		Y	
Ice Temp: / Blank Temp: 20.0 / Fluke 7A		Add Custody Seal # below: 24AC2649	

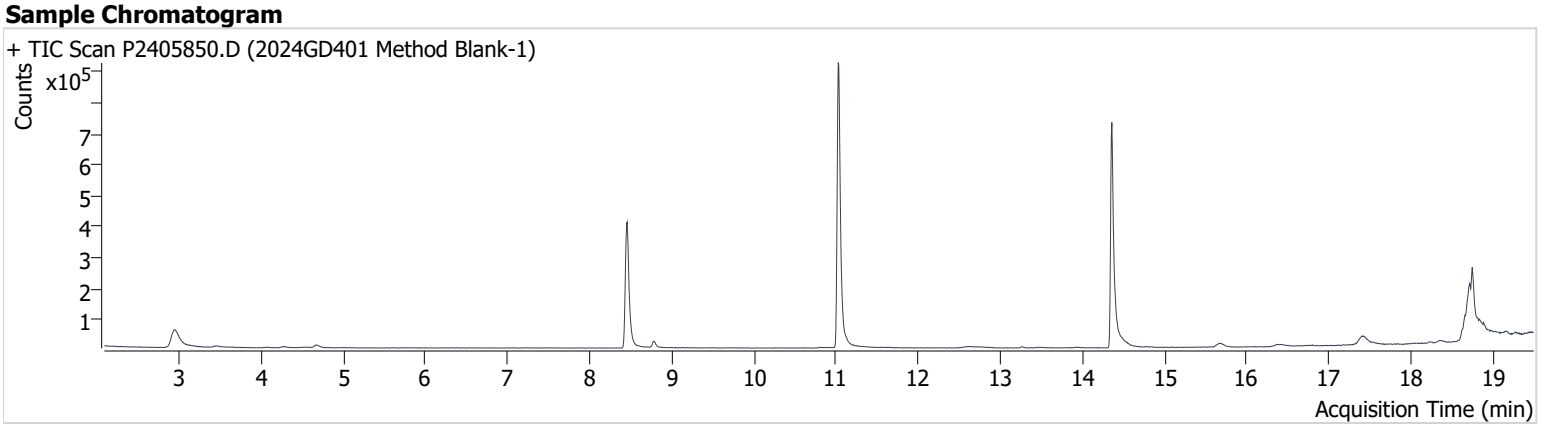
Comments:

Sample Chromatograms

ENTHALPY ANALYTICAL

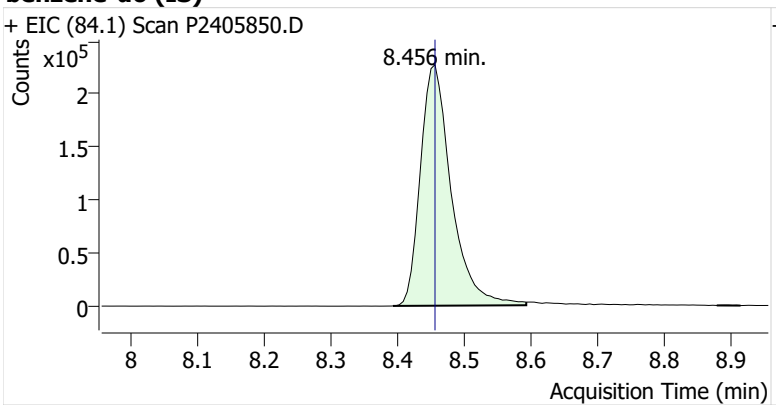
Name	2024GD401 Method Blank-1
Comment	B17532
Data File	P2405850.D
Acq. Date-Time	10/11/2024 5:29:34 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

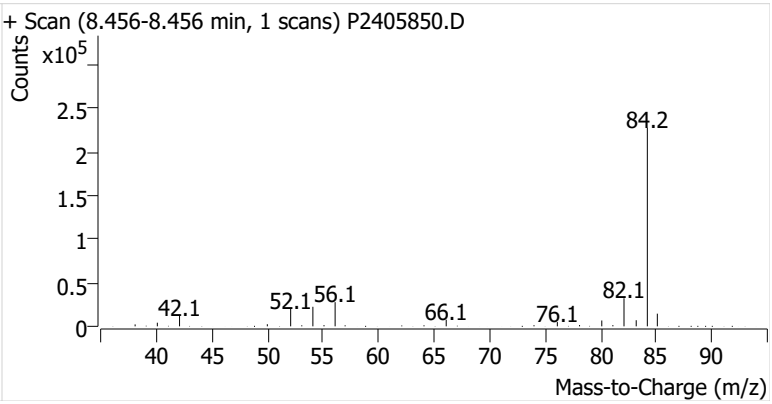
Sample Chromatogram



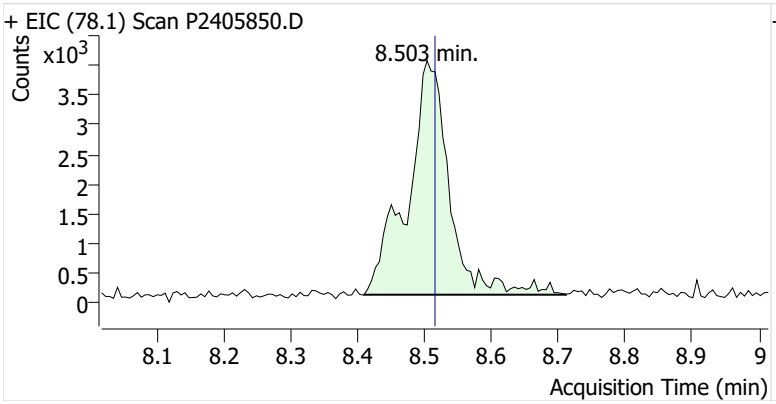
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	729,702	
Benzene	benzene-d6 (IS)	8.503	8.515	17,241	
Toluene-d8 (IS)		11.026	11.032	1,059,730	
Toluene	Toluene-d8 (IS)	11.127	11.121	13,818	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	4,286	
m-/p-Xylene	Toluene-d8 (IS)	13.459	13.459	2,921	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	2,707	

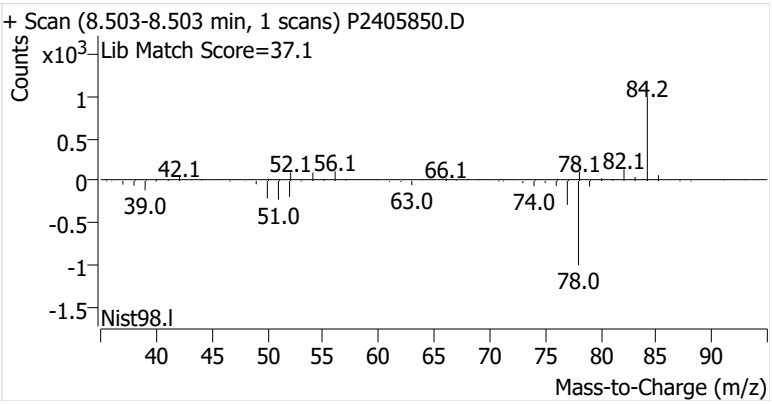
benzene-d6 (IS)



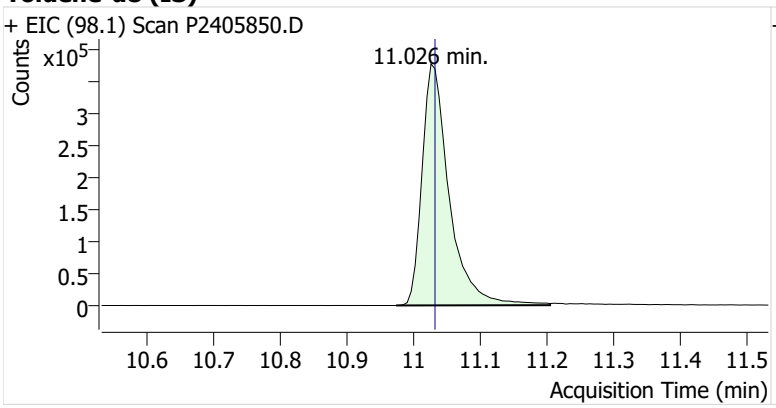


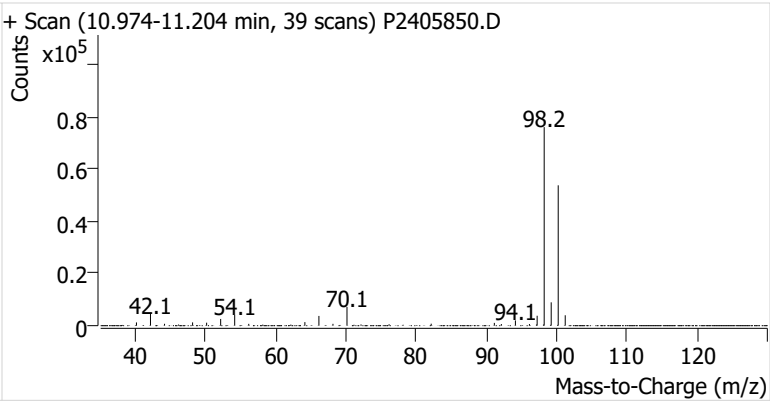
Benzene



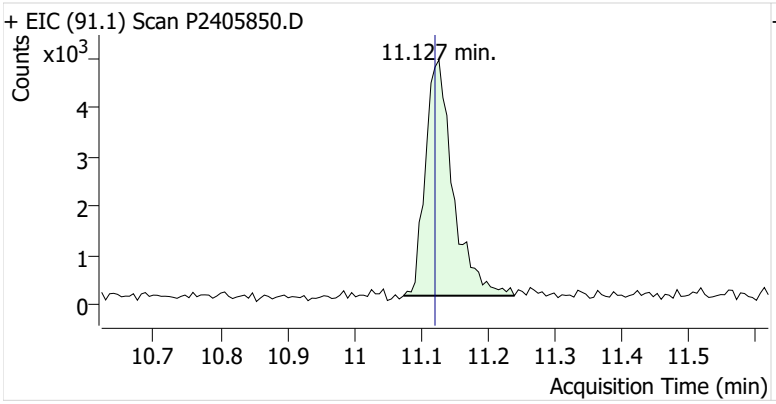


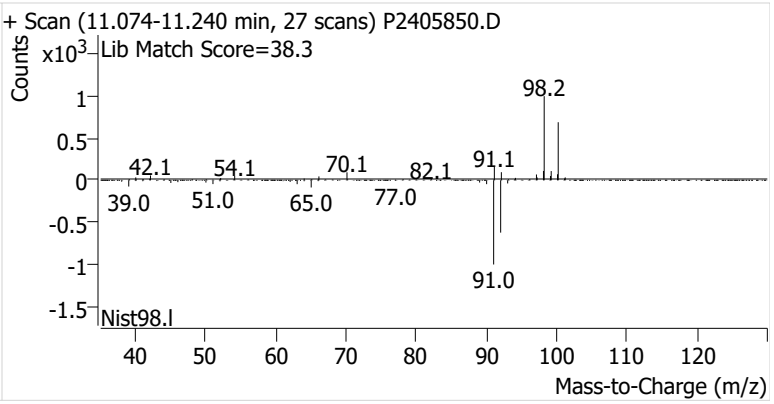
Toluene-d8 (IS)



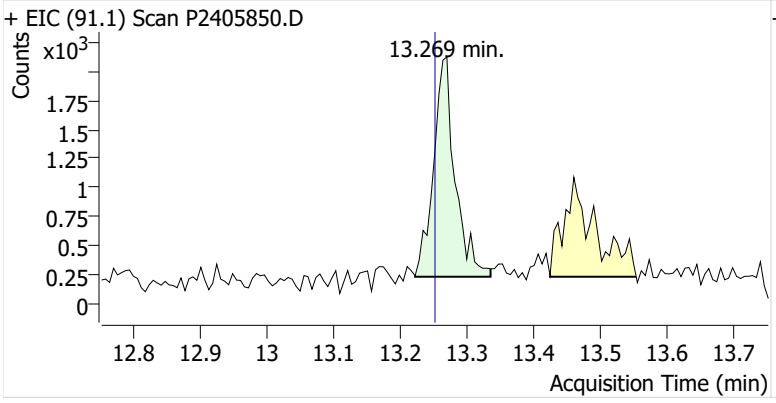


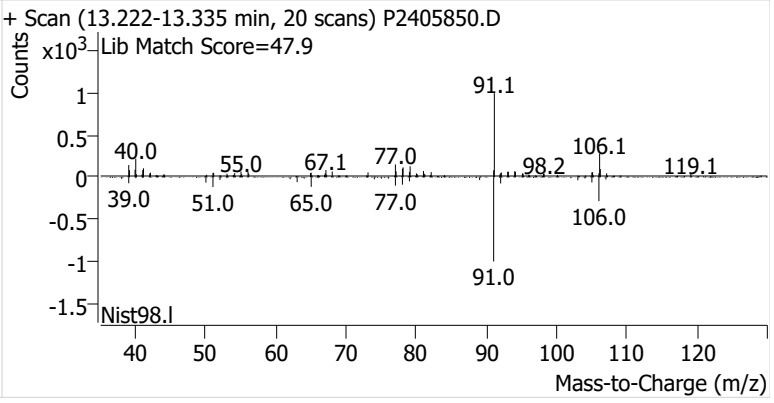
Toluene



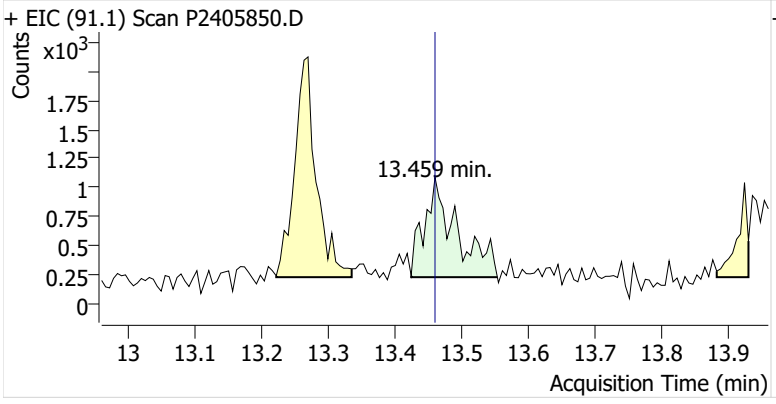


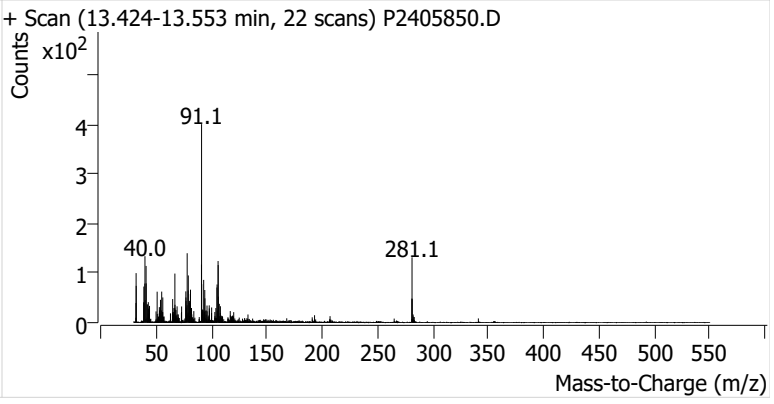
Ethylbenzene



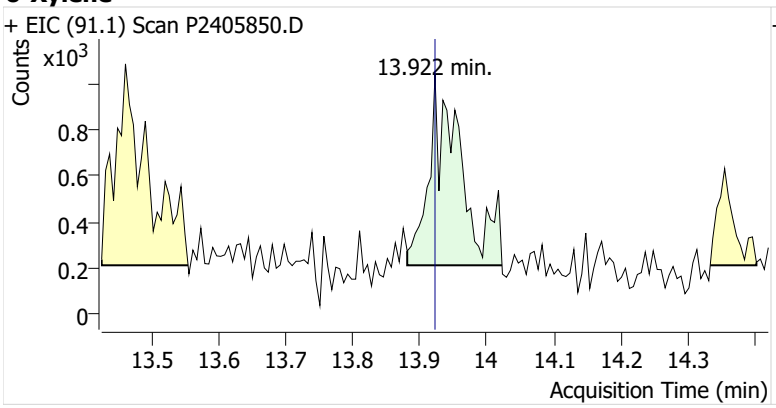


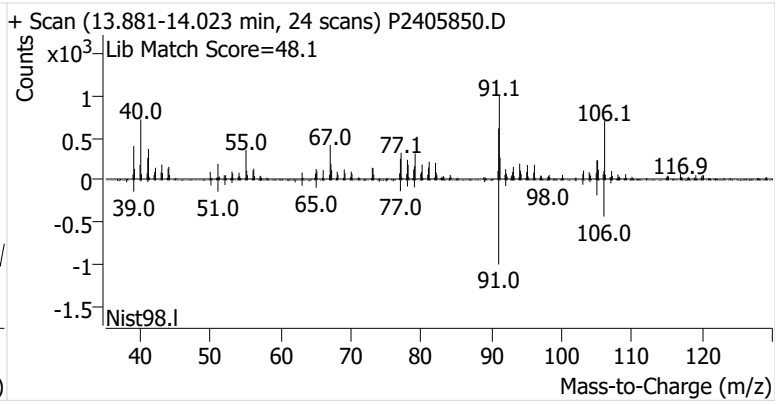
m-/p-Xylene





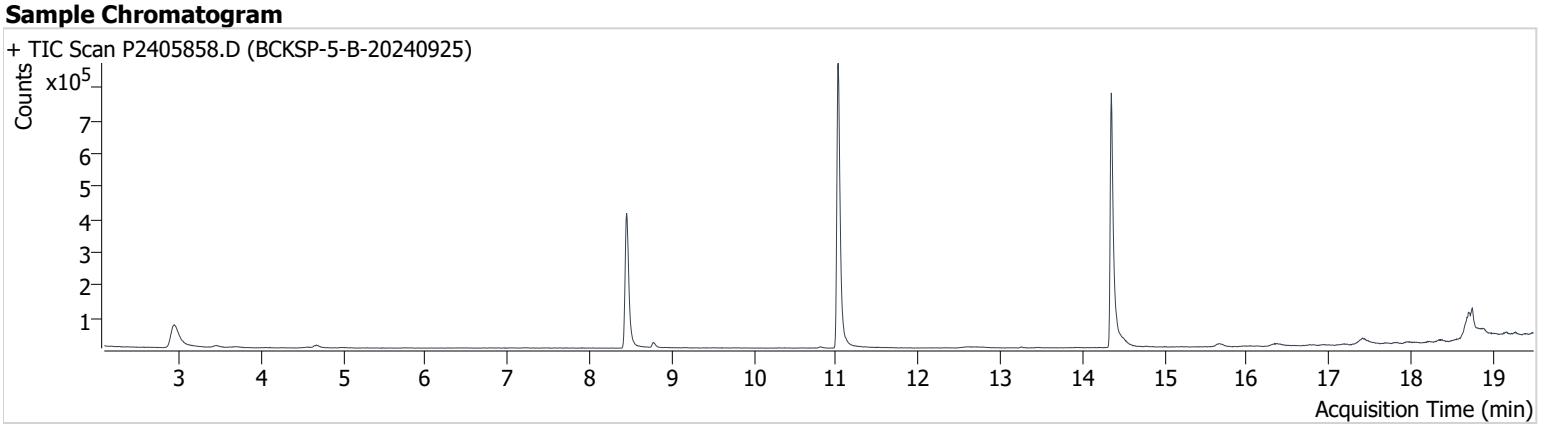
o-Xylene


+ EIC (91.1) Scan P2405850.D
Counts
x10^3
13.922 min.
0.8
0.6
0.4
0.2
0
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.881-14.023 min, 24 scans) P2405850.D
Counts
x10^3
Lib Match Score=48.1
91.1
40.0
106.1
55.0
67.0
77.1
116.9
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

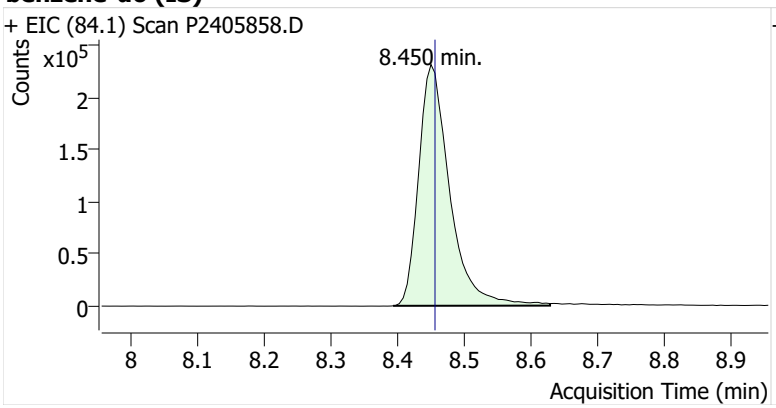
Name	BCKSP-5-B-20240925
Comment	B20621
Data File	P2405858.D
Acq. Date-Time	10/11/2024 10:28:29 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

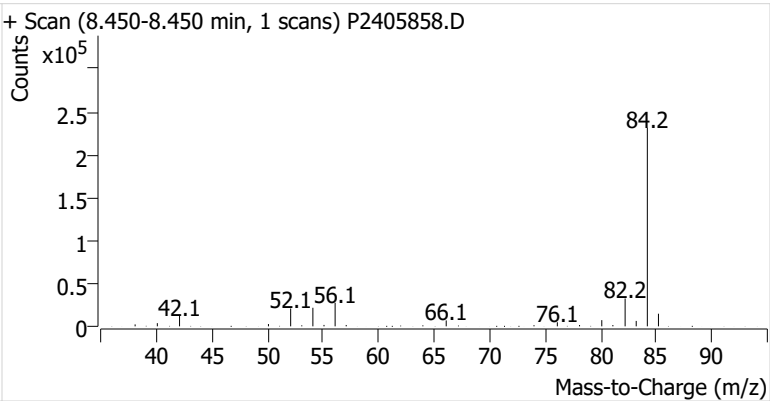
Sample Chromatogram



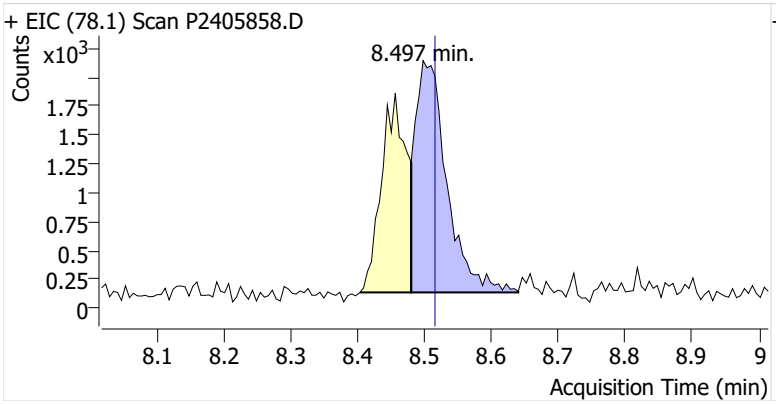
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	744,466	
Benzene	benzene-d6 (IS)	8.497	8.515	6,606	
Toluene-d8 (IS)		11.026	11.032	1,000,964	
Toluene	Toluene-d8 (IS)	11.115	11.121	10,976	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	2,599	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	1,986	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	528	m

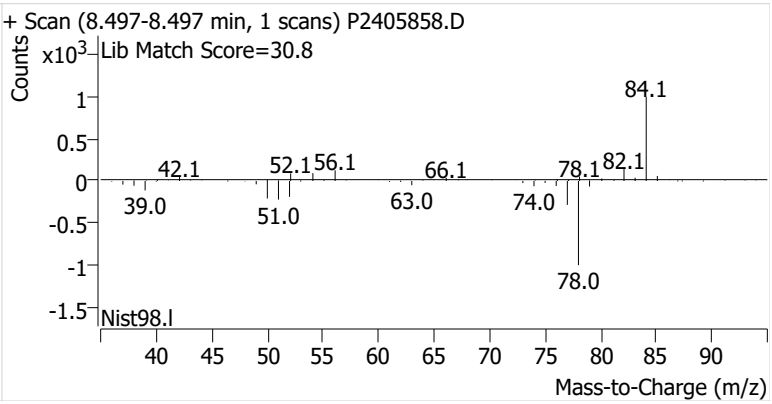
benzene-d6 (IS)



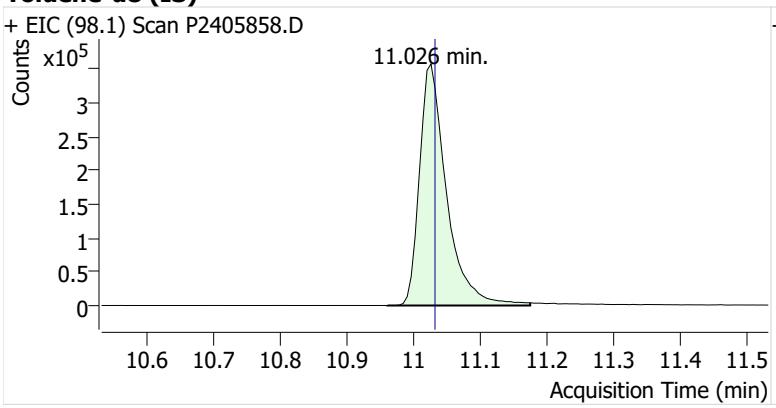


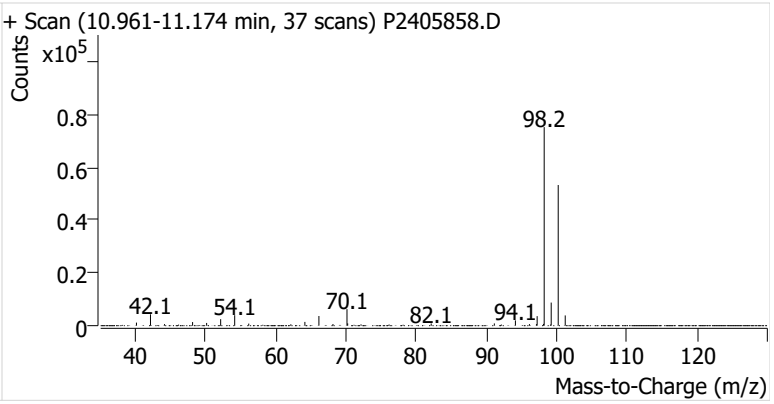
Benzene



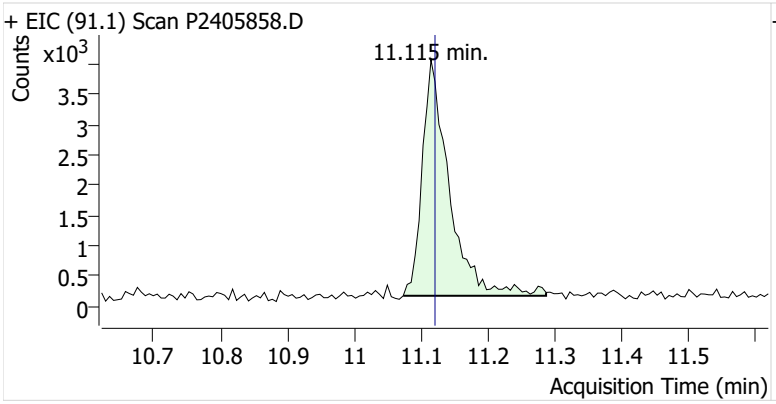


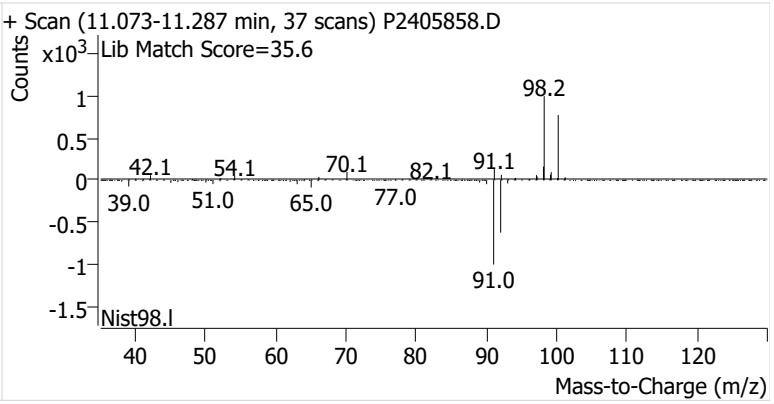
Toluene-d8 (IS)



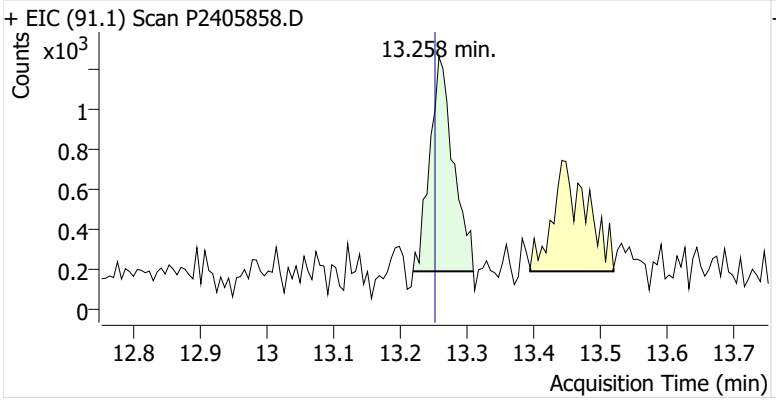


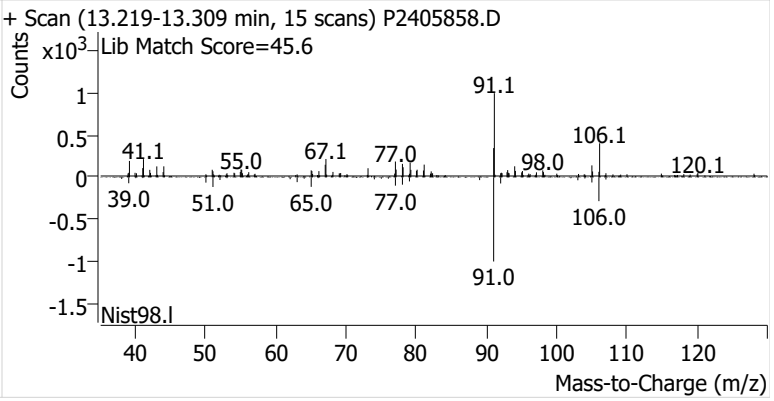
Toluene



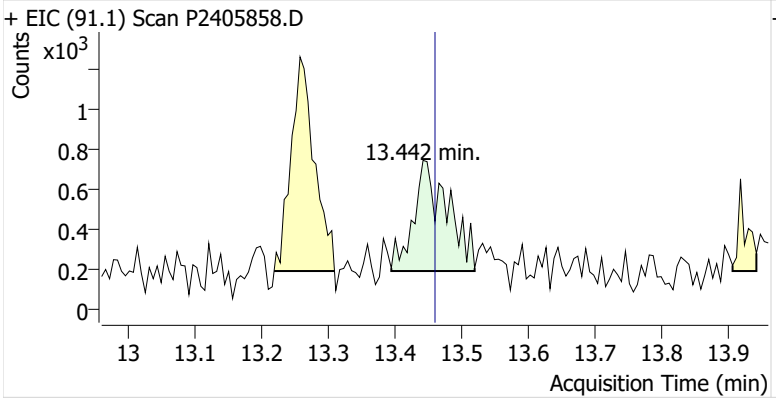


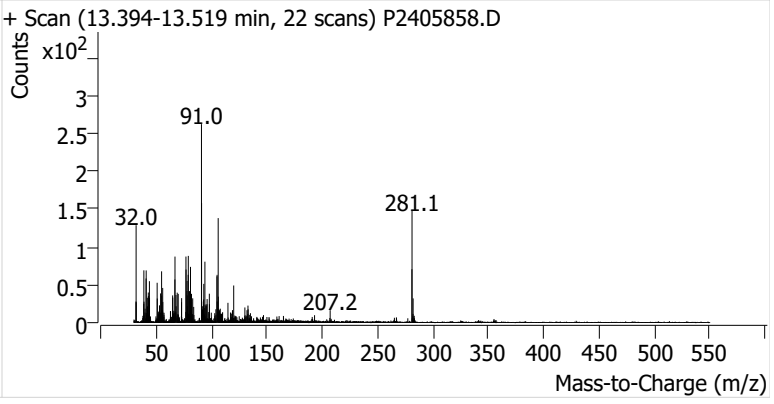
Ethylbenzene



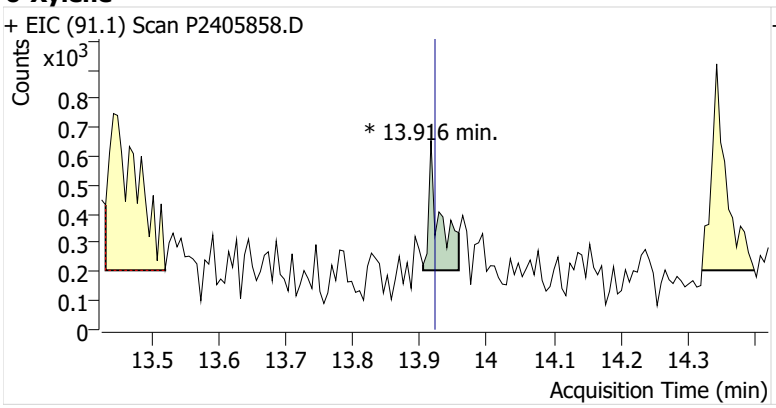


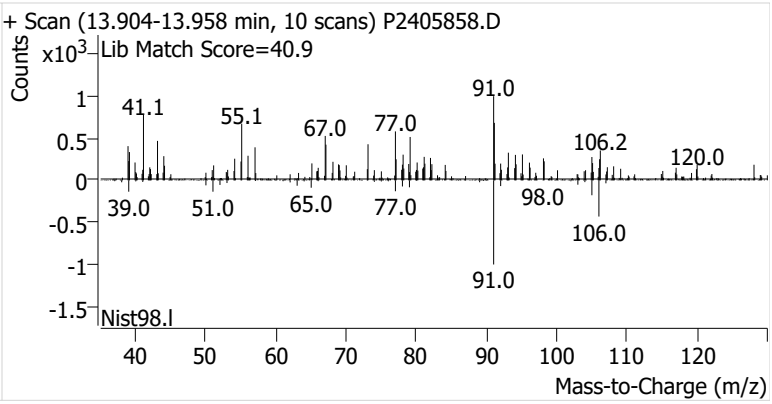
m-/p-Xylene





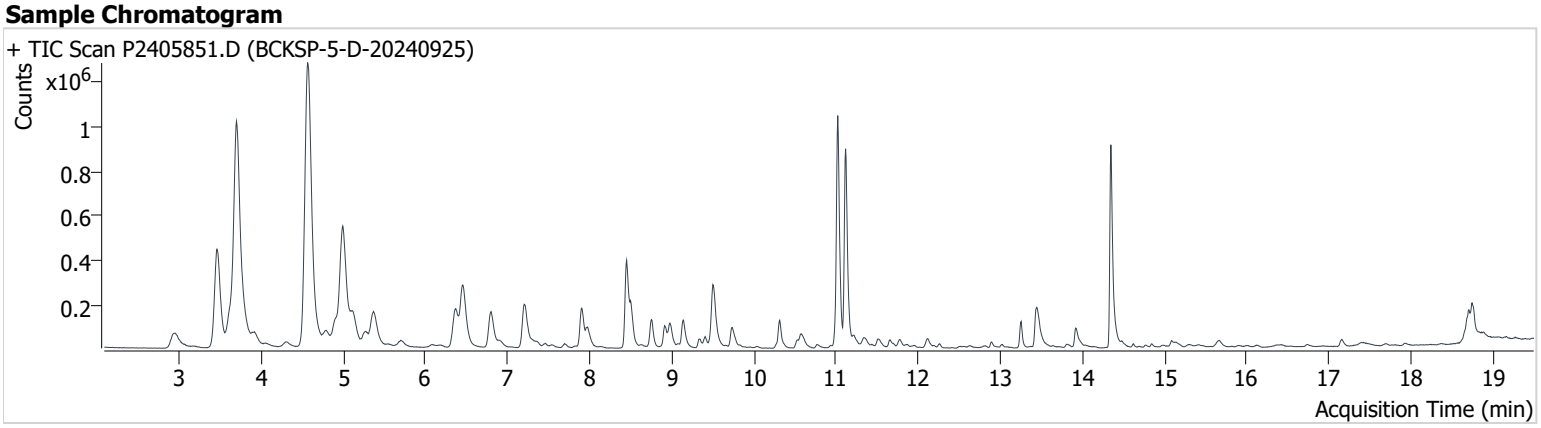
o-Xylene


+ EIC (91.1) Scan P2405858.D
Counts
x10^3
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
* 13.916 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.904-13.958 min, 10 scans) P2405858.D
Lib Match Score=40.9
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.0
77.0
91.0
106.2
120.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

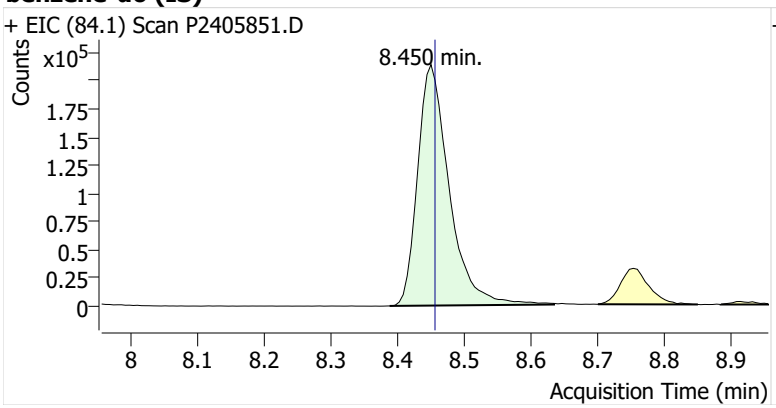
Name	BCKSP-5-D-20240925
Comment	B38553
Data File	P2405851.D
Acq. Date-Time	10/11/2024 6:06:52 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

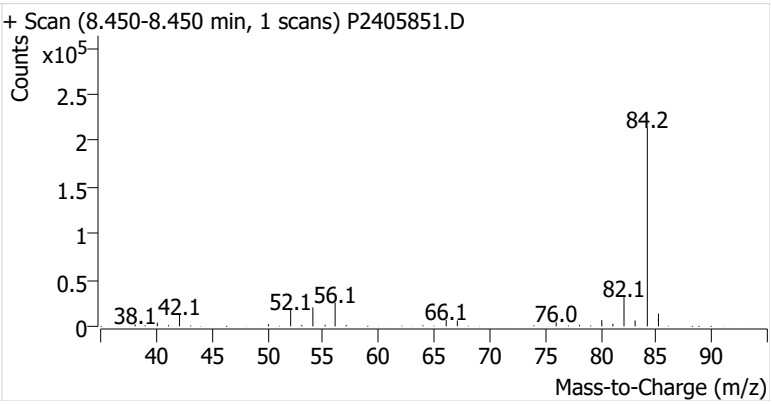
Sample Chromatogram



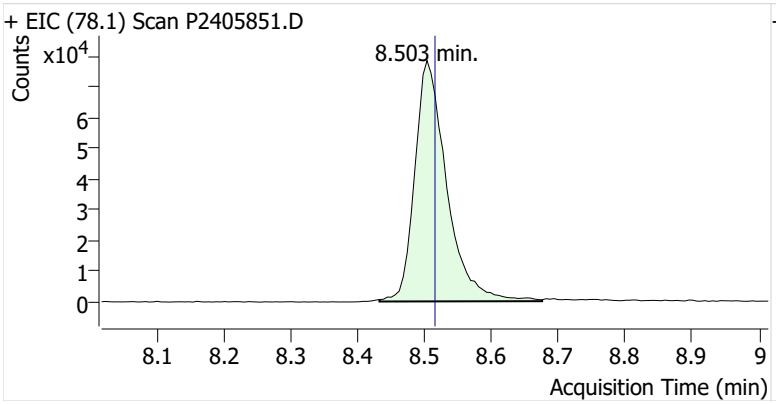
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	700,266	
Benzene	benzene-d6 (IS)	8.503	8.515	260,286	
Toluene-d8 (IS)		11.020	11.032	1,043,076	
Toluene	Toluene-d8 (IS)	11.115	11.121	911,543	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	127,787	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	295,093	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	116,173	

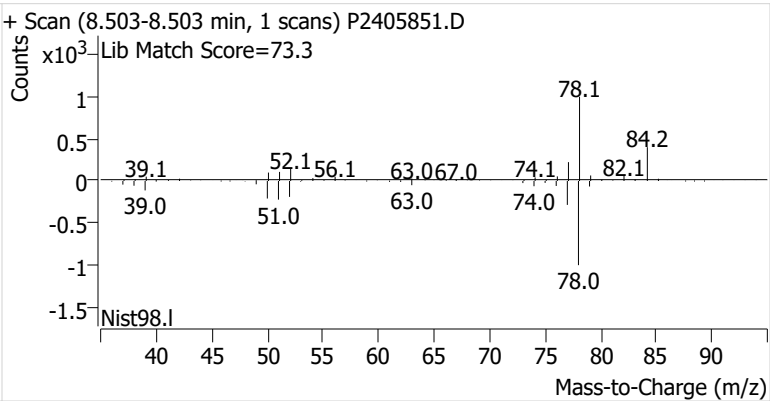
benzene-d6 (IS)



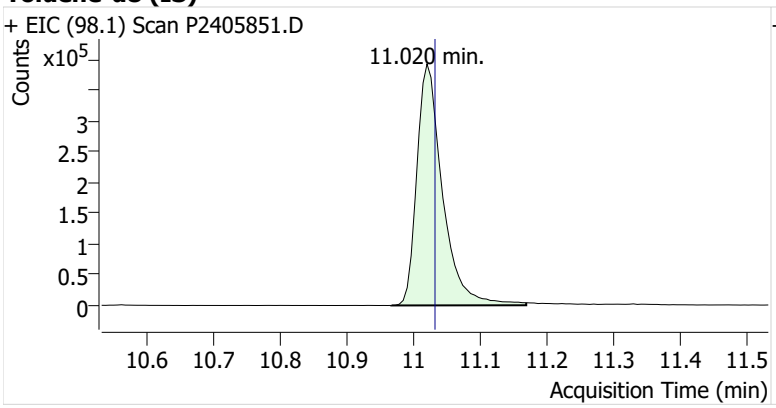


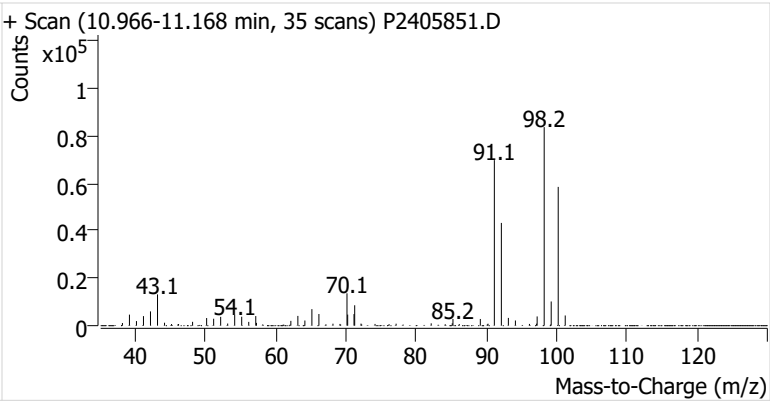
Benzene



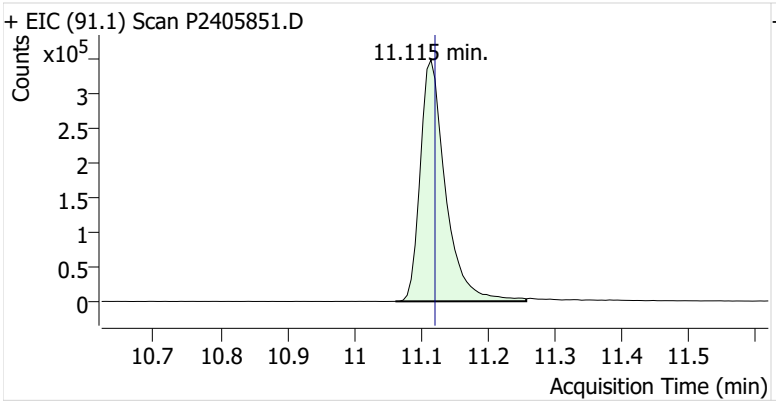


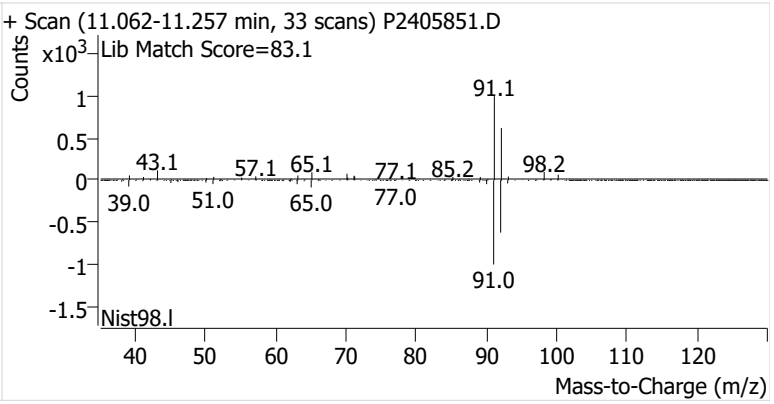
Toluene-d8 (IS)



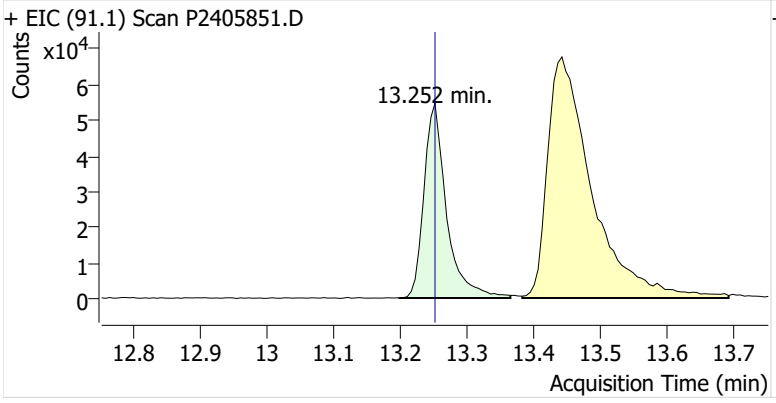


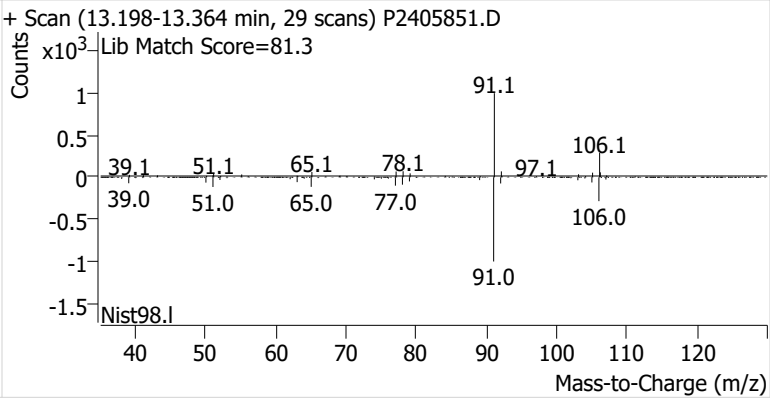
Toluene



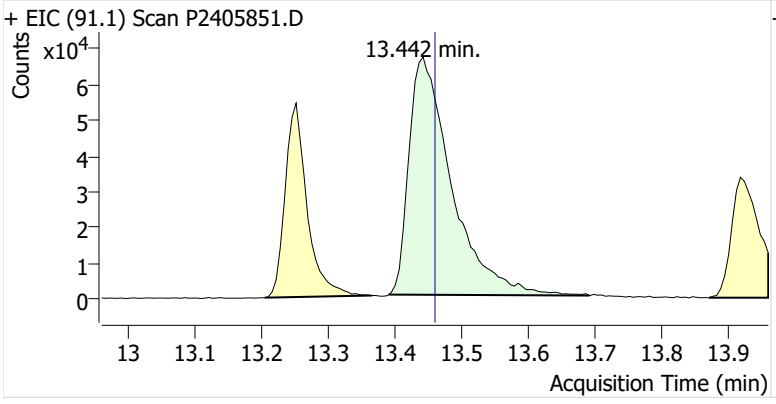


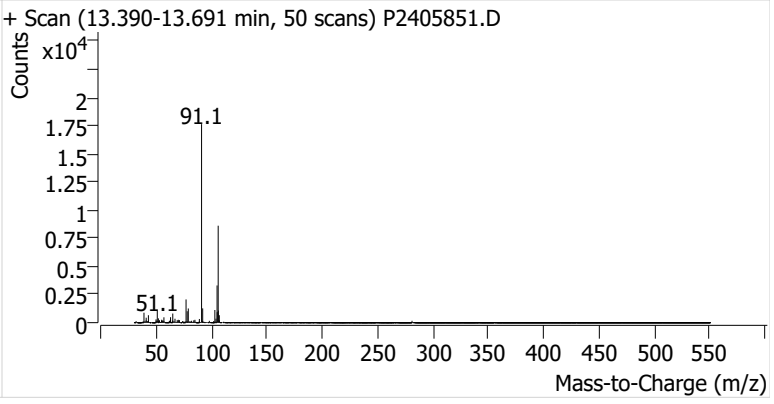
Ethylbenzene



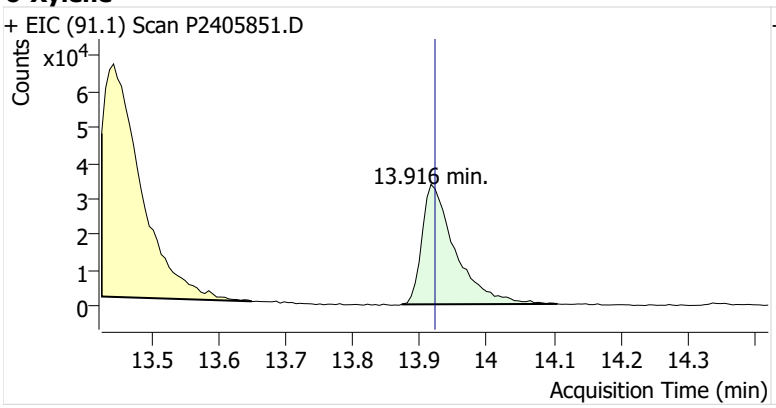


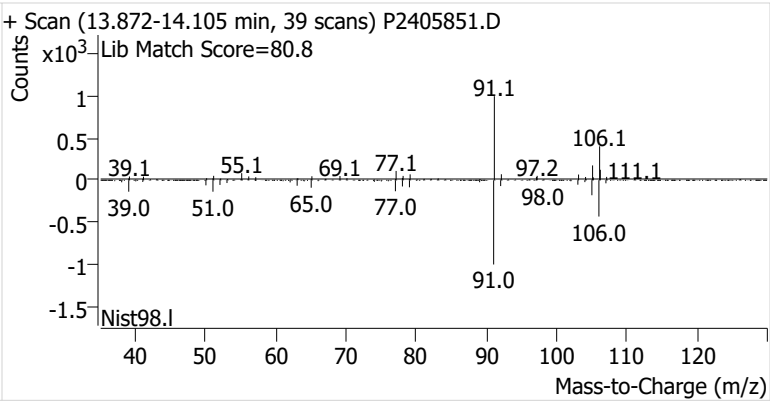
m-/p-Xylene





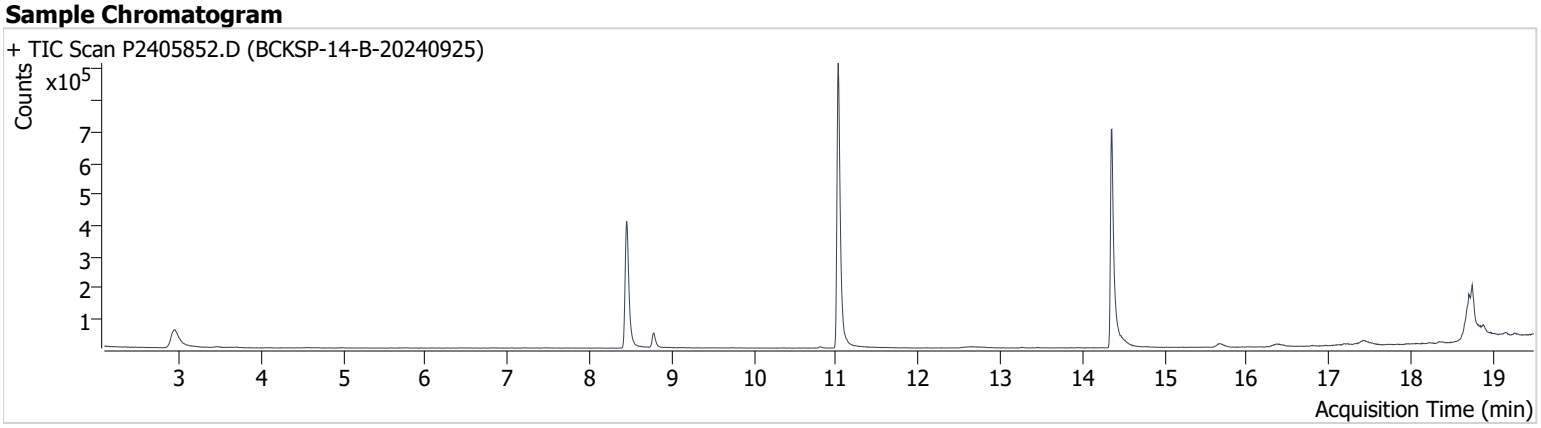
o-Xylene


+ EIC (91.1) Scan P2405851.D
Counts
x10^4
13.916 min.
Acquisition Time (min)


+ Scan (13.872-14.105 min, 39 scans) P2405851.D
Counts
x10^3
Lib Match Score=80.8
91.1
106.1
39.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

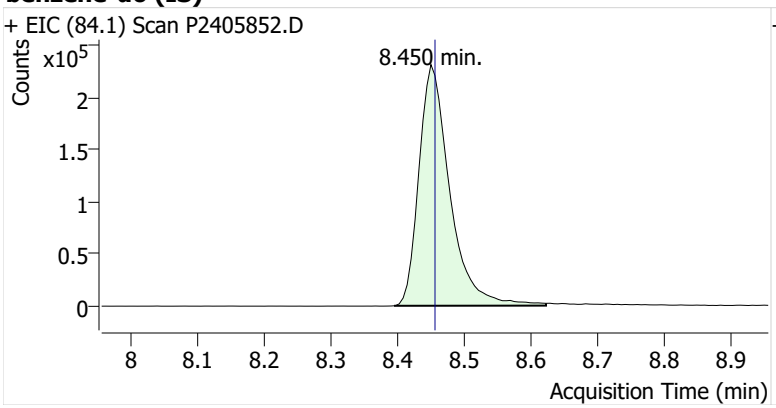
Name	BCKSP-14-B-20240925
Comment	B15749
Data File	P2405852.D
Acq. Date-Time	10/11/2024 6:44:10 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

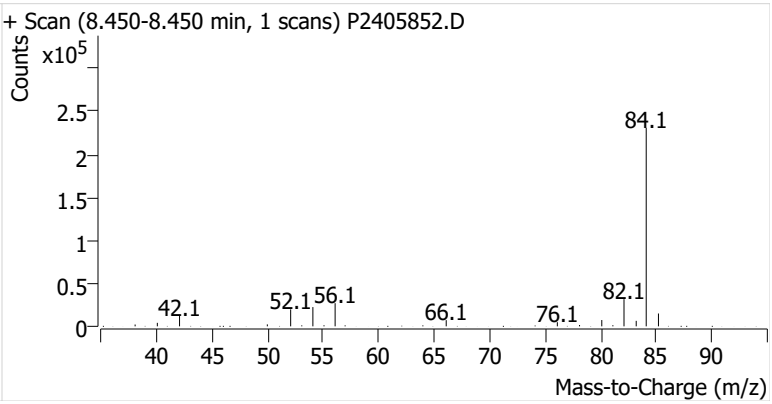
Sample Chromatogram



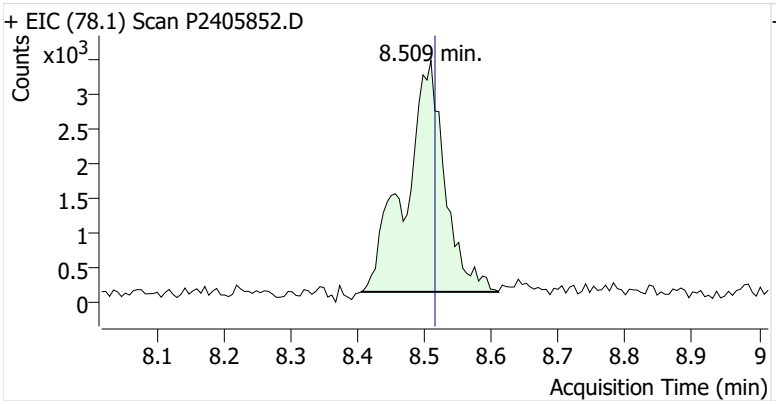
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	739,208	
Benzene	benzene-d6 (IS)	8.509	8.515	13,778	
Toluene-d8 (IS)		11.026	11.032	1,039,676	
Toluene	Toluene-d8 (IS)	11.121	11.121	8,764	
Ethylbenzene	Toluene-d8 (IS)	13.263	13.252	2,271	
m-/p-Xylene	Toluene-d8 (IS)	13.495	13.459	1,430	
o-Xylene	Toluene-d8 (IS)	13.940	13.922	473	m

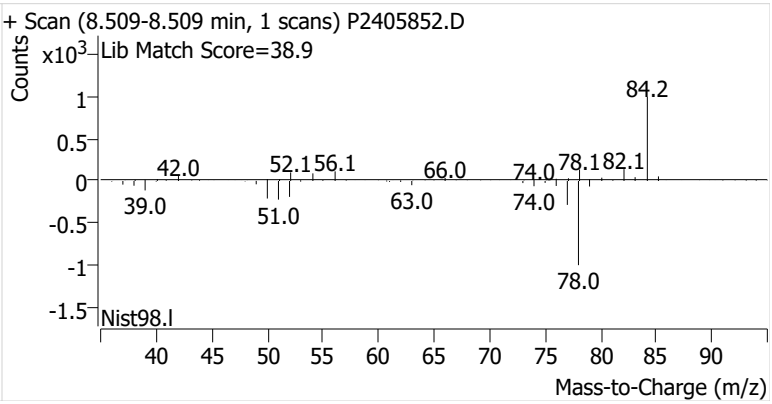
benzene-d6 (IS)



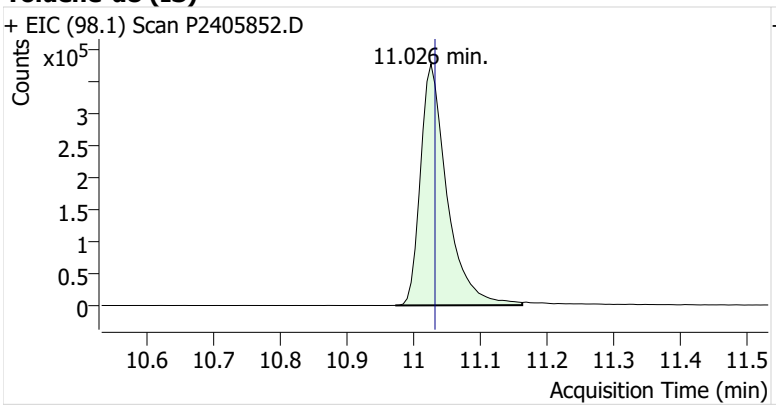


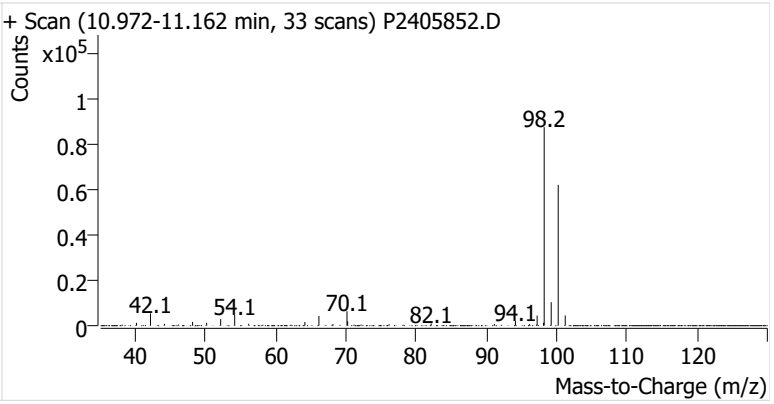
Benzene



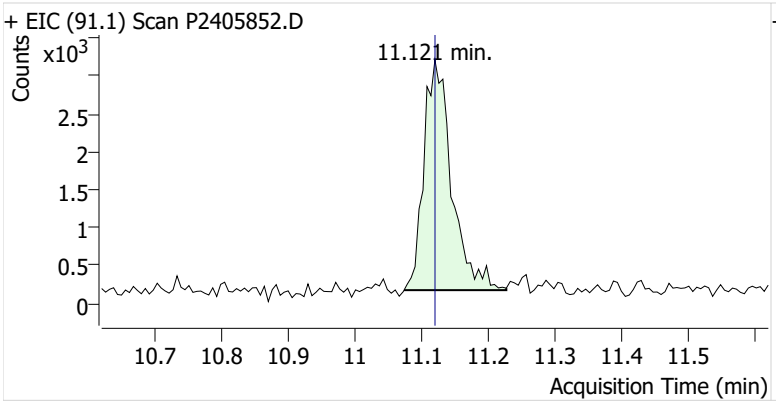


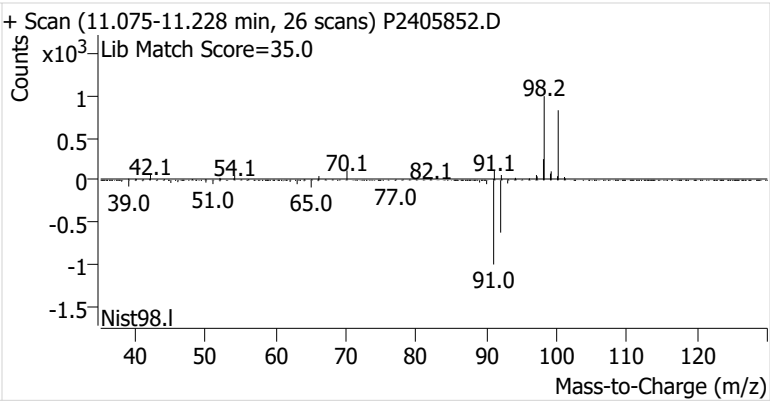
Toluene-d8 (IS)



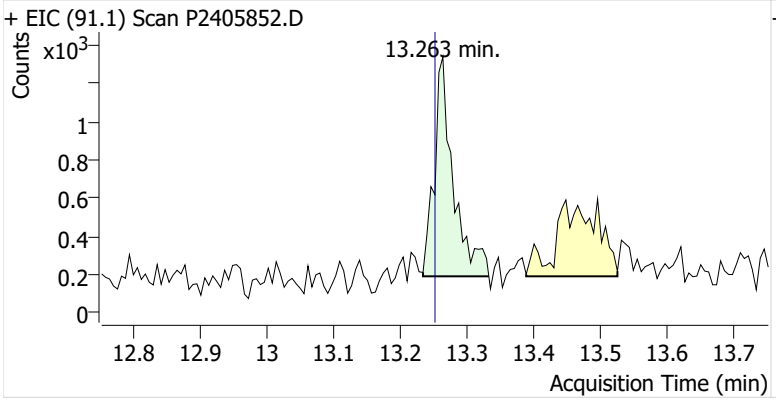


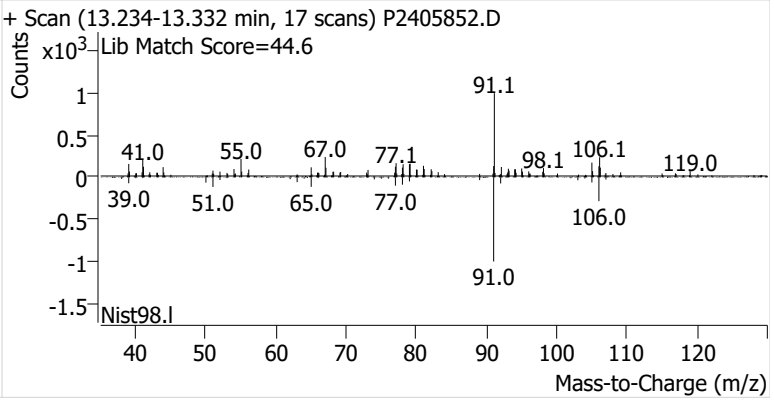
Toluene



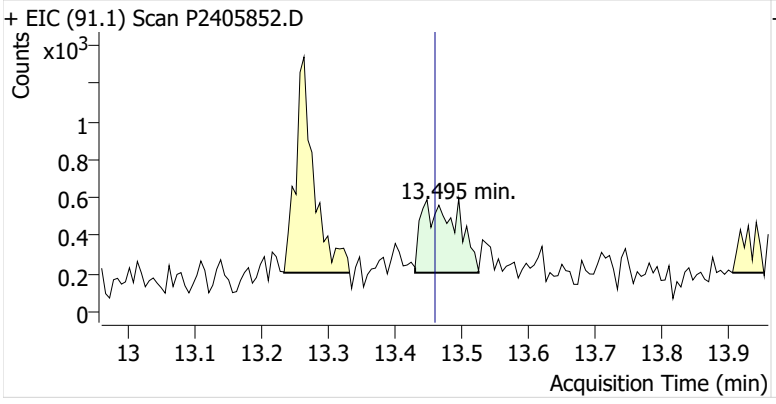


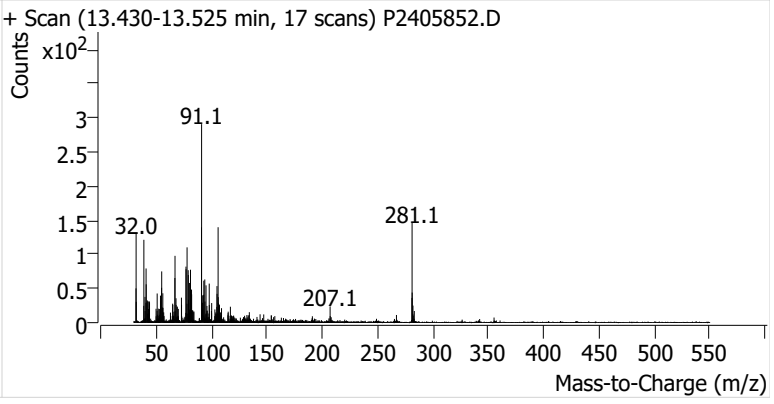
Ethylbenzene



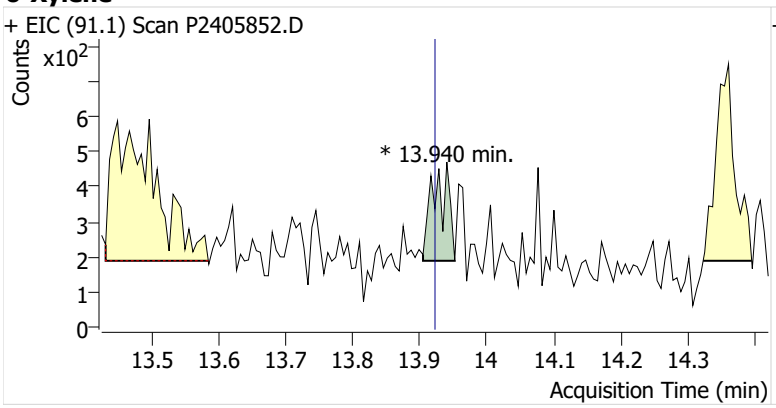


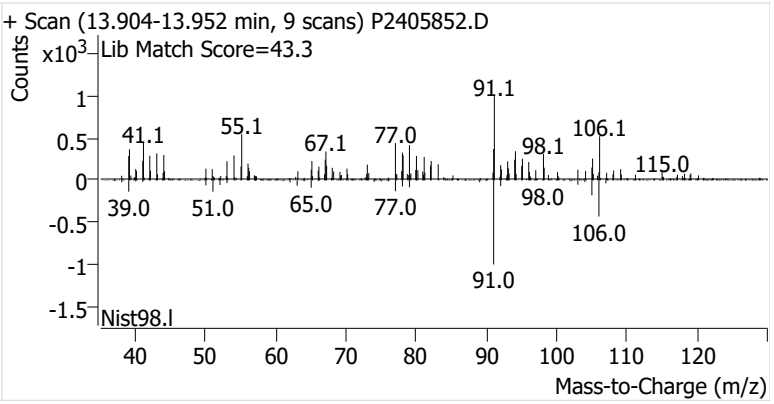
m-/p-Xylene





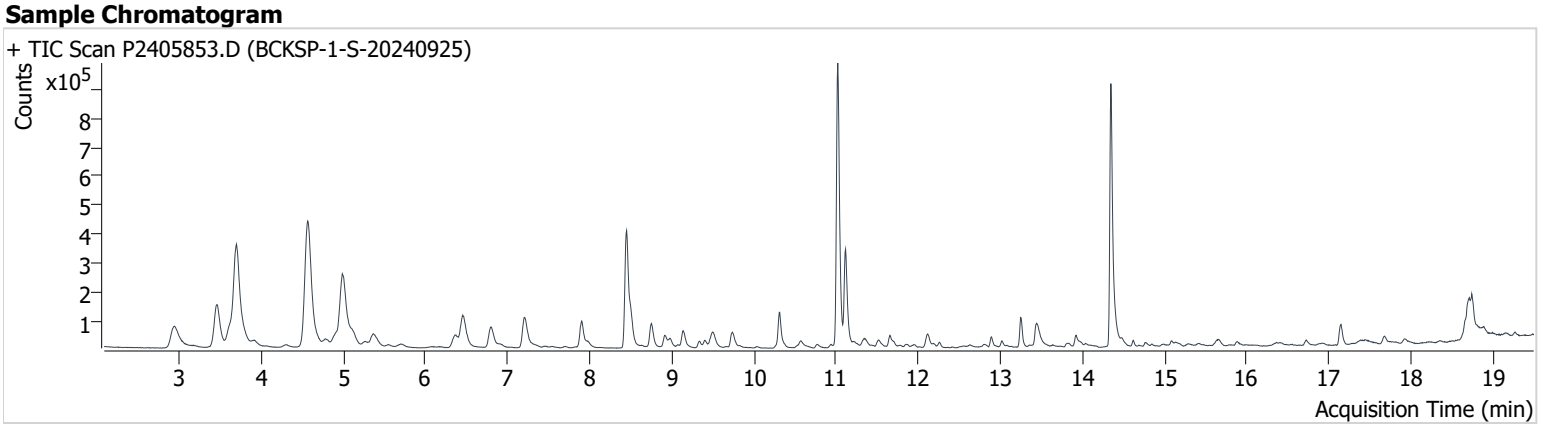
o-Xylene


+ EIC (91.1) Scan P2405852.D
Counts
x10^2
* 13.940 min.
Acquisition Time (min)


+ Scan (13.904-13.952 min, 9 scans) P2405852.D
Counts
x10^3
Lib Match Score=43.3
Nist98.l
Mass-to-Charge (m/z)

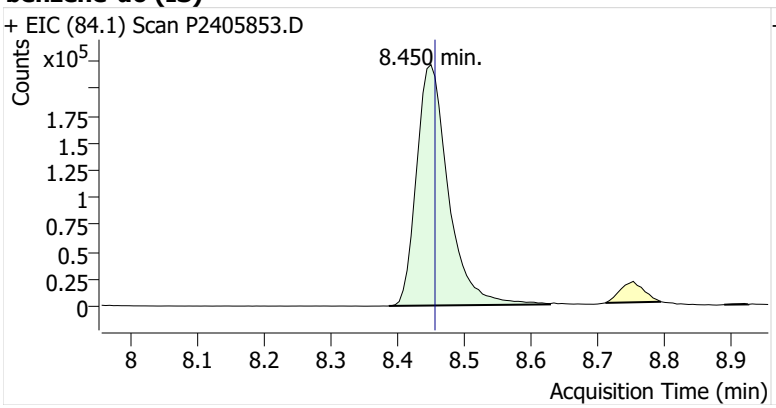
Name	BCKSP-1-S-20240925
Comment	C33263
Data File	P2405853.D
Acq. Date-Time	10/11/2024 7:21:28 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

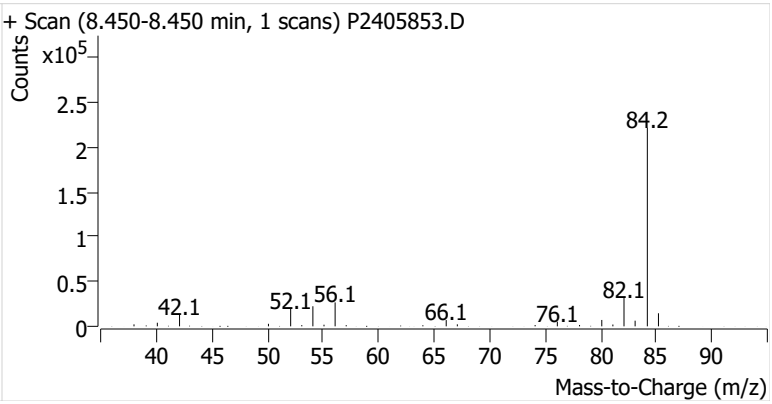
Sample Chromatogram



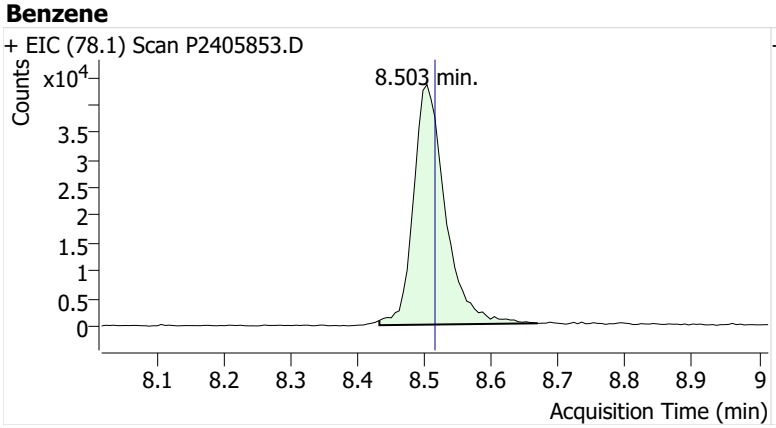
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	732,427	
Benzene	benzene-d6 (IS)	8.503	8.515	143,946	
Toluene-d8 (IS)		11.020	11.032	1,059,469	
Toluene	Toluene-d8 (IS)	11.115	11.121	370,044	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.252	109,661	
m-/p-Xylene	Toluene-d8 (IS)	13.441	13.459	134,170	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	51,145	

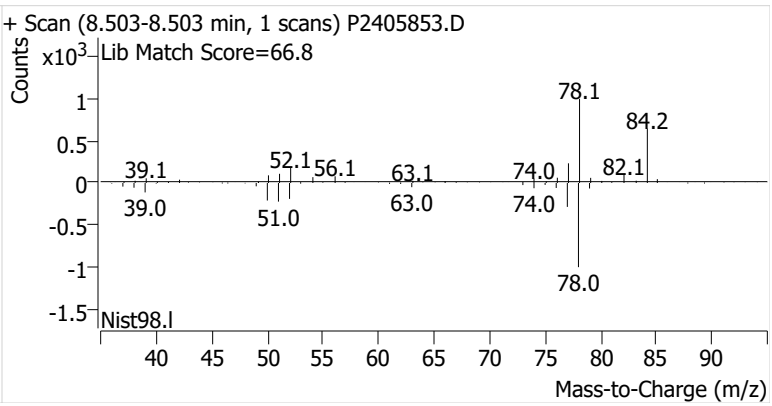
benzene-d6 (IS)



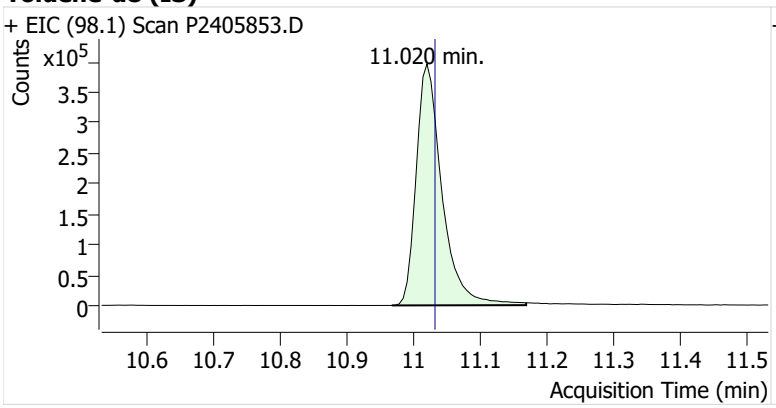


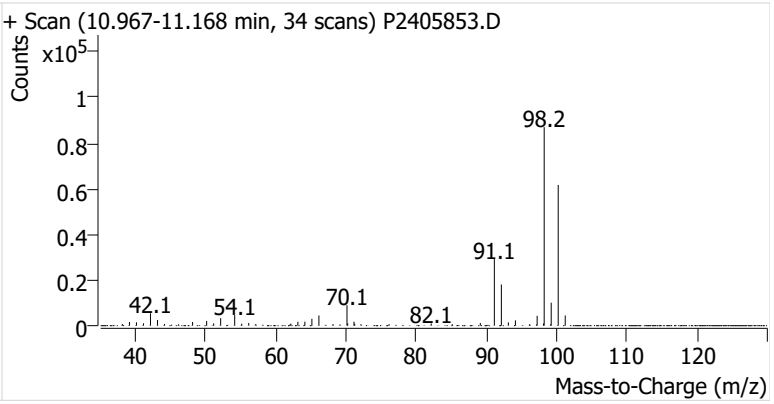
Benzene



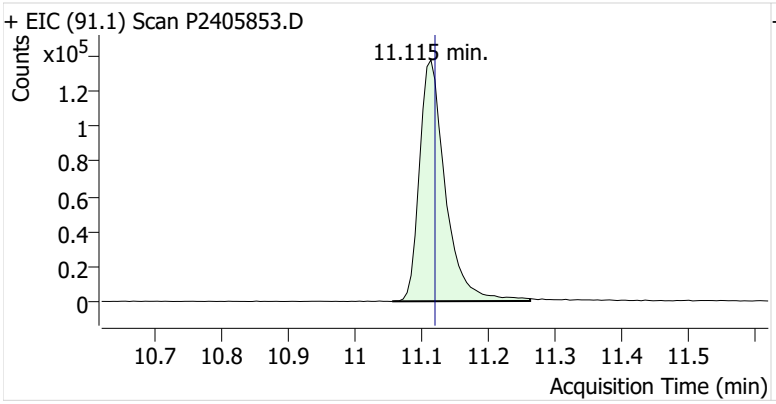


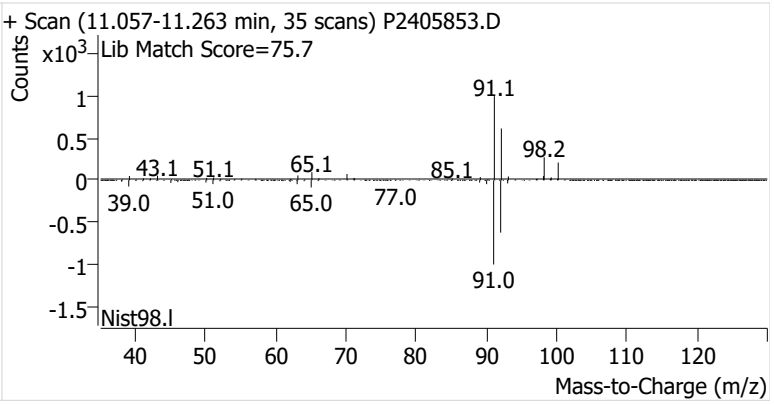
Toluene-d8 (IS)



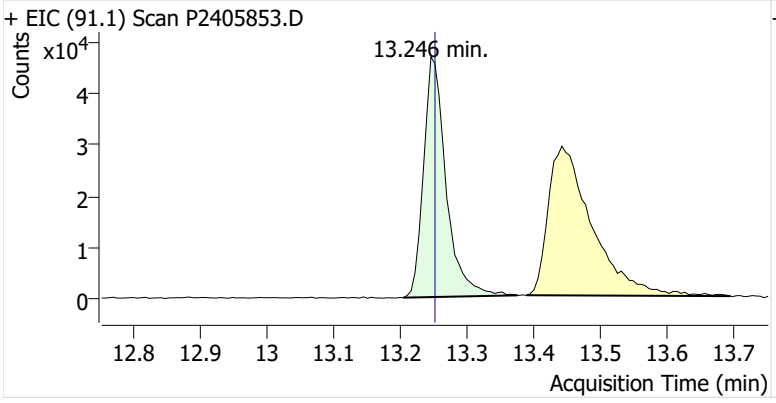


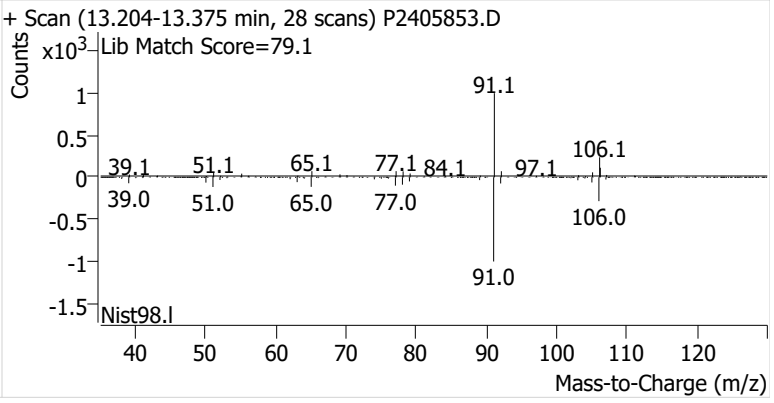
Toluene



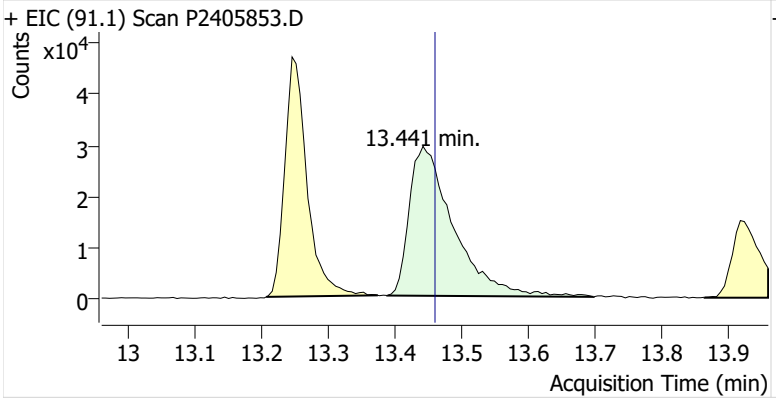


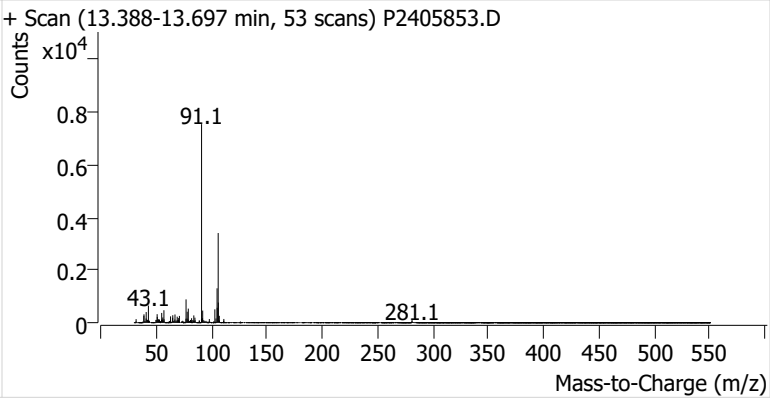
Ethylbenzene



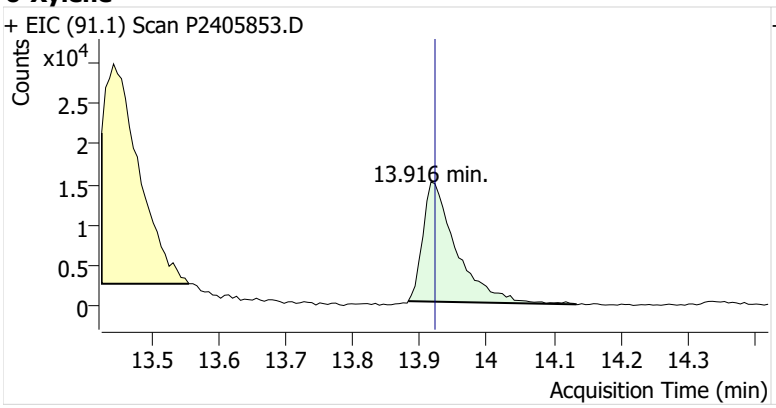


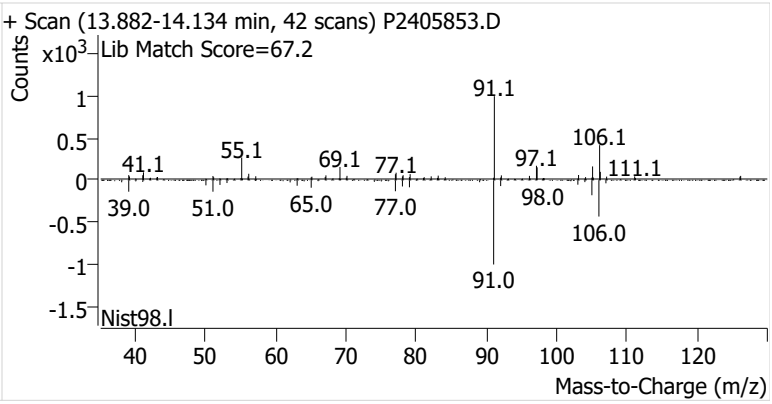
m-/p-Xylene





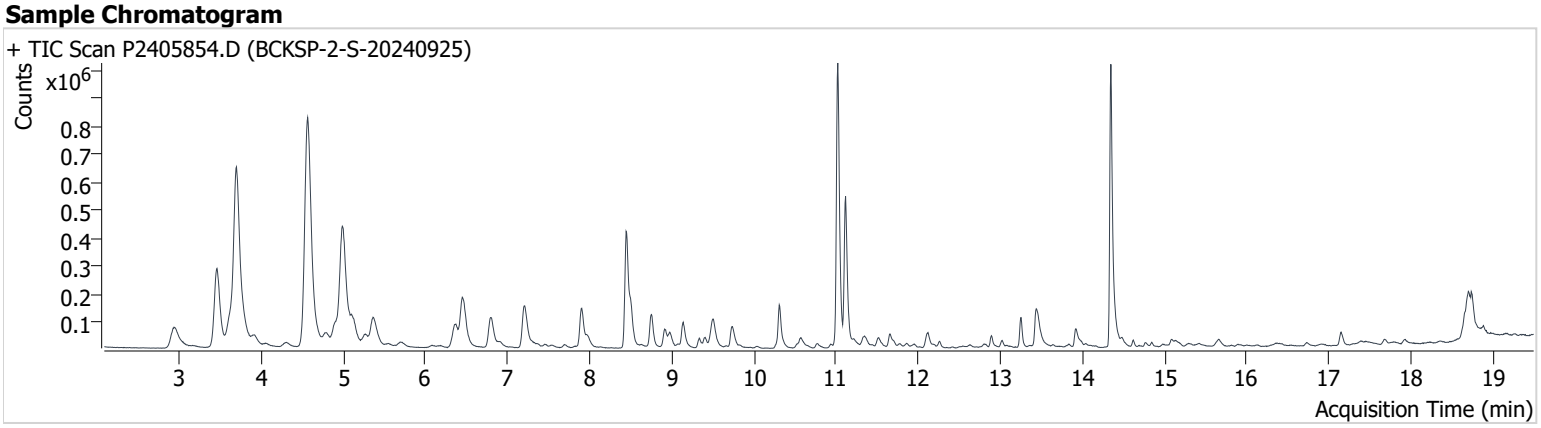
o-Xylene


+ EIC (91.1) Scan P2405853.D
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.916 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.882-14.134 min, 42 scans) P2405853.D
Counts
x10^3
Lib Match Score=67.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

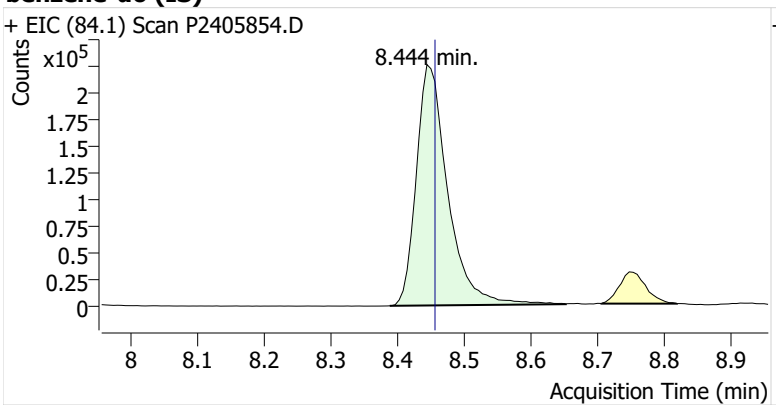
Name	BCKSP-2-S-20240925
Comment	C27848
Data File	P2405854.D
Acq. Date-Time	10/11/2024 7:59:01 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

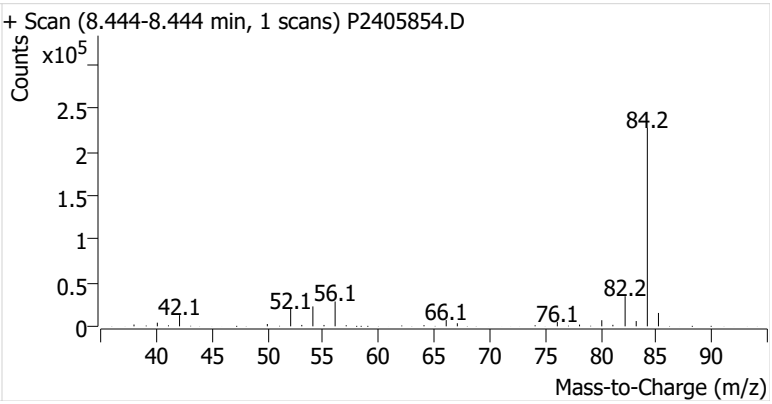
Sample Chromatogram



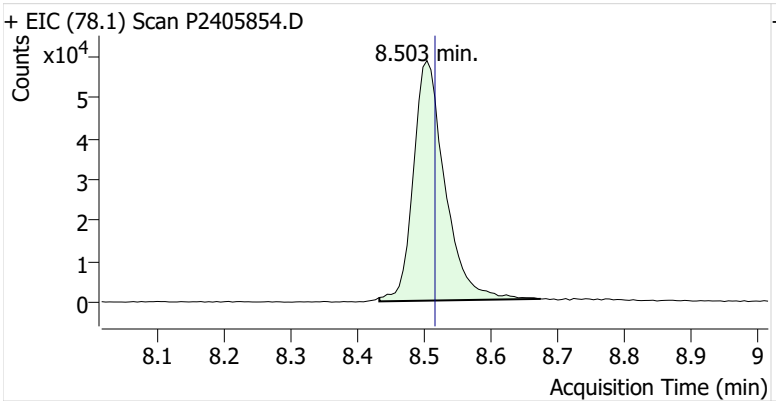
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.444	8.456	739,032	
Benzene	benzene-d6 (IS)	8.503	8.515	192,919	
Toluene-d8 (IS)		11.020	11.032	1,073,627	
Toluene	Toluene-d8 (IS)	11.115	11.121	572,173	
Ethylbenzene	Toluene-d8 (IS)	13.251	13.252	111,525	
m-/p-Xylene	Toluene-d8 (IS)	13.435	13.459	217,706	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	86,908	

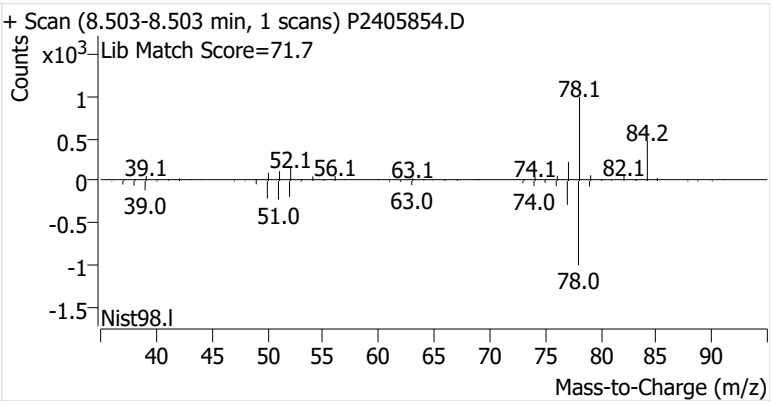
benzene-d6 (IS)



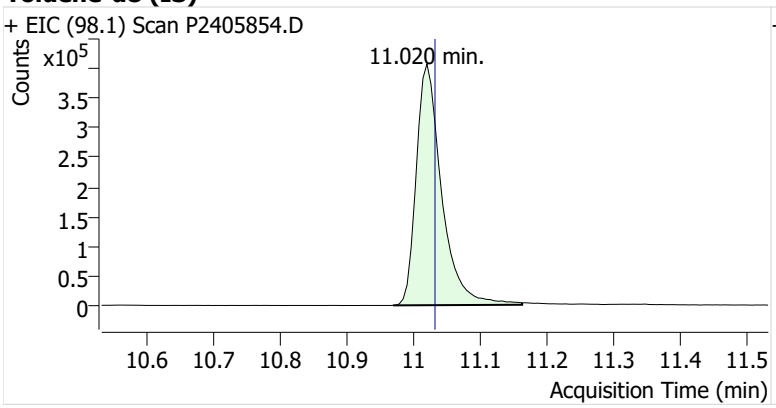


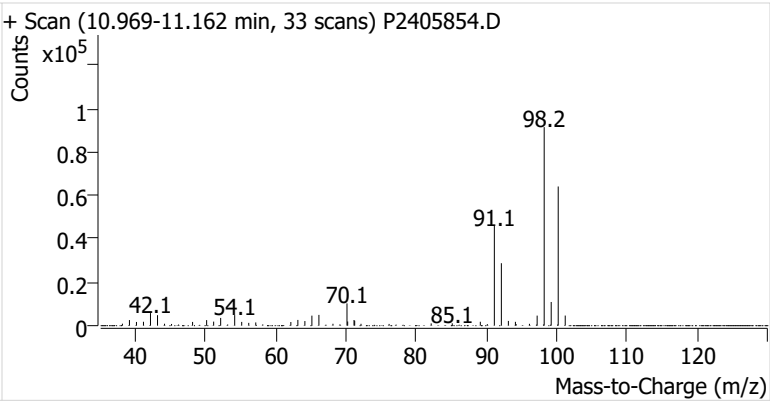
Benzene



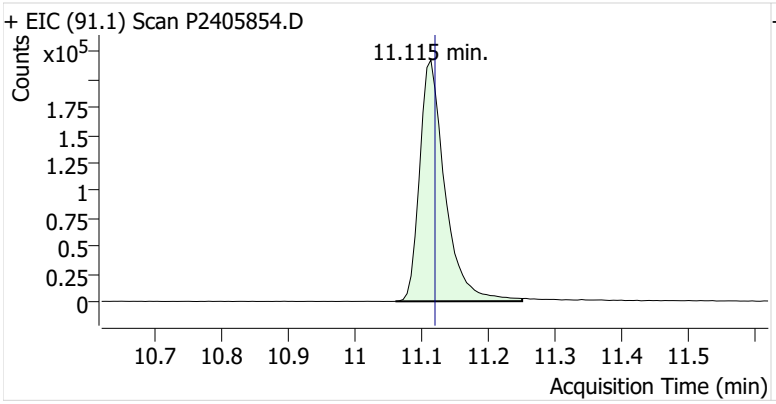


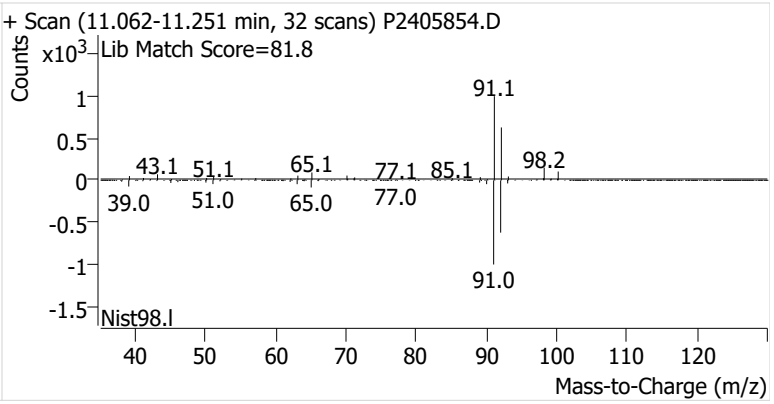
Toluene-d8 (IS)



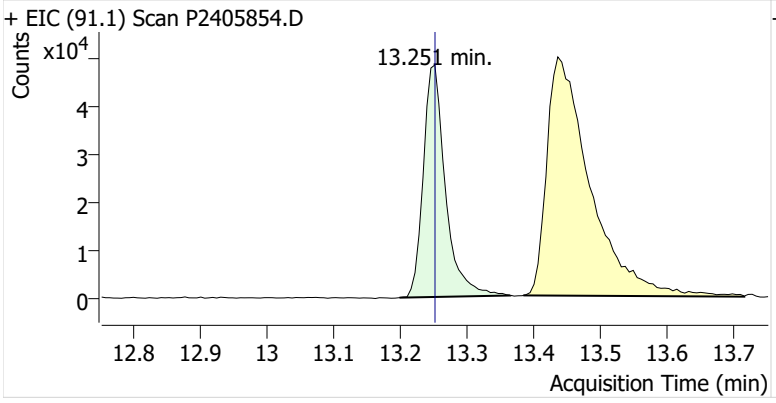


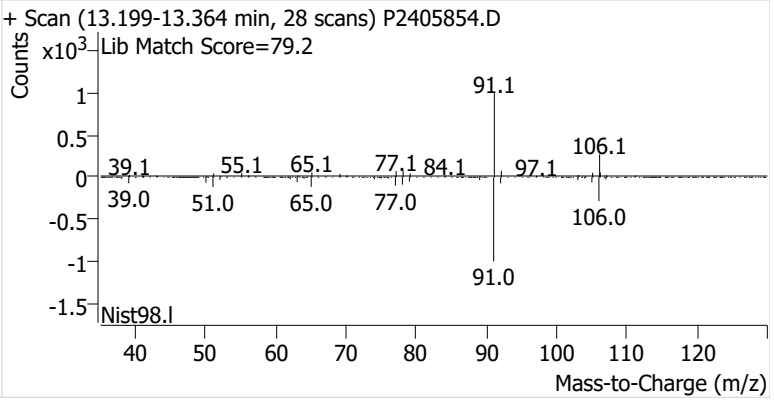
Toluene



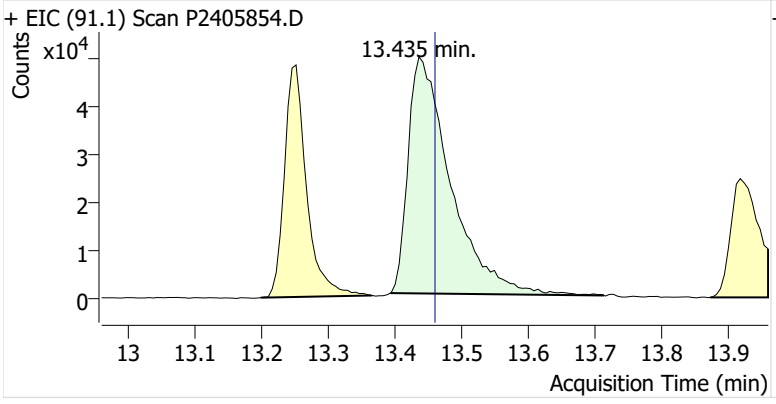


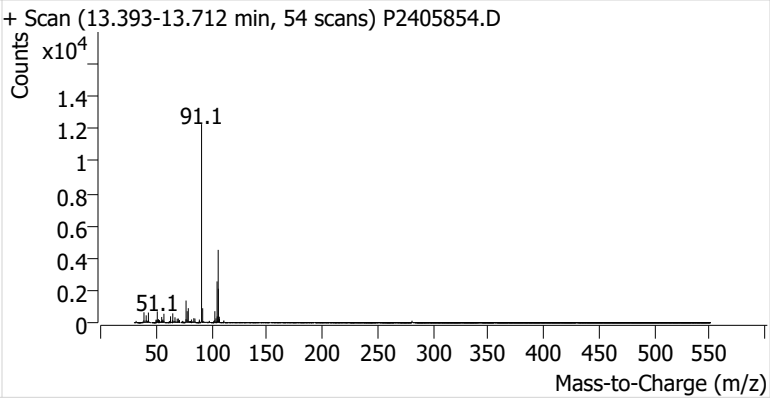
Ethylbenzene



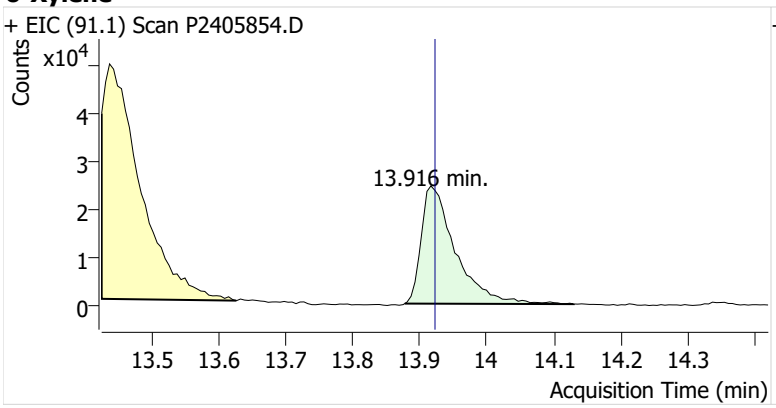


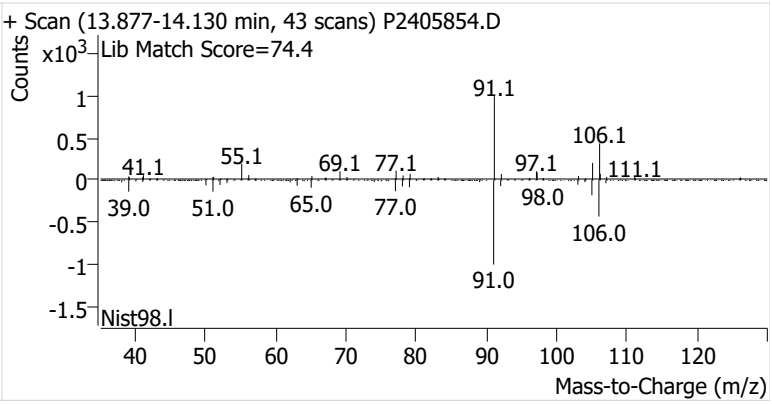
m-/p-Xylene





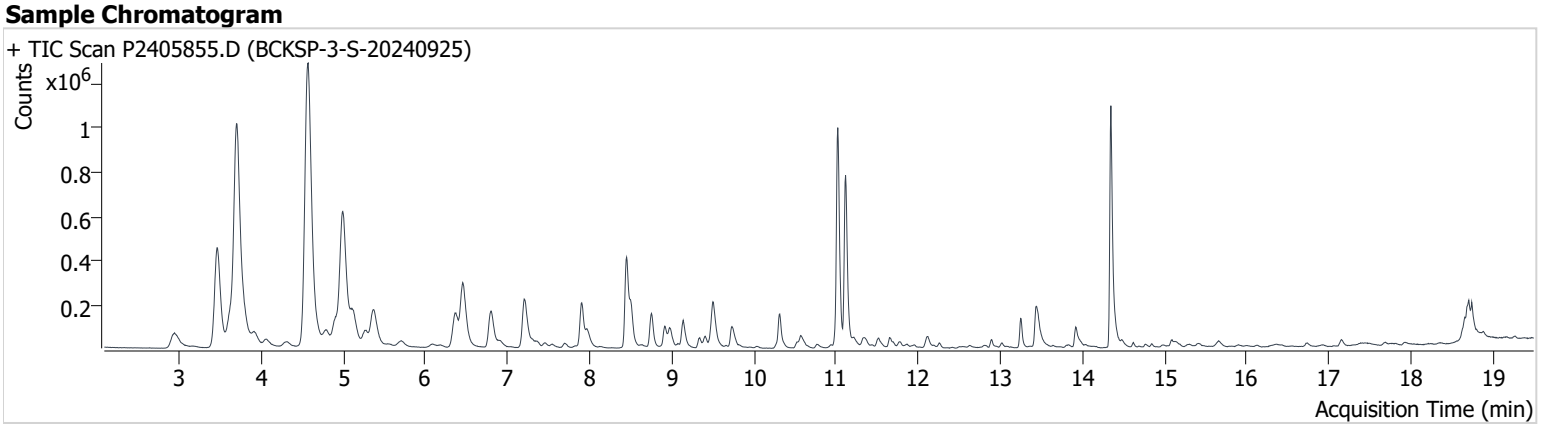
o-Xylene


+ EIC (91.1) Scan P2405854.D
Counts
x10^4
4
3
2
1
0
13.916 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.877-14.130 min, 43 scans) P2405854.D
Lib Match Score=74.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

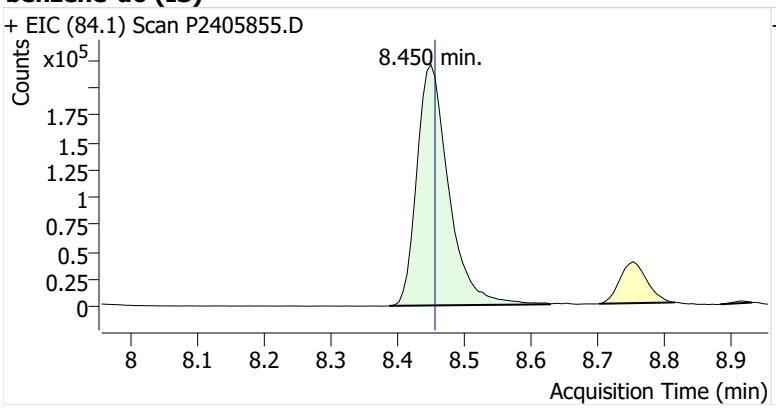
Name	BCKSP-3-S-20240925
Comment	B38606
Data File	P2405855.D
Acq. Date-Time	10/11/2024 8:36:18 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

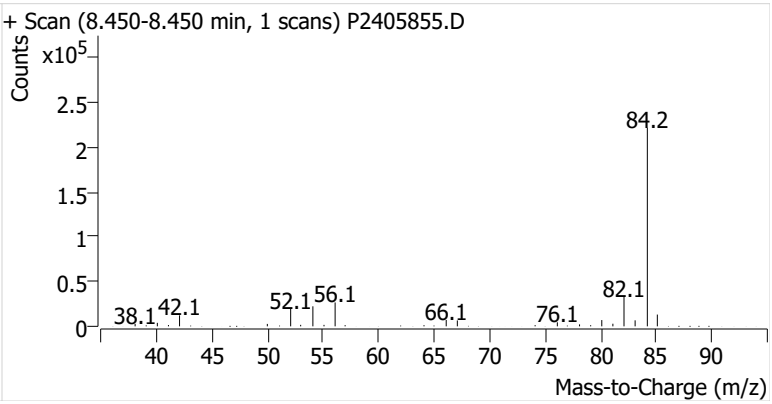
Sample Chromatogram



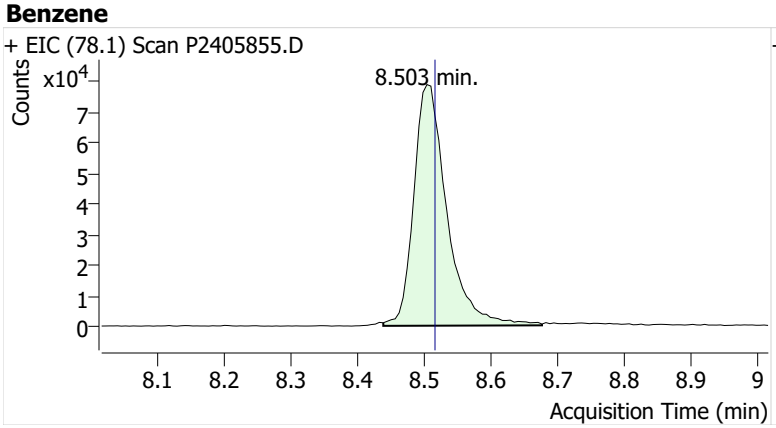
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	730,841	
Benzene	benzene-d6 (IS)	8.503	8.515	270,748	
Toluene-d8 (IS)		11.020	11.032	1,022,629	
Toluene	Toluene-d8 (IS)	11.115	11.121	826,776	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.252	138,399	
m-/p-Xylene	Toluene-d8 (IS)	13.435	13.459	297,213	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	120,159	

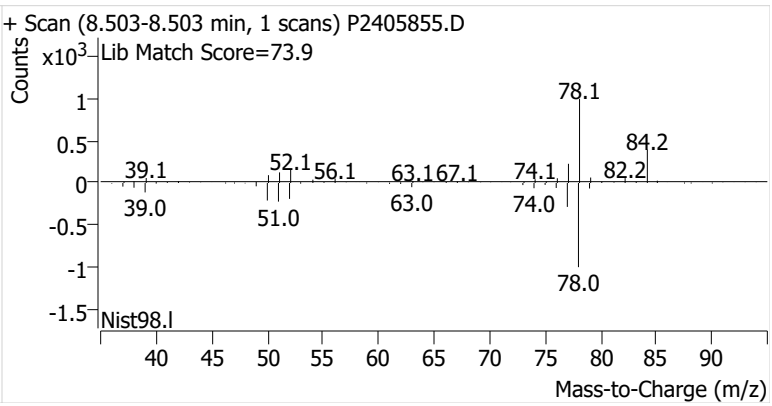
benzene-d6 (IS)



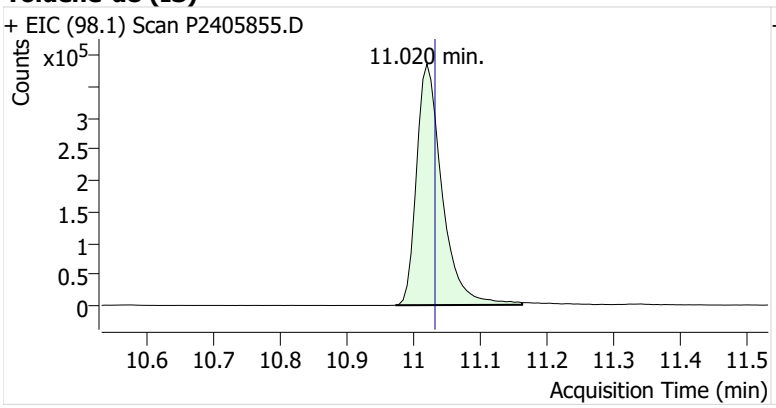


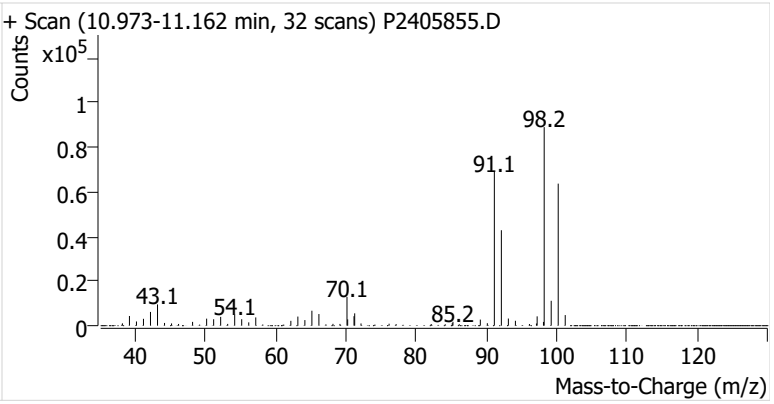
Benzene



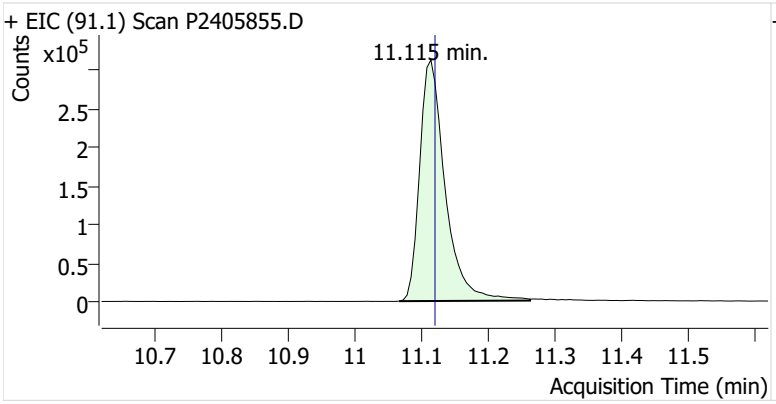


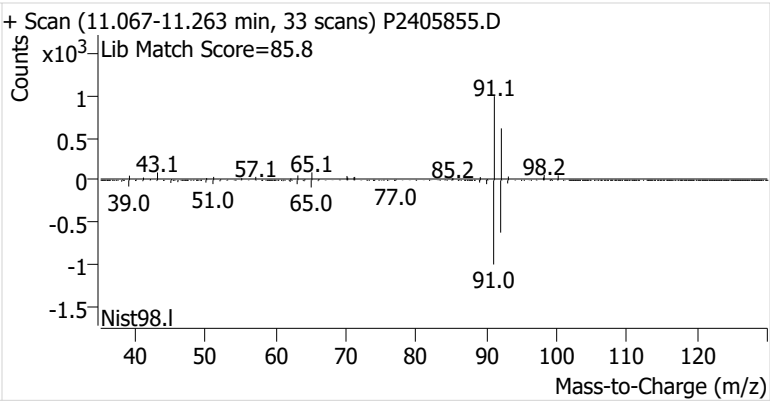
Toluene-d8 (IS)



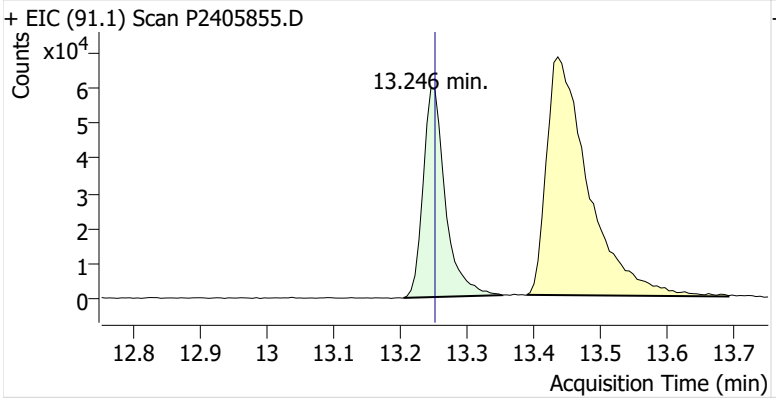


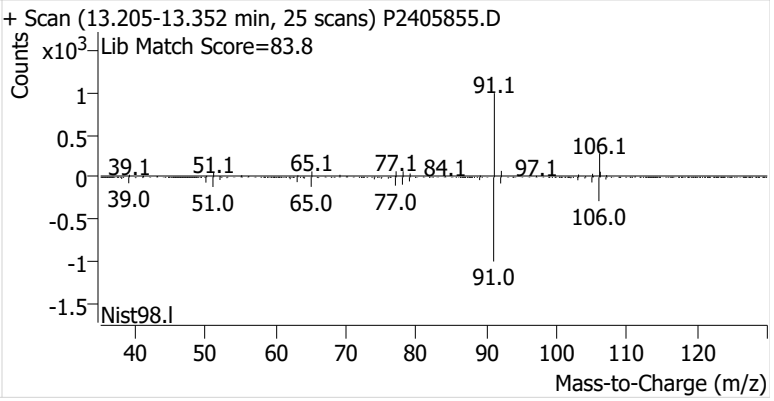
Toluene



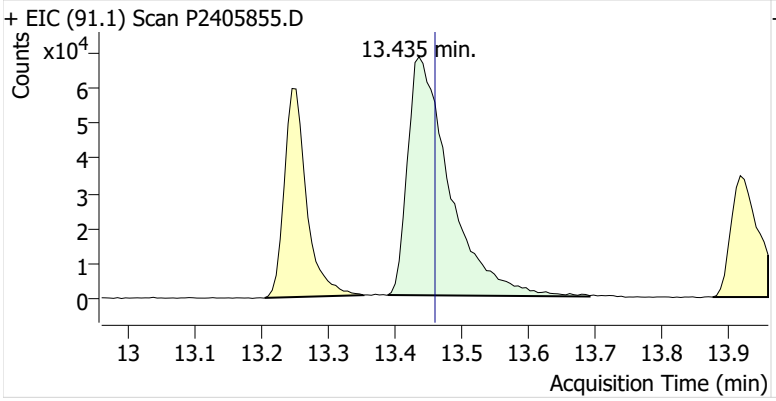


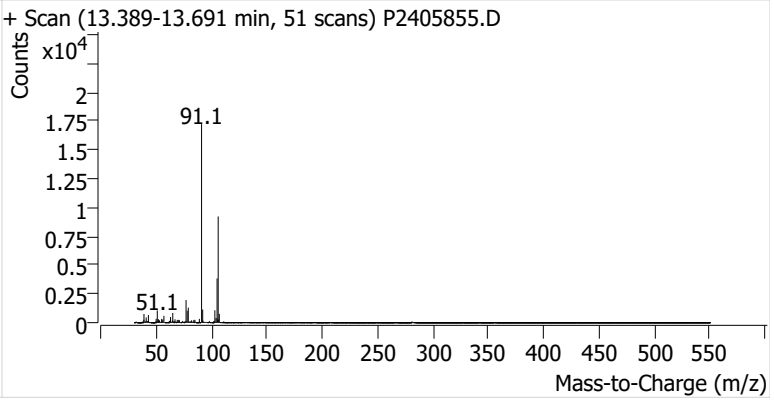
Ethylbenzene



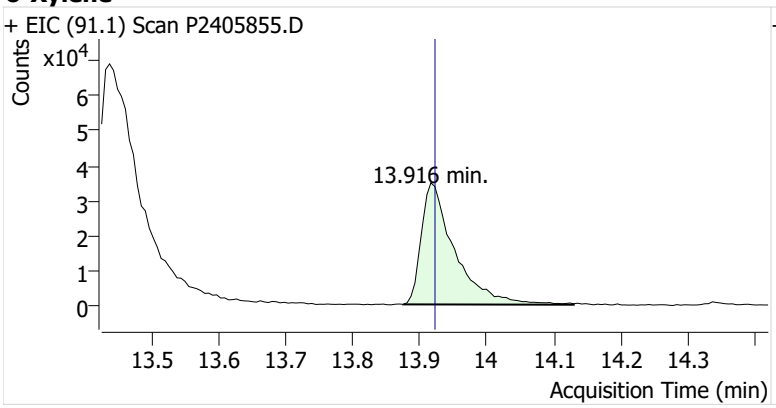


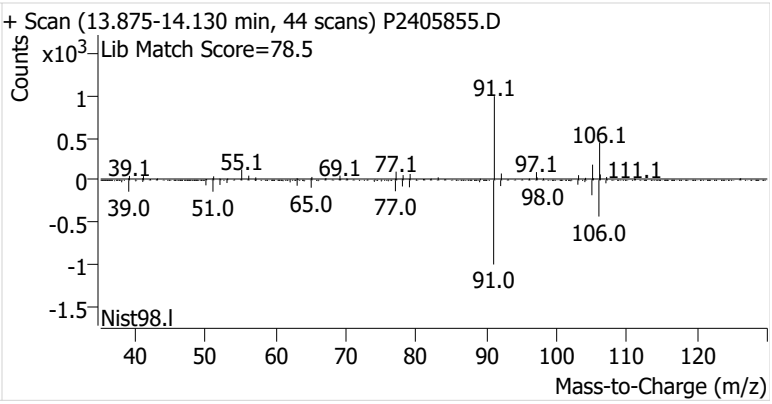
m-/p-Xylene





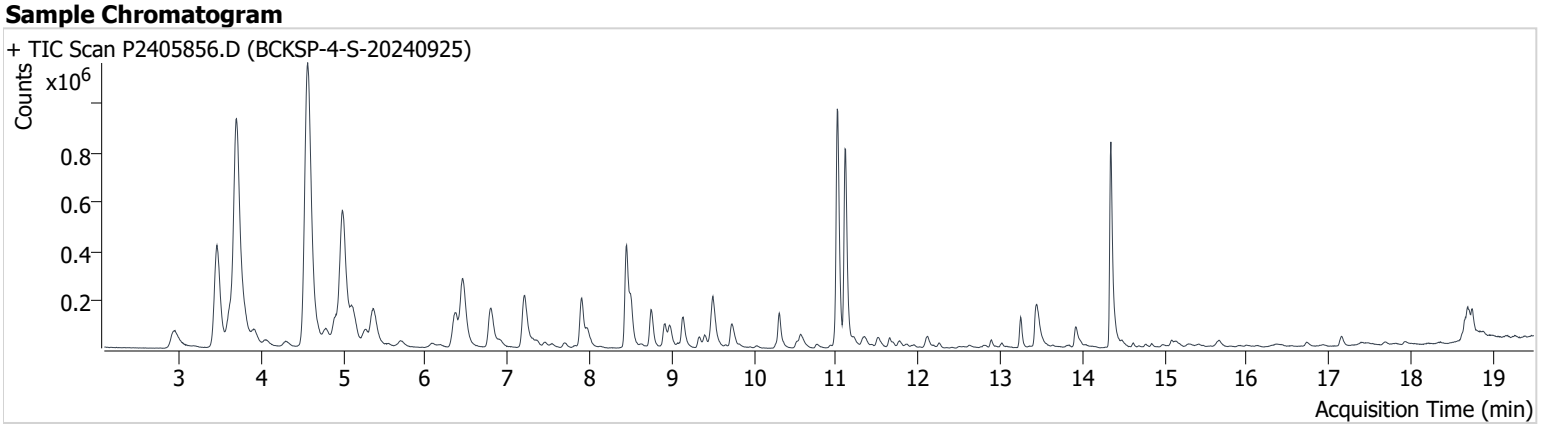
o-Xylene


+ EIC (91.1) Scan P2405855.D
Counts
x10^4
6
5
4
3
2
1
0
13.916 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.875-14.130 min, 44 scans) P2405855.D
Counts
x10^3
Lib Match Score=78.5
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

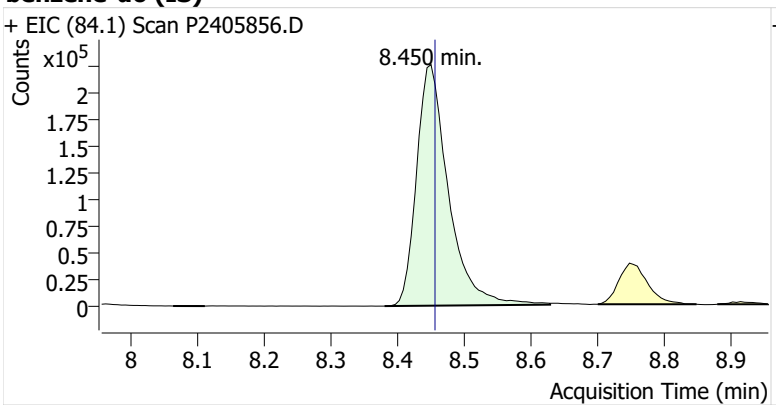
Name	BCKSP-4-S-20240925
Comment	B35917
Data File	P2405856.D
Acq. Date-Time	10/11/2024 9:13:36 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

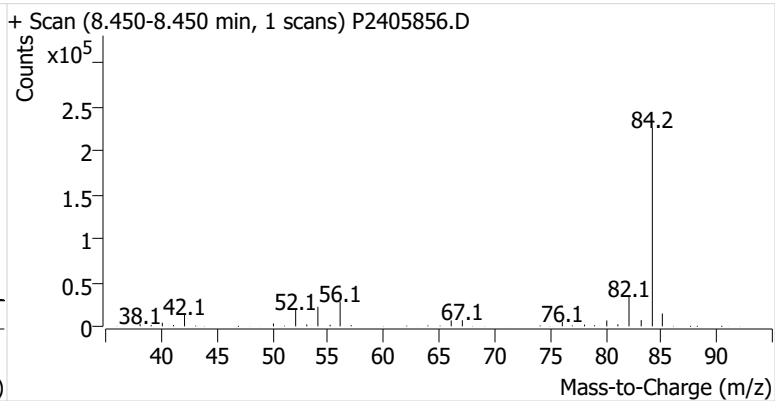
Sample Chromatogram



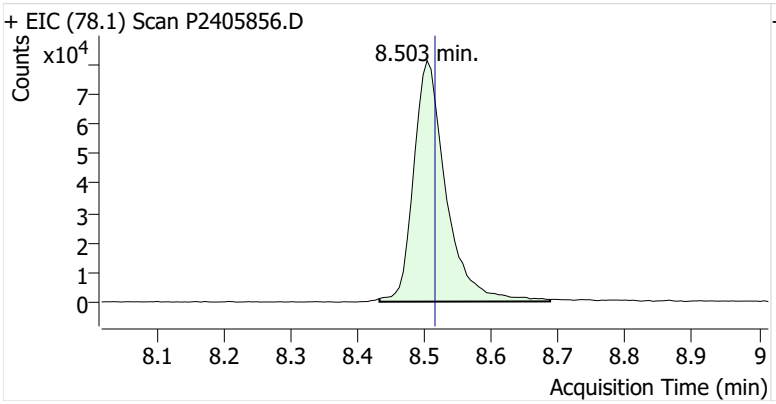
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	746,956	
Benzene	benzene-d6 (IS)	8.503	8.515	272,000	
Toluene-d8 (IS)		11.014	11.032	1,023,021	
Toluene	Toluene-d8 (IS)	11.109	11.121	869,266	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.252	130,412	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	278,821	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	115,673	

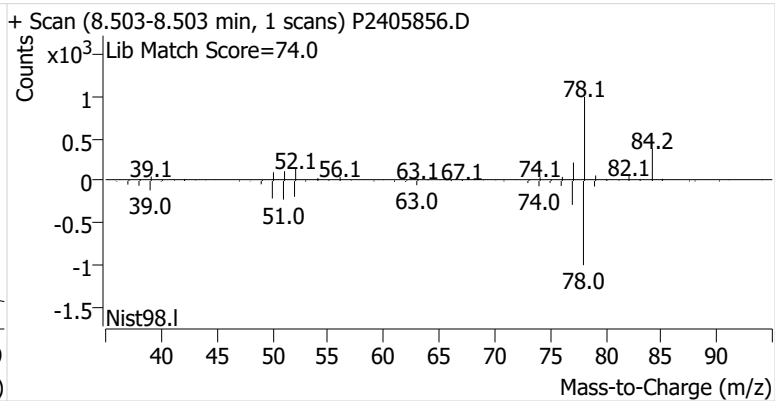
benzene-d6 (IS)



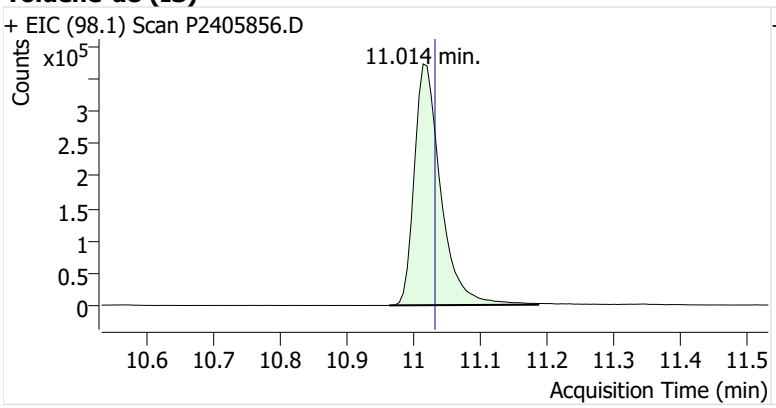


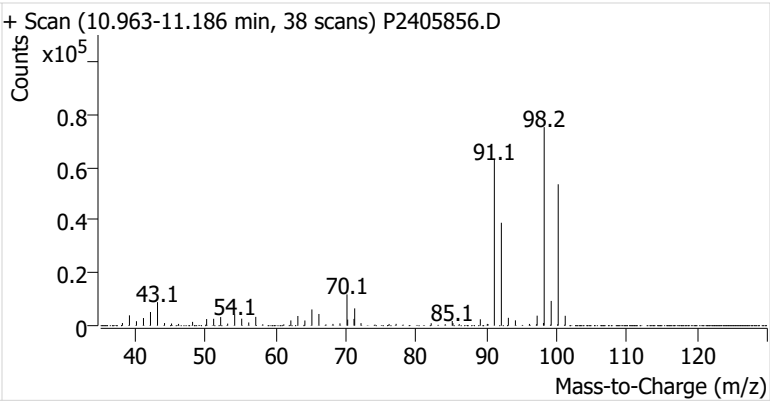
Benzene



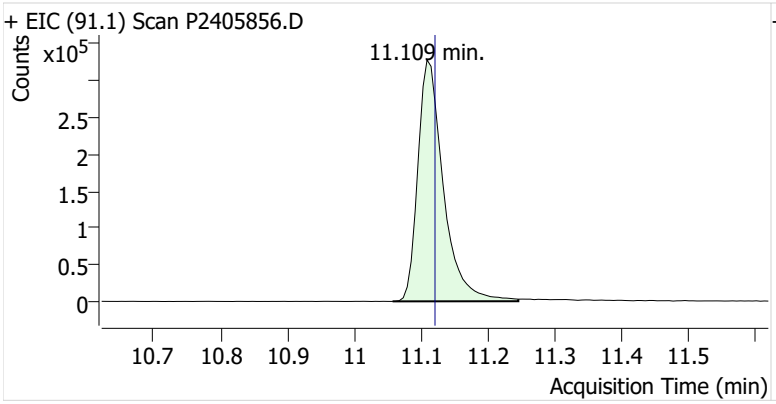


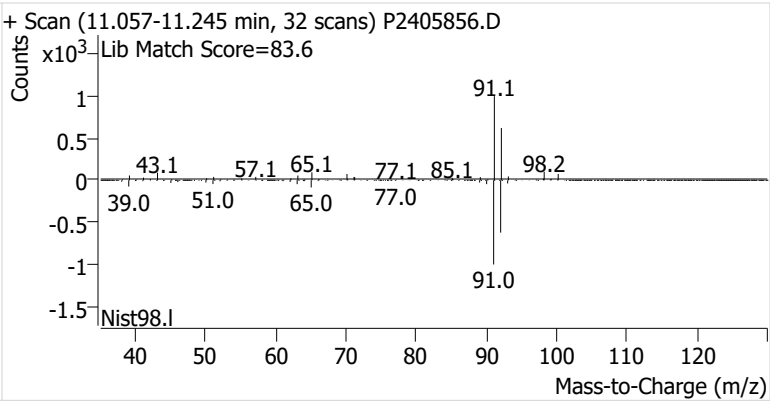
Toluene-d8 (IS)



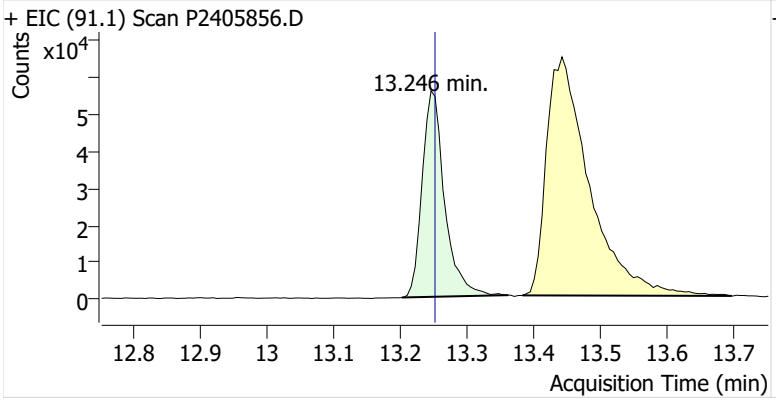


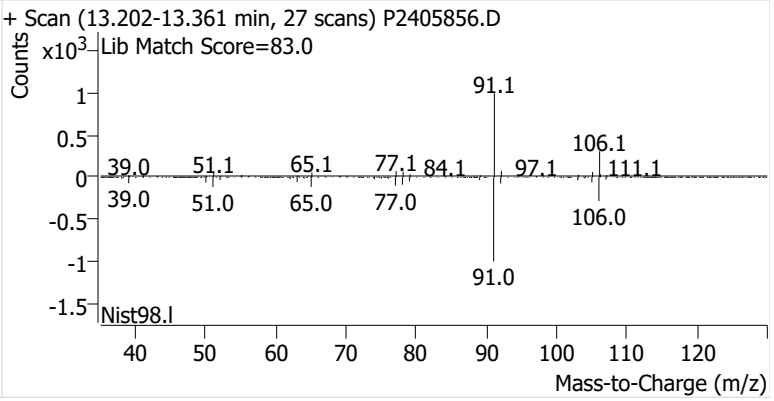
Toluene



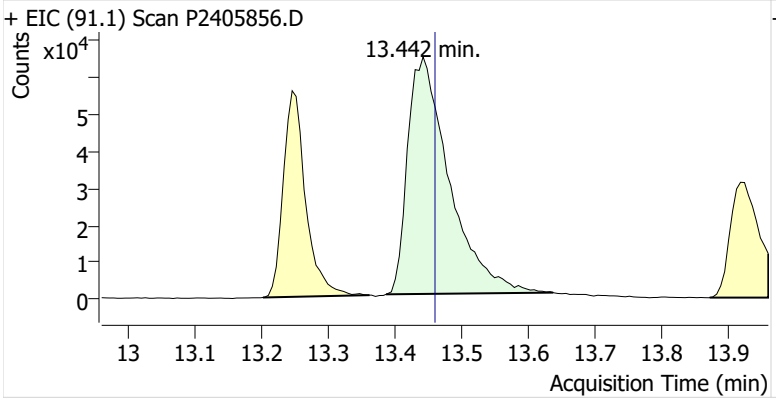


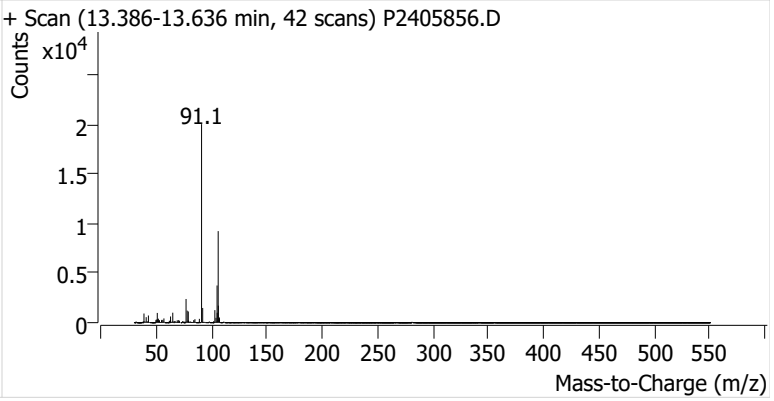
Ethylbenzene



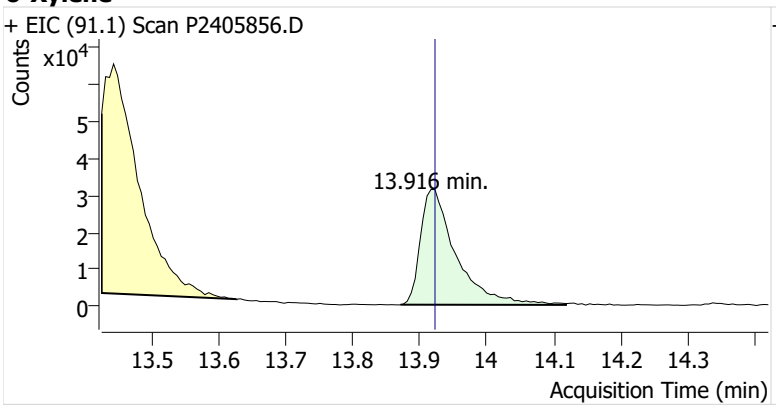


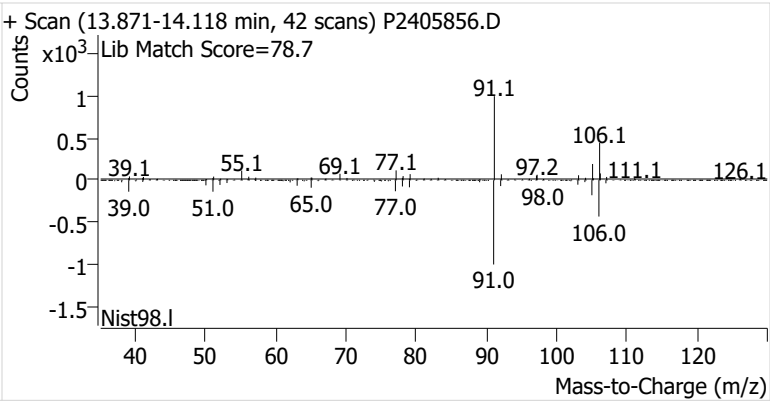
m-/p-Xylene





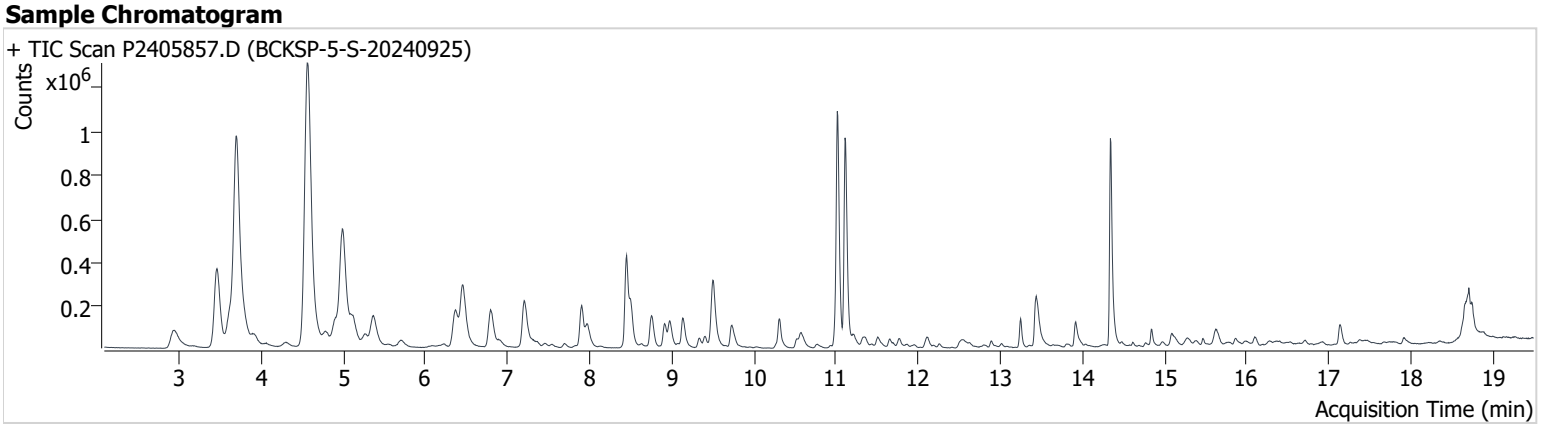
o-Xylene


+ EIC (91.1) Scan P2405856.D
Counts
x10^4
13.916 min.
Acquisition Time (min)


+ Scan (13.871-14.118 min, 42 scans) P2405856.D
Counts
x10^3
Lib Match Score=78.7
91.1
106.1
39.1
55.1
69.1
77.1
97.2
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

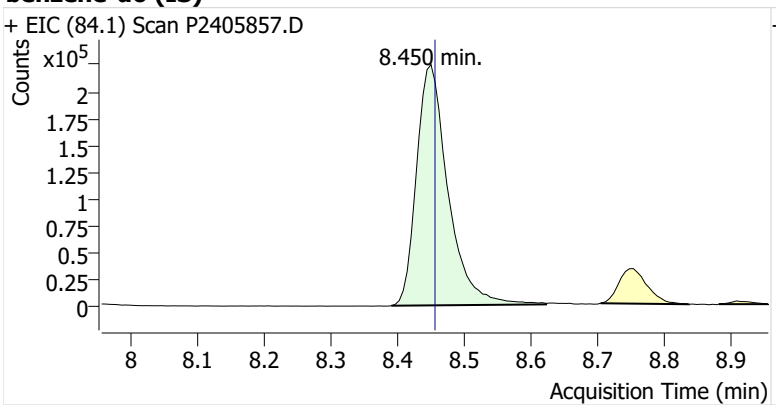
Name	BCKSP-5-S-20240925
Comment	C35728
Data File	P2405857.D
Acq. Date-Time	10/11/2024 9:51:11 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

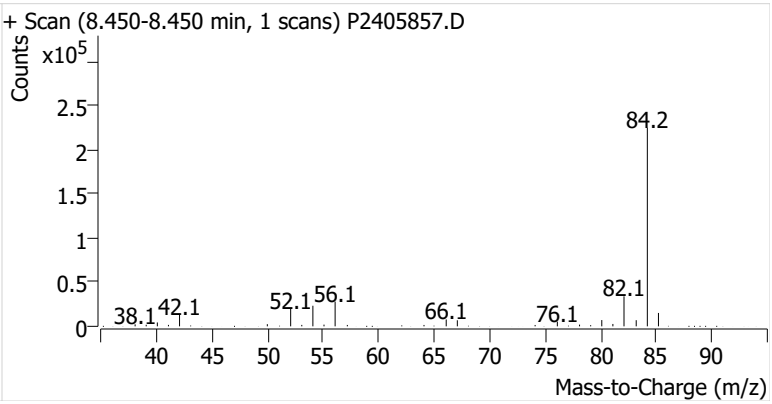
Sample Chromatogram



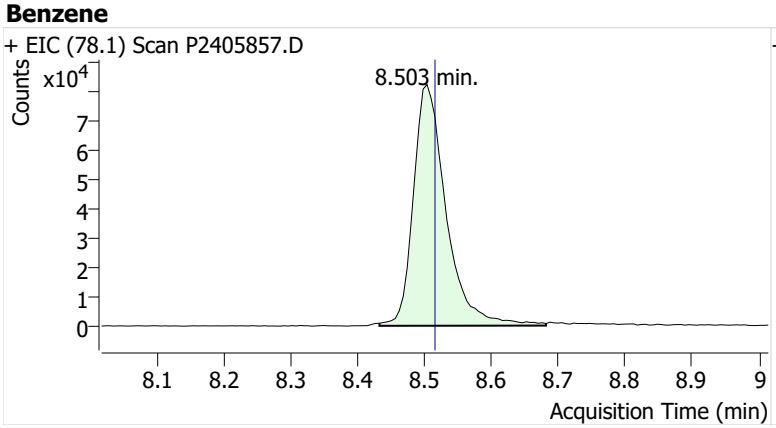
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	734,740	
Benzene	benzene-d6 (IS)	8.503	8.515	279,594	
Toluene-d8 (IS)		11.014	11.032	1,086,409	
Toluene	Toluene-d8 (IS)	11.109	11.121	975,449	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.252	135,119	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	358,301	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	136,138	

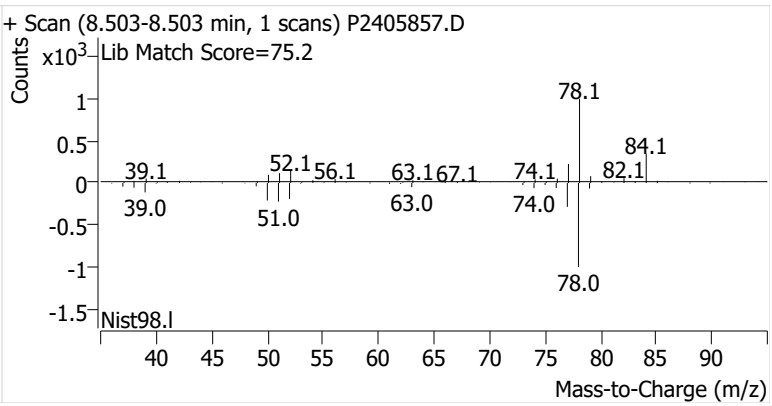
benzene-d6 (IS)



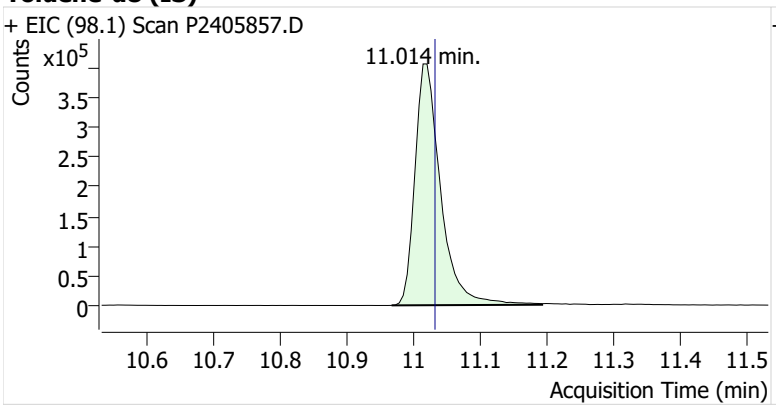


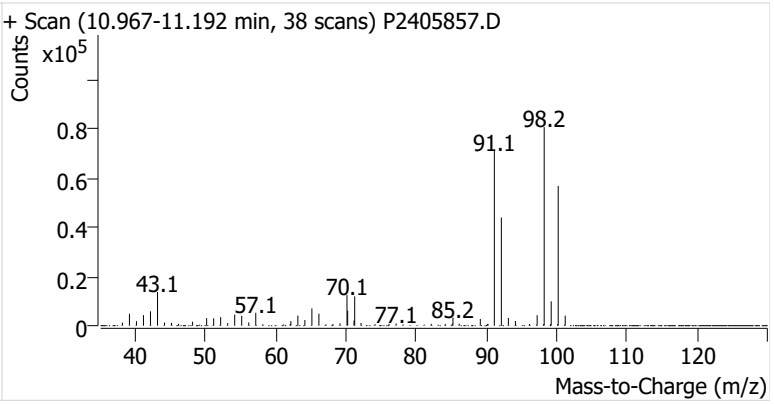
Benzene



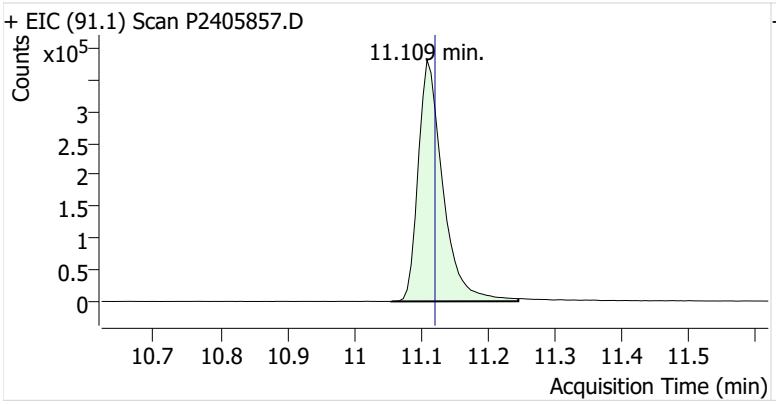


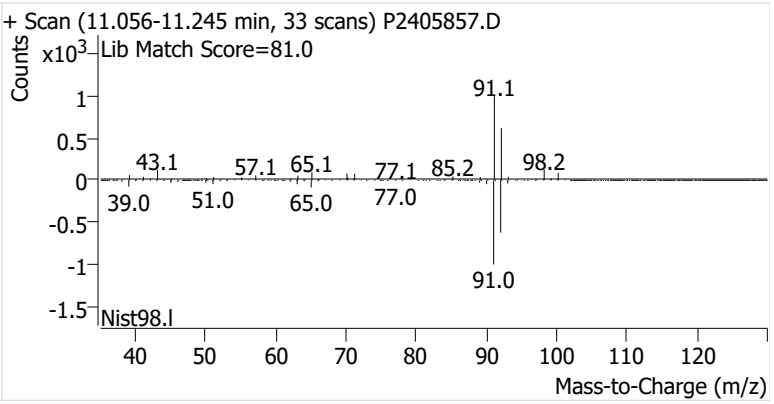
Toluene-d8 (IS)



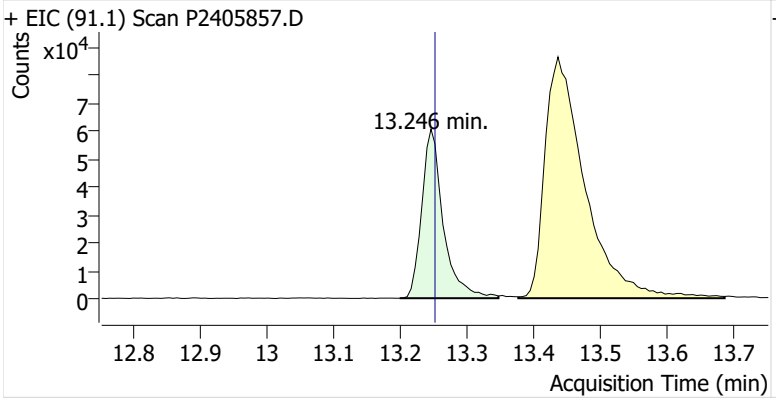


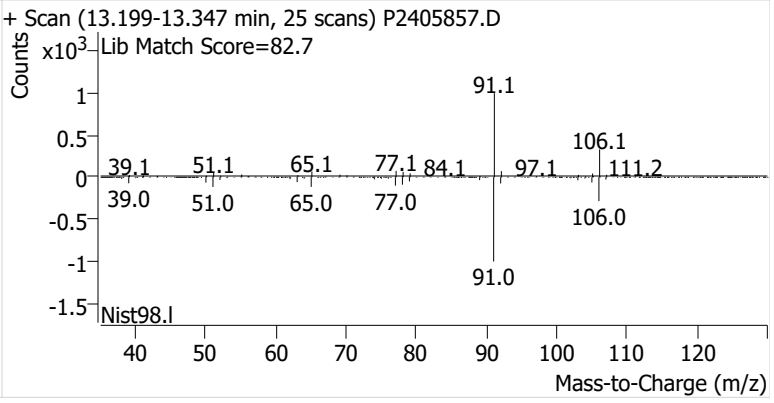
Toluene



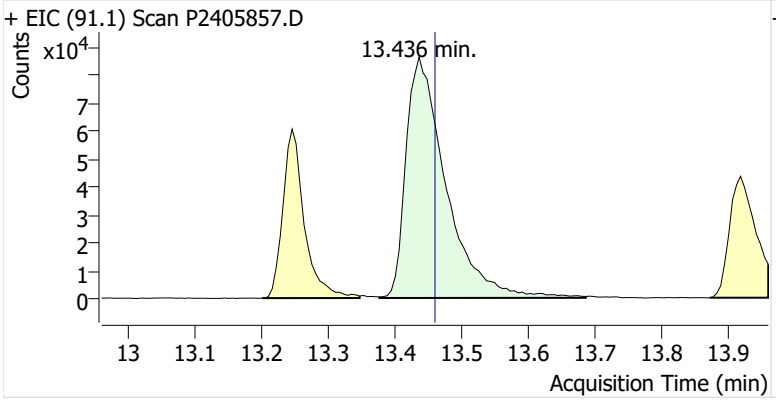


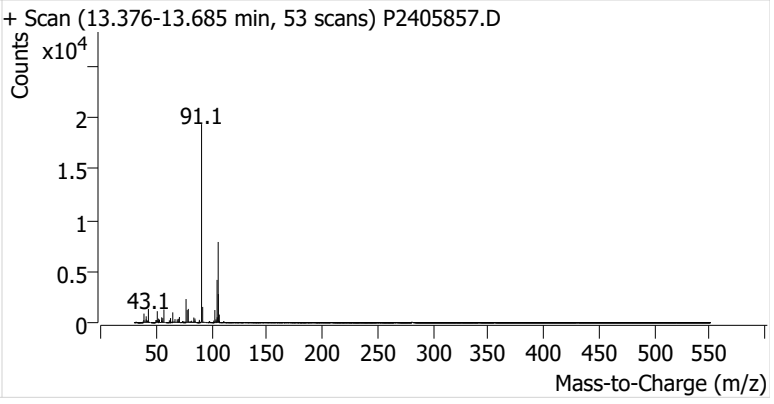
Ethylbenzene



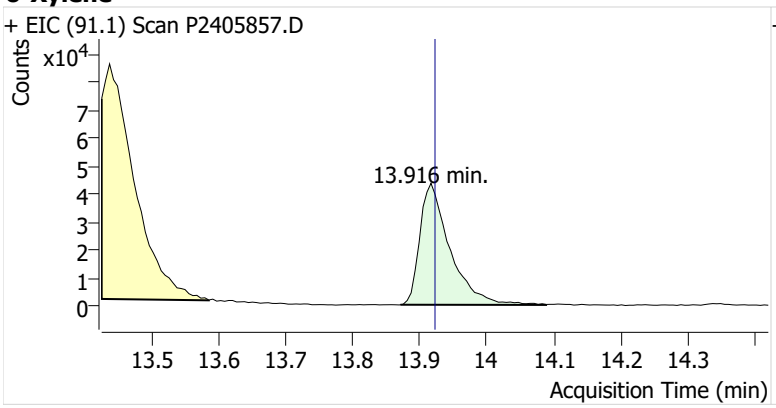


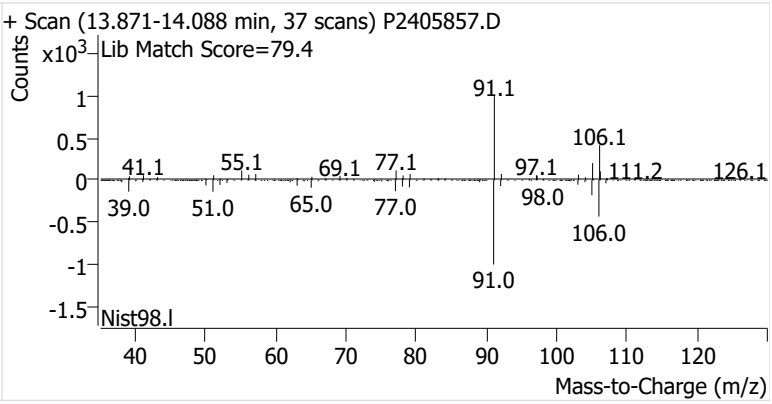
m-/p-Xylene





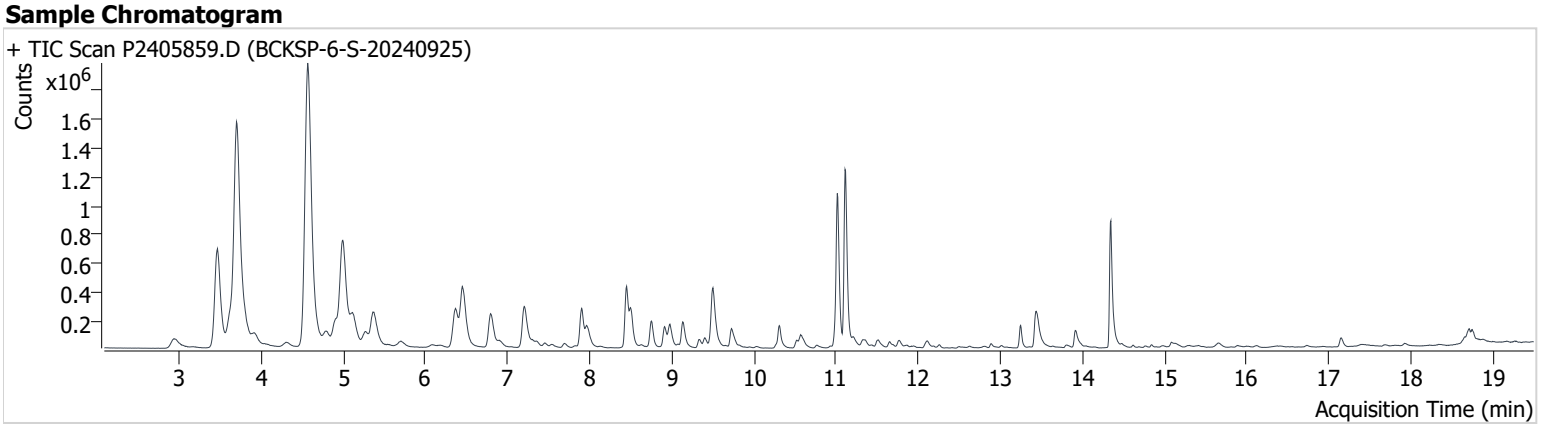
o-Xylene


+ EIC (91.1) Scan P2405857.D
Counts
x10^4
13.916 min.
Acquisition Time (min)


+ Scan (13.871-14.088 min, 37 scans) P2405857.D
Lib Match Score=79.4
Counts
x10^3
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.2
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

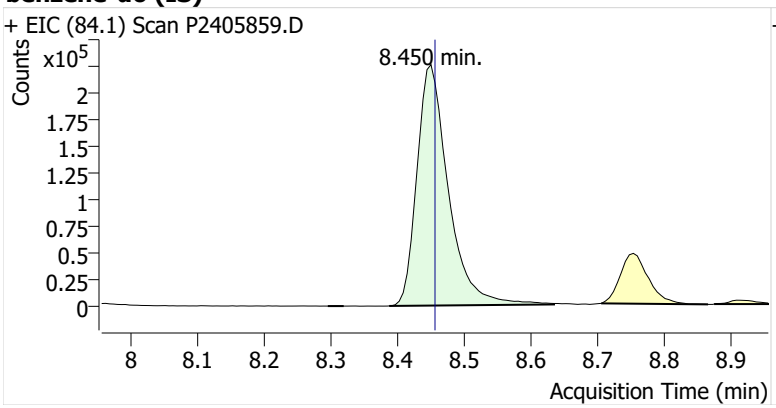
Name	BCKSP-6-S-20240925
Comment	B43587
Data File	P2405859.D
Acq. Date-Time	10/11/2024 11:05:45 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

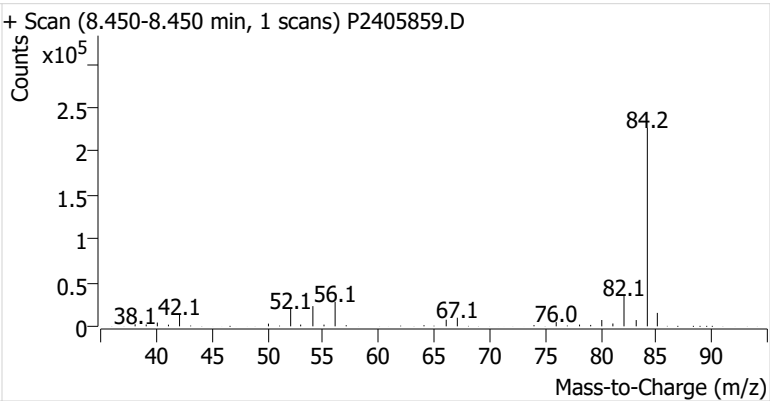
Sample Chromatogram



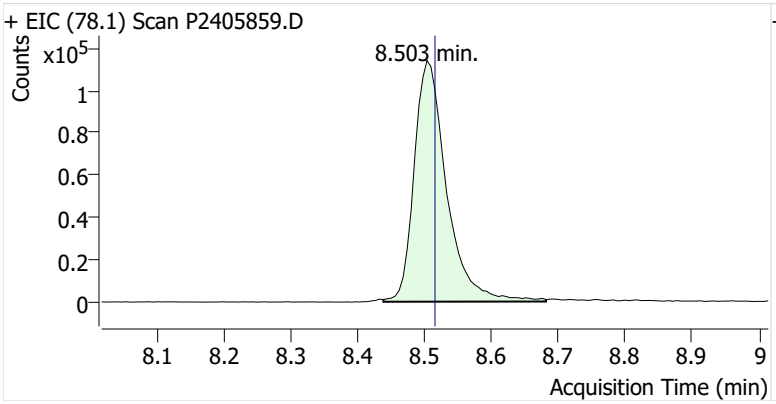
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	738,710	
Benzene	benzene-d6 (IS)	8.503	8.515	383,019	
Toluene-d8 (IS)		11.014	11.032	1,055,482	
Toluene	Toluene-d8 (IS)	11.109	11.121	1,281,212	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.252	167,988	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	423,413	
o-Xylene	Toluene-d8 (IS)	13.910	13.922	161,714	

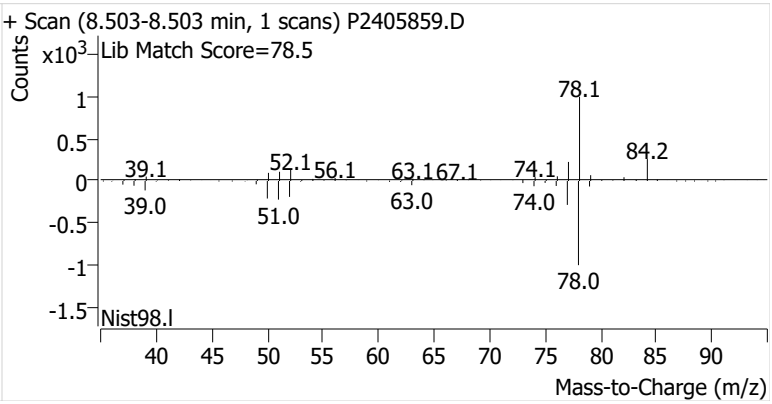
benzene-d6 (IS)



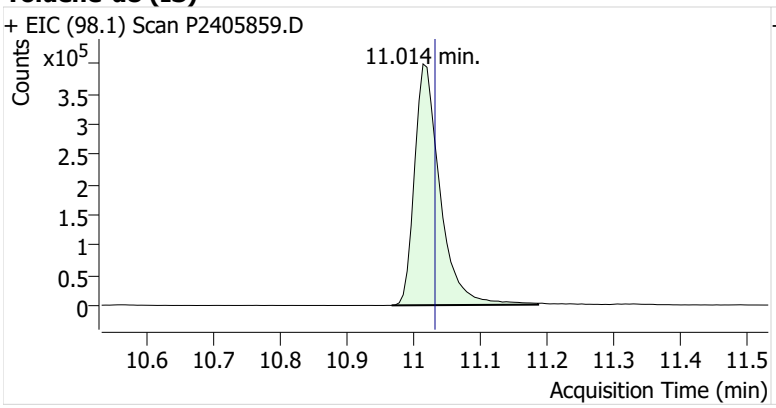


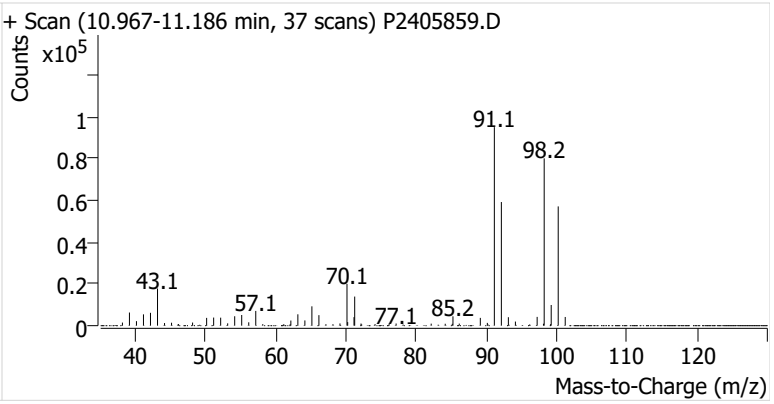
Benzene



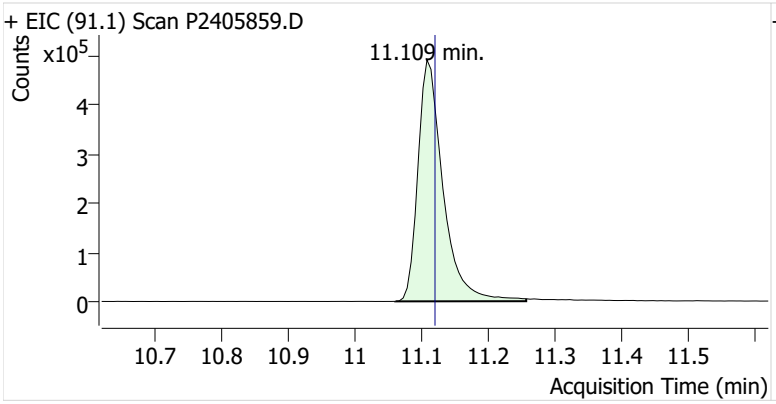


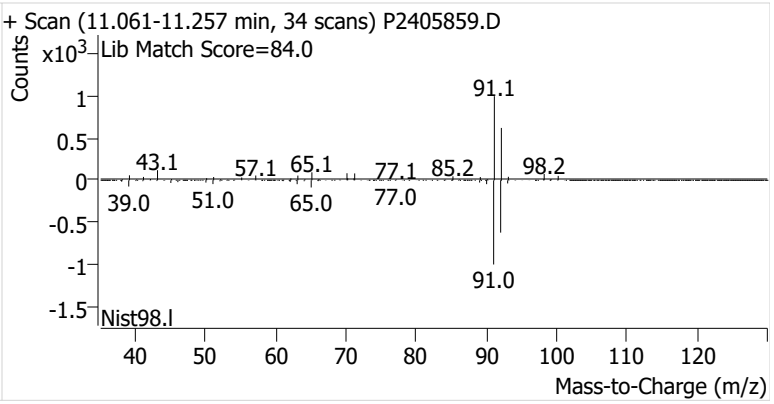
Toluene-d8 (IS)



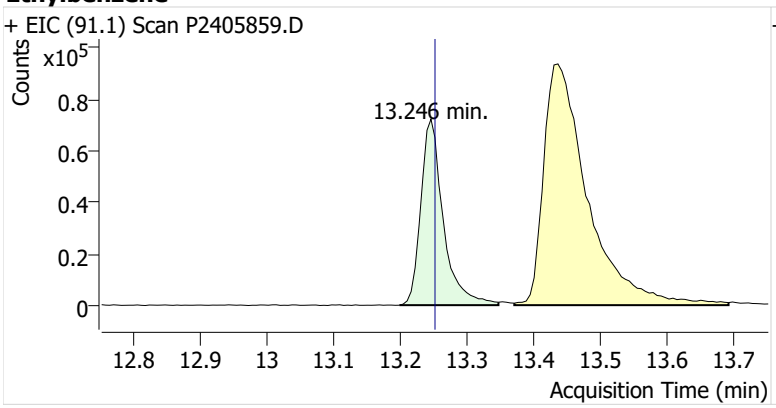


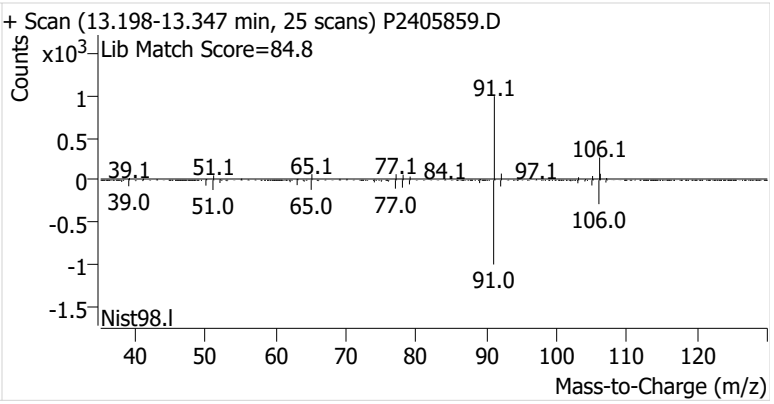
Toluene



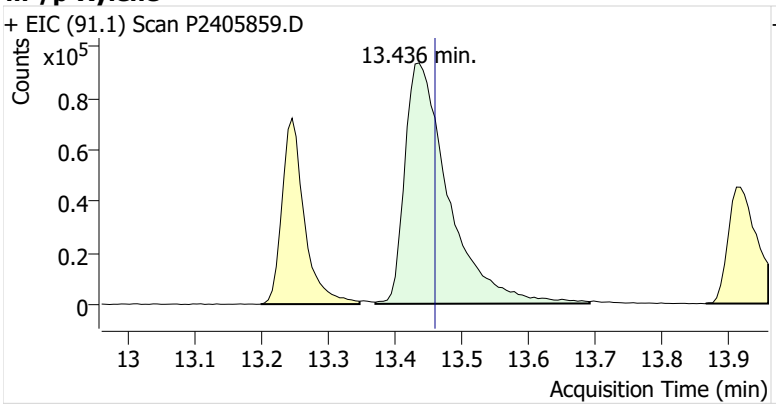


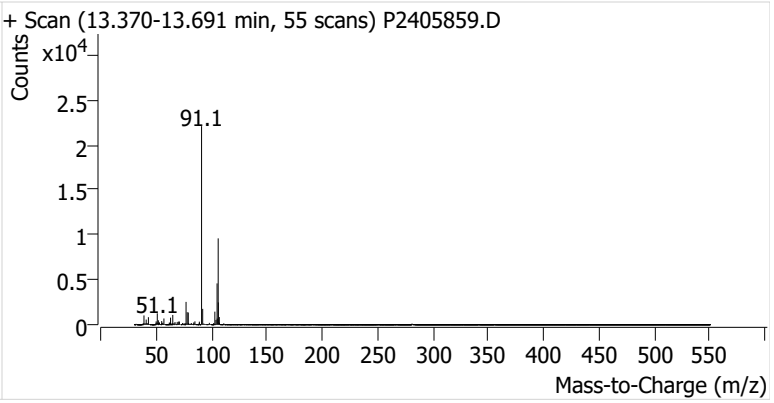
Ethylbenzene



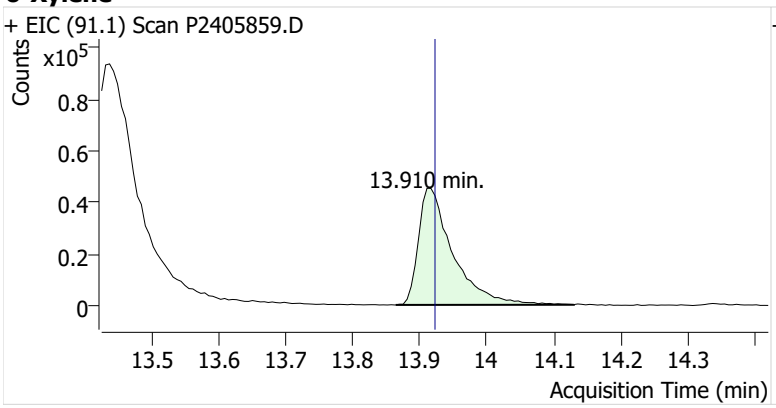


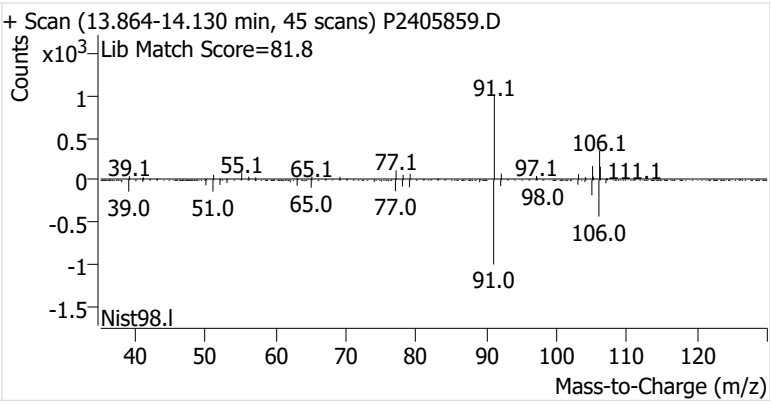
m-/p-Xylene





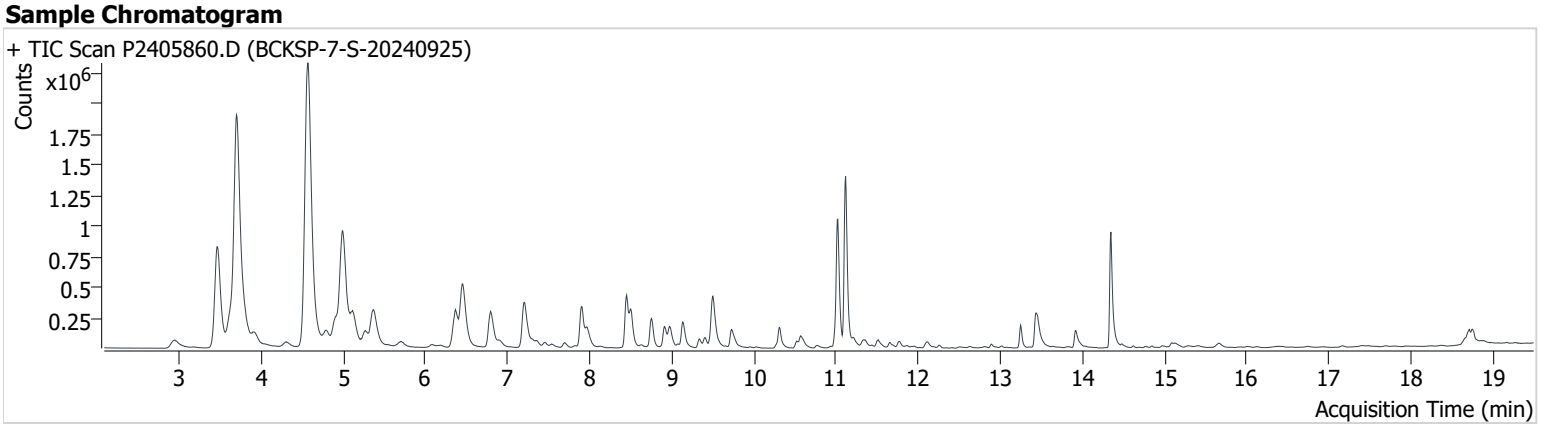
o-Xylene


+ EIC (91.1) Scan P2405859.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.910 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.864-14.130 min, 45 scans) P2405859.D
Counts
x10^3
Lib Match Score=81.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

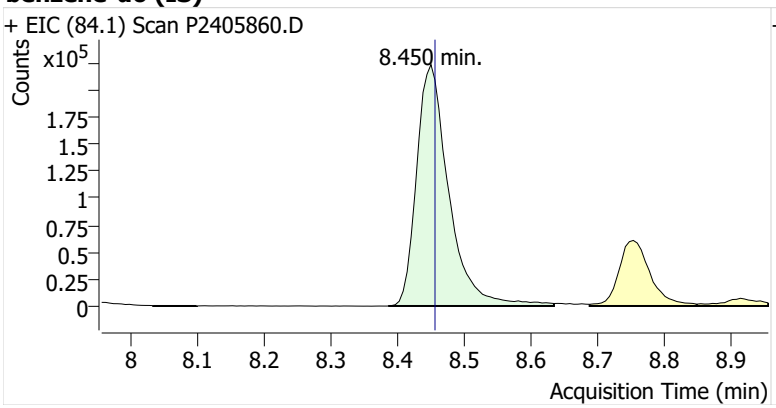
Name	BCKSP-7-S-20240925
Comment	B40302
Data File	P2405860.D
Acq. Date-Time	10/11/2024 11:43:02 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

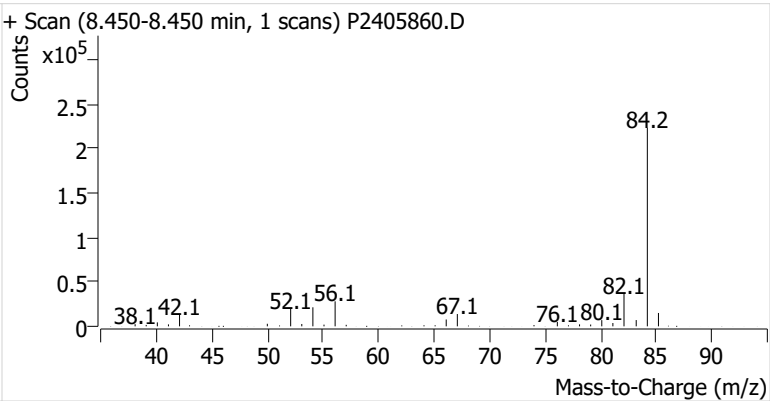
Sample Chromatogram



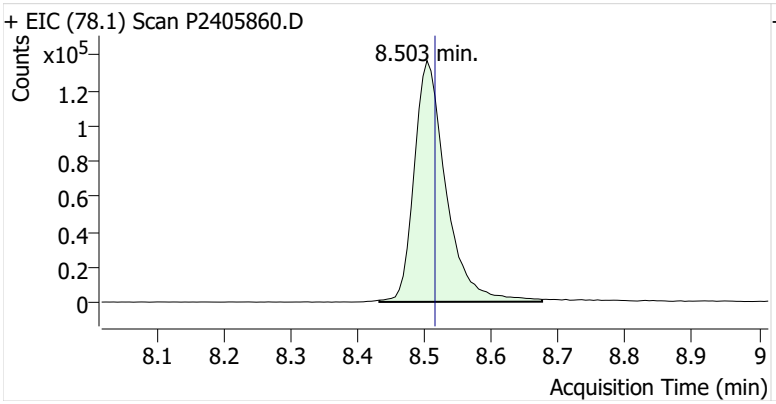
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	745,529	
Benzene	benzene-d6 (IS)	8.503	8.515	451,583	
Toluene-d8 (IS)		11.020	11.032	1,060,754	
Toluene	Toluene-d8 (IS)	11.115	11.121	1,477,490	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.252	200,272	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	470,609	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	182,488	

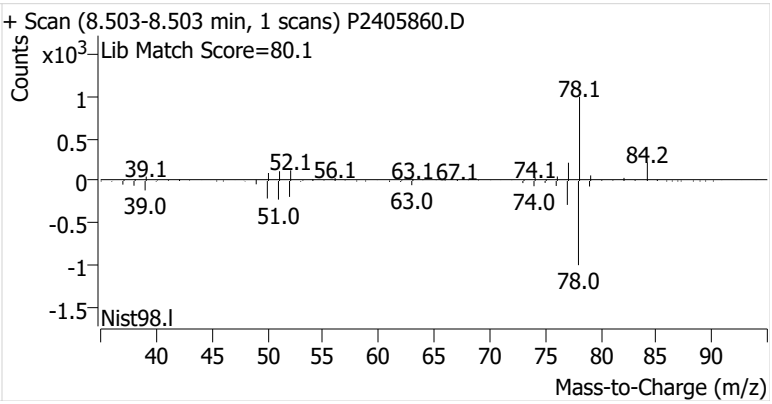
benzene-d6 (IS)



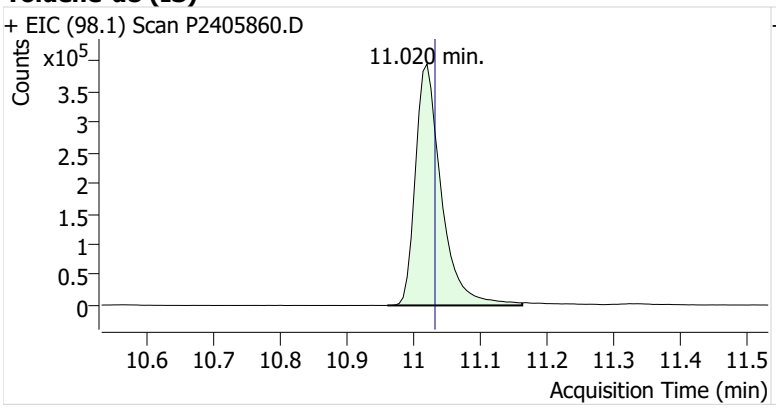


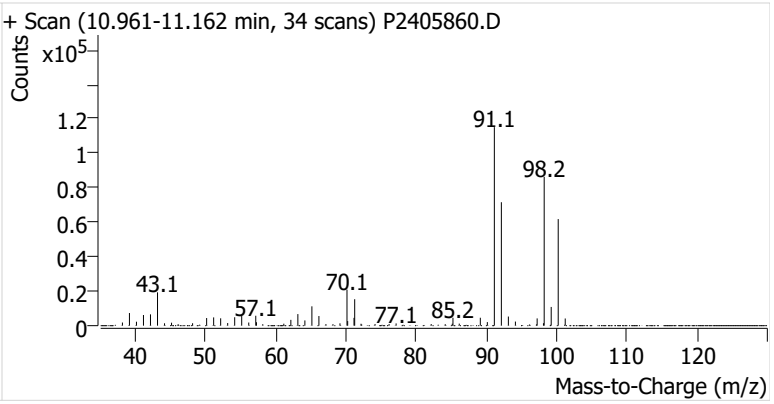
Benzene



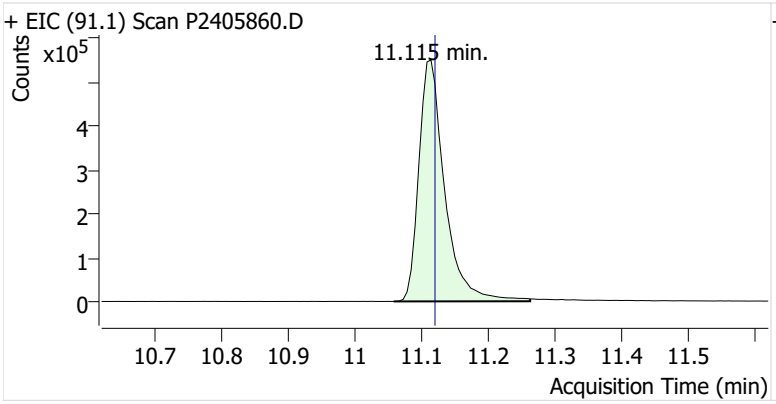


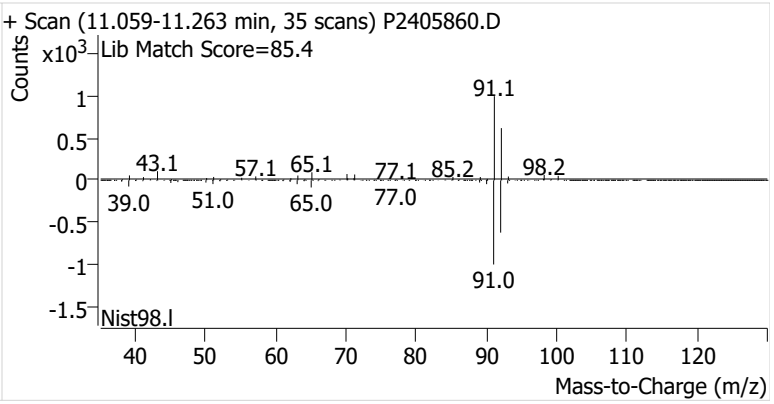
Toluene-d8 (IS)



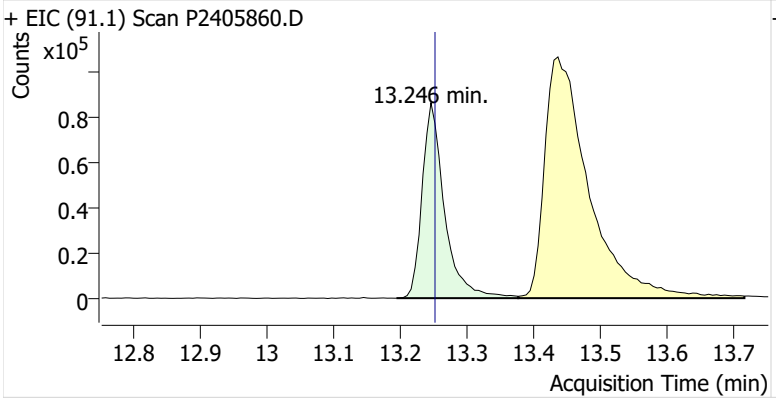


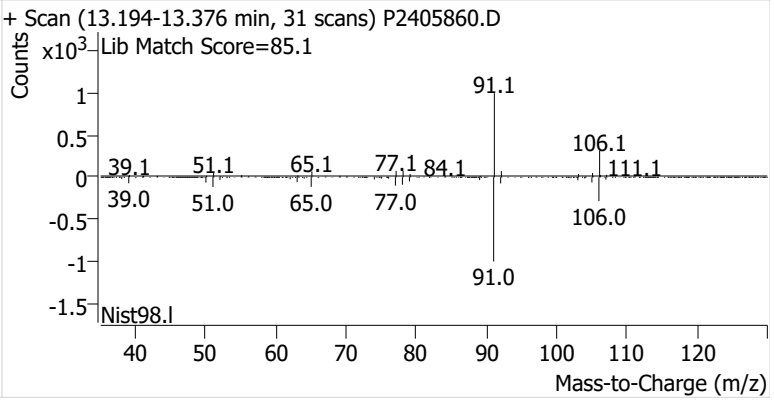
Toluene



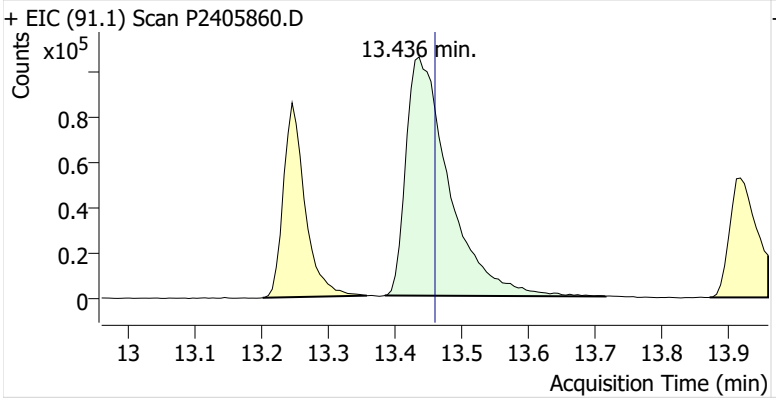


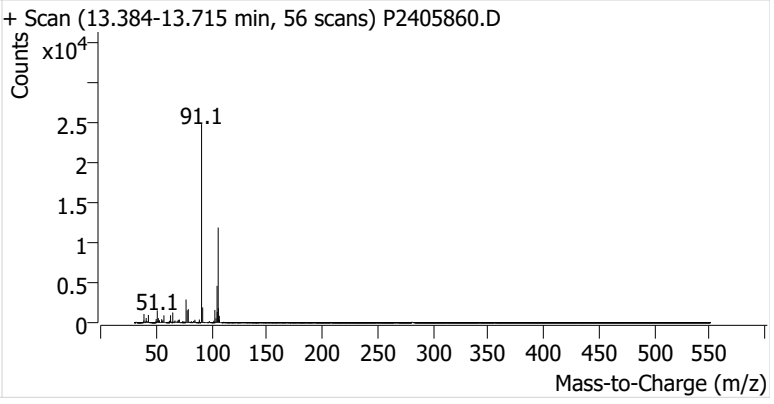
Ethylbenzene



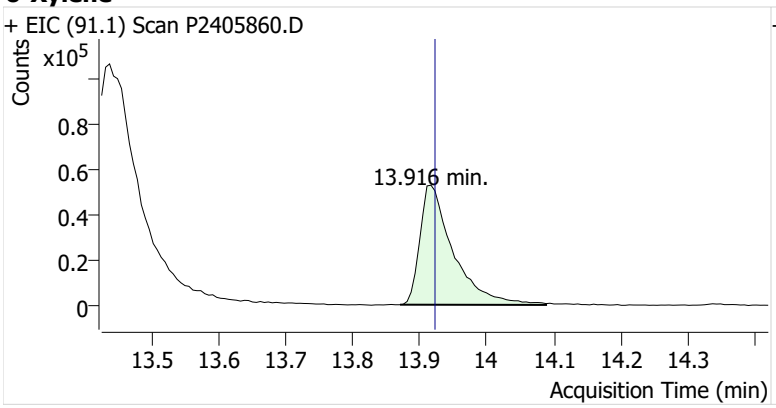


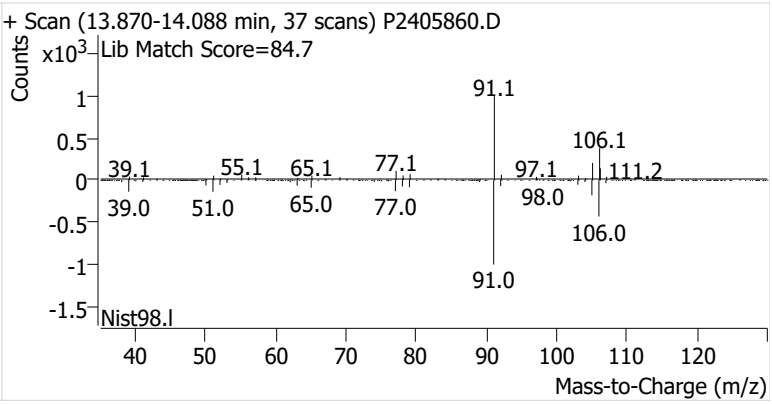
m-/p-Xylene





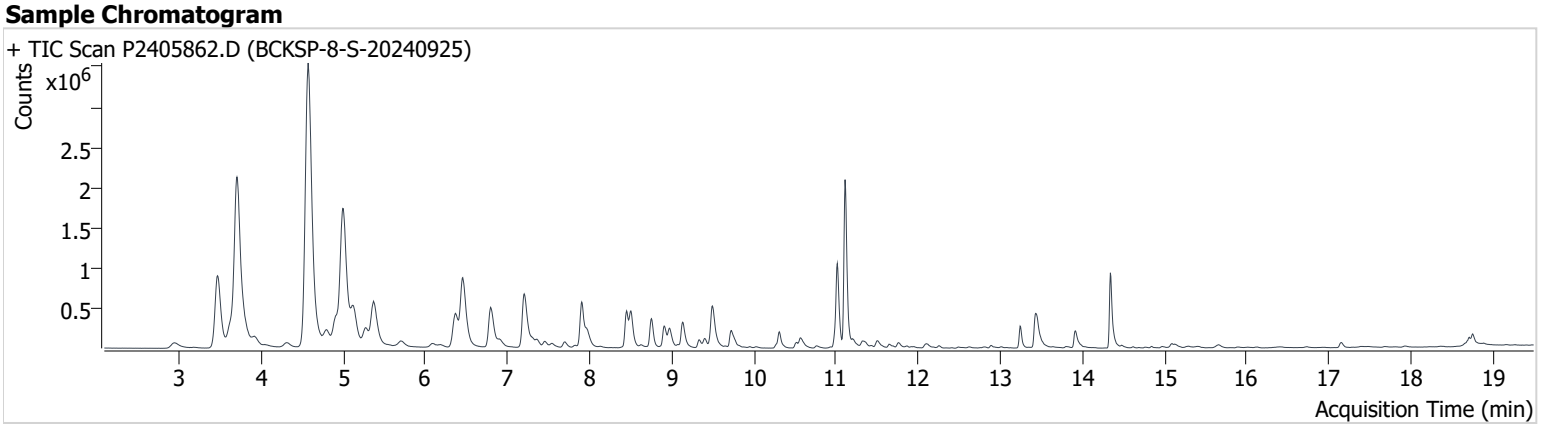
o-Xylene


+ EIC (91.1) Scan P2405860.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.916 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.870-14.088 min, 37 scans) P2405860.D
Counts
x10^3
Lib Match Score=84.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
97.1
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

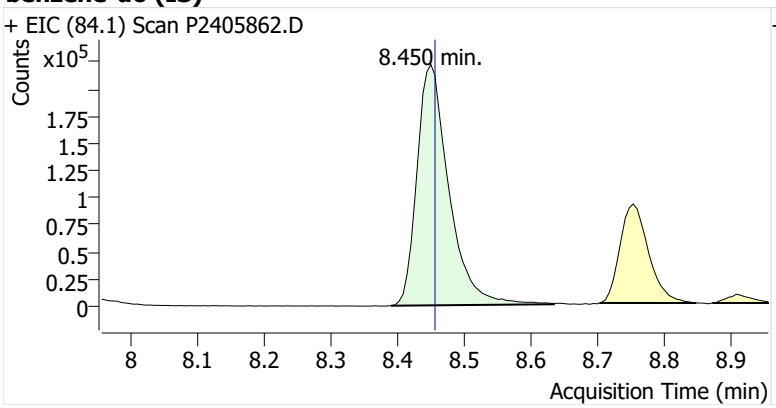
Name	BCKSP-8-S-20240925
Comment	B45015
Data File	P2405862.D
Acq. Date-Time	10/12/2024 12:57:36 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

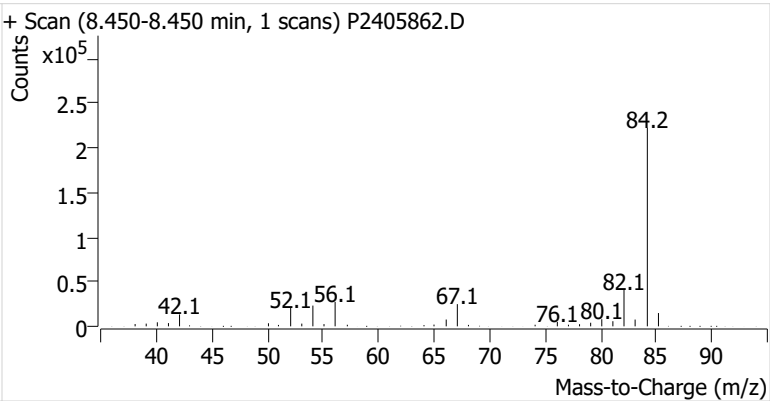
Sample Chromatogram



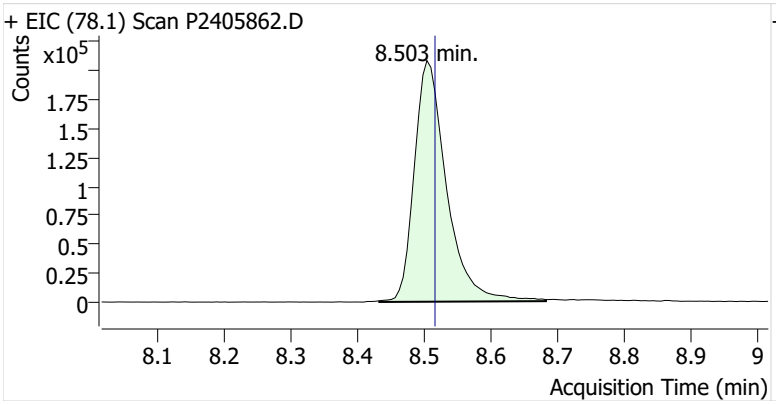
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	733,784	
Benzene	benzene-d6 (IS)	8.503	8.515	697,942	
Toluene-d8 (IS)		11.014	11.032	996,520	
Toluene	Toluene-d8 (IS)	11.109	11.121	2,198,928	
Ethylbenzene	Toluene-d8 (IS)	13.240	13.252	309,116	
m-/p-Xylene	Toluene-d8 (IS)	13.429	13.459	718,231	
o-Xylene	Toluene-d8 (IS)	13.910	13.922	266,776	

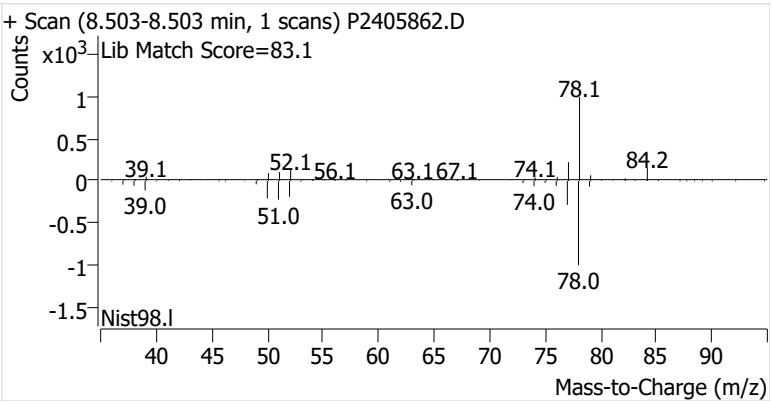
benzene-d6 (IS)



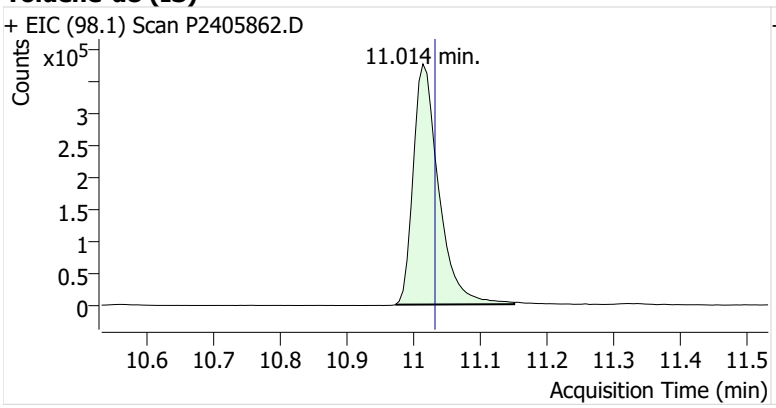


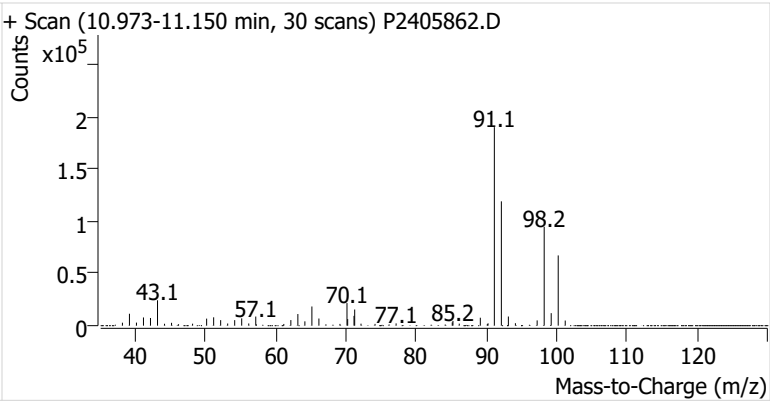
Benzene



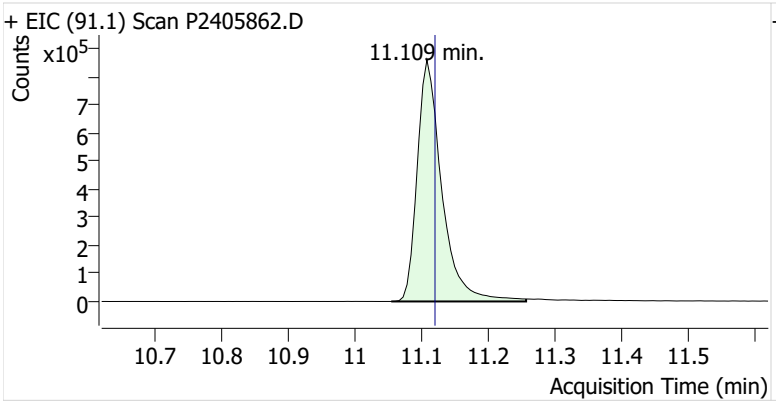


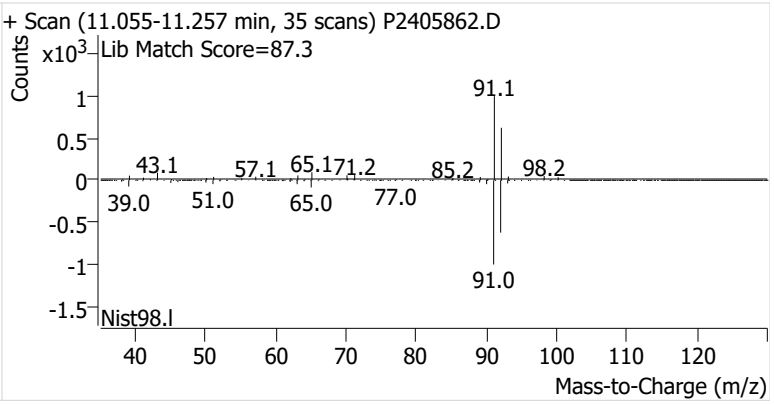
Toluene-d8 (IS)



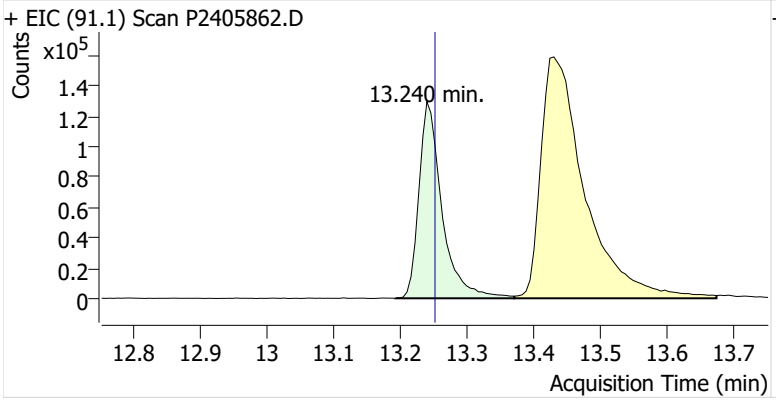


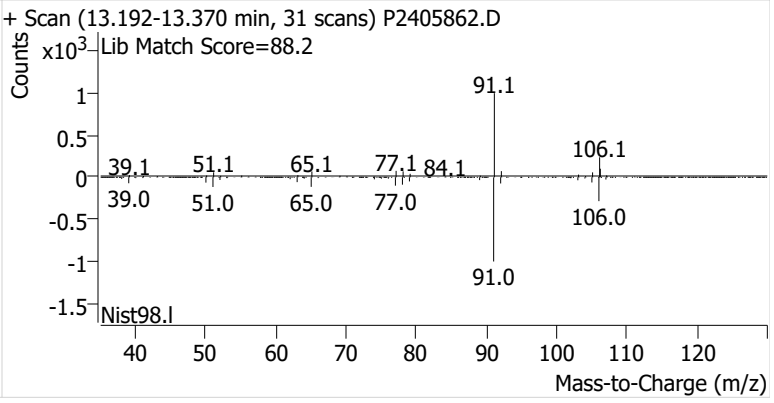
Toluene



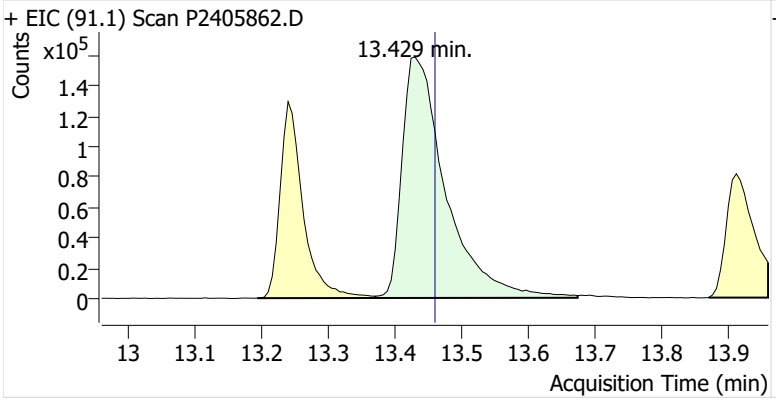


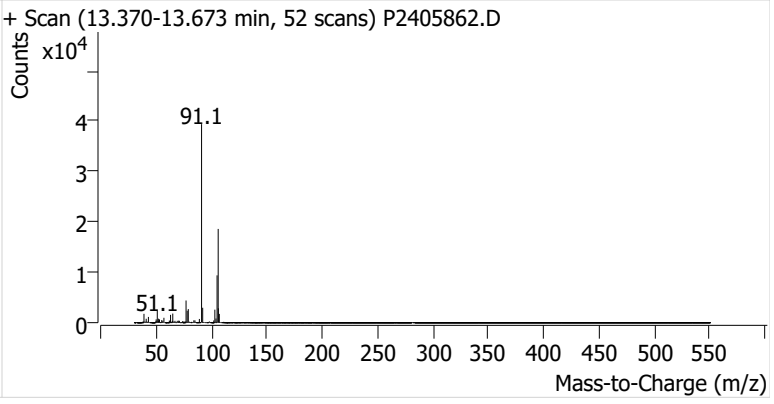
Ethylbenzene



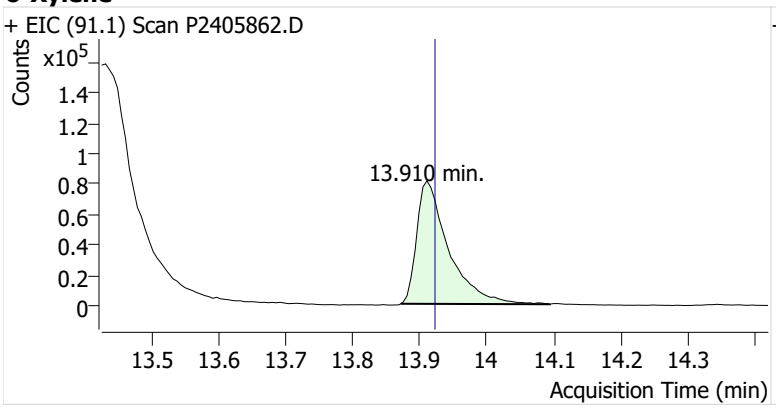


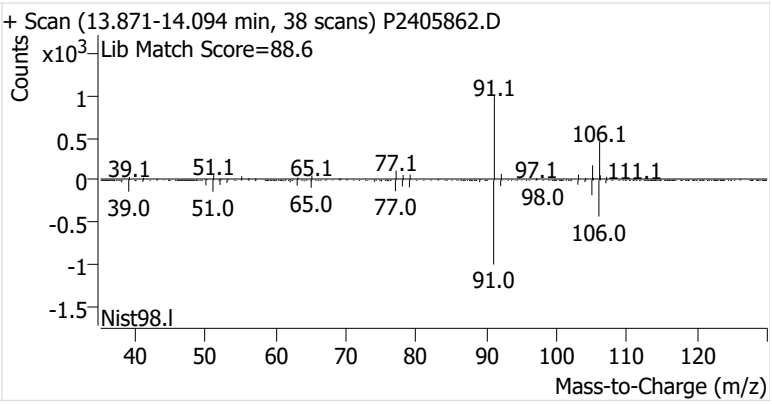
m-/p-Xylene





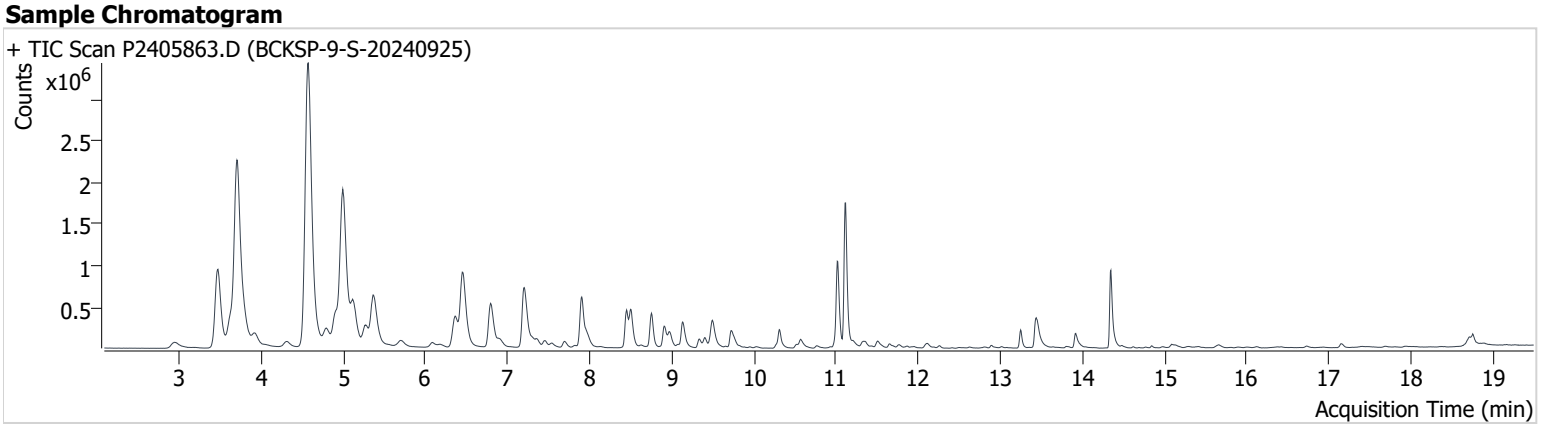
o-Xylene


+ EIC (91.1) Scan P2405862.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.910 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.871-14.094 min, 38 scans) P2405862.D
Counts
x10^3
Lib Match Score=88.6
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
97.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

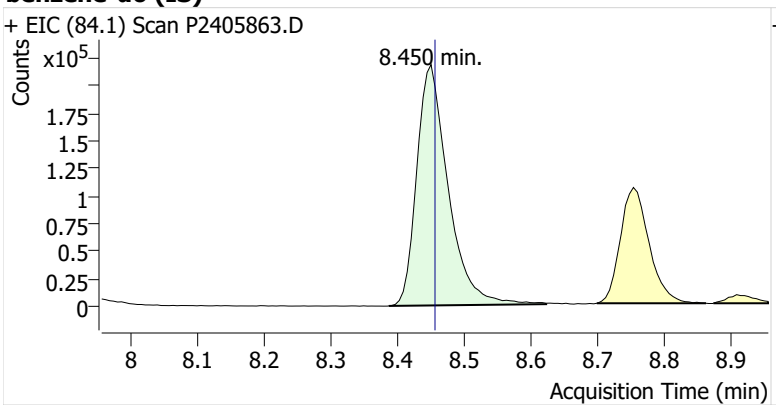
Name	BCKSP-9-S-20240925
Comment	B27653
Data File	P2405863.D
Acq. Date-Time	10/12/2024 1:34:57 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

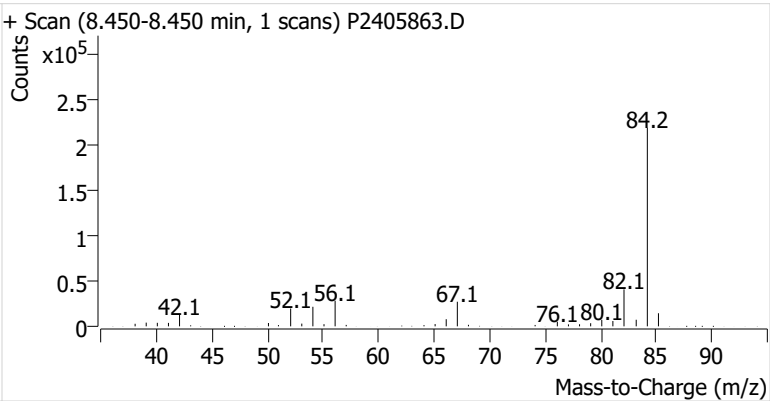
Sample Chromatogram



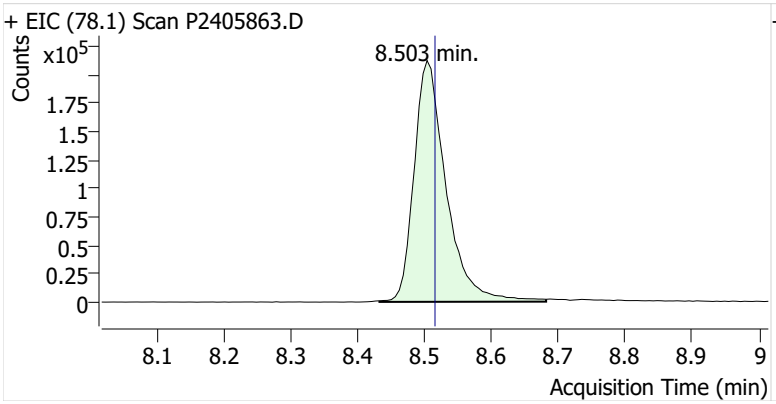
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	712,563	
Benzene	benzene-d6 (IS)	8.503	8.515	703,469	
Toluene-d8 (IS)		11.020	11.032	1,079,862	
Toluene	Toluene-d8 (IS)	11.109	11.121	1,978,248	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.252	242,657	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	591,837	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	225,210	

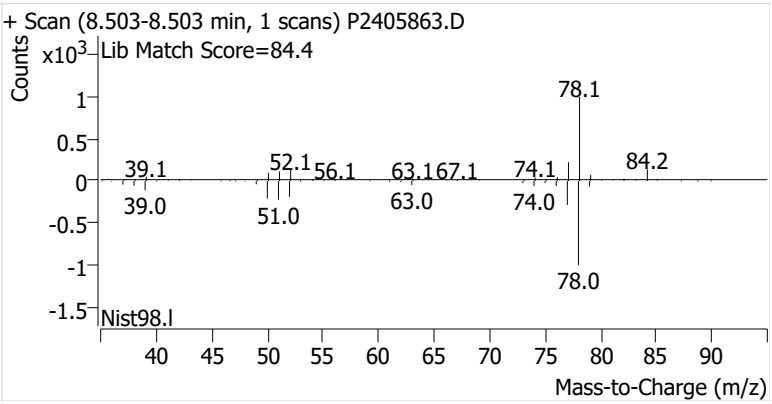
benzene-d6 (IS)



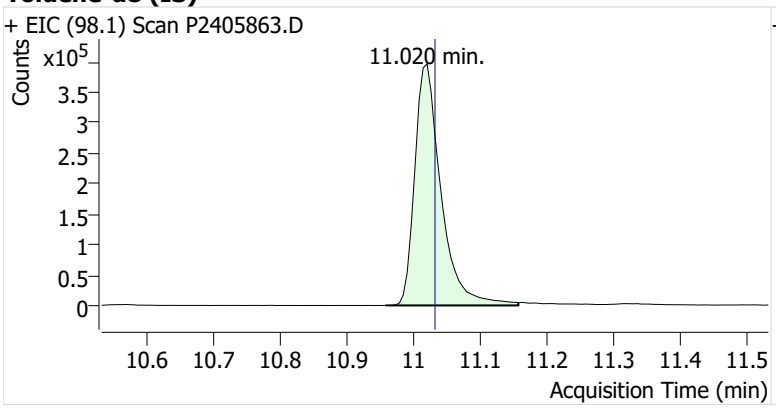


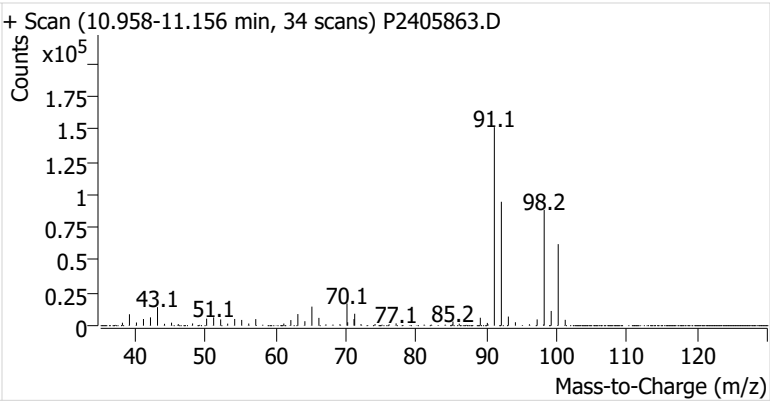
Benzene



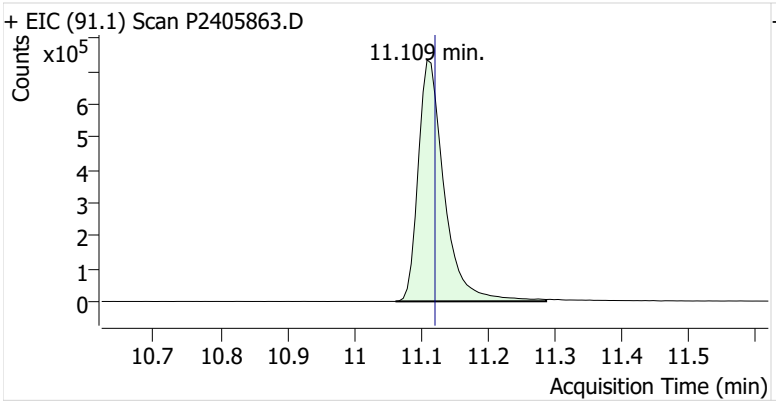


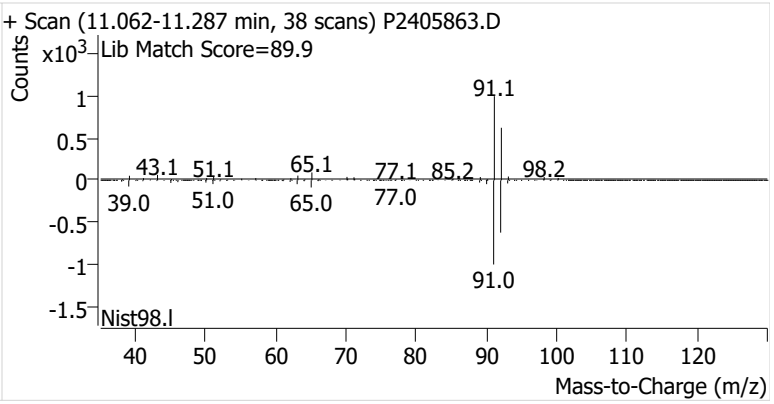
Toluene-d8 (IS)



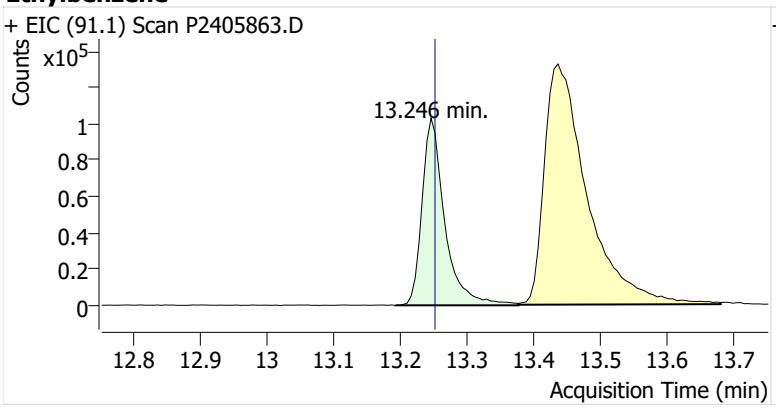


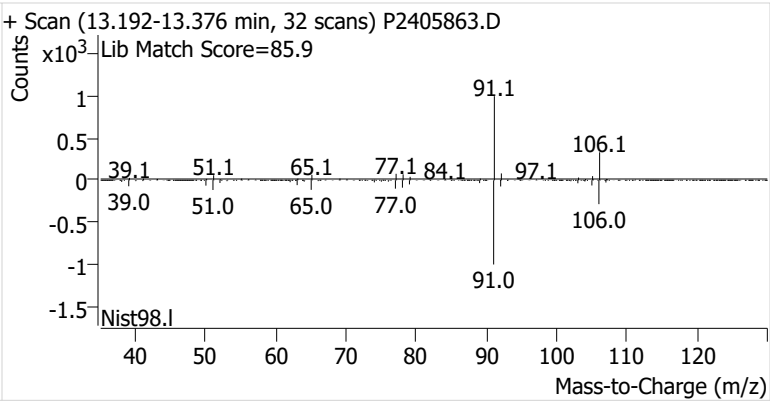
Toluene



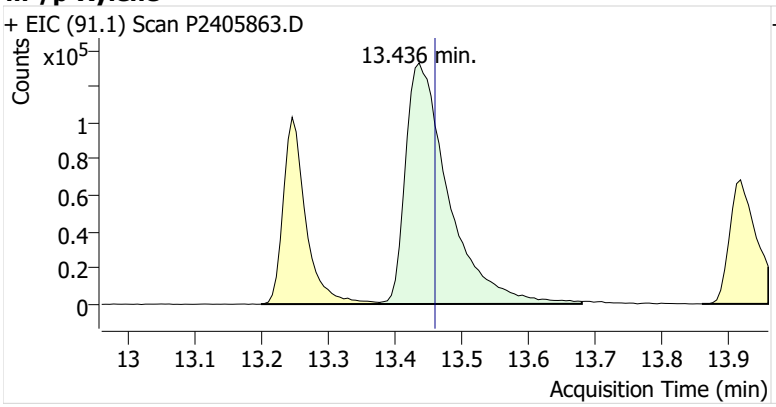


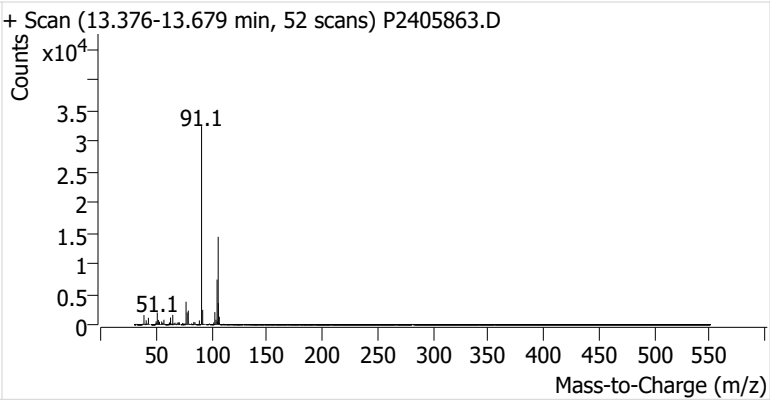
Ethylbenzene



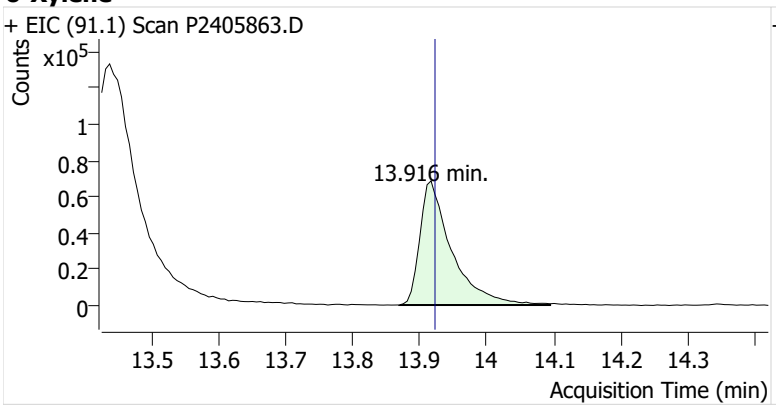


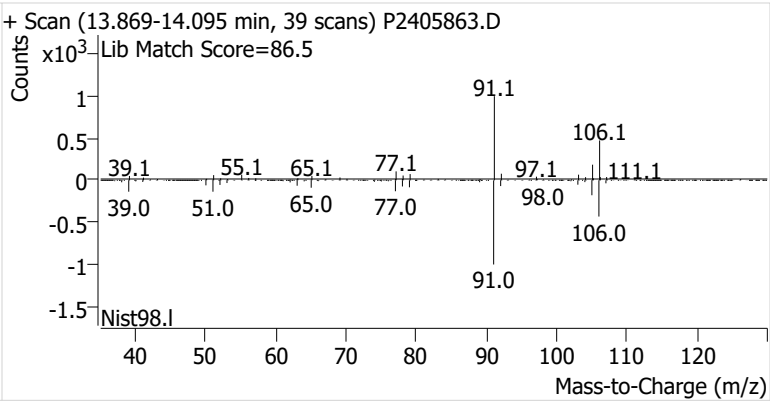
m-/p-Xylene





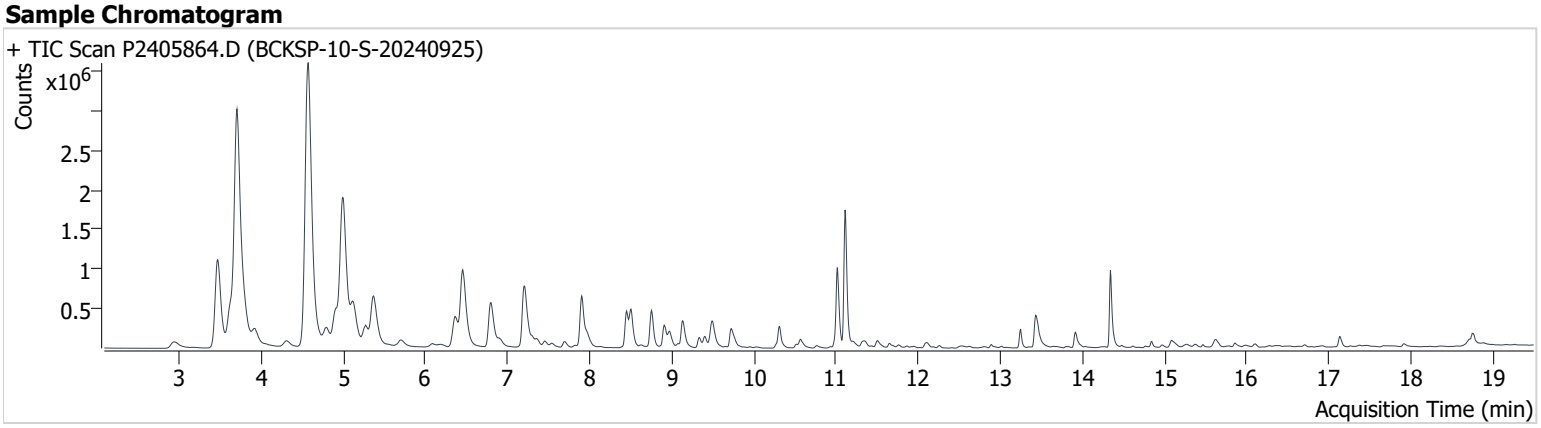
o-Xylene


+ EIC (91.1) Scan P2405863.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.916 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.869-14.095 min, 39 scans) P2405863.D
Lib Match Score=86.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

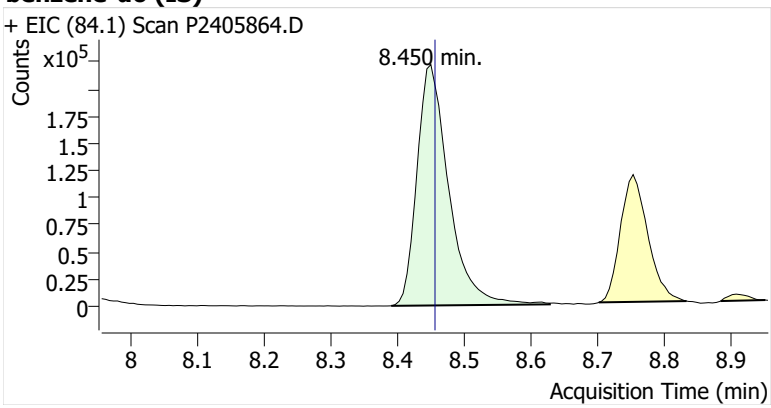
Name	BCKSP-10-S-20240925
Comment	C35887
Data File	P2405864.D
Acq. Date-Time	10/12/2024 2:12:15 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

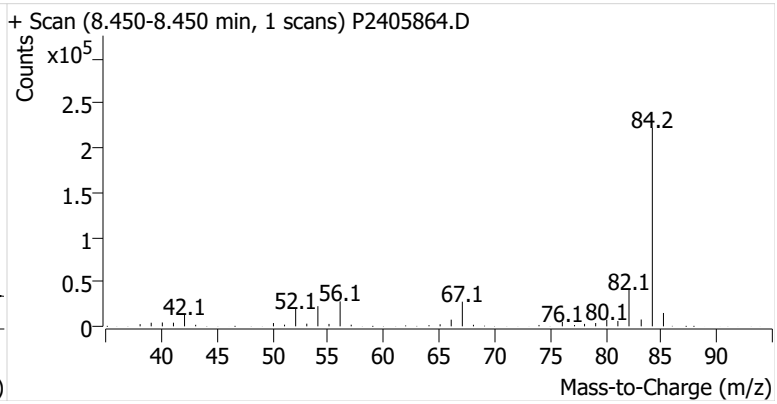
Sample Chromatogram



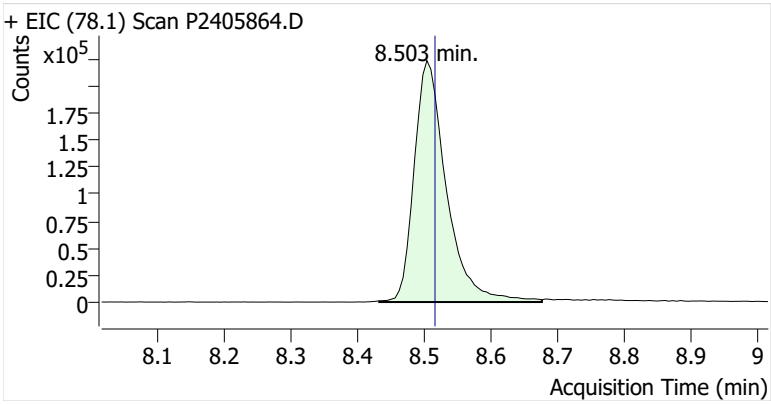
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	731,902	
Benzene	benzene-d6 (IS)	8.503	8.515	748,918	
Toluene-d8 (IS)		11.014	11.032	1,008,660	
Toluene	Toluene-d8 (IS)	11.109	11.121	1,920,583	
Ethylbenzene	Toluene-d8 (IS)	13.245	13.252	241,033	
m-/p-Xylene	Toluene-d8 (IS)	13.429	13.459	617,267	
o-Xylene	Toluene-d8 (IS)	13.910	13.922	229,147	

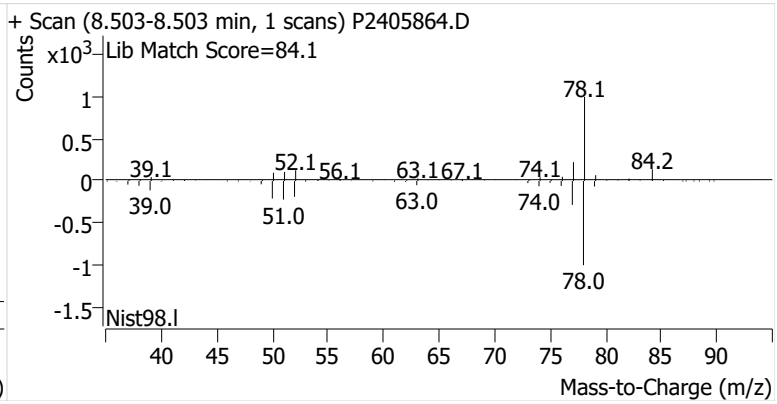
benzene-d6 (IS)



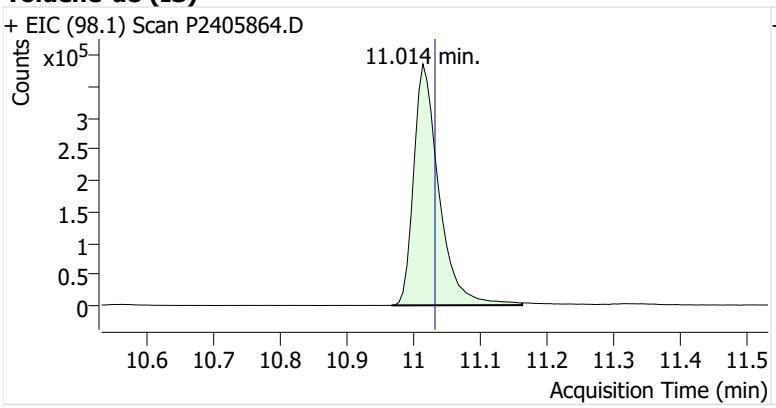


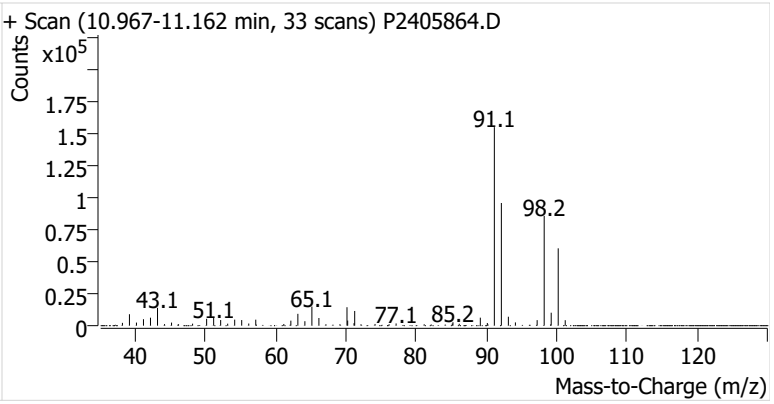
Benzene



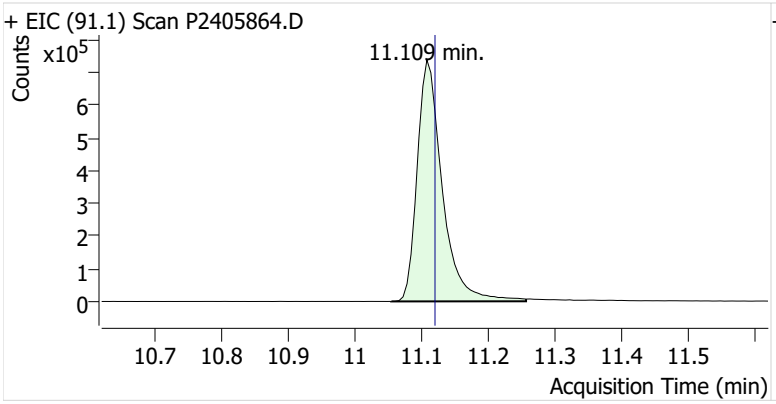


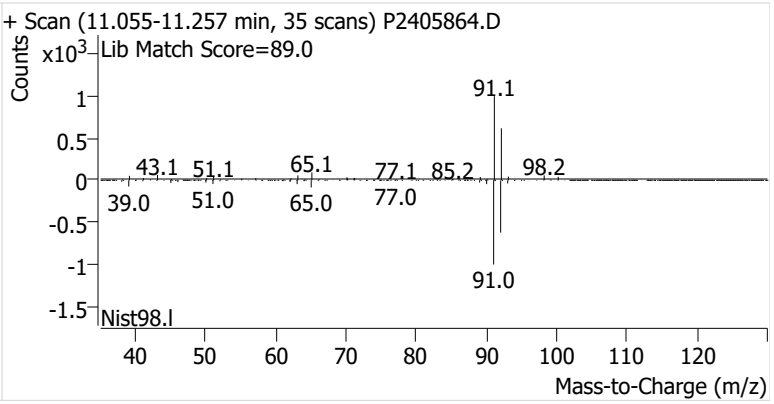
Toluene-d8 (IS)



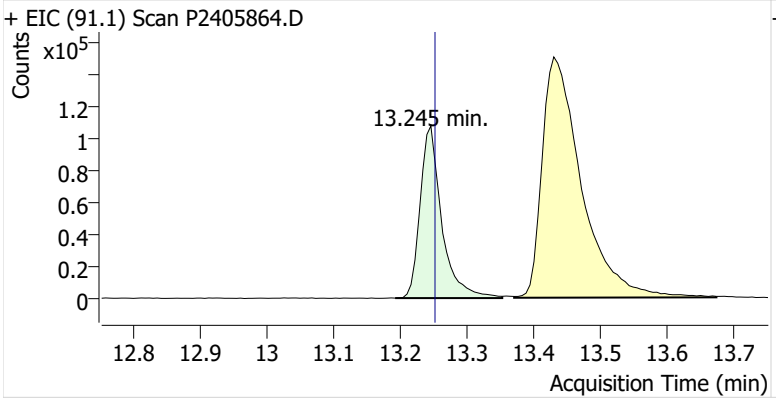


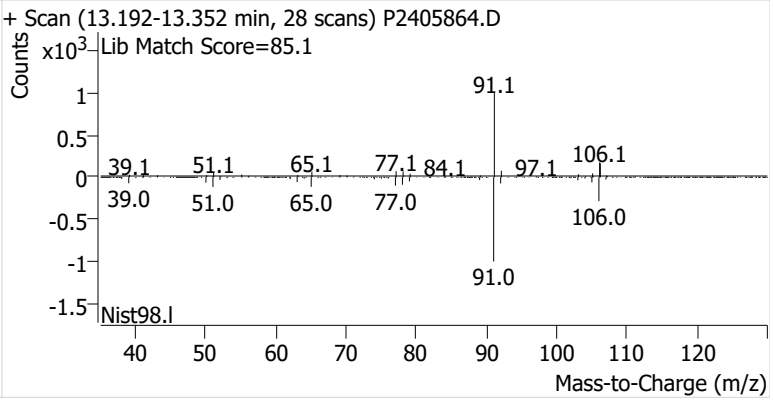
Toluene



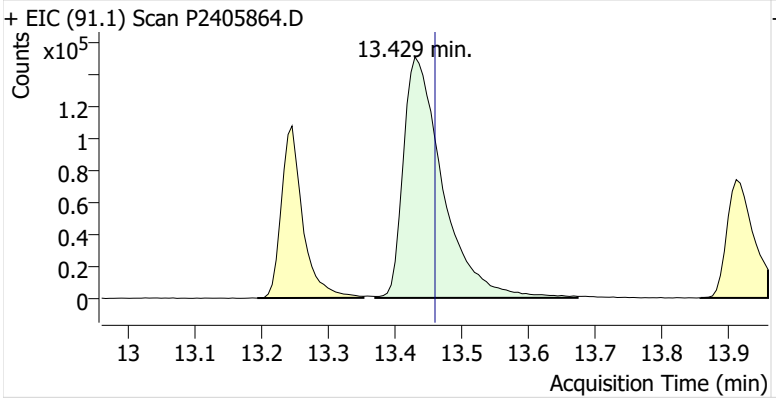


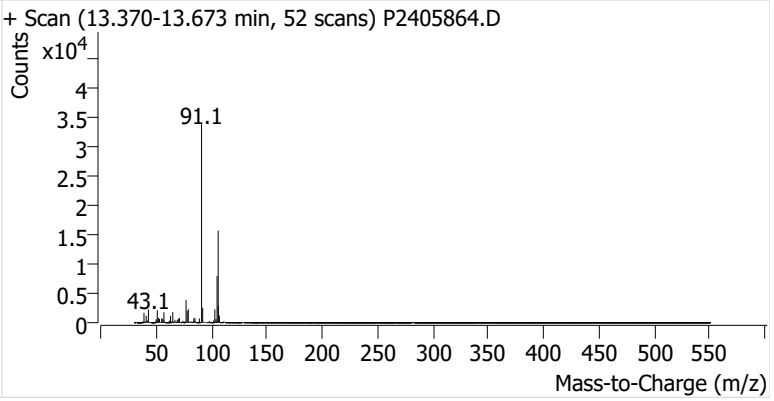
Ethylbenzene



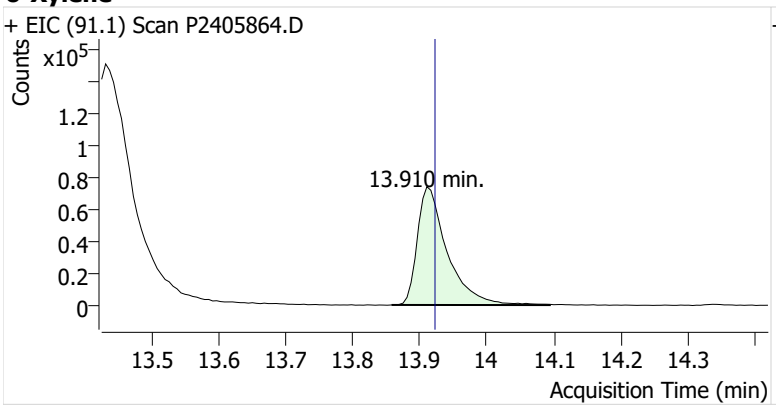


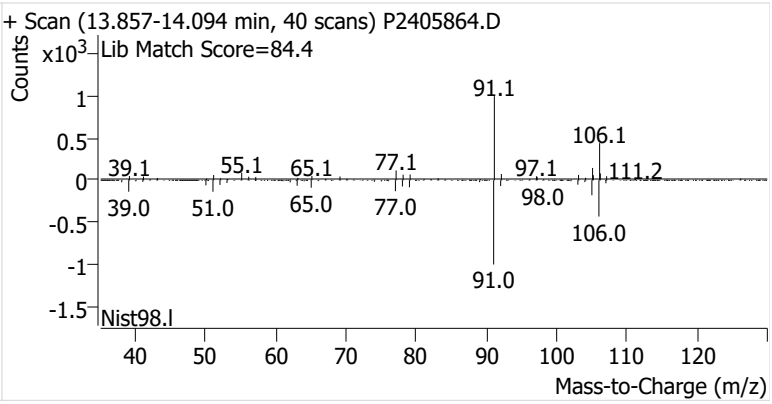
m-/p-Xylene





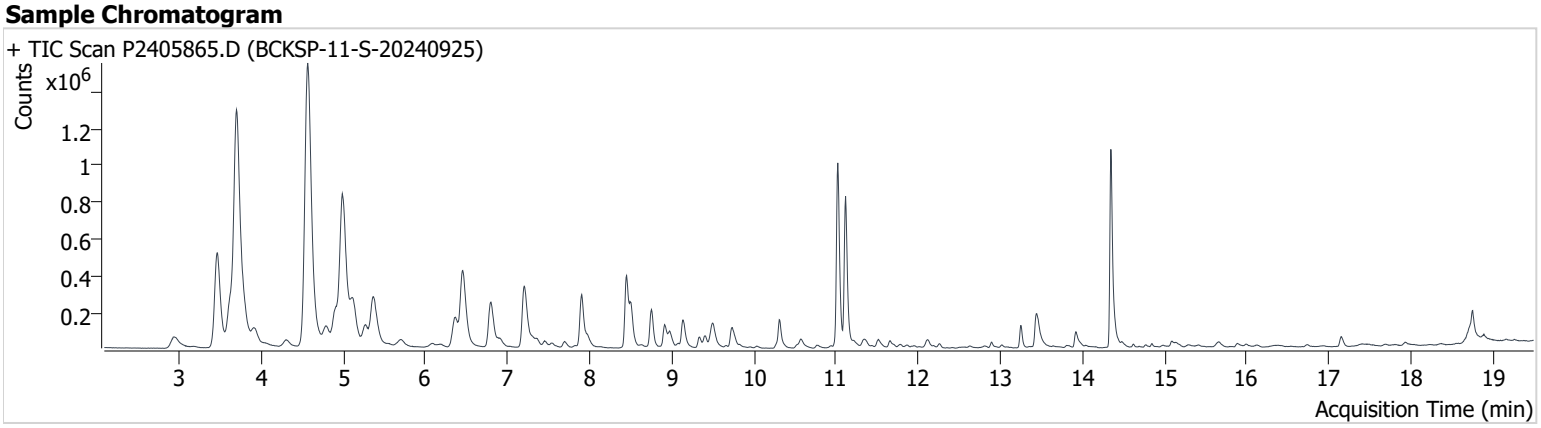
o-Xylene


+ EIC (91.1) Scan P2405864.D
Counts
x10^5
1.2
1
0.8
0.6
0.4
0.2
0
13.910 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.857-14.094 min, 40 scans) P2405864.D
Lib Match Score=84.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
97.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

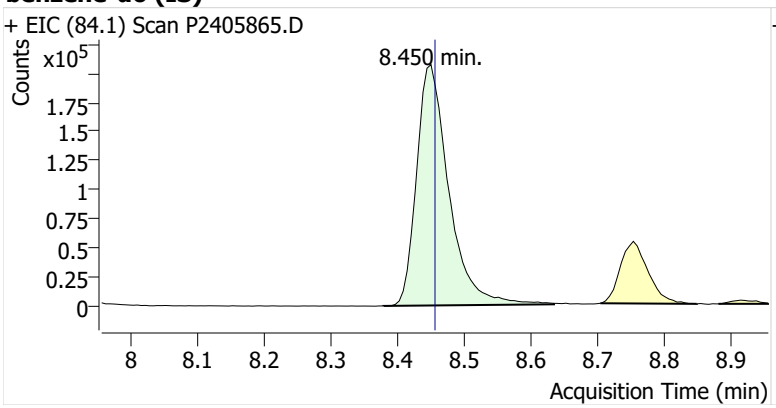
Name	BCKSP-11-S-20240925
Comment	B16846
Data File	P2405865.D
Acq. Date-Time	10/12/2024 2:49:31 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

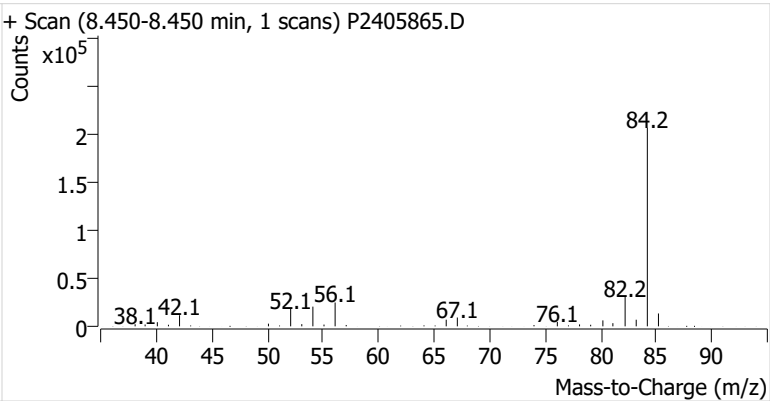
Sample Chromatogram



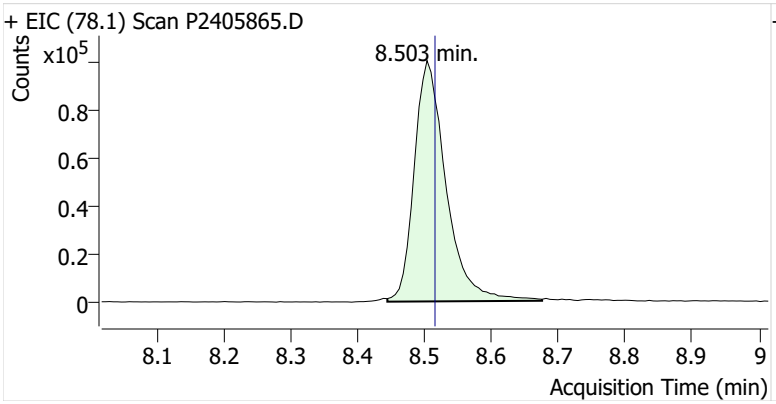
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	691,969	
Benzene	benzene-d6 (IS)	8.503	8.515	332,630	
Toluene-d8 (IS)		11.020	11.032	1,055,062	
Toluene	Toluene-d8 (IS)	11.115	11.121	908,403	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.252	133,649	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	300,423	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	113,625	

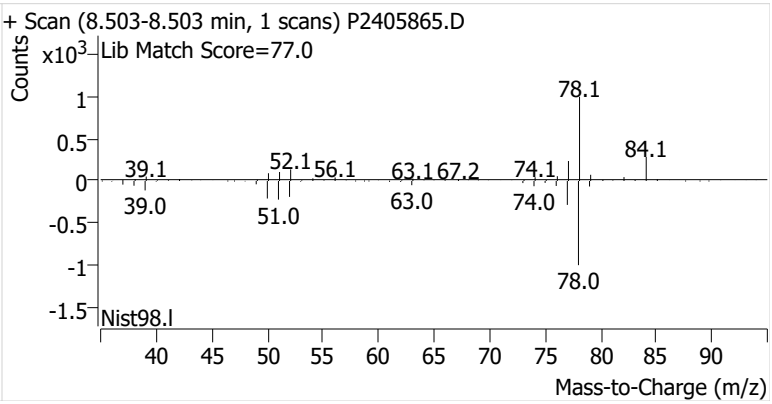
benzene-d6 (IS)



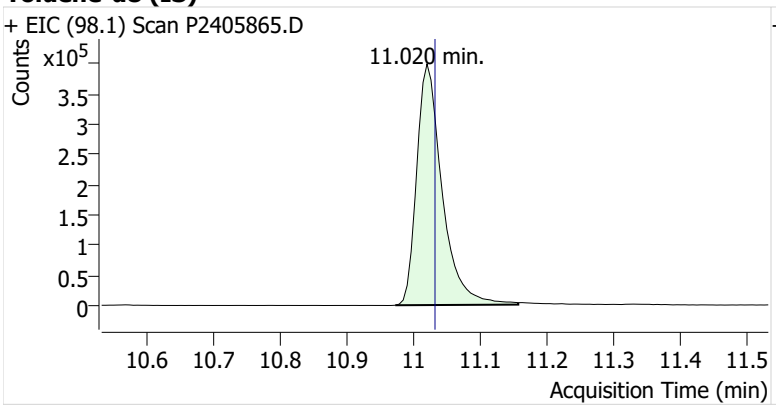


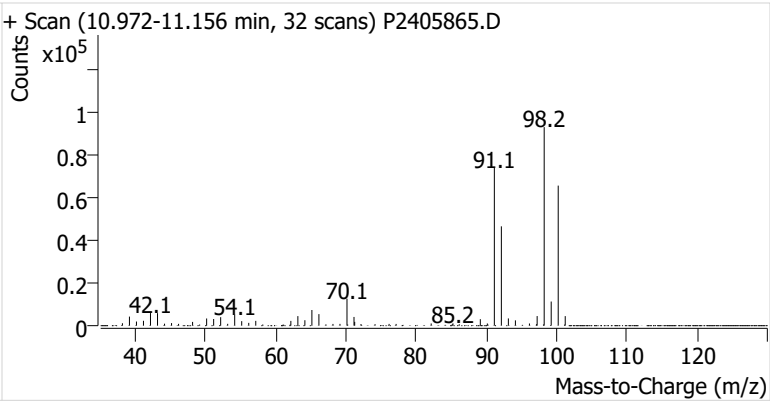
Benzene



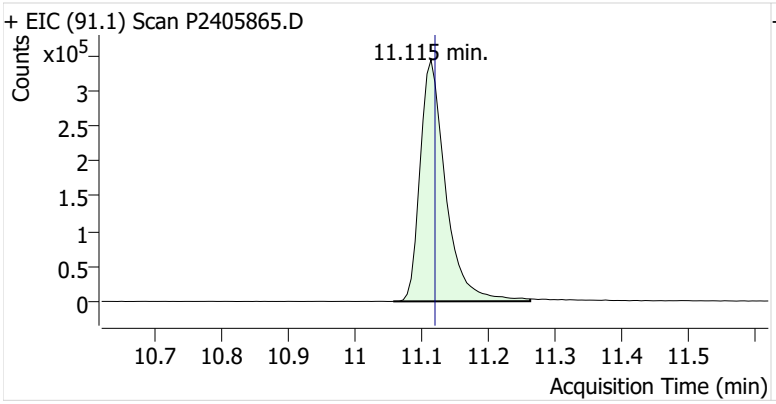


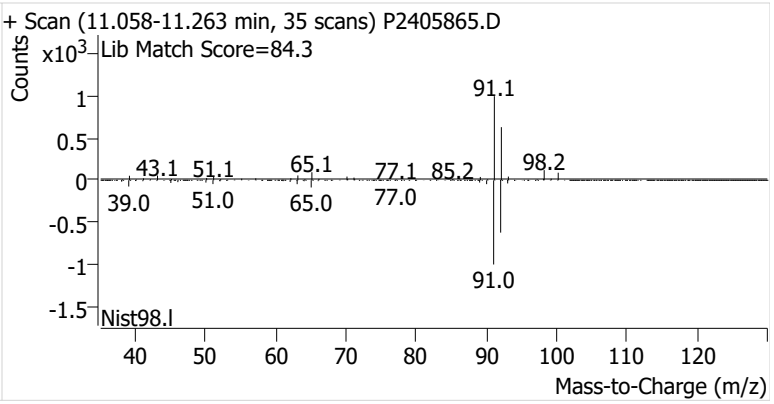
Toluene-d8 (IS)



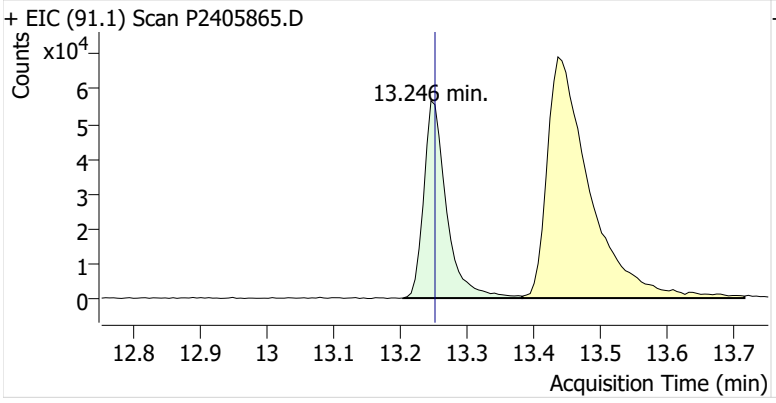


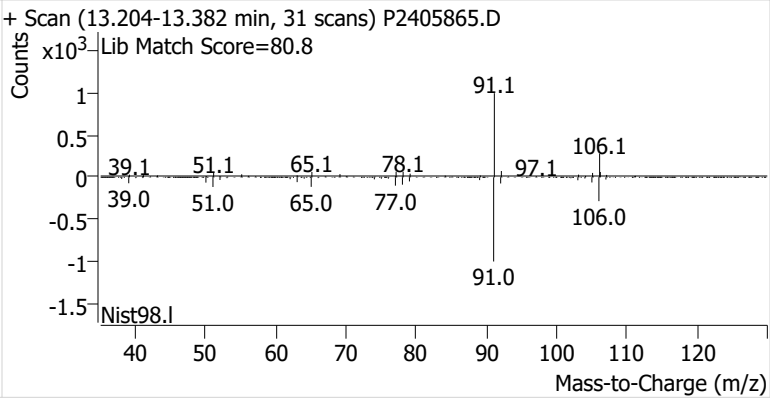
Toluene



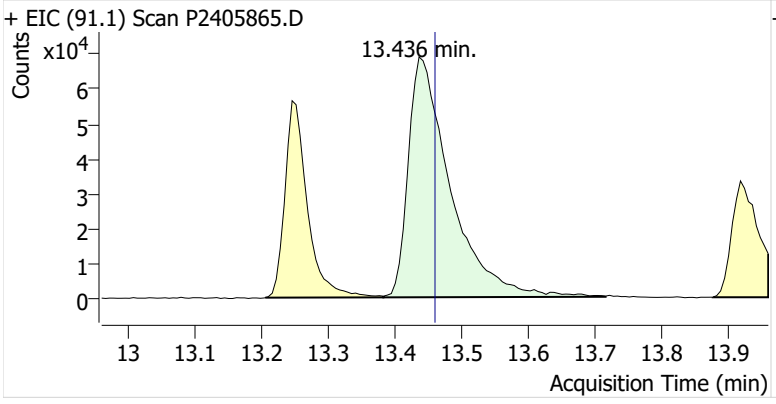


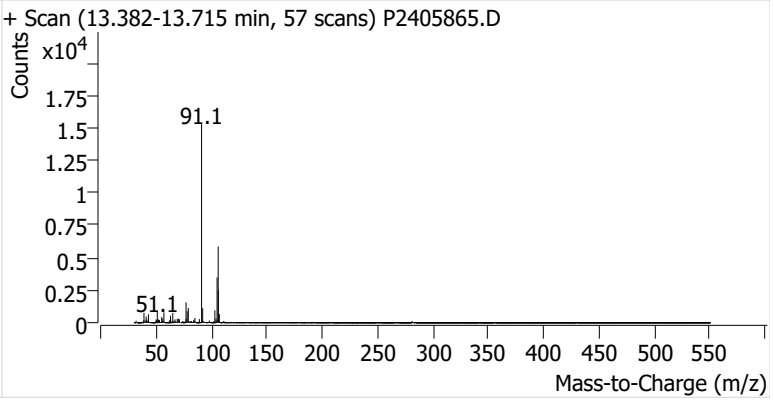
Ethylbenzene



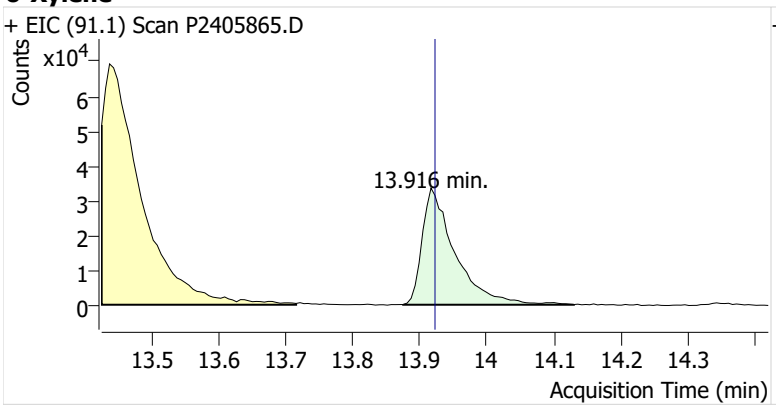


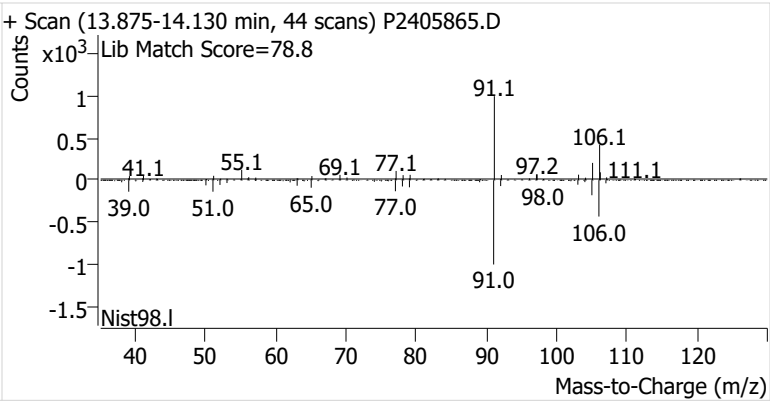
m-/p-Xylene





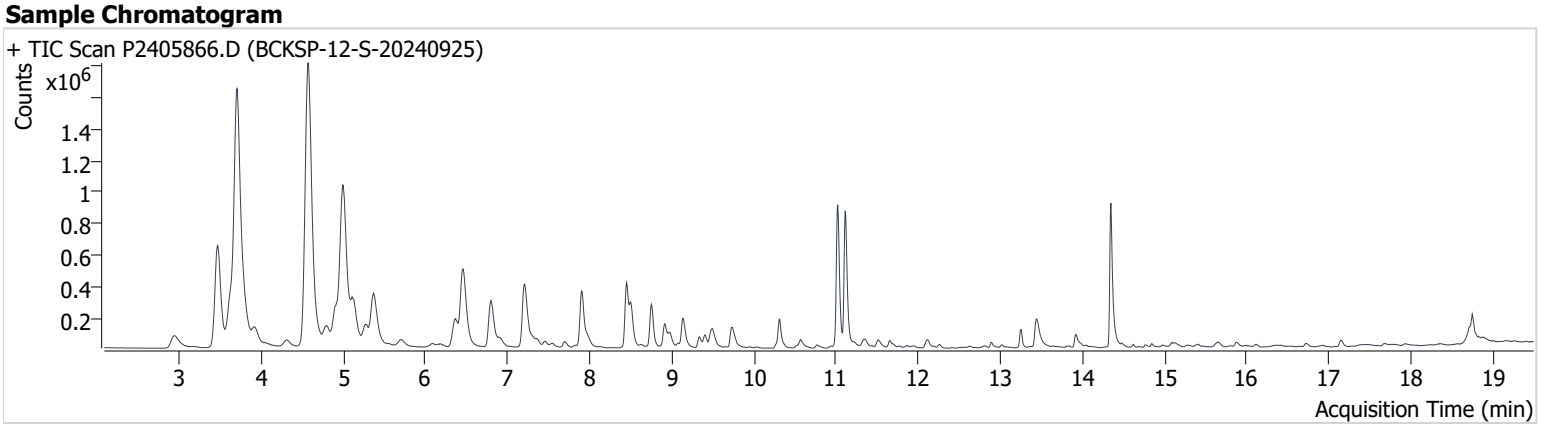
o-Xylene


+ EIC (91.1) Scan P2405865.D
Counts
x10^4
6
5
4
3
2
1
0
13.916 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.875-14.130 min, 44 scans) P2405865.D
Counts
x10^3
Lib Match Score=78.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

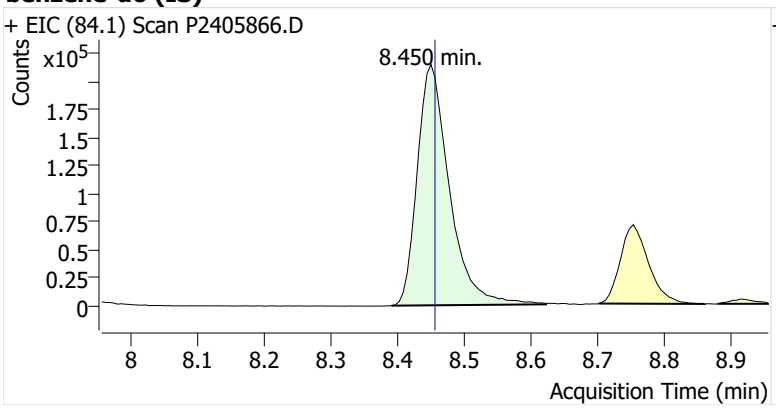
Name	BCKSP-12-S-20240925
Comment	C38882
Data File	P2405866.D
Acq. Date-Time	10/12/2024 3:26:50 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

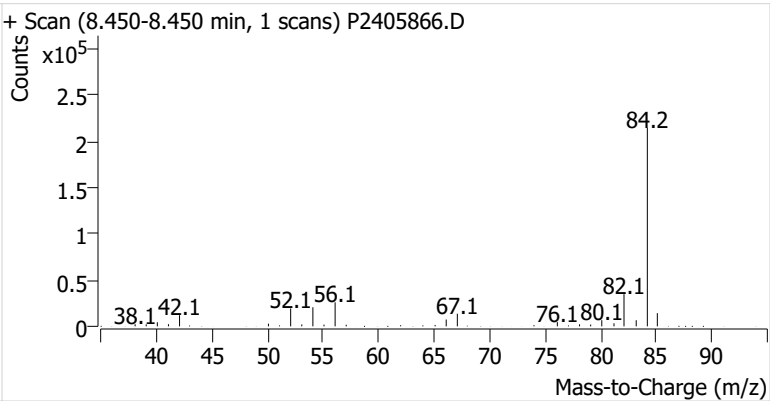
Sample Chromatogram



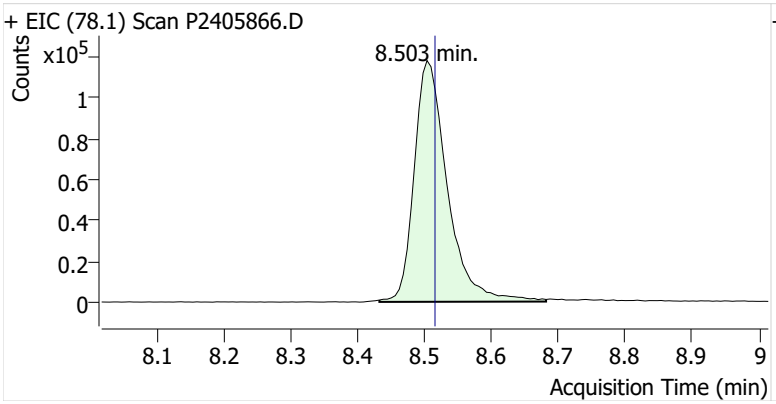
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	713,776	
Benzene	benzene-d6 (IS)	8.503	8.515	406,705	
Toluene-d8 (IS)		11.020	11.032	992,258	
Toluene	Toluene-d8 (IS)	11.109	11.121	1,019,626	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	128,743	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	302,629	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	113,151	

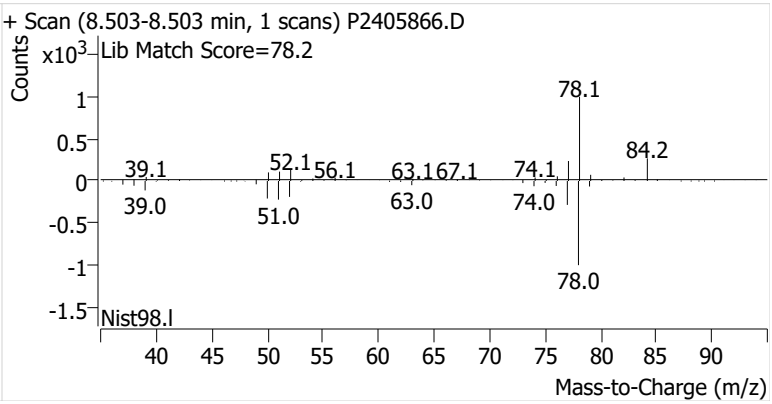
benzene-d6 (IS)



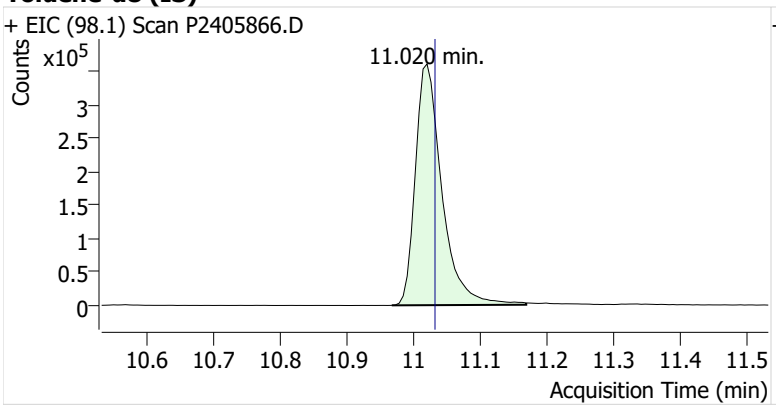


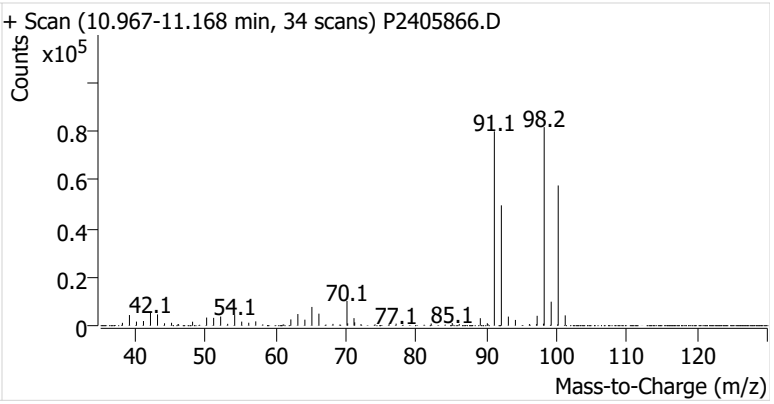
Benzene



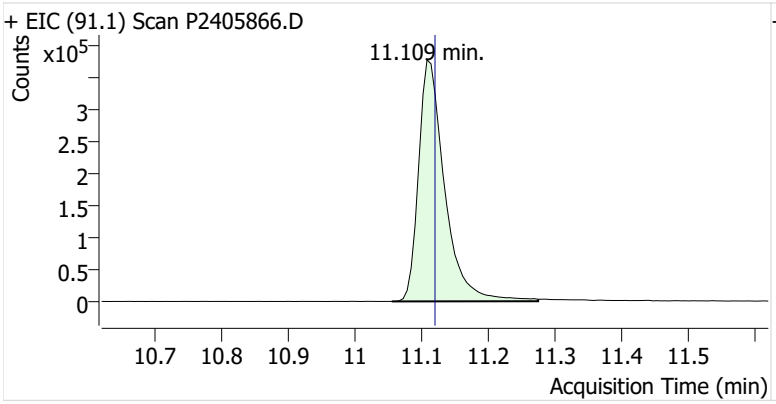


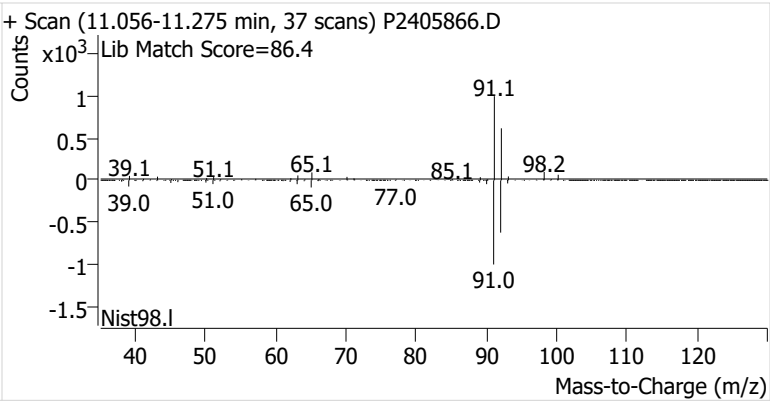
Toluene-d8 (IS)



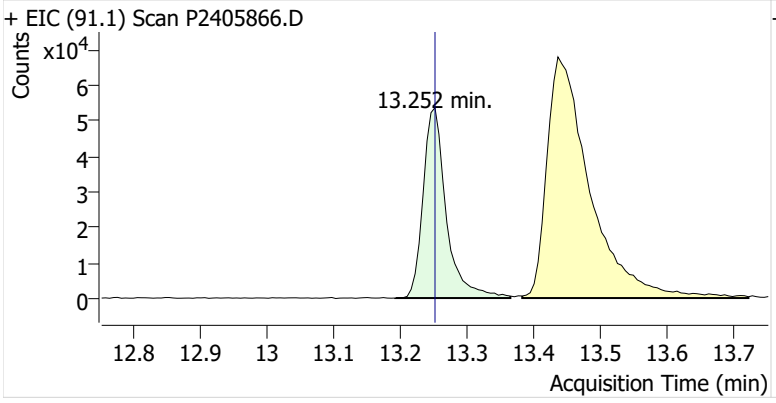


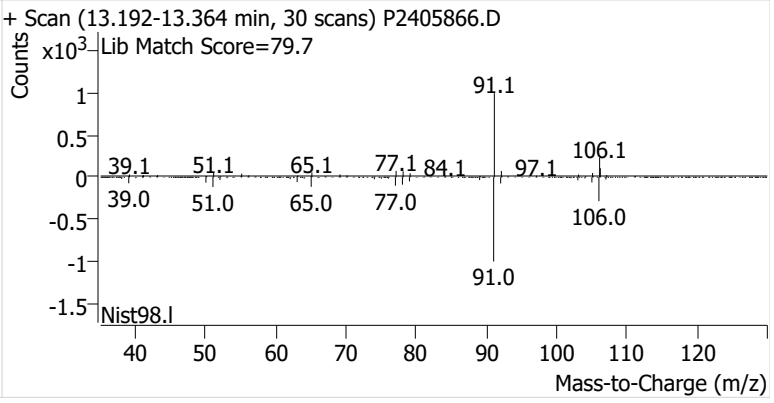
Toluene



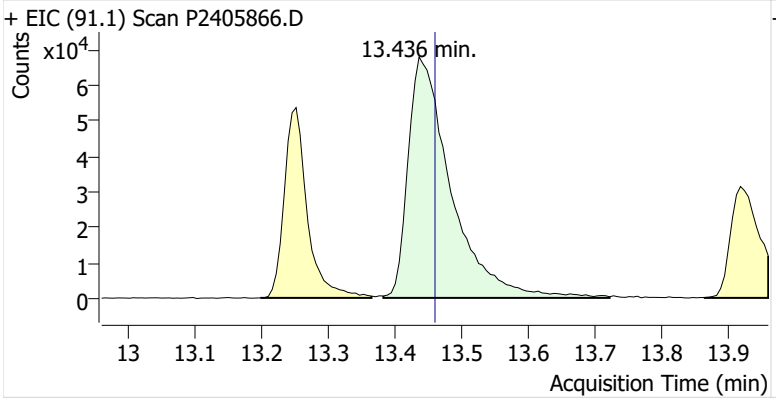


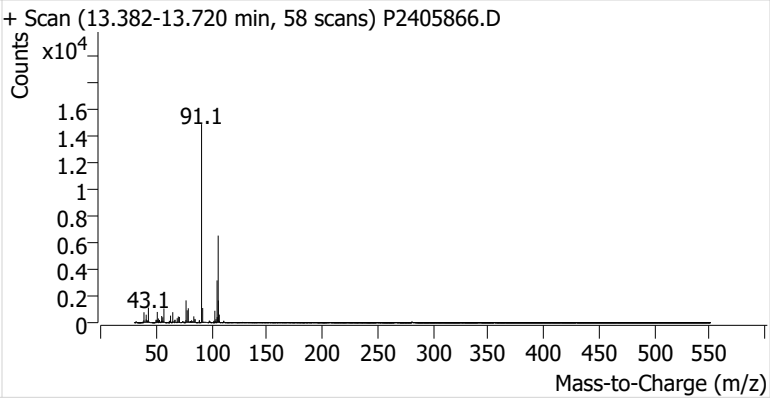
Ethylbenzene



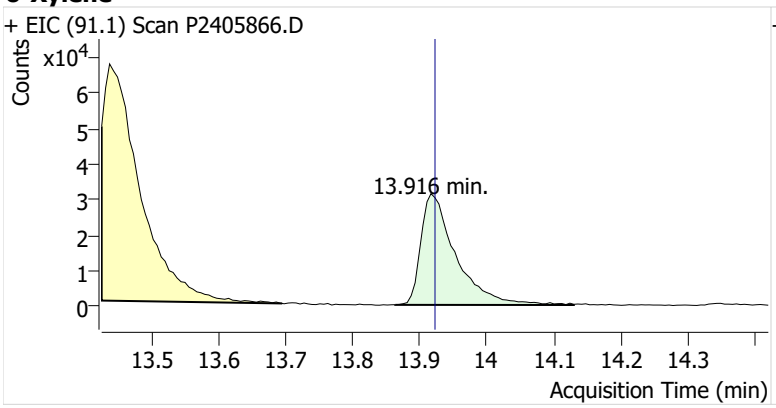


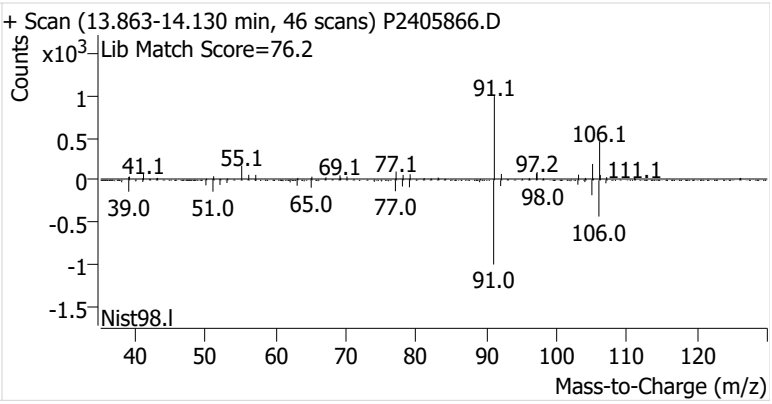
m-/p-Xylene





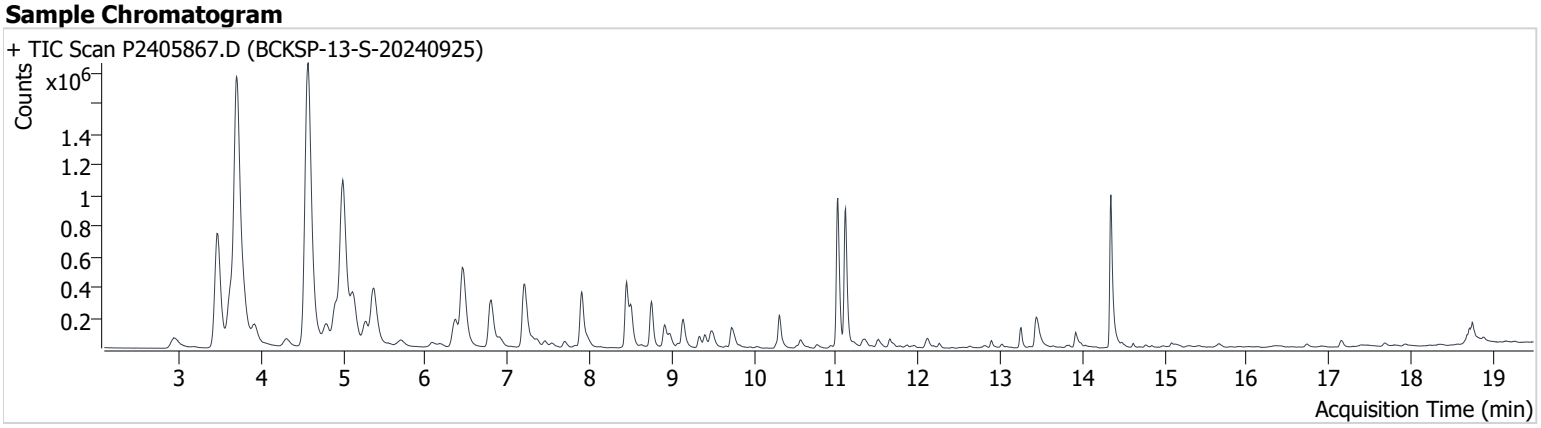
o-Xylene


+ EIC (91.1) Scan P2405866.D
Counts
x10^4
6
5
4
3
2
1
0
13.916 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.863-14.130 min, 46 scans) P2405866.D
Counts
x10^3
Lib Match Score=76.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

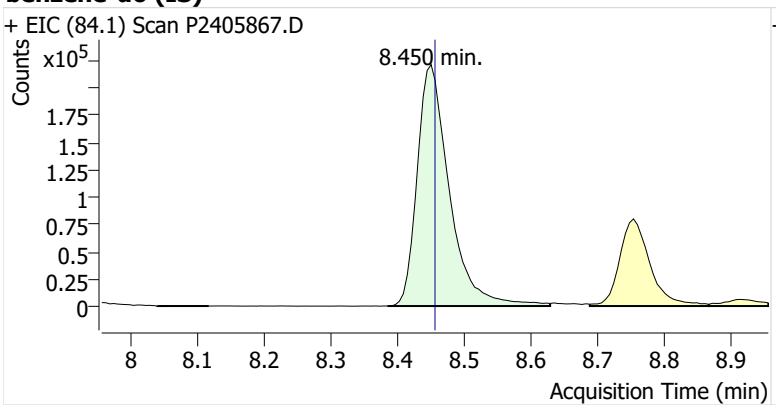
Name	BCKSP-13-S-20240925
Comment	C00774
Data File	P2405867.D
Acq. Date-Time	10/12/2024 4:04:07 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

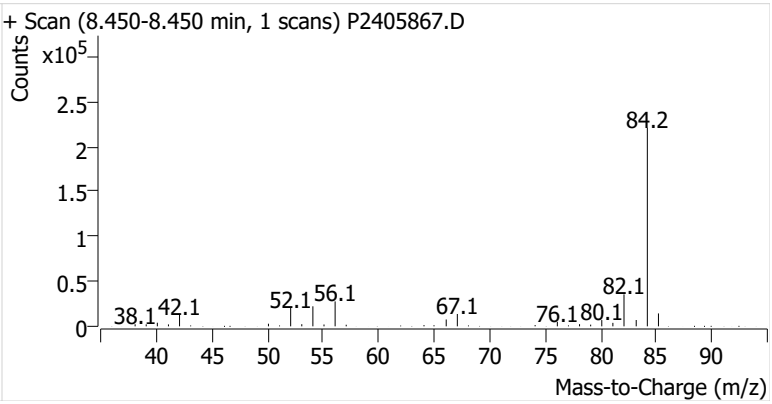
Sample Chromatogram



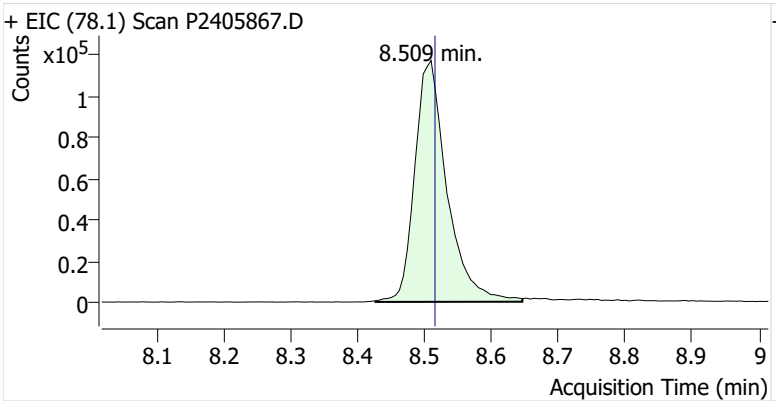
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	738,102	
Benzene	benzene-d6 (IS)	8.509	8.515	392,435	
Toluene-d8 (IS)		11.020	11.032	1,036,182	
Toluene	Toluene-d8 (IS)	11.115	11.121	1,046,179	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	139,246	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	311,484	
o-Xylene	Toluene-d8 (IS)	13.917	13.922	126,600	

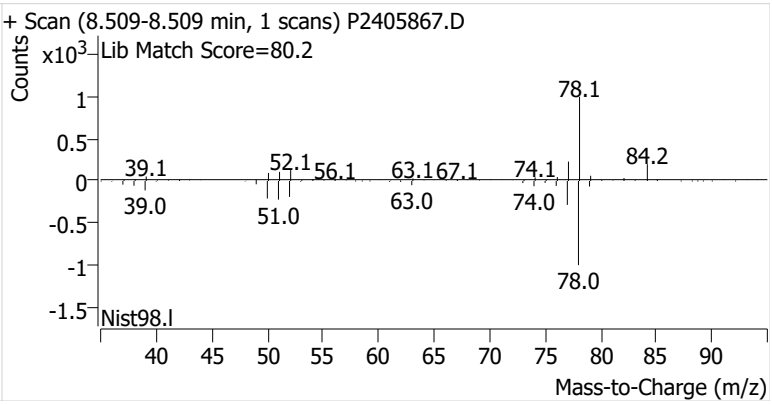
benzene-d6 (IS)



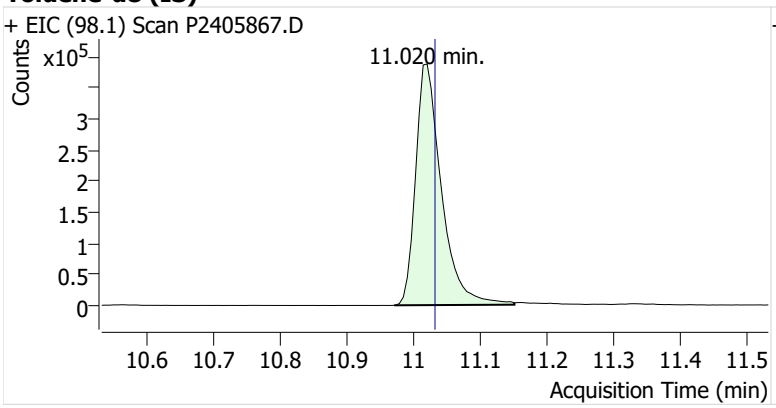


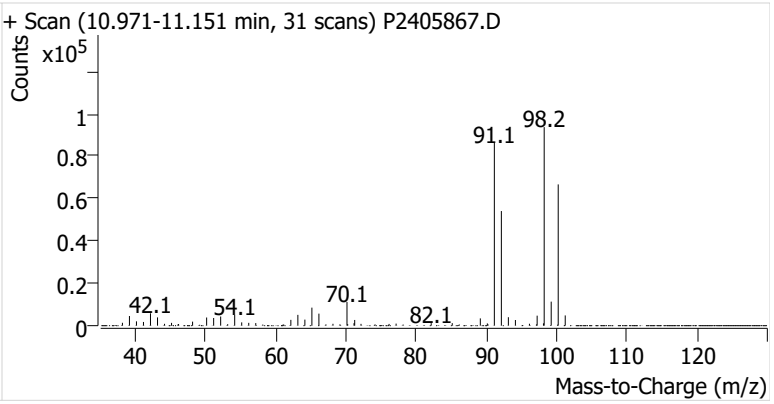
Benzene



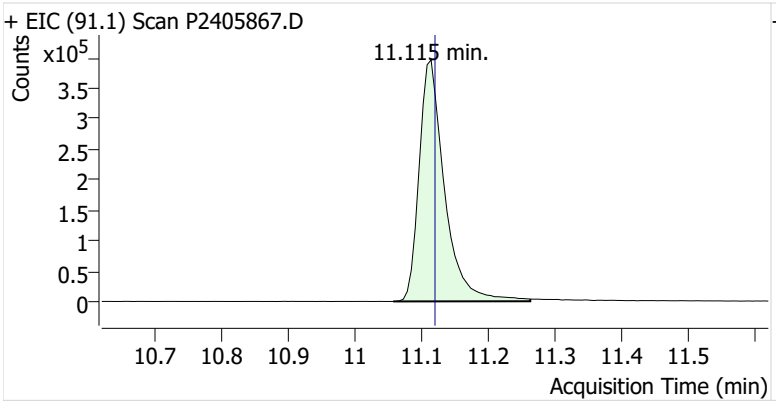


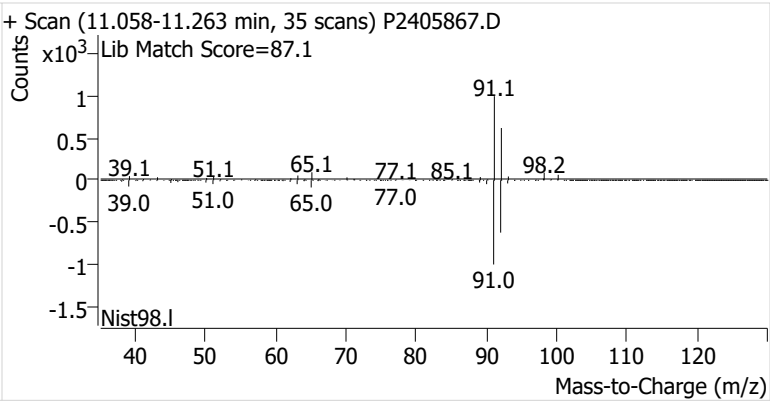
Toluene-d8 (IS)



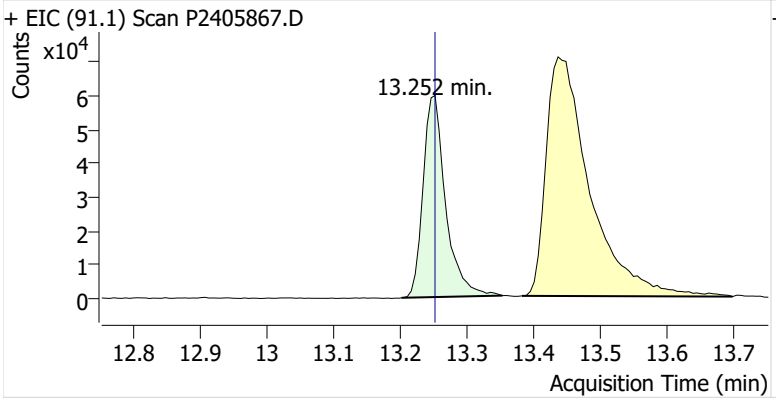


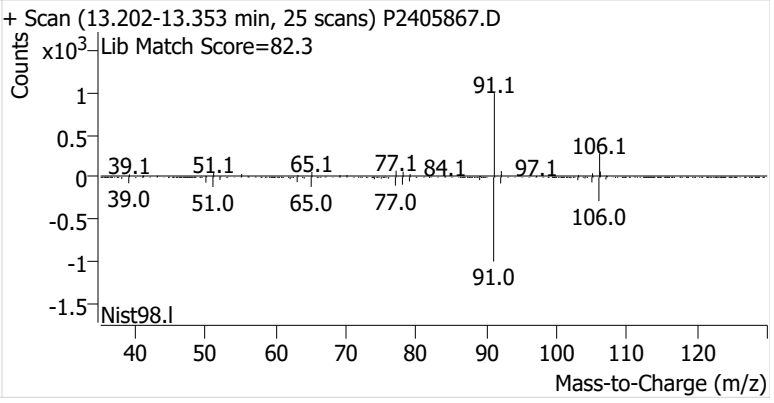
Toluene



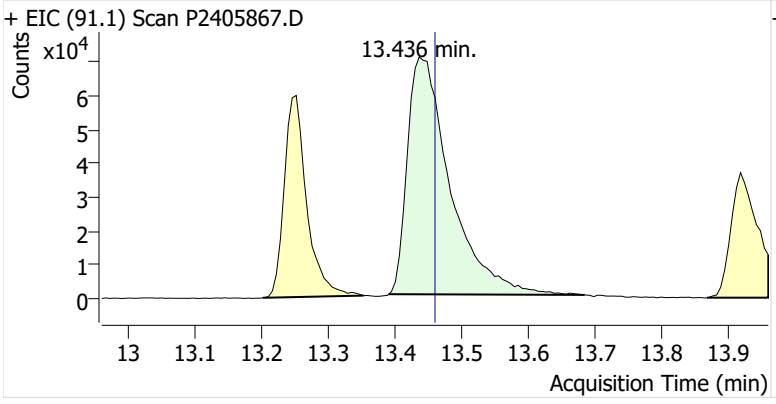


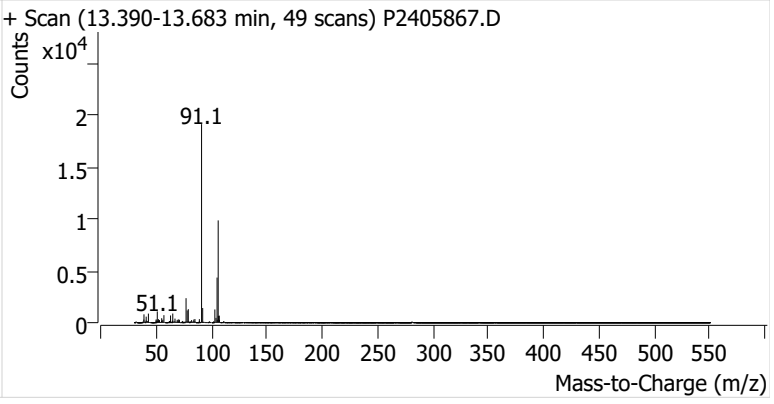
Ethylbenzene



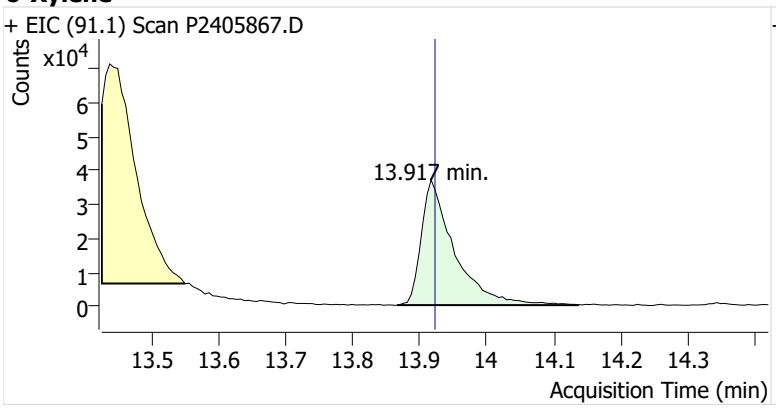


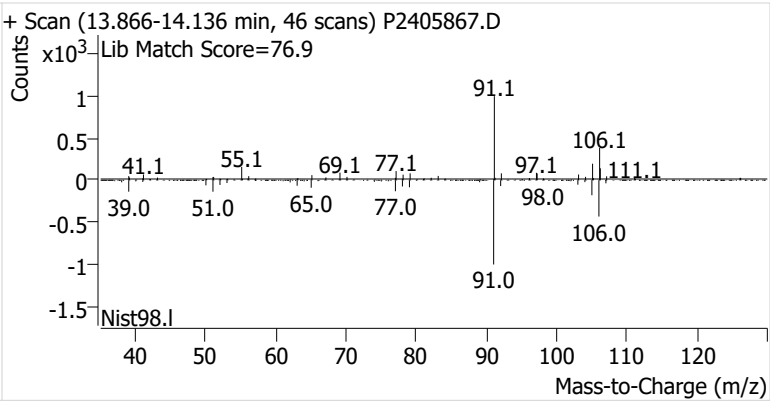
m-/p-Xylene





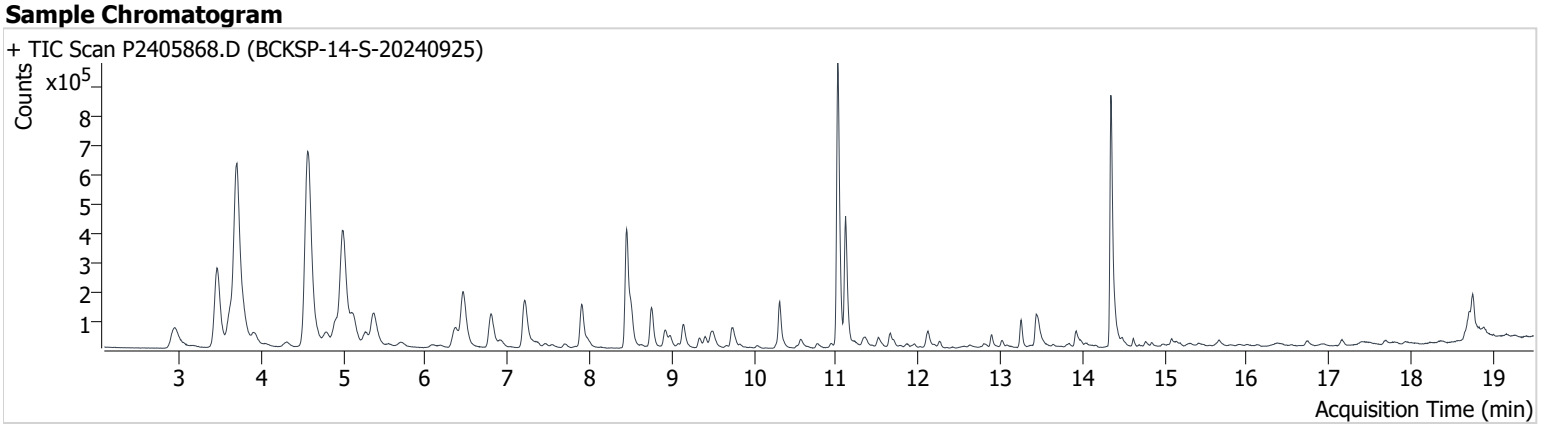
o-Xylene


+ EIC (91.1) Scan P2405867.D
Counts
x10^4
6
5
4
3
2
1
0
13.917 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.866-14.136 min, 46 scans) P2405867.D
Counts
x10^3
Lib Match Score=76.9
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

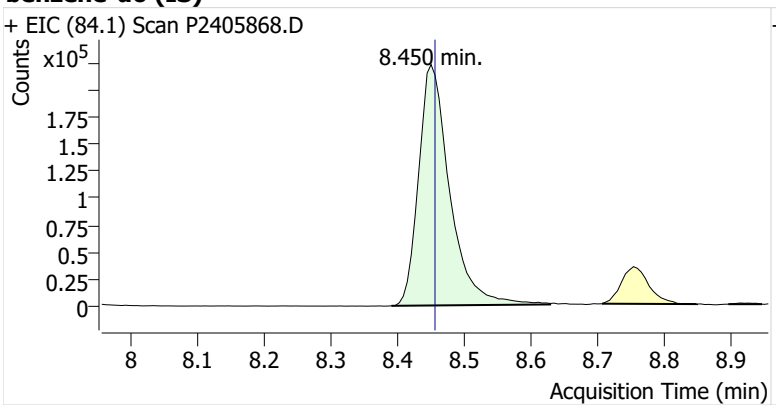
Name	BCKSP-14-S-20240925
Comment	B27822
Data File	P2405868.D
Acq. Date-Time	10/12/2024 4:41:24 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

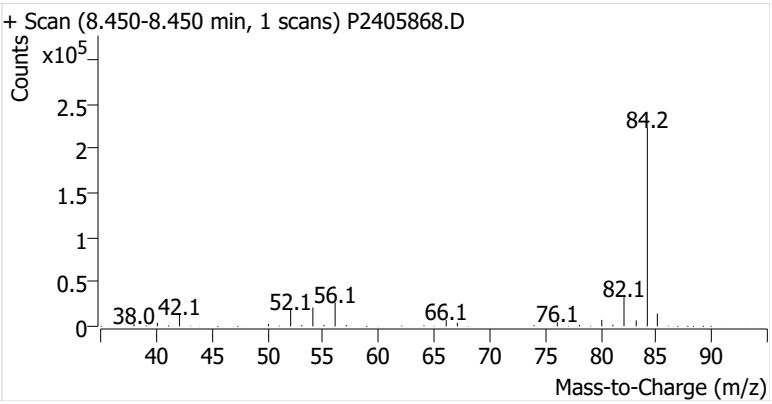
Sample Chromatogram



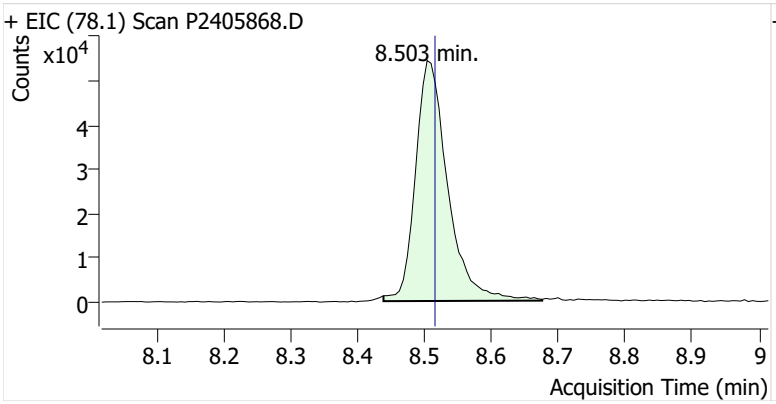
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	720,527	
Benzene	benzene-d6 (IS)	8.503	8.515	182,045	
Toluene-d8 (IS)		11.020	11.032	1,034,398	
Toluene	Toluene-d8 (IS)	11.115	11.121	492,839	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	98,413	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	190,220	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	73,806	

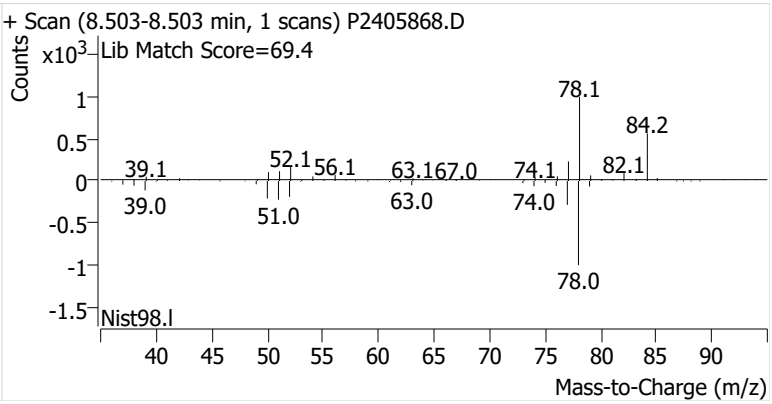
benzene-d6 (IS)



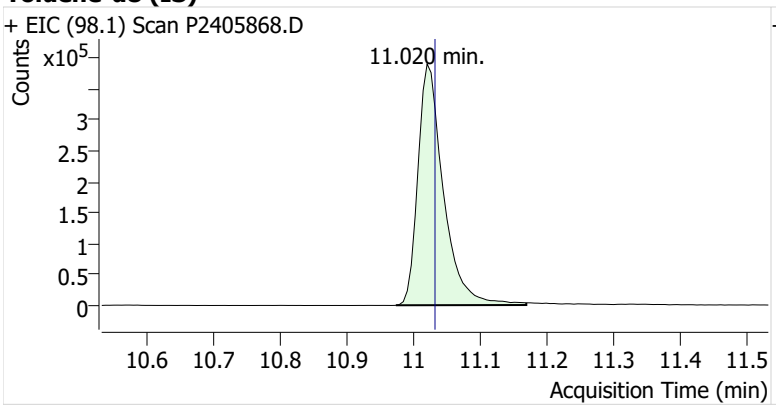


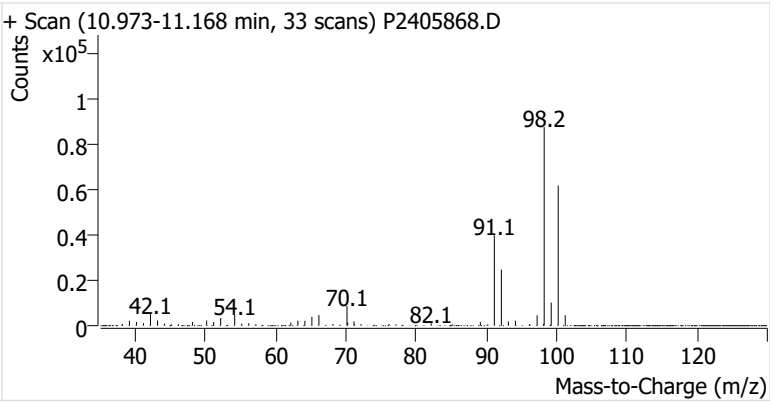
Benzene



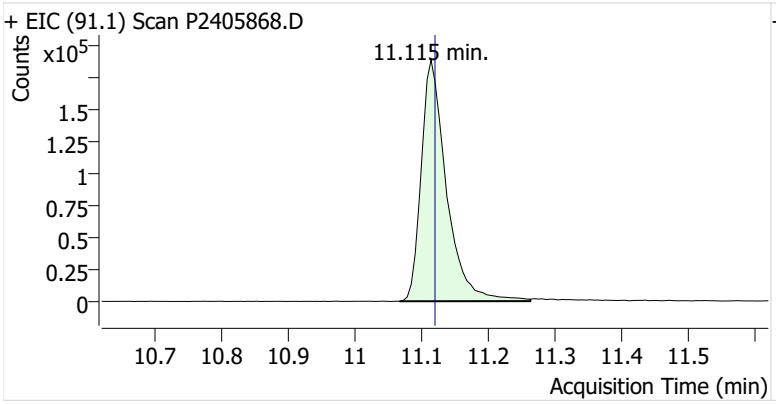


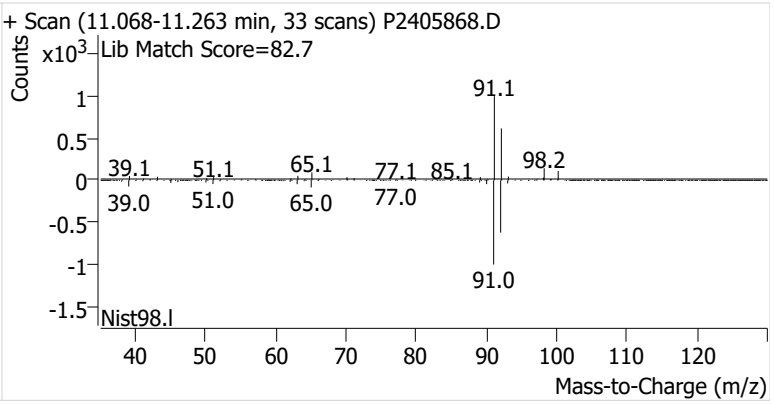
Toluene-d8 (IS)



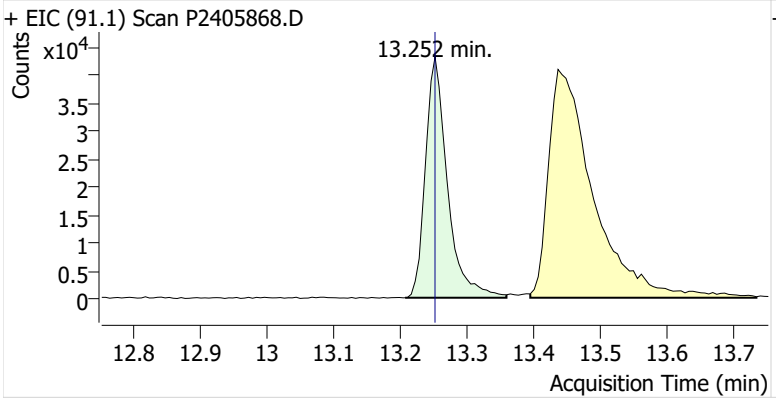


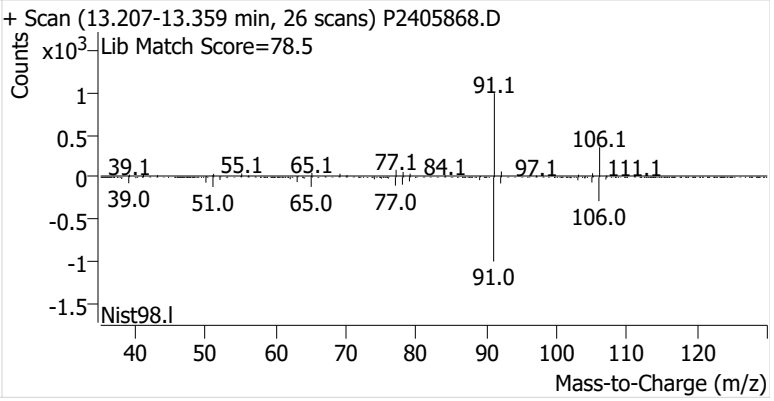
Toluene



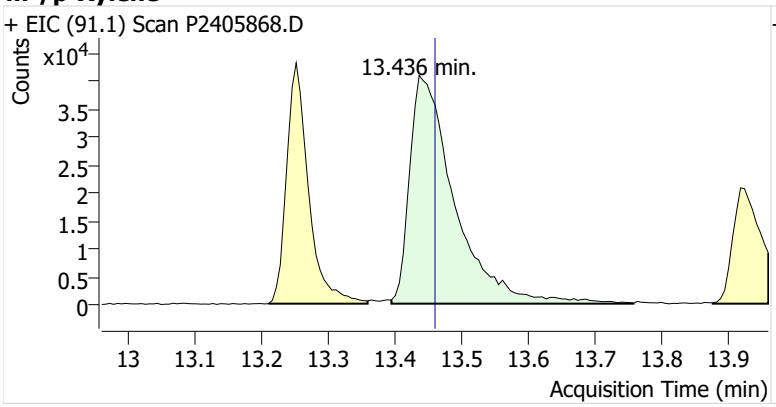


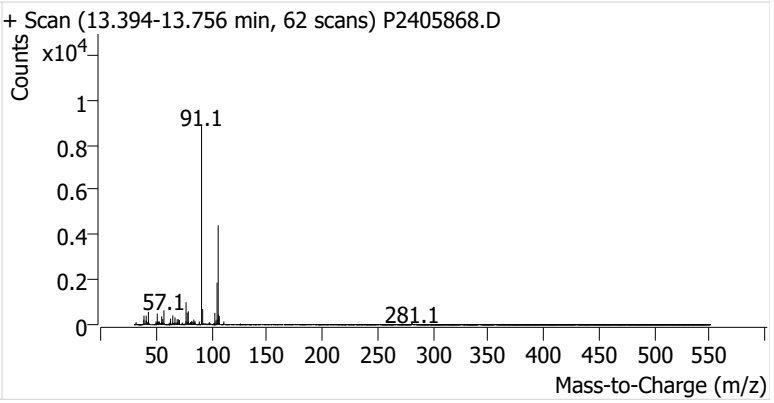
Ethylbenzene



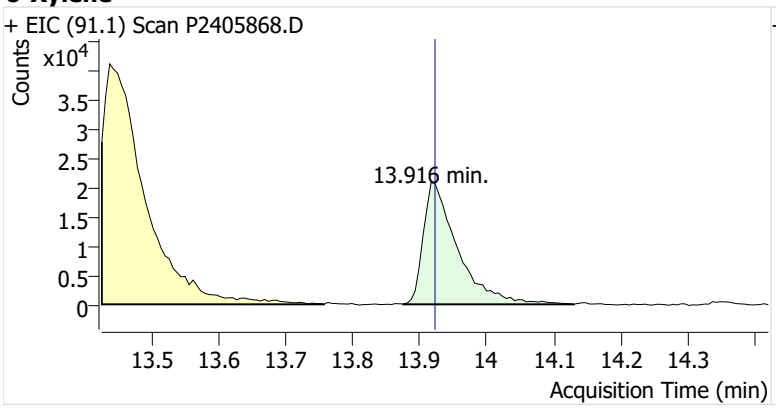


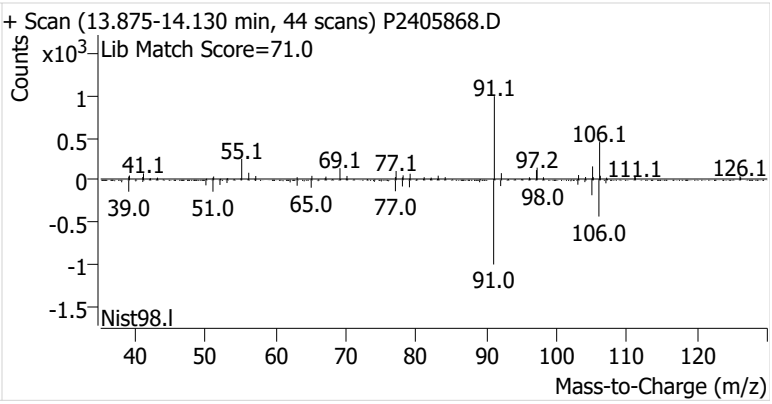
m-/p-Xylene





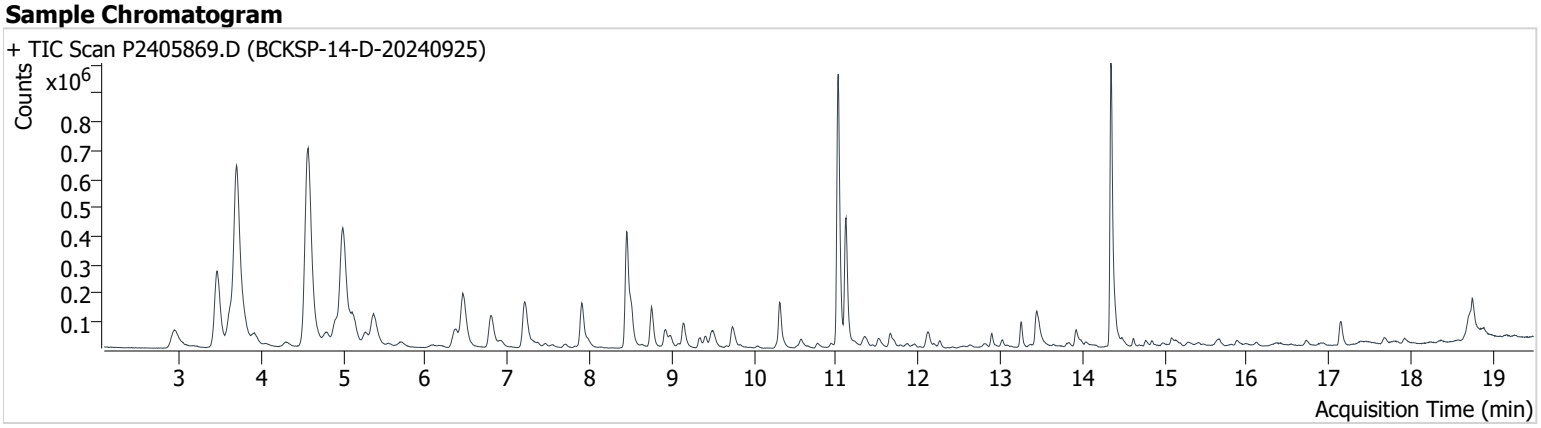
o-Xylene


+ EIC (91.1) Scan P2405868.D
Counts
x10^4
3.5
3
2.5
2
1.5
1
0.5
0
13.916 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.875-14.130 min, 44 scans) P2405868.D
Counts
x10^3
Lib Match Score=71.0
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
55.1
41.1
69.1
77.1
97.2
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

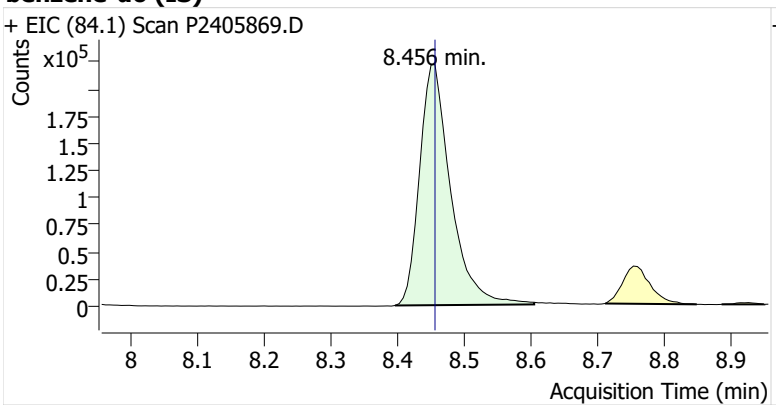
Name	BCKSP-14-D-20240925
Comment	C02046
Data File	P2405869.D
Acq. Date-Time	10/12/2024 5:18:42 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

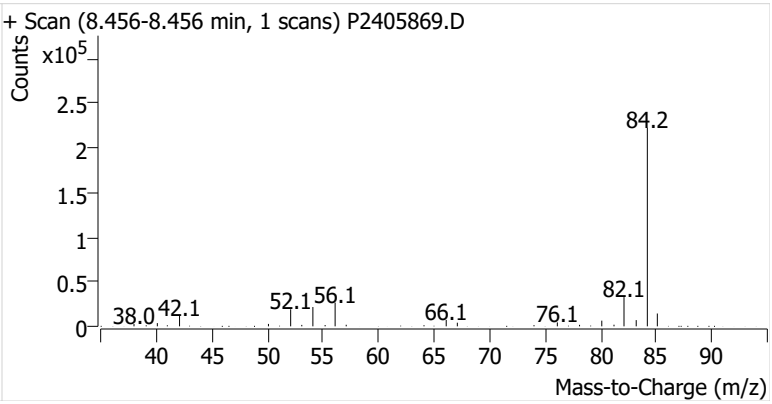
Sample Chromatogram



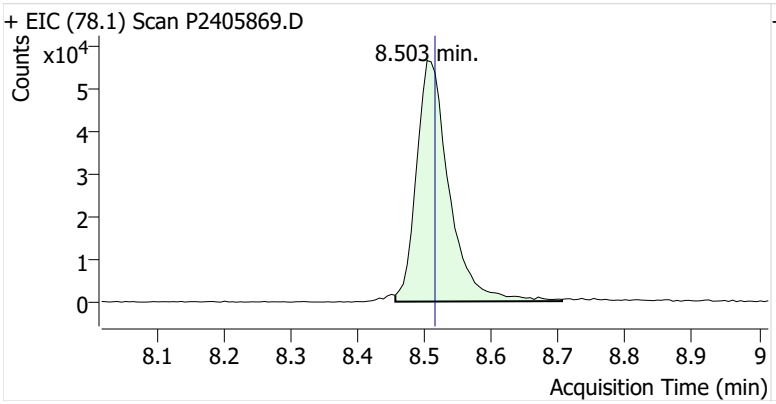
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	718,093	
Benzene	benzene-d6 (IS)	8.503	8.515	191,021	
Toluene-d8 (IS)		11.026	11.032	1,018,500	
Toluene	Toluene-d8 (IS)	11.121	11.121	511,047	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	91,678	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	189,432	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	78,399	

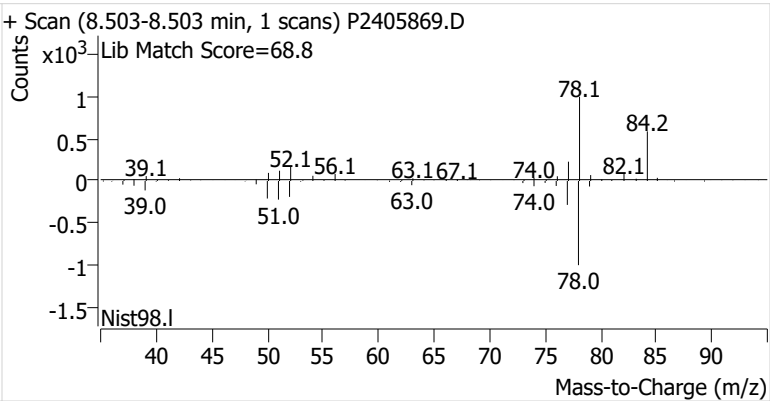
benzene-d6 (IS)



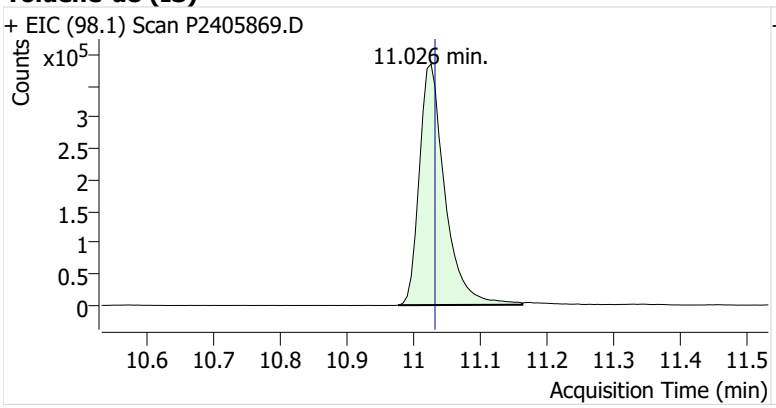


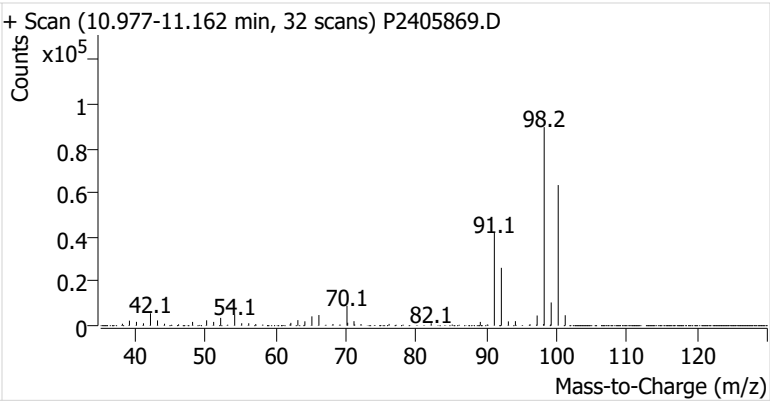
Benzene



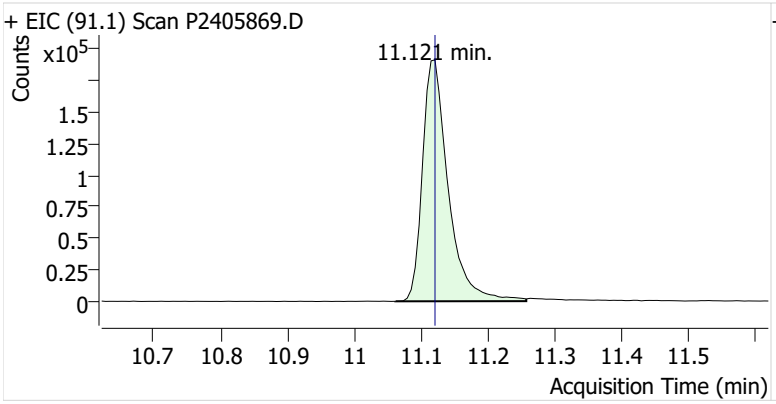


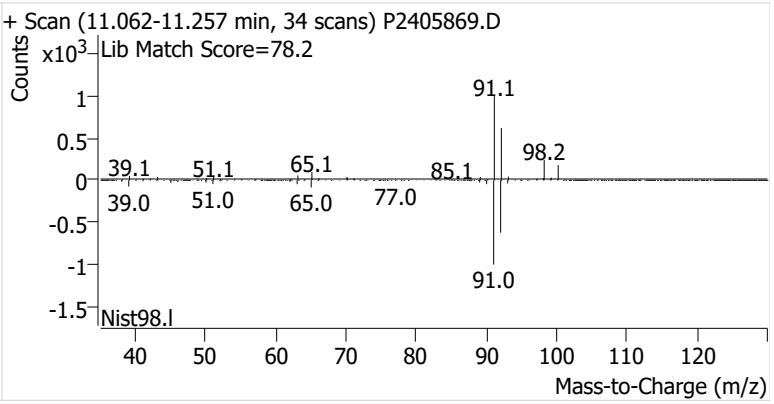
Toluene-d8 (IS)



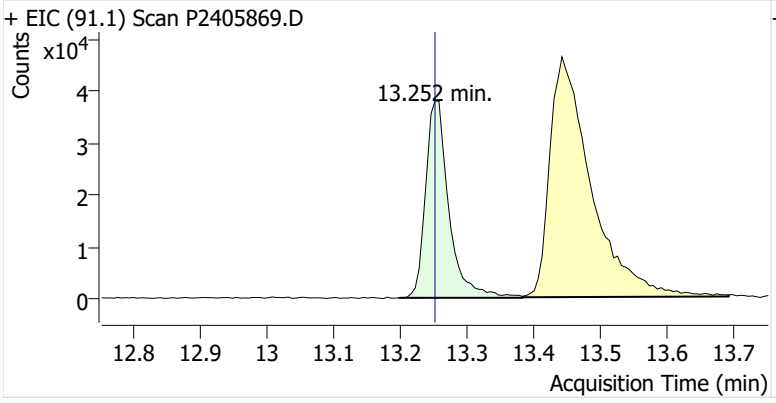


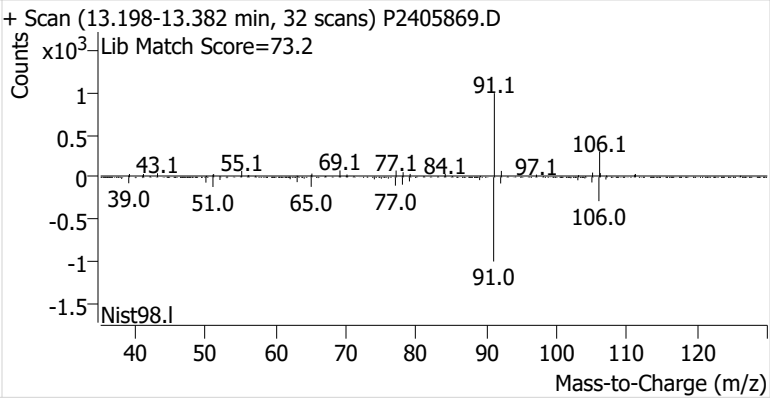
Toluene



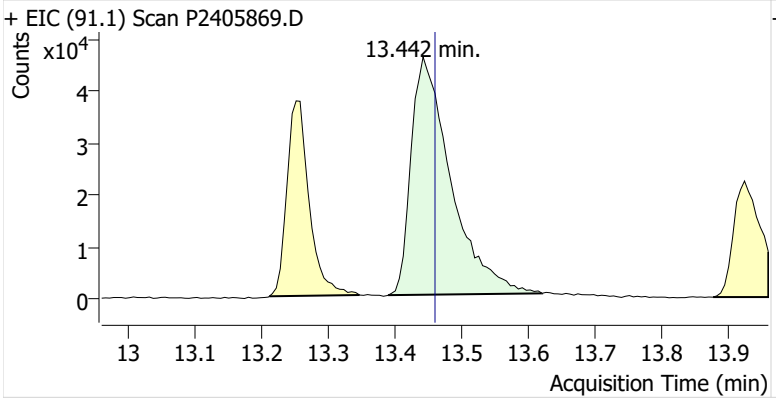


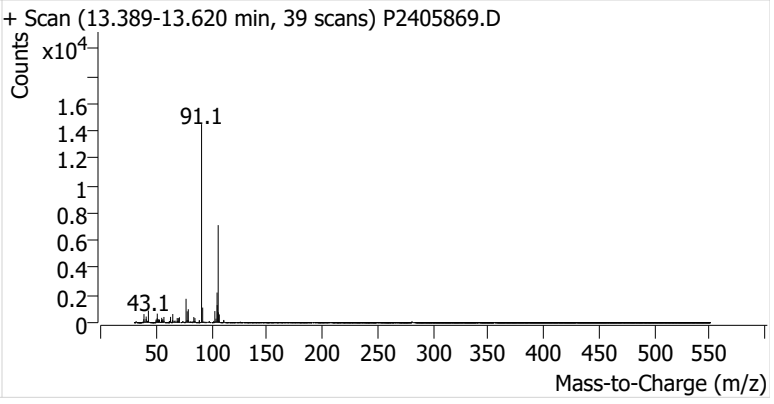
Ethylbenzene



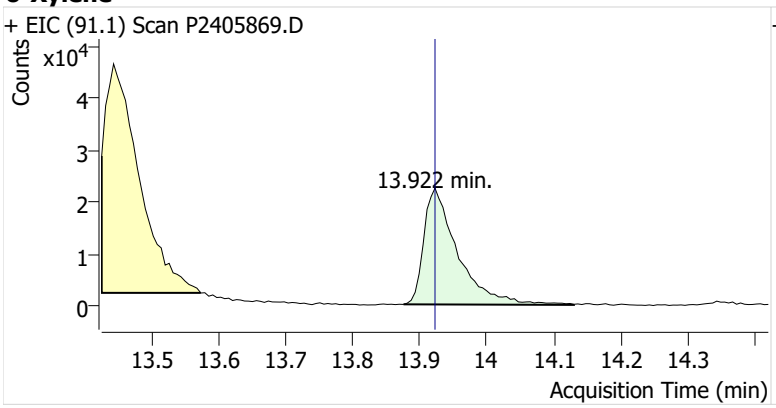


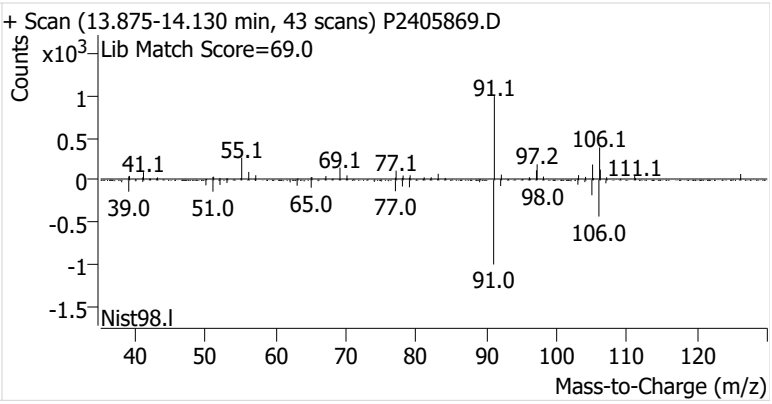
m-/p-Xylene





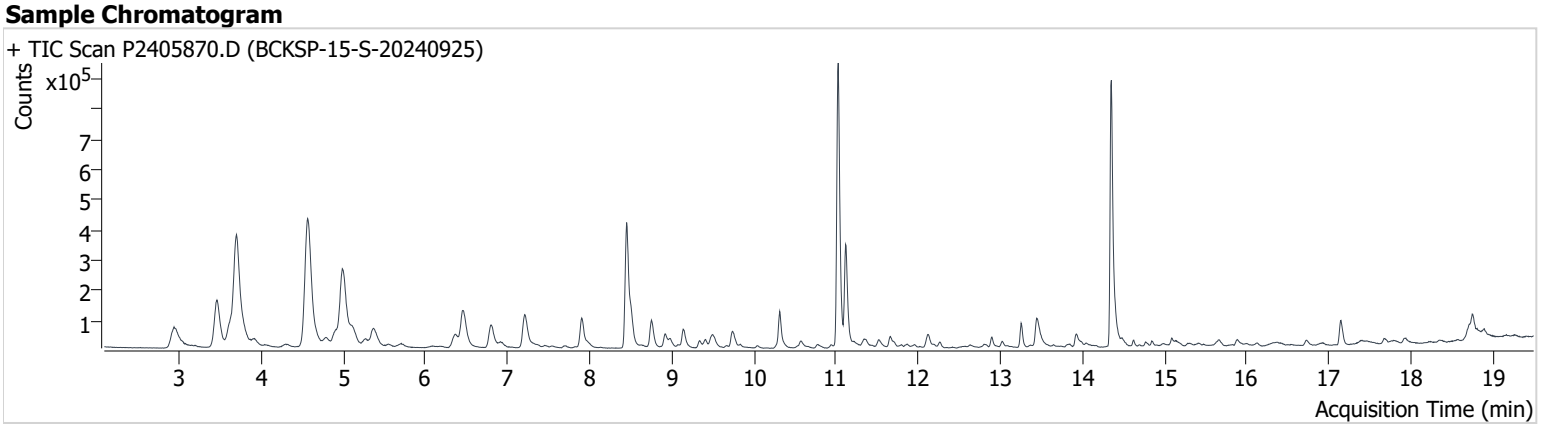
o-Xylene


+ EIC (91.1) Scan P2405869.D
Counts
x10^4
4
3
2
1
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.875-14.130 min, 43 scans) P2405869.D
Lib Match Score=69.0
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

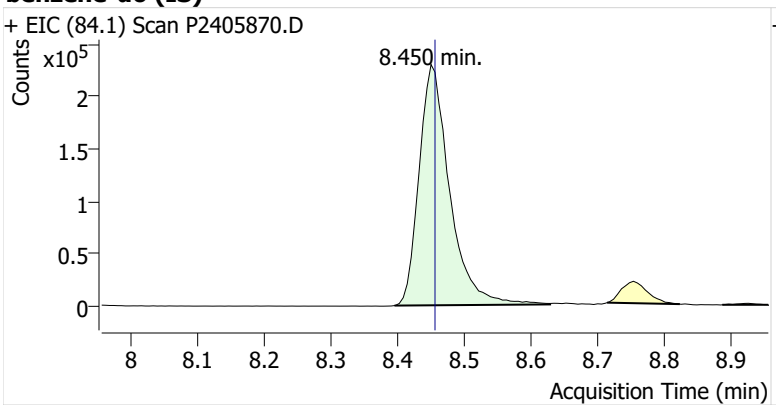
Name	BCKSP-15-S-20240925
Comment	C00762
Data File	P2405870.D
Acq. Date-Time	10/12/2024 5:55:59 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

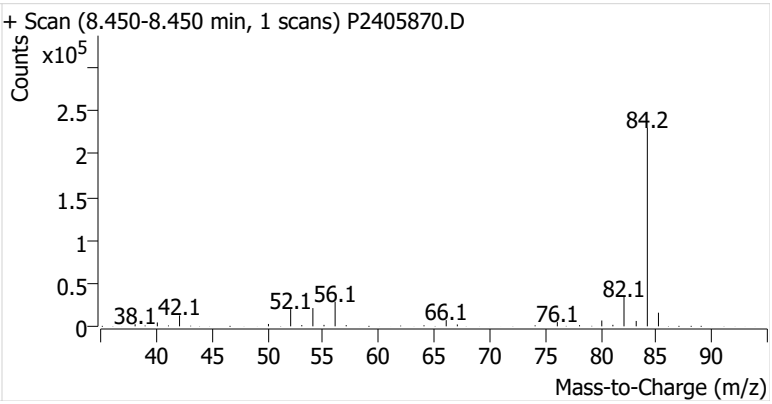
Sample Chromatogram



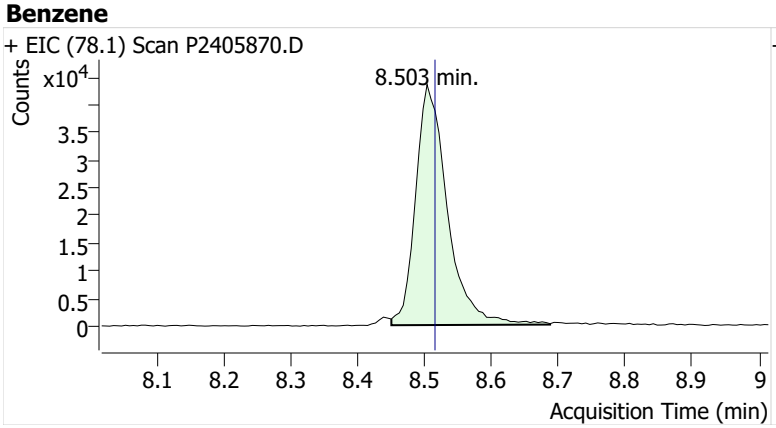
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	729,268	
Benzene	benzene-d6 (IS)	8.503	8.515	143,366	
Toluene-d8 (IS)		11.026	11.032	1,013,324	
Toluene	Toluene-d8 (IS)	11.115	11.121	382,504	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	79,781	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	154,317	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	61,014	

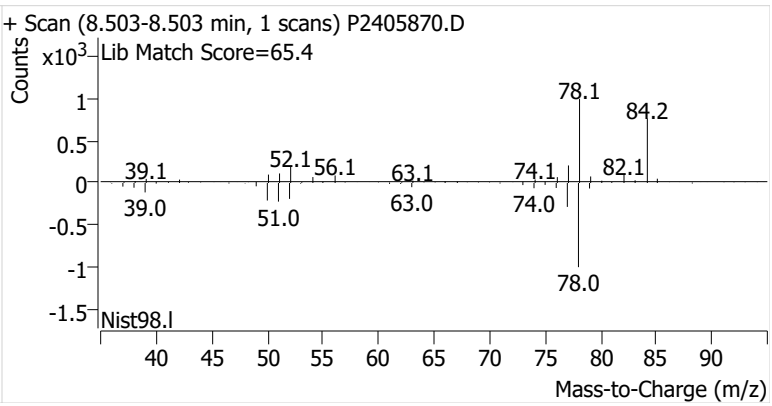
benzene-d6 (IS)



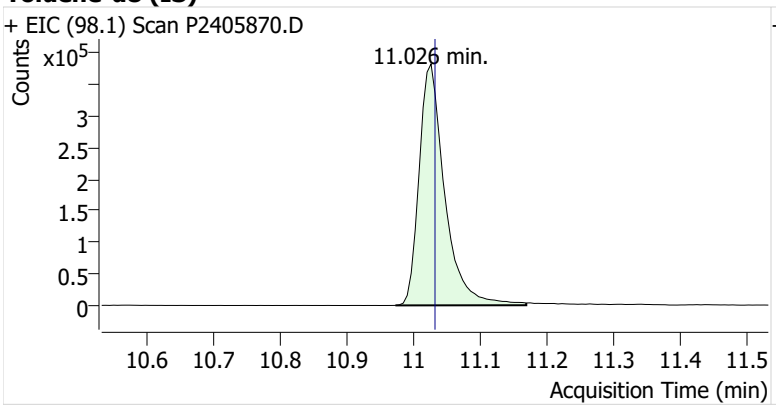


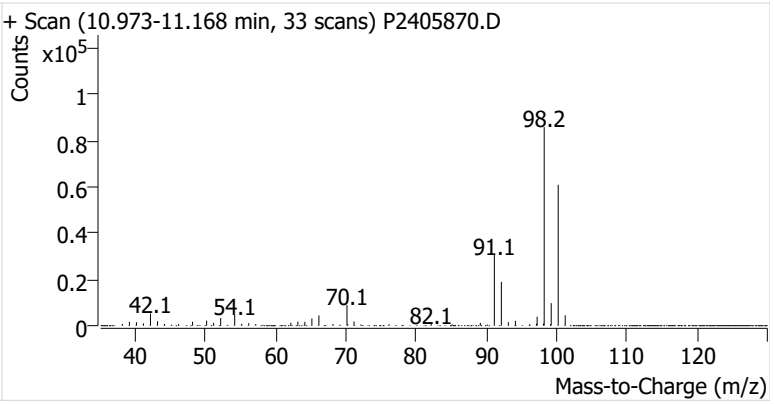
Benzene



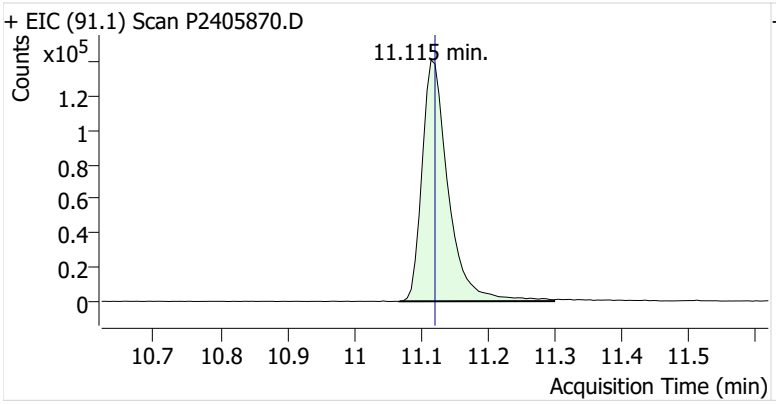


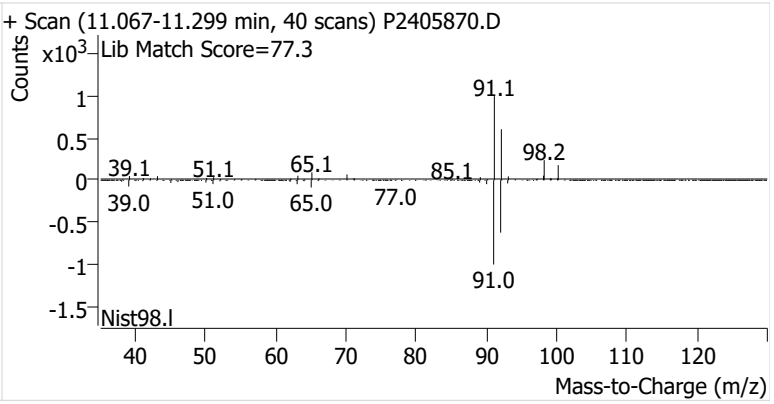
Toluene-d8 (IS)



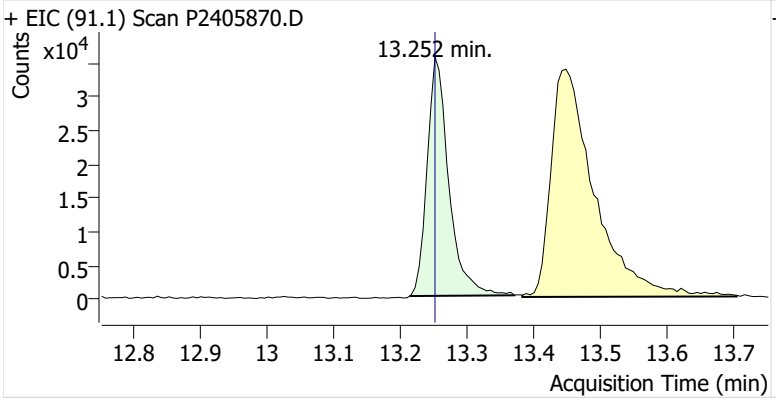


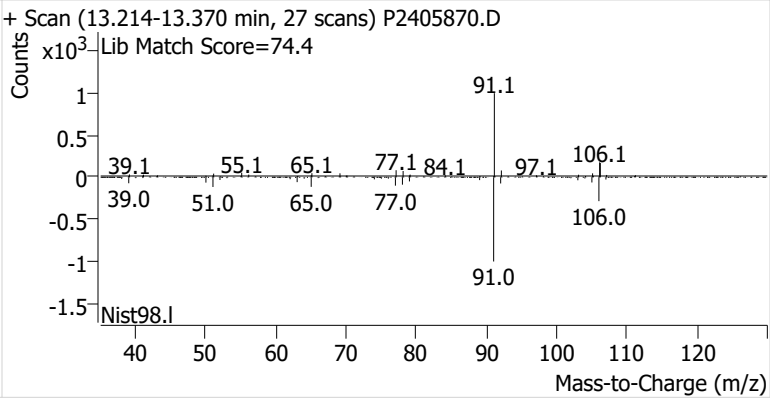
Toluene



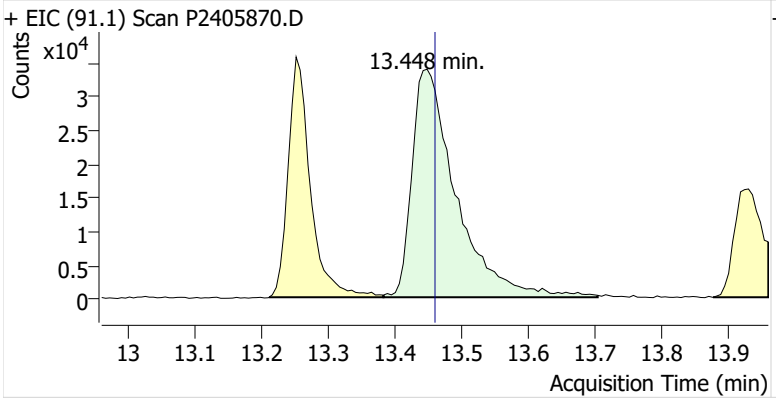


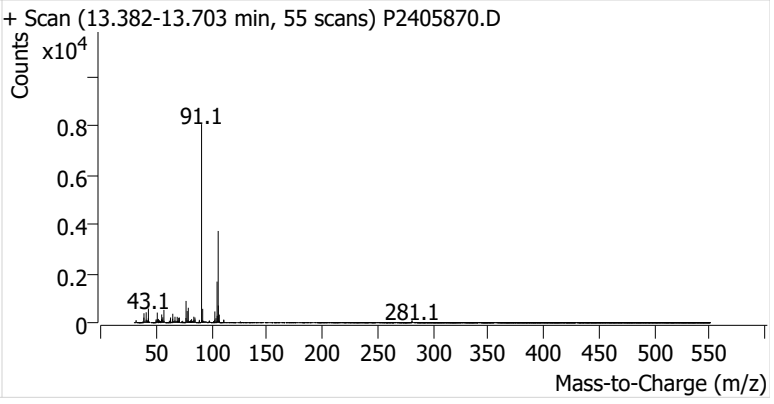
Ethylbenzene



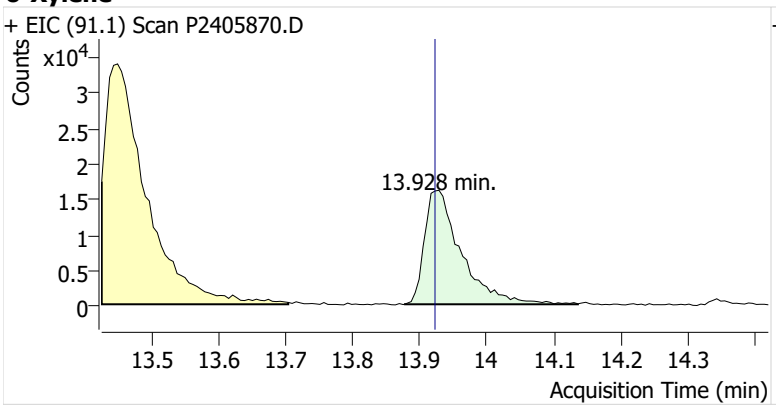


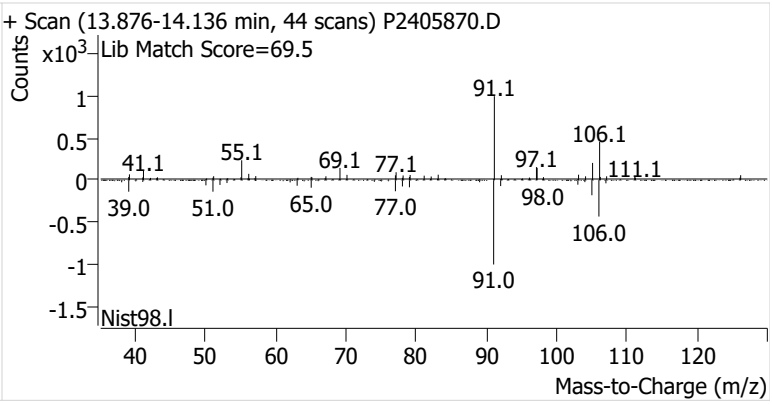
m-/p-Xylene





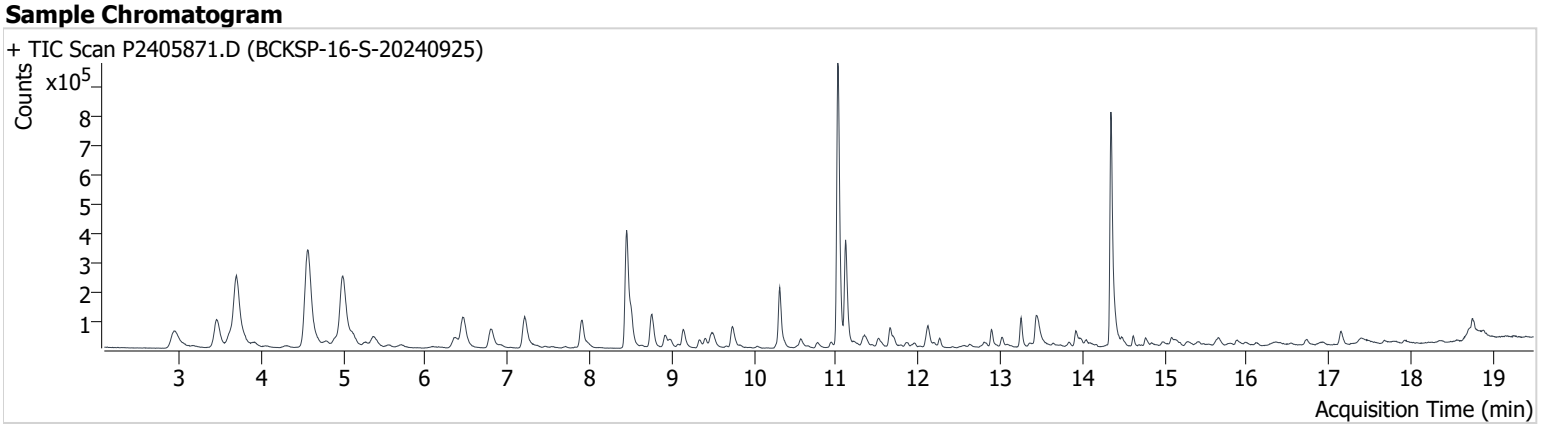
o-Xylene


+ EIC (91.1) Scan P2405870.D
Counts
x10^4
3
2.5
2
1.5
1
0.5
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.876-14.136 min, 44 scans) P2405870.D
Counts
x10^3
Lib Match Score=69.5
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

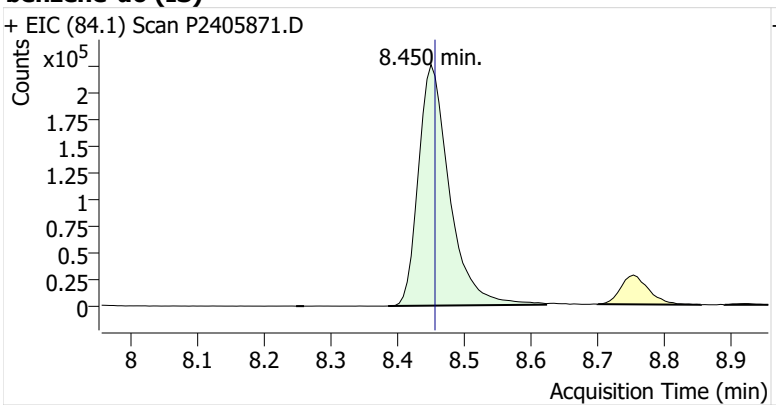
Name	BCKSP-16-S-20240925
Comment	B16988
Data File	P2405871.D
Acq. Date-Time	10/12/2024 6:33:15 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

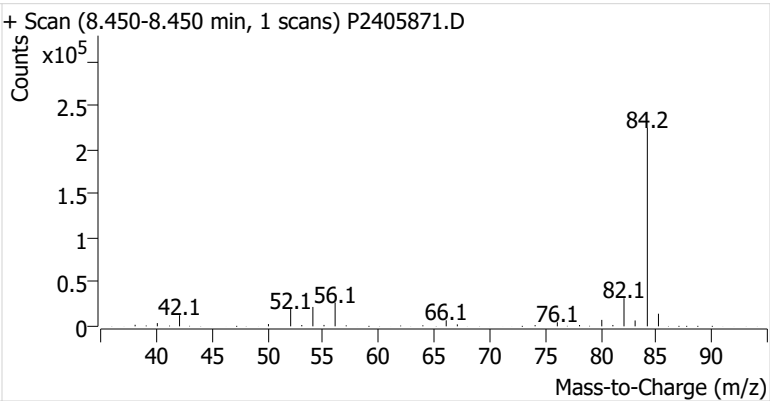
Sample Chromatogram



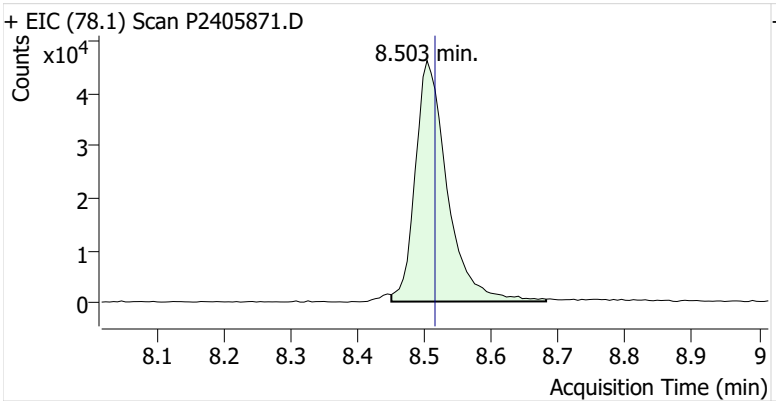
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	724,205	
Benzene	benzene-d6 (IS)	8.503	8.515	153,639	
Toluene-d8 (IS)		11.020	11.032	1,030,090	
Toluene	Toluene-d8 (IS)	11.115	11.121	399,137	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	98,970	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	168,066	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	67,570	

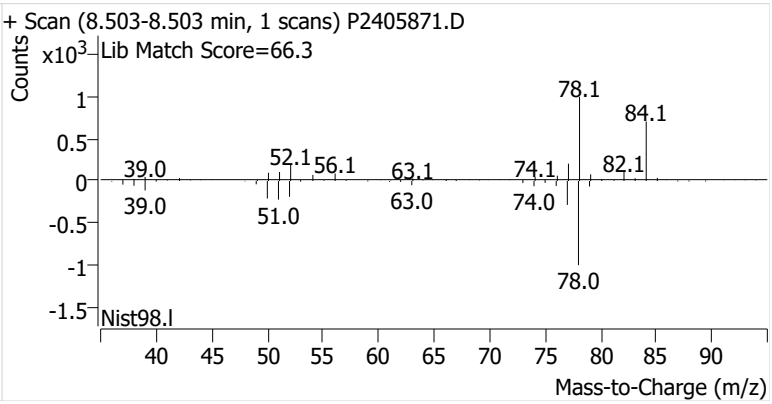
benzene-d6 (IS)



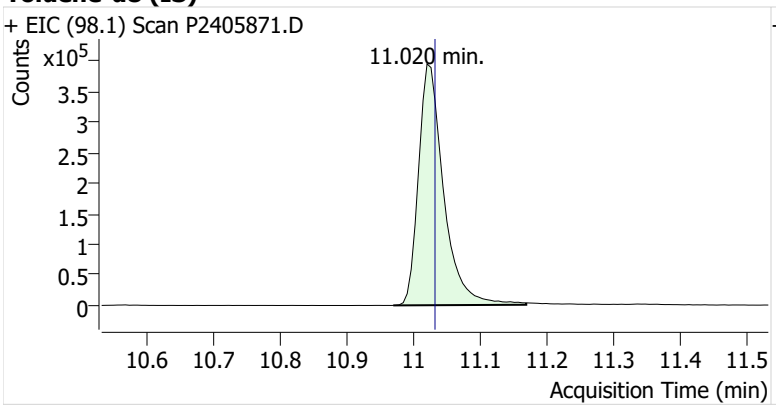


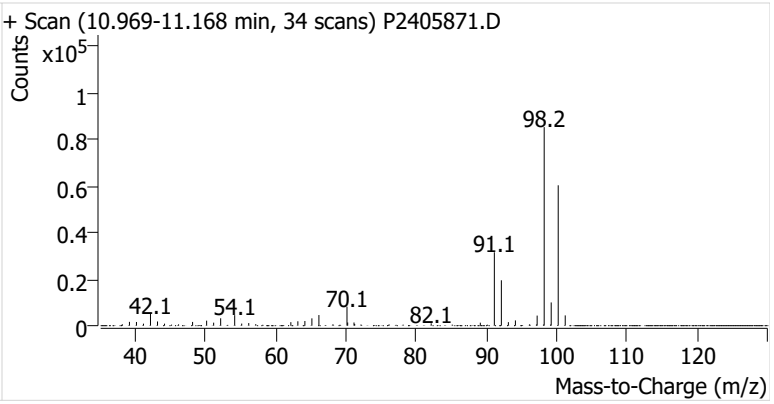
Benzene



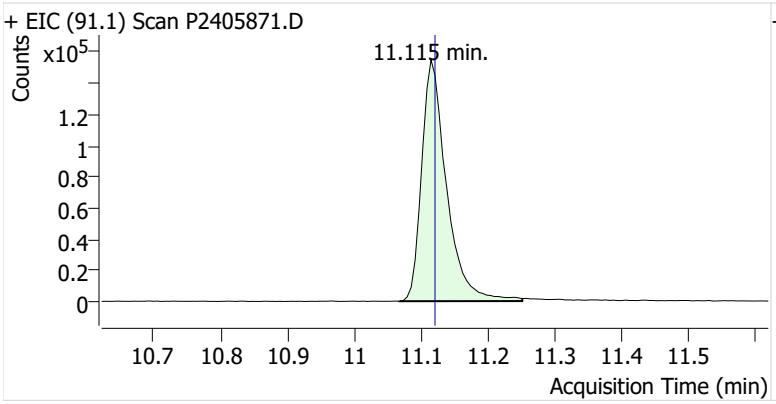


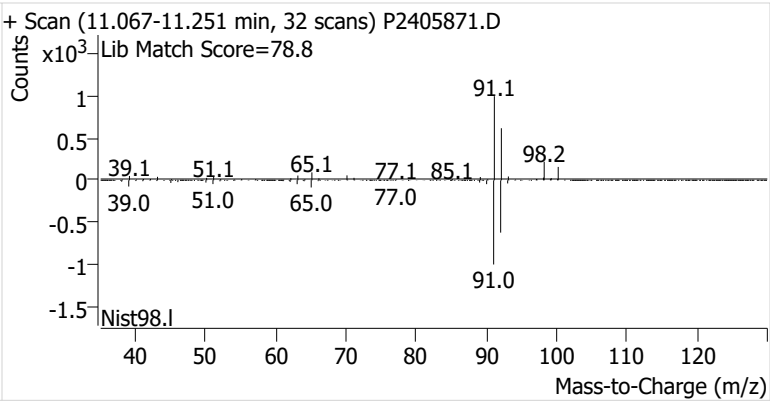
Toluene-d8 (IS)



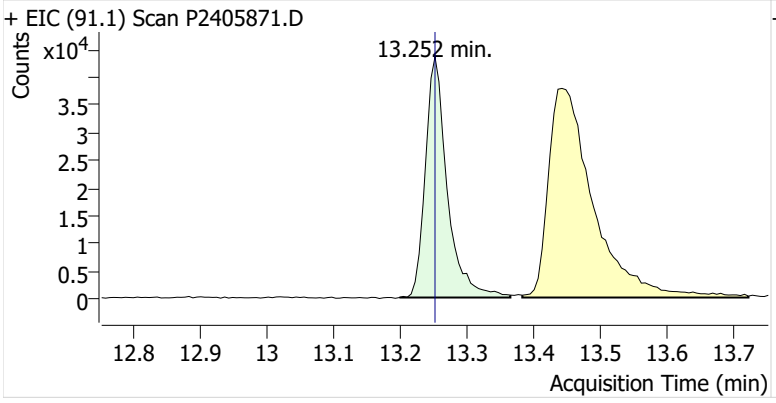


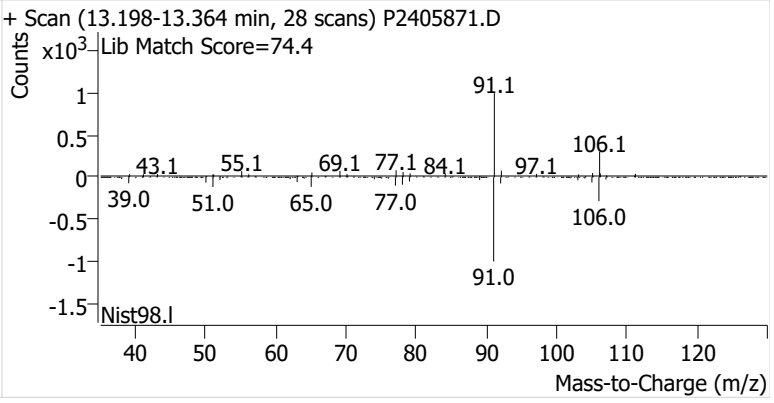
Toluene



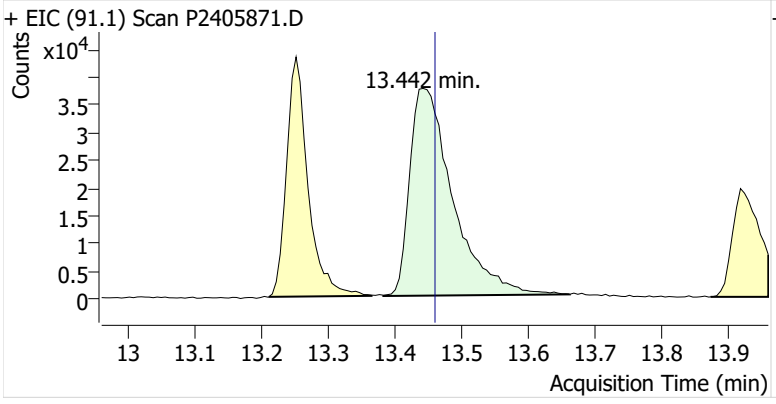


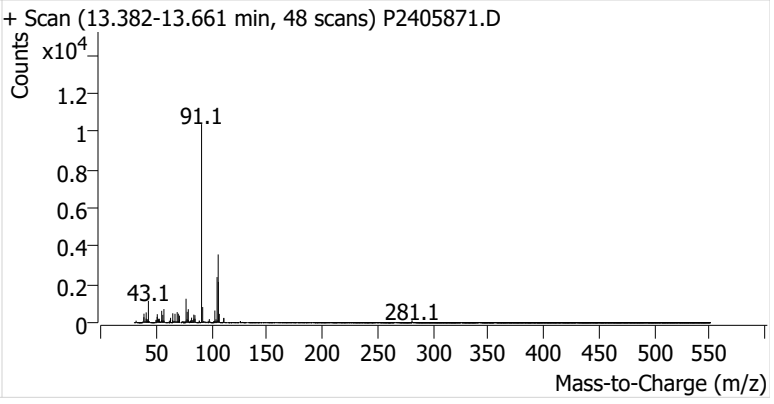
Ethylbenzene



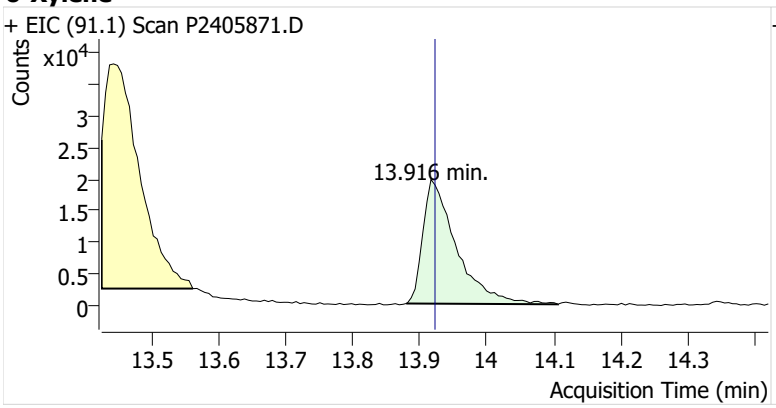


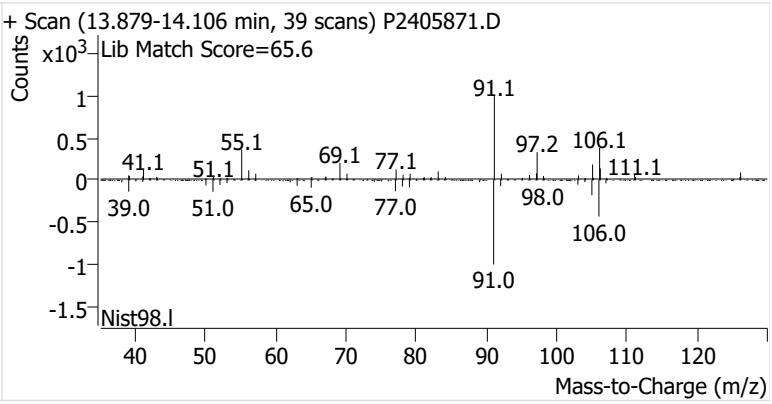
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan P2405871.D
Counts
x10^4
3
2.5
2
1.5
1
0.5
0
13.916 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.879-14.106 min, 39 scans) P2405871.D
Counts
x10^3
Lib Match Score=65.6
1
0.5
0
-0.5
-1
-1.5
91.1
55.1
41.1
51.1
69.1
77.1
97.2
106.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Calibration Summary Reports

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.919	0.979	0.919	-6.2%	-0.70%		Pass	
2024GD401 Method Blank-1	Blank		0.979	0.919			-3.1%	Pass	ND
M325B CCV 5	Check	0.926	0.979	0.919	-5.5%		-1.9%	Pass	
M325B CCV 5	Check	0.944	0.979	0.919	-3.6%		-4.8%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.931	0.951	0.931	-2.0%	-4.5%		Pass	
2024GD401 Method Blank-1	Blank		0.951	0.931			2.4%	Pass	ND
M325B CCV 5	Check	1.002	0.951	0.931	5.4%		-7.0%	Pass	
M325B CCV 5	Check	0.902	0.951	0.931	-5.1%		1.3%	Pass	

m-/p-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.637	0.677	0.637	-5.9%	-4.5%		Pass	
2024GD401 Method Blank-1	Blank		0.677	0.637			2.4%	Pass	ND
M325B CCV 5	Check	0.666	0.677	0.637	-1.7%		-7.0%	Pass	
M325B CCV 5	Check	0.617	0.677	0.637	-8.8%		1.3%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.708	0.720	0.708	-1.7%	-4.5%		Pass	
2024GD401 Method Blank-1	Blank		0.720	0.708			2.4%	Pass	ND
M325B CCV 5	Check	0.721	0.720	0.708	0.075%		-7.0%	Pass	
M325B CCV 5	Check	0.681	0.720	0.708	-5.4%		1.3%	Pass	

Toluene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.865	0.898	0.865	-3.7%	-4.5%		Pass	
2024GD401 Method Blank-1	Blank		0.898	0.865			2.4%	Pass	ND
M325B CCV 5	Check	0.894	0.898	0.865	-0.53%		-7.0%	Pass	
M325B CCV 5	Check	0.833	0.898	0.865	-7.3%		1.3%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	Benzene	1	P2404977.D	5.19	53200	91.7	825638	1.138	16%
P090624A BTEX.quantmethod.xml	Benzene	2	P2404978.D	10.38	91845	91.7	790527	1.026	4.8%
P090624A BTEX.quantmethod.xml	Benzene	3	P2404979.D	20.76	168704	91.7	766300	0.972	-0.72%
P090624A BTEX.quantmethod.xml	Benzene	4	P2404980.D	41.51	319641	91.7	739567	0.954	-2.5%
P090624A BTEX.quantmethod.xml	Benzene	5	P2404981.D	103.78	770808	91.7	741300	0.919	-6.2%
P090624A BTEX.quantmethod.xml	Benzene	6	P2404982.D	207.57	1506802	91.7	718096	0.927	-5.4%
P090624A BTEX.quantmethod.xml	Benzene	7	P2404983.D	622.70	4556203	91.7	729727	0.919	-6.1%
						Avg:	758736	0.979	
						%RSD:	5.0%	8.2%	
P090624A BTEX.quantmethod.xml	Ethylbenzene	1	P2404977.D	5.33	56151	108.1	1169254	0.974	2.4%
P090624A BTEX.quantmethod.xml	Ethylbenzene	2	P2404978.D	10.67	105621	108.1	1107038	0.967	1.7%
P090624A BTEX.quantmethod.xml	Ethylbenzene	3	P2404979.D	21.33	219430	108.1	1067634	1.042	9.6%
P090624A BTEX.quantmethod.xml	Ethylbenzene	4	P2404980.D	42.67	414505	108.1	1079066	0.973	2.4%
P090624A BTEX.quantmethod.xml	Ethylbenzene	5	P2404981.D	106.66	889663	108.1	1042115	0.865	-9.0%
P090624A BTEX.quantmethod.xml	Ethylbenzene	6	P2404982.D	213.33	1888178	108.1	1053728	0.908	-4.5%
P090624A BTEX.quantmethod.xml	Ethylbenzene	7	P2404983.D	639.99	5839841	108.1	1066774	0.925	-2.7%
						Avg:	1083659	0.951	
						%RSD:	4.0%	6.0%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	m-/p-Xylene	1	P2404977.D	5.37	41219	108.1	1169254	0.710	4.9%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	2	P2404978.D	10.74	70608	108.1	1107038	0.642	-5.1%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	3	P2404979.D	21.47	173334	108.1	1067634	0.817	21%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	4	P2404980.D	42.95	287337	108.1	1079066	0.670	-0.95%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	5	P2404981.D	107.36	601872	108.1	1042115	0.582	-14%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	6	P2404982.D	214.73	1307488	108.1	1053728	0.625	-7.7%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	7	P2404983.D	644.18	4394447	108.1	1066774	0.691	2.1%
						Avg:	1083659	0.677	
						%RSD:	4.0%	11%	
P090624A BTEX.quantmethod.xml	o-Xylene	1	P2404977.D	5.40	44196	108.1	1169254	0.757	5.1%
P090624A BTEX.quantmethod.xml	o-Xylene	2	P2404978.D	10.80	82293	108.1	1107038	0.745	3.4%
P090624A BTEX.quantmethod.xml	o-Xylene	3	P2404979.D	21.59	162748	108.1	1067634	0.763	6.0%
P090624A BTEX.quantmethod.xml	o-Xylene	4	P2404980.D	43.18	323877	108.1	1079066	0.752	4.4%
P090624A BTEX.quantmethod.xml	o-Xylene	5	P2404981.D	107.95	690821	108.1	1042115	0.664	-7.8%
P090624A BTEX.quantmethod.xml	o-Xylene	6	P2404982.D	215.90	1404667	108.1	1053728	0.668	-7.3%
P090624A BTEX.quantmethod.xml	o-Xylene	7	P2404983.D	647.71	4429477	108.1	1066774	0.693	-3.8%
						Avg:	1083659	0.720	
						%RSD:	4.0%	6.1%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD401-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	Toluene	1	P2404977.D	5.39	60242	108.1	1169254	1.034	15%
P090624A BTEX.quantmethod.xml	Toluene	2	P2404978.D	10.78	103782	108.1	1107038	0.940	4.7%
P090624A BTEX.quantmethod.xml	Toluene	3	P2404979.D	21.56	201417	108.1	1067634	0.946	5.3%
P090624A BTEX.quantmethod.xml	Toluene	4	P2404980.D	43.11	378117	108.1	1079066	0.879	-2.2%
P090624A BTEX.quantmethod.xml	Toluene	5	P2404981.D	107.78	866654	108.1	1042115	0.834	-7.1%
P090624A BTEX.quantmethod.xml	Toluene	6	P2404982.D	215.56	1738243	108.1	1053728	0.827	-7.9%
P090624A BTEX.quantmethod.xml	Toluene	7	P2404983.D	646.68	5279870	108.1	1066774	0.828	-7.9%
						Avg:	1083659	0.898	
						%RSD:	4.0%	8.7%	
P090624A BTEX.quantmethod.xml	Benzene	ICV	P2404984.D	63.61	412010	91.7	731399	0.812	-17%
P090624A BTEX.quantmethod.xml	Ethylbenzene	ICV	P2404984.D	85.41	703130	108.1	1042671	0.854	-10%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	ICV	P2404984.D	88.90	563818	108.1	1042671	0.658	-2.8%
P090624A BTEX.quantmethod.xml	o-Xylene	ICV	P2404984.D	87.50	558957	108.1	1042671	0.662	-8%
P090624A BTEX.quantmethod.xml	Toluene	ICV	P2404984.D	75.87	552004	108.1	1042671	0.754	-16%

This Is The Last Page Of This Report.

Buckeye – South Portland

170 Lincoln Street
South Portland, ME 04106

Sampling Event 6
PROJ-031334

Analytical Report
(2024GD402)

EPA Method 325B
Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene

Report Submitted By:
Montrose Air Quality Services LLC – Pine Brook, NJ

Enthalpy Analytical, LLC
Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of a report are not taken out of context.

Report Issued: 11/05/2024

ENTHALPY ANALYTICAL

Summary of Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Summary

Sample Code	Tube ID	Benzene (ug/m³)	Flag	Ethylbenzene (ug/m³)	Flag	m-/p-Xylenes (ug/m³)	Flag	o-Xylene (ug/m³)	Flag	Toluene (ug/m³)	Flag
BCKSP-1-S-20241009	C43278	1.32		0.921	J	3.40	P	1.31	Pc	4.84	
BCKSP-2-S-20241009	C40548	1.78		1.41		4.98	P	1.78	Pc	7.77	
BCKSP-3-S-20241009	B15144	1.85		1.91		5.38	P	2.04	Pc	8.66	
BCKSP-4-S-20241009	B20977	1.45		1.25		3.73	P	1.43	Pc	6.31	
BCKSP-5-S-20241009	B43930	1.95		1.58		4.93	P	1.88	Pc	8.84	
BCKSP-5-D-20241009	B48134	2.23		1.54		5.05	P	1.92	Pc	8.64	
BCKSP-5-B-20241009	C01353		ND		ND		ND,P		ND,Pc		ND
BCKSP-6-S-20241009	B19770	3.49		2.39		8.83	P	3.35	Pc	15.3	
BCKSP-7-S-20241009	C01496	5.93		4.45		16.2	P	6.13	Pc	28.1	
BCKSP-8-S-20241009	B28960	10.5		6.65		21.1	P	7.77	Pc	45.6	
BCKSP-9-S-20241009	B42760	10.0		4.70		13.7	P	4.83	Pc	37.3	
BCKSP-10-S-20241009	C33473	8.36		3.37		9.74	P	3.37	Pc	27.9	
BCKSP-11-S-20241009	C01376	4.80		2.21		5.42	P	2.00	Pc	15.8	
BCKSP-12-S-20241009	C37926	4.33		2.42		7.52	P	2.76	Pc	15.7	
BCKSP-13-S-20241009	C53687	2.84		1.54		4.70	P	1.62	Pc	10.4	
BCKSP-14-S-20241009	C43681	1.33		0.937	J	3.72	P	1.38	Pc	4.94	
BCKSP-14-D-20241009	B52762	1.32		0.746	J	1.87	P	0.667	J,Pc	4.76	
BCKSP-14-B-20241009	C32949		ND		ND		ND,P		ND,Pc		ND
BCKSP-15-S-20241009	C16102	1.23		1.07	J	2.42	P	0.856	J,Pc	4.83	
BCKSP-16-S-20241009	C40663	1.19		1.06	J	4.05	P	1.46	Pc	5.03	

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241009	C43278	1.32	0.414	17.4	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-2-S-20241009	C40548	1.78	0.556	23.4	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-3-S-20241009	B15144	1.85	0.581	24.4	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-4-S-20241009	B20977	1.45	0.454	19.1	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-5-S-20241009	B43930	1.95	0.610	25.7	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-5-D-20241009	B48134	2.23	0.698	29.4	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-5-B-20241009	C01353				49.0	0.652	20,190	0.190	0.376	0.0595	0.118	ND
BCKSP-6-S-20241009	B19770	3.49	1.09	45.9	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-7-S-20241009	C01496	5.93	1.86	78.1	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-8-S-20241009	B28960	10.5	3.28	138	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-9-S-20241009	B42760	10.0	3.15	132	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-10-S-20241009	C33473	8.36	2.62	110	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-11-S-20241009	C01376	4.80	1.50	63.3	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-12-S-20241009	C37926	4.33	1.36	57.0	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-13-S-20241009	C53687	2.84	0.890	37.4	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-14-S-20241009	C43681	1.33	0.416	17.5	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-14-D-20241009	B52762	1.32	0.415	17.5	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	
BCKSP-14-B-20241009	C32949				49.0	0.652	20,190	0.190	0.376	0.0595	0.118	ND
BCKSP-15-S-20241009	C16102	1.23	0.385	16.2	49.0	0.652	20,195	0.190	0.376	0.0594	0.118	
BCKSP-16-S-20241009	C40663	1.19	0.373	15.7	49.0	0.652	20,190	0.190	0.376	0.0595	0.118	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241009	C43278	0.921	0.212	8.32	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	J
BCKSP-2-S-20241009	C40548	1.41	0.325	12.7	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-3-S-20241009	B15144	1.91	0.440	17.3	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-4-S-20241009	B20977	1.25	0.289	11.3	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-5-S-20241009	B43930	1.58	0.365	14.3	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-5-D-20241009	B48134	1.54	0.356	14.0	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-5-B-20241009	C01353				49.0	0.448	20,190	0.276	1.14	0.0637	0.262	ND
BCKSP-6-S-20241009	B19770	2.39	0.551	21.6	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-7-S-20241009	C01496	4.45	1.03	40.2	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-8-S-20241009	B28960	6.65	1.53	60.1	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-9-S-20241009	B42760	4.70	1.08	42.5	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-10-S-20241009	C33473	3.37	0.776	30.5	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-11-S-20241009	C01376	2.21	0.510	20.0	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-12-S-20241009	C37926	2.42	0.558	21.9	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-13-S-20241009	C53687	1.54	0.354	13.9	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	
BCKSP-14-S-20241009	C43681	0.937	0.216	8.47	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	J
BCKSP-14-D-20241009	B52762	0.746	0.172	6.75	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	J
BCKSP-14-B-20241009	C32949				49.0	0.448	20,190	0.276	1.14	0.0637	0.262	ND
BCKSP-15-S-20241009	C16102	1.07	0.246	9.64	49.0	0.448	20,195	0.276	1.14	0.0637	0.262	J
BCKSP-16-S-20241009	C40663	1.06	0.245	9.62	49.0	0.448	20,190	0.276	1.14	0.0637	0.262	J

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241009	C43278	3.40	0.783	30.7	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-2-S-20241009	C40548	4.98	1.15	45.1	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-3-S-20241009	B15144	5.38	1.24	48.6	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-4-S-20241009	B20977	3.73	0.861	33.8	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-5-S-20241009	B43930	4.93	1.14	44.5	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-5-D-20241009	B48134	5.05	1.16	45.7	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-5-B-20241009	C01353				49.0	0.448	20,190	0.276	0.537	0.0637	0.124	ND,P
BCKSP-6-S-20241009	B19770	8.83	2.03	79.8	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-7-S-20241009	C01496	16.2	3.73	147	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-8-S-20241009	B28960	21.1	4.87	191	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-9-S-20241009	B42760	13.7	3.16	124	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-10-S-20241009	C33473	9.74	2.24	88.0	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-11-S-20241009	C01376	5.42	1.25	49.1	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-12-S-20241009	C37926	7.52	1.73	68.0	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-13-S-20241009	C53687	4.70	1.08	42.5	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-14-S-20241009	C43681	3.72	0.857	33.6	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-14-D-20241009	B52762	1.87	0.432	17.0	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P
BCKSP-14-B-20241009	C32949				49.0	0.448	20,190	0.276	0.537	0.0637	0.124	ND,P
BCKSP-15-S-20241009	C16102	2.42	0.558	21.9	49.0	0.448	20,195	0.276	0.537	0.0637	0.124	P
BCKSP-16-S-20241009	C40663	4.05	0.933	36.6	49.0	0.448	20,190	0.276	0.537	0.0637	0.124	P

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241009	C43278	1.31	0.303	11.9	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-2-S-20241009	C40548	1.78	0.411	16.1	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-3-S-20241009	B15144	2.04	0.470	18.5	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-4-S-20241009	B20977	1.43	0.329	12.9	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-5-S-20241009	B43930	1.88	0.432	17.0	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-5-D-20241009	B48134	1.92	0.442	17.4	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-5-B-20241009	C01353				49.0	0.448	20,190	0.276	1.12	0.0637	0.258	ND,Pc
BCKSP-6-S-20241009	B19770	3.35	0.771	30.3	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-7-S-20241009	C01496	6.13	1.41	55.4	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-8-S-20241009	B28960	7.77	1.79	70.3	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-9-S-20241009	B42760	4.83	1.11	43.7	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-10-S-20241009	C33473	3.37	0.777	30.5	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-11-S-20241009	C01376	2.00	0.460	18.0	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-12-S-20241009	C37926	2.76	0.635	24.9	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-13-S-20241009	C53687	1.62	0.374	14.7	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-14-S-20241009	C43681	1.38	0.318	12.5	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc
BCKSP-14-D-20241009	B52762	0.667	0.154	6.03	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	J,Pc
BCKSP-14-B-20241009	C32949				49.0	0.448	20,190	0.276	1.12	0.0637	0.258	ND,Pc
BCKSP-15-S-20241009	C16102	0.856	0.197	7.74	49.0	0.448	20,195	0.276	1.12	0.0637	0.258	J,Pc
BCKSP-16-S-20241009	C40663	1.46	0.337	13.2	49.0	0.448	20,190	0.276	1.12	0.0637	0.258	Pc

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241009	C43278	4.84	1.29	49.5	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-2-S-20241009	C40548	7.77	2.06	79.4	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-3-S-20241009	B15144	8.66	2.30	88.5	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-4-S-20241009	B20977	6.31	1.68	64.5	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-5-S-20241009	B43930	8.84	2.35	90.3	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-5-D-20241009	B48134	8.64	2.30	88.4	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-5-B-20241009	C01353				49.0	0.506	20,190	0.245	0.523	0.0649	0.139	ND
BCKSP-6-S-20241009	B19770	15.3	4.05	156	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-7-S-20241009	C01496	28.1	7.45	287	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-8-S-20241009	B28960	45.6	12.1	466	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-9-S-20241009	B42760	37.3	9.92	382	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-10-S-20241009	C33473	27.9	7.41	285	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-11-S-20241009	C01376	15.8	4.19	161	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-12-S-20241009	C37926	15.7	4.18	161	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-13-S-20241009	C53687	10.4	2.75	106	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-14-S-20241009	C43681	4.94	1.31	50.5	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-14-D-20241009	B52762	4.76	1.26	48.6	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	
BCKSP-14-B-20241009	C32949				49.0	0.506	20,190	0.245	0.523	0.0649	0.139	ND
BCKSP-15-S-20241009	C16102	4.83	1.28	49.4	49.0	0.506	20,195	0.245	0.523	0.0649	0.139	
BCKSP-16-S-20241009	C40663	5.03	1.33	51.4	49.0	0.506	20,190	0.245	0.523	0.0649	0.139	

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		m-/p-Xylenes		o-Xylene		Toluene	
Blanks (ug/m³)	BCKSP-5-B-20241009	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	BCKSP-14-B-20241009	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	BCKSP-5-D-20241009	13%	Pass	2.6%	Pass	2.5%	Pass	2.3%	Pass	2.2%	Pass
	BCKSP-14-D-20241009	0.24%	Pass	23%	Pass	66%	P	70%	Pc	3.9%	Pass

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	Buckeye – South Portland
Project	PROJ-031334
Report #	2024GD402

Custody	Enthalpy Analytical, LLC received the sample tubes on 10/24/24. The samples were received in good condition at a temperature of 20.7 ºC. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for Benzene, Toluene, Ethylbenzene, o-Xylene, and m-/p-Xylenes using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-MTD.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The lowest level for the initial calibration did not meet method criteria for ethylbenzene or o-xylene and has been excluded from the curves for ethylbenzene and o-xylene. This results in the LOQ (Limit of Quantitation) being elevated for ethylbenzene and o-xylene. The integrity of the reported data is not compromised. The initial calibration met all other 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below. The primary sample BCKSP-14-S-20241009 (tube ID C43681) and its corresponding duplicate BCKSP-14-D-20241009 (tube ID B52762) failed to meet the 30% difference criterion specified by the method for m-/p-Xylenes and o-Xylene. However, the concentrations of o-Xylene in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected for o-Xylene. All samples in the data set have been flagged "Pc" for o-Xylene and P for m-/p-Xylenes to denote these failures.
Reporting Notes	The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged.

Enthalpy Analytical Narrative Summary
(continued)

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in µg/m3 and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory.

These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Sample Custody

EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

ENTHALPY ANALYTICAL 2024GD402 Page # 1 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye, So Portland	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROJ-031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig BROCHU	**Sorbent:**	
State	Maine	**Email Address:**	haigbrochu@Montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C43278	S	10/9/24	10:30	10/23/24	11:00	HFB / HFB		
2	C40548	S	10/9/24	10:35	10/23/24	11:05	HFB / HFB		
3	B15144	S	10/9/24	10:40	10/23/24	11:10	HFB / HFB		
4	B20977	S	10/9/24	10:45	10/23/24	11:15	HFB / HFB		
5	B43930	S	10/9/24	10:50	10/23/24	11:20	HFB / HFB		
5	B48134	D	10/9/24	10:50	10/23/24	11:20	HFB / HFB		
5	C01353	B	10/9/24	10:50	10/23/24	11:20	HFB / HFB		
6	B19770	S	10/9/24	11:00	10/23/24	11:30	HFB / HFB		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Haig BROCHU		10/23/2024	16:35
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simeon		10/24/24	10:00

Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good		Y	
Ice Temp: — / **Blank Temp:** 20.7 / Fluke 7A		**Add Custody Seal # below:** 24A01939	

Comments:

ENTHALPY ANALYTICAL

EPA Method 325 A
Field Test Data Sheet and Chain of Custody Record

Page # 2 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Bucheye So Portland	**Client Name:**	Montrose AW	**PO#:**	
Site Address:	120 Mechanic Street	**Project Number:**	PROJ-031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brechw	**Sorbent:**	
State	Maine	**Email Address:**	haigbrechw@Montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
7	C01496	S	10/9/24	11:05	10/23/24	11:35	HFB / HFB		
8	B28960	S	10/9/24	11:10	10/23/24	11:40	HFB / HFB		
9	B42760	S	10/9/24	11:15	10/23/24	11:45	HFB / HFB		
10	C33473	S	10/9/24	11:20	10/23/24	11:50	HFB / HFB		
11	C01376	S	10/9/24	11:30	10/23/24	12:00	HFB / HFB		
12	C37926	S	10/9/24	11:35	10/23/24	12:05	HFB / HFB		
13	C53687	S	10/9/24	11:40	10/23/24	12:10	HFB / HFB		
14	C43681	S	10/9/24	11:45	10/23/24	12:13	HFB / HFB		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Haig BROCHU		10/23/2024	16:35
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simpson		10/24/24	10:00

Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good		Y	
Ice Temp: / **Blank Temp:** 20.7 / Fluke 7A		**Add Custody Seal # below:** 24A01939	

Comments:

ENTHALPY ANALYTICAL

EPA Method 325 A
Field Test Data Sheet and Chain of Custody Record

Page # 3 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye So Portland	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Mechanic Street	**Project Number:**	PROS-031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brochu	**Sorbent:**	
State	Maine	**Email Address:**	haigbrochu@Montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
14	B52762	D	10/9/24	11:45	10/23/24	12:15	HFB / HFB		
14	C32949	B	10/9/24	11:45	10/23/24	12:15	HFB / HFB		
15	C16102	S	10/9/24	11:50	10/23/24	12:25	HFB / HFB		
16	C40663	S	10/9/24	1200	10/23/24	12:30	HFB / HFB		
							/		
							/		
							/		
							/		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brochu		10/23/2024	16:35
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simpson		10/24/24	10:00

Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good		Y	
Ice Temp: — / **Blank Temp:** 20.7 / Fluke 7A		Add Custody Seal # below: 24AD1939	

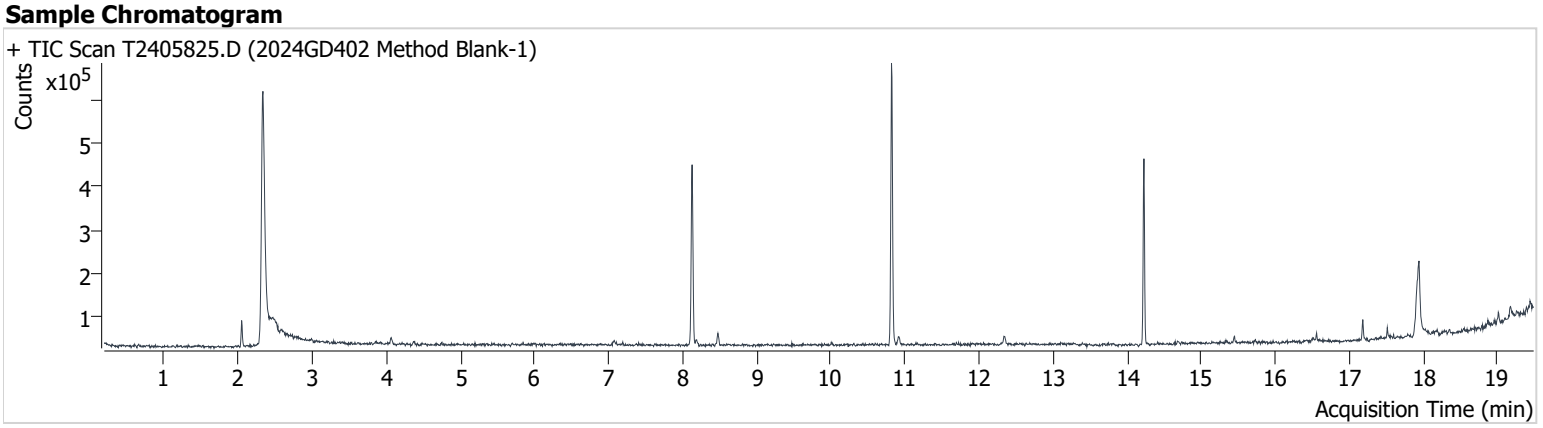
Comments:

Sample Chromatograms

ENTHALPY ANALYTICAL

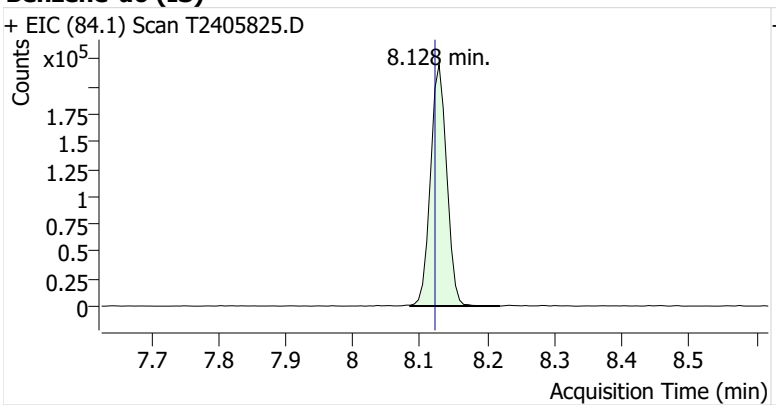
Name	2024GD402 Method Blank-1
Comment	B46254; Recollect
Data File	T2405825.D
Acq. Date-Time	10/29/2024 10:46:20 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

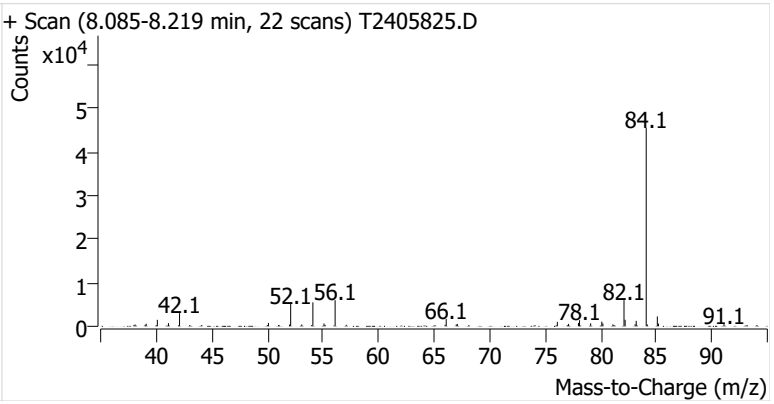
Sample Chromatogram



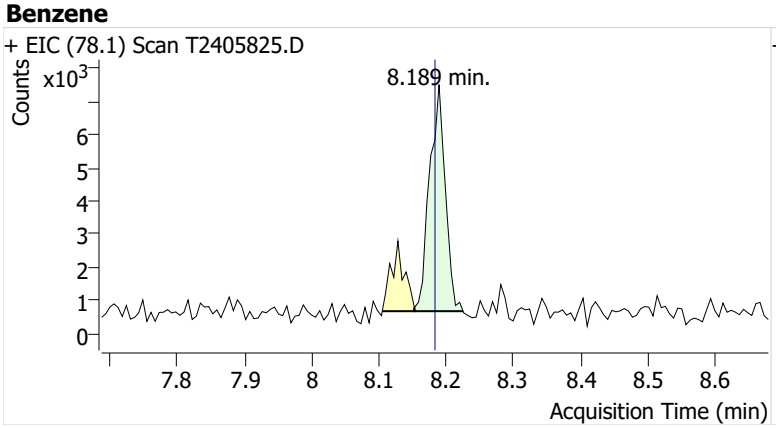
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	369,934	
Benzene	Benzene-d6 (IS)	8.189	8.183	11,078	
Toluene-d8 (IS)		10.820	10.820	415,714	
Toluene	Toluene-d8 (IS)	10.918	10.918	13,199	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	1,746	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	2,027	
o-Xylene	Toluene-d8 (IS)	13.891	13.781	ND	m

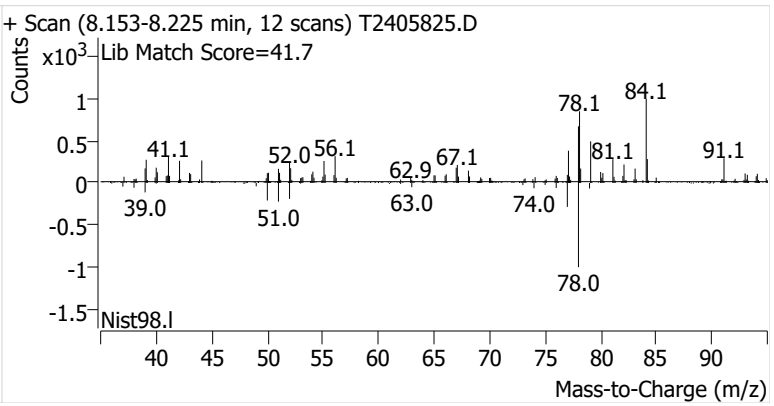
Benzene-d6 (IS)



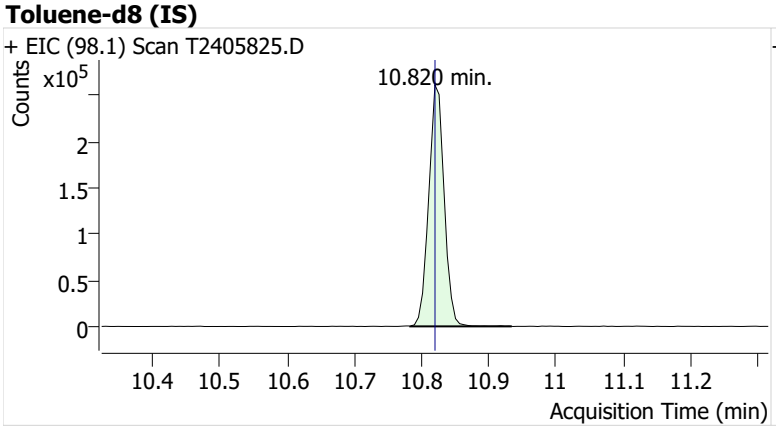


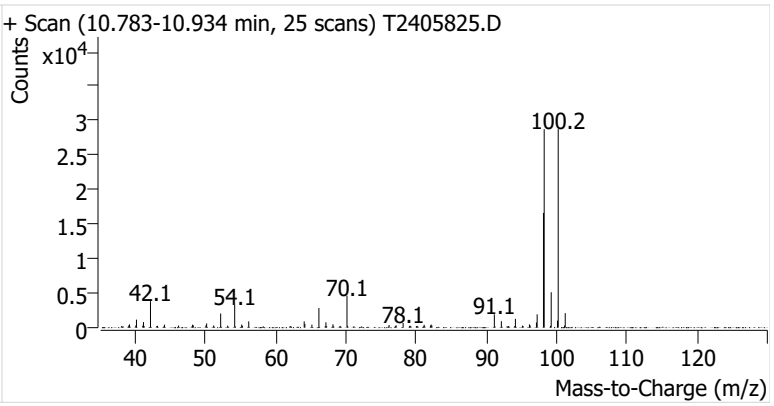
Benzene



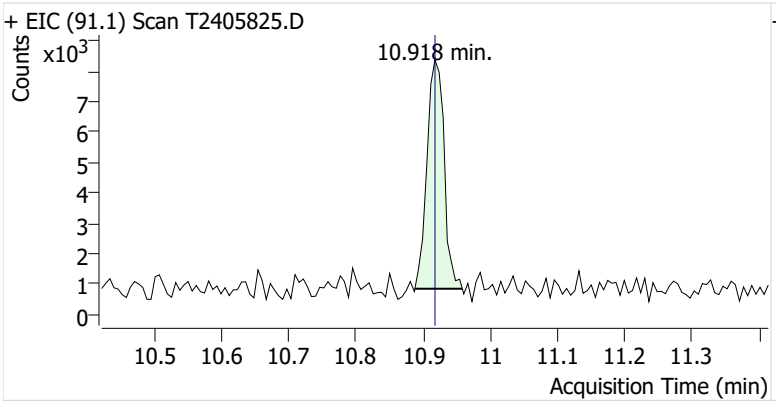


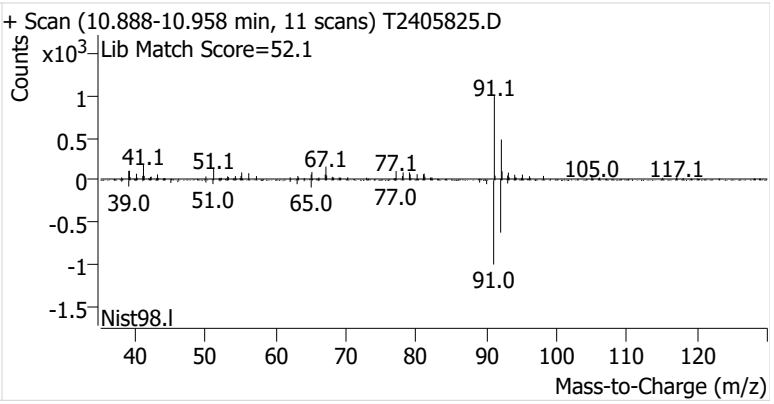
Toluene-d8 (IS)



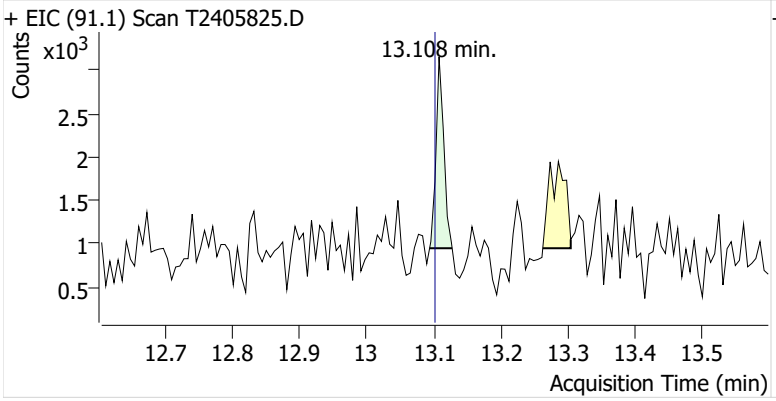


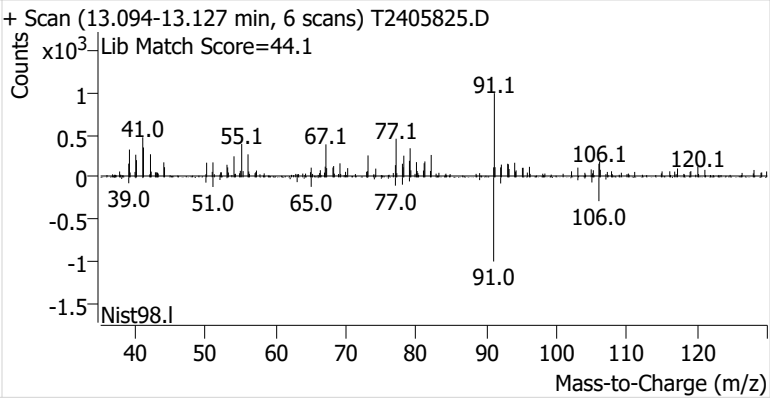
Toluene



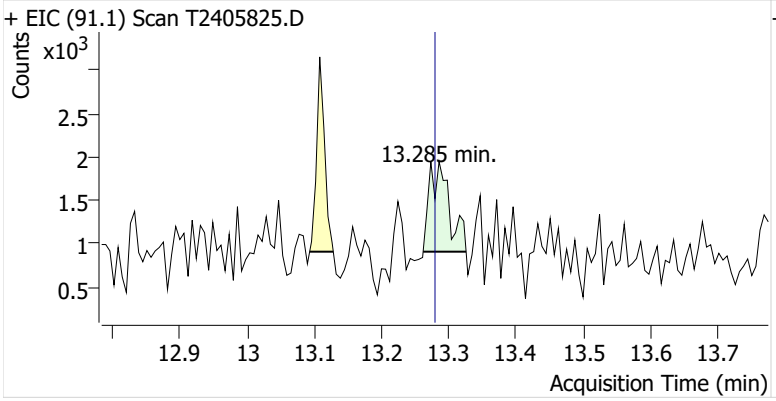


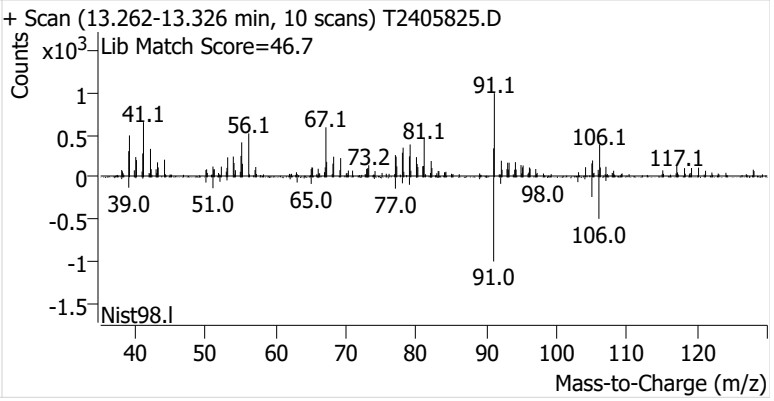
Ethylbenzene



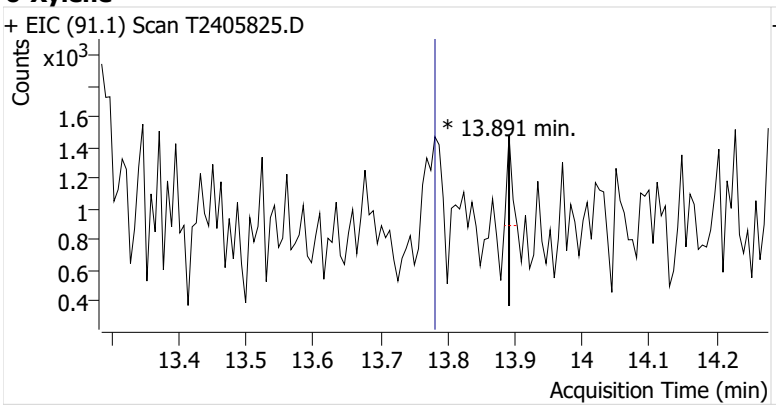


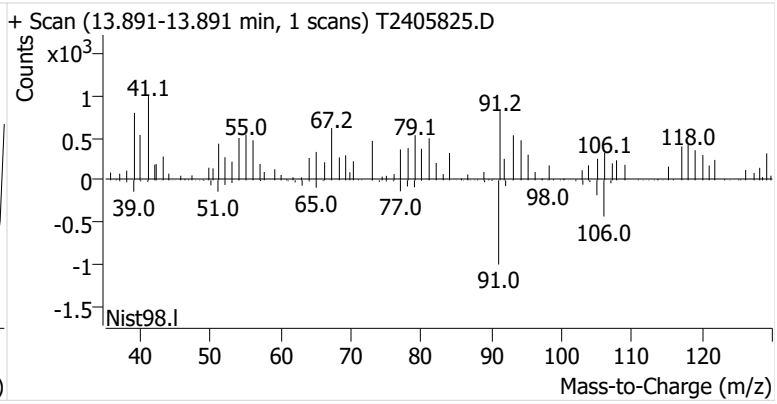
m-/p-Xylenes





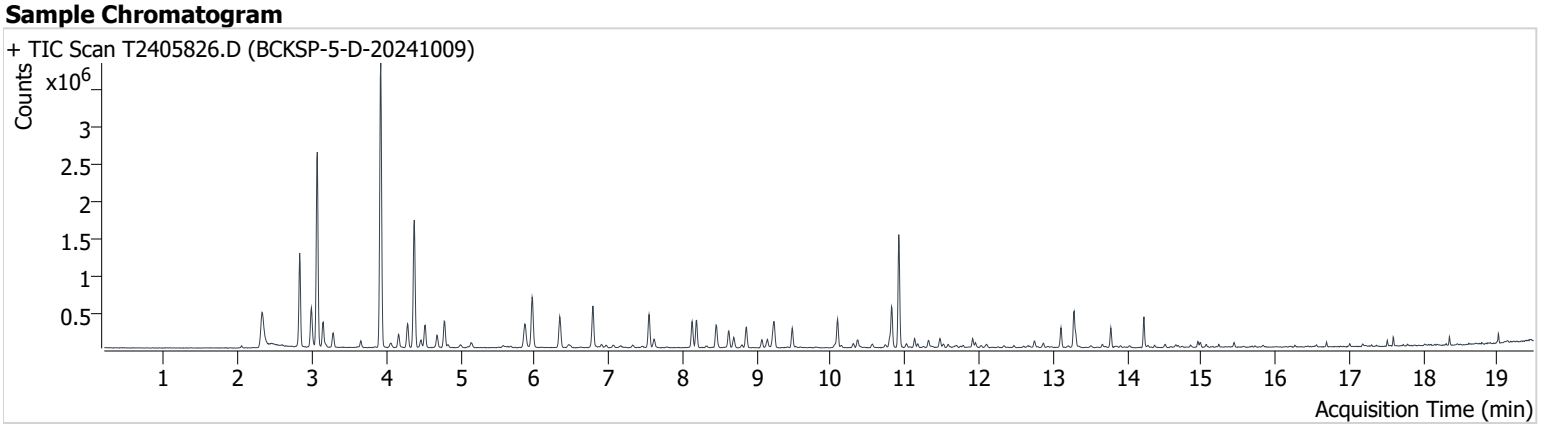
o-Xylene


+ EIC (91.1) Scan T2405825.D
Counts
x10^3
1.6
1.4
1.2
1
0.8
0.6
0.4
* 13.891 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.891-13.891 min, 1 scans) T2405825.D
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.0
67.2
79.1
91.2
106.1
118.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

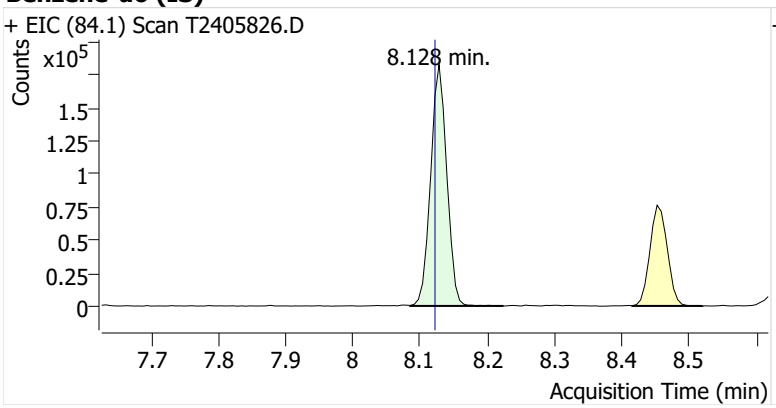
Name	BCKSP-5-D-20241009
Comment	B48134; Recollect
Data File	T2405826.D
Acq. Date-Time	10/29/2024 11:11:38 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

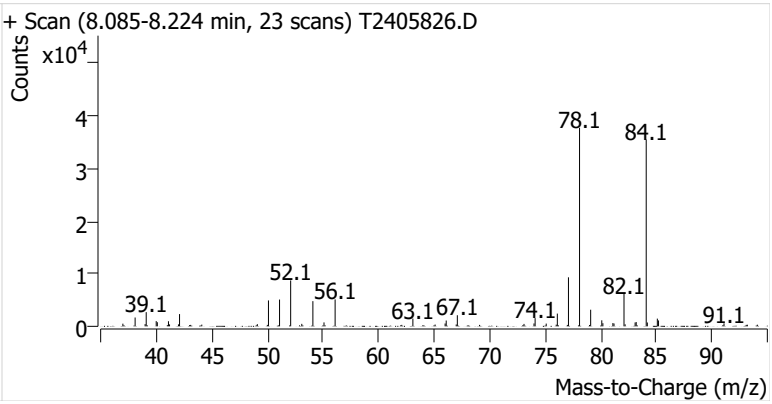
Sample Chromatogram



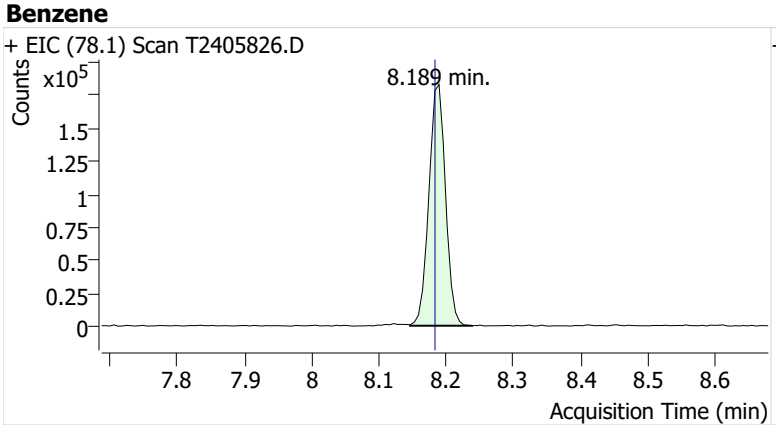
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	305,162	
Benzene	Benzene-d6 (IS)	8.189	8.183	313,238	
Toluene-d8 (IS)		10.820	10.820	352,225	
Toluene	Toluene-d8 (IS)	10.918	10.918	990,420	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	171,749	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	355,257	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	137,323	

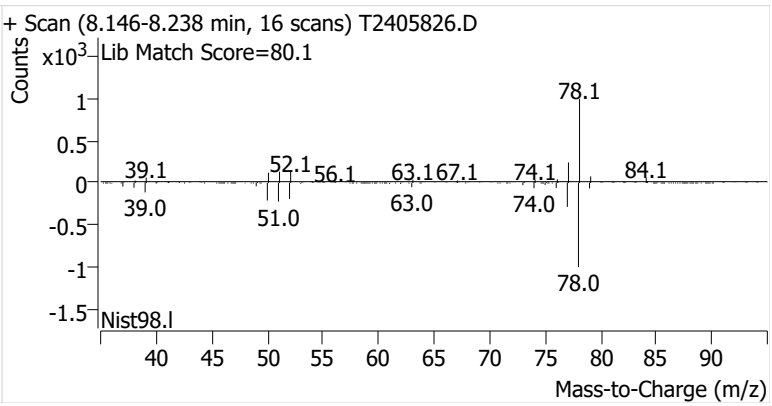
Benzene-d6 (IS)



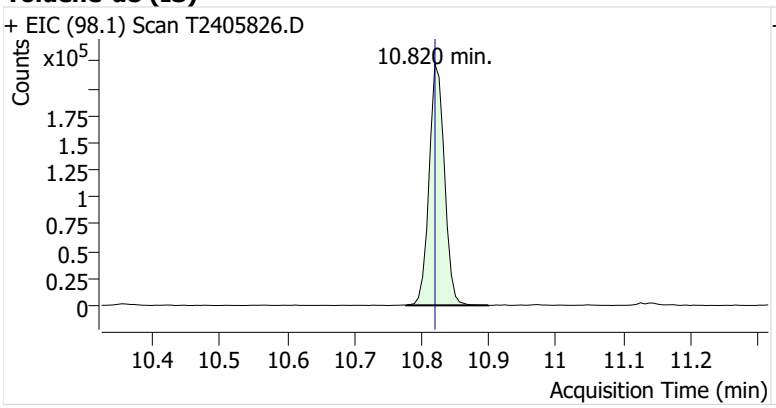


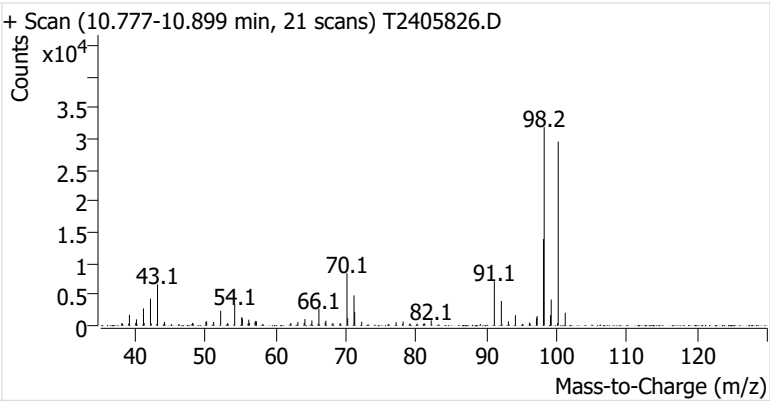
Benzene



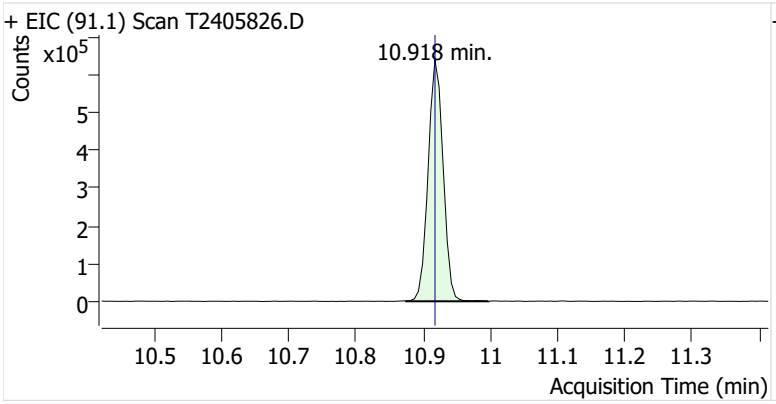


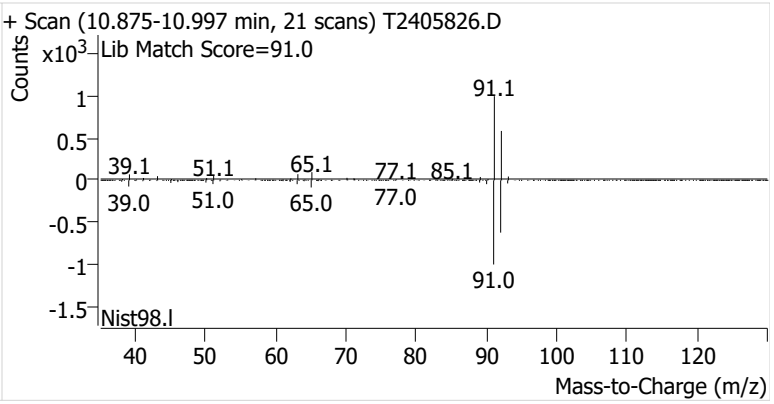
Toluene-d8 (IS)



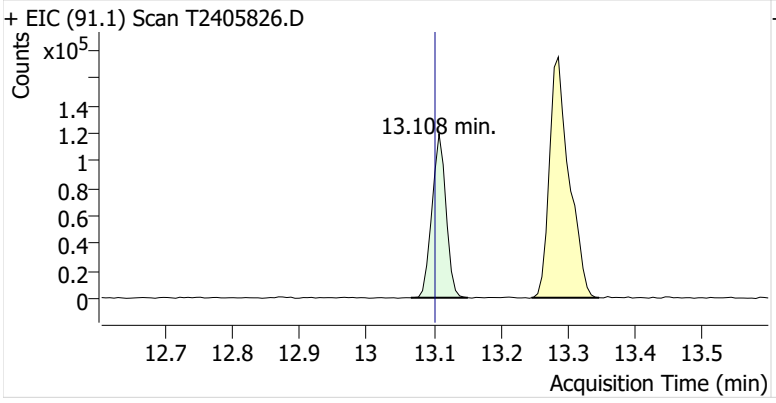


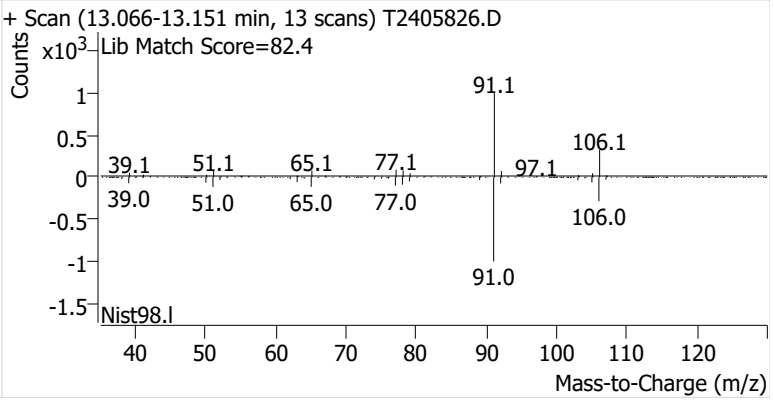
Toluene



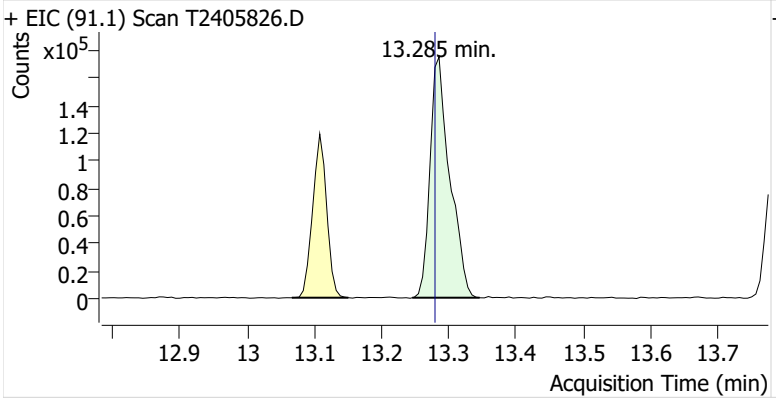


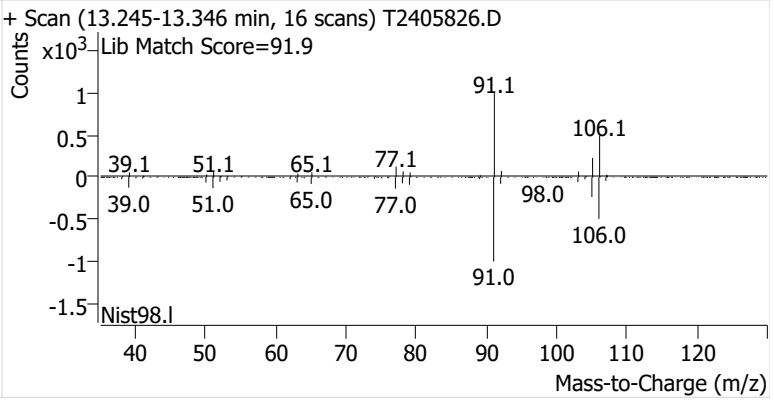
Ethylbenzene



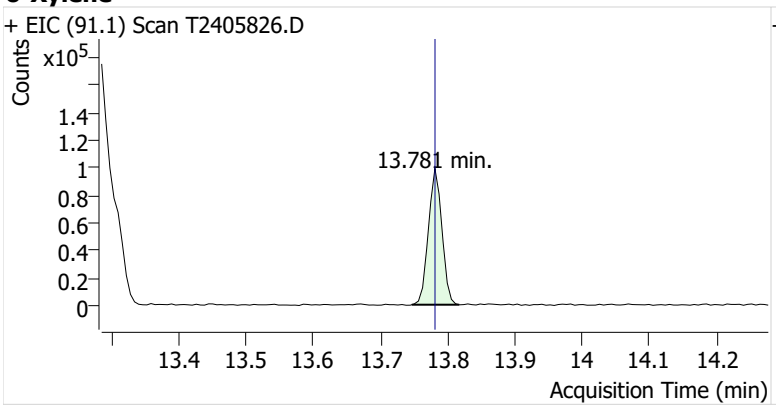


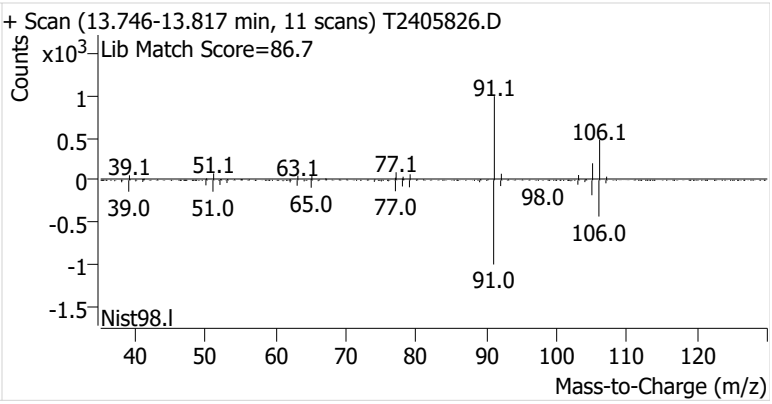
m-/p-Xylenes





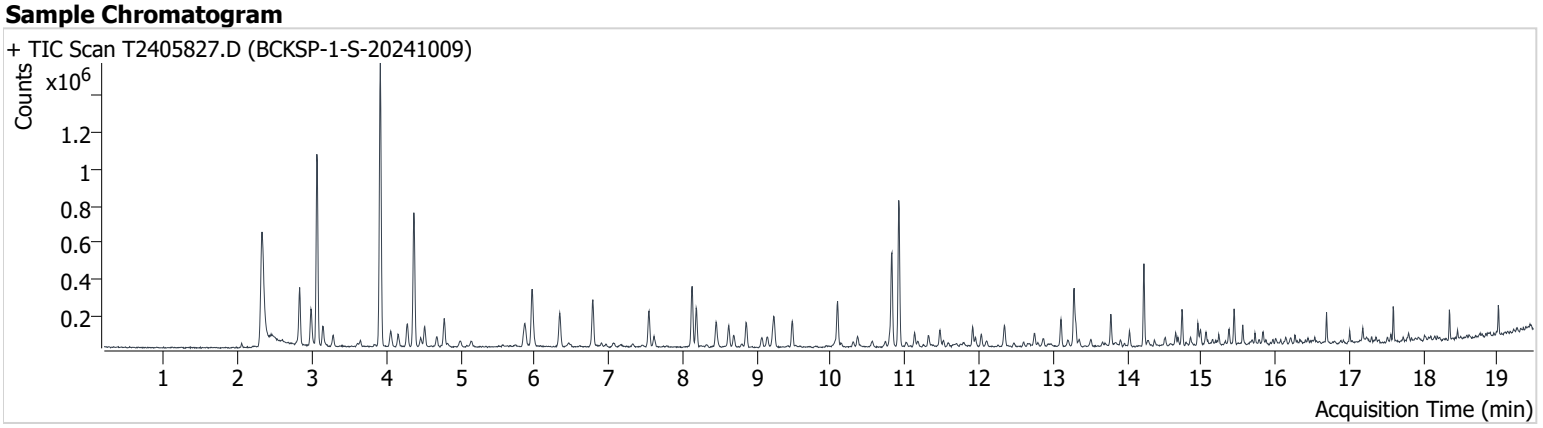
o-Xylene


+ EIC (91.1) Scan T2405826.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.746-13.817 min, 11 scans) T2405826.D
Lib Match Score=86.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
63.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

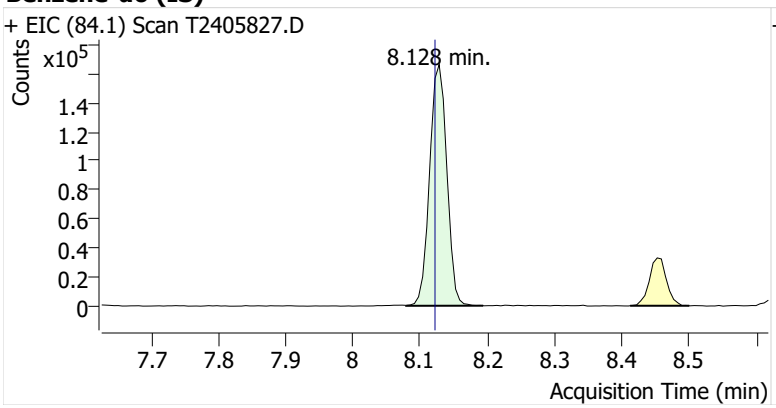
Name	BCKSP-1-S-20241009
Comment	C43278; Recollect
Data File	T2405827.D
Acq. Date-Time	10/29/2024 11:37:12 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

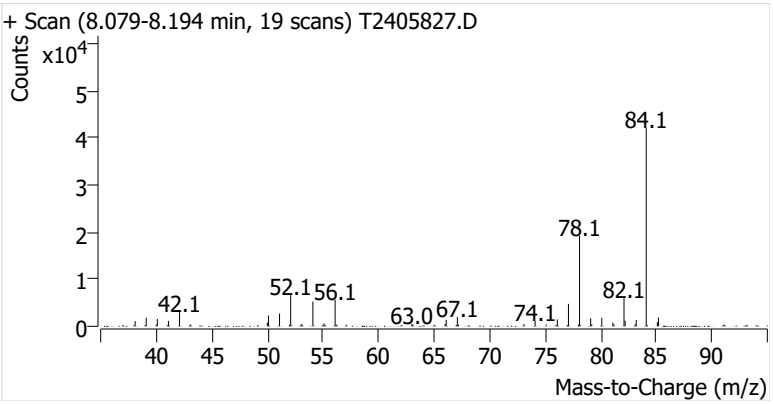
Sample Chromatogram



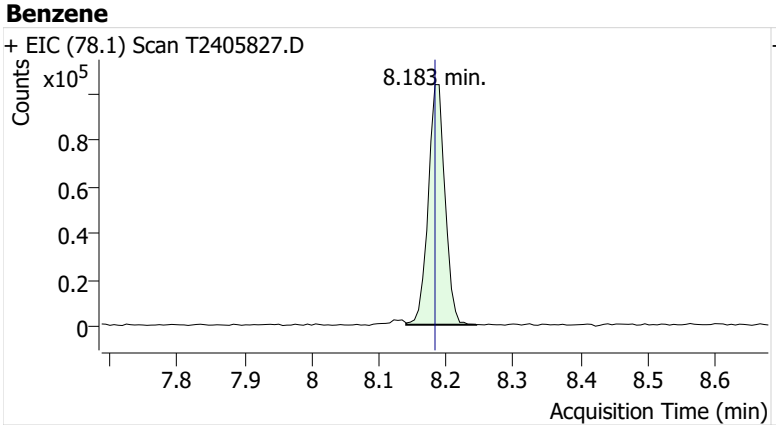
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	294,955	
Benzene	Benzene-d6 (IS)	8.183	8.183	179,592	
Toluene-d8 (IS)		10.826	10.820	331,820	
Toluene	Toluene-d8 (IS)	10.918	10.918	522,474	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	96,494	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	225,267	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	88,467	

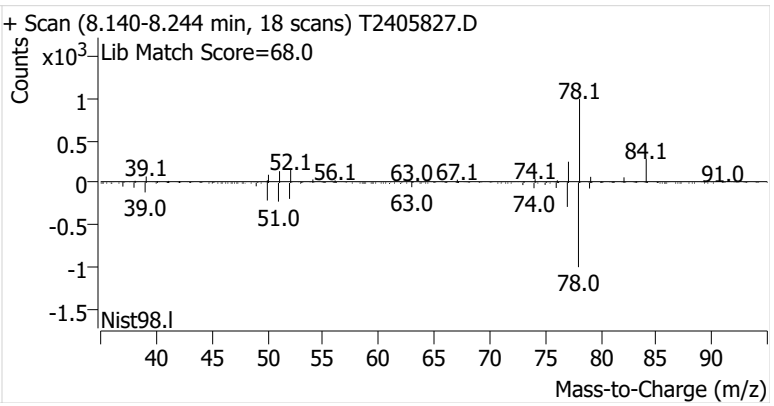
Benzene-d6 (IS)



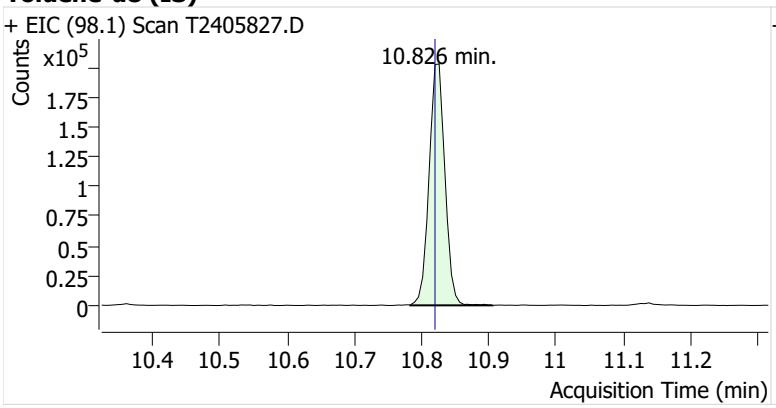


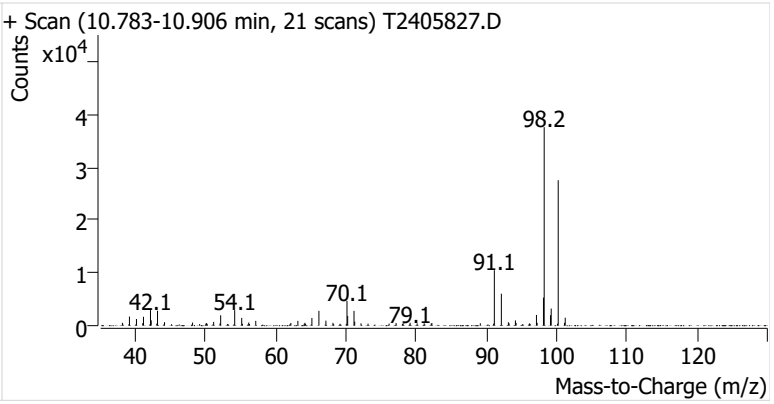
Benzene



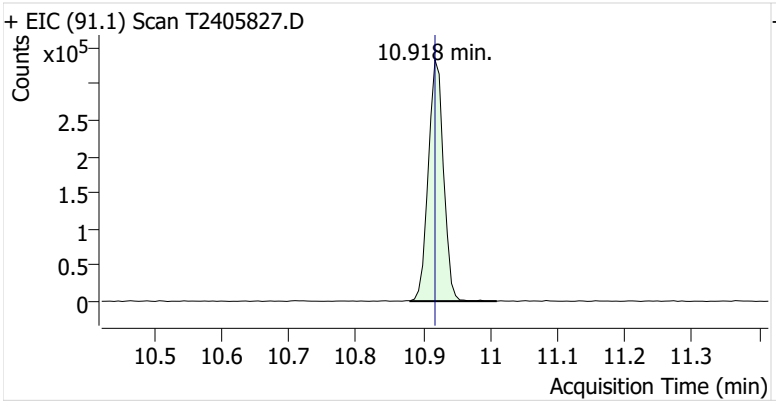


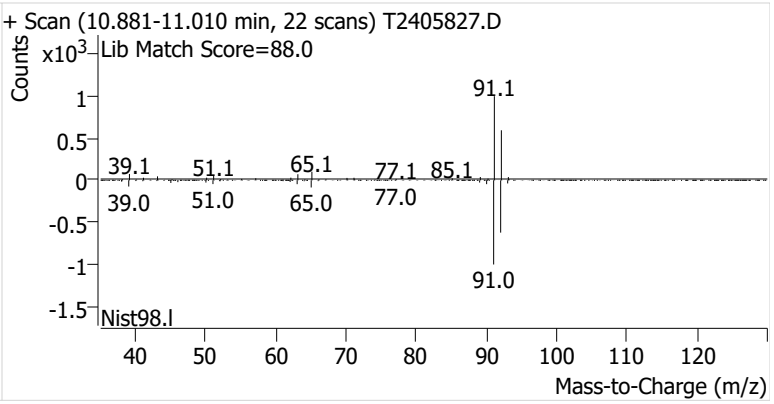
Toluene-d8 (IS)



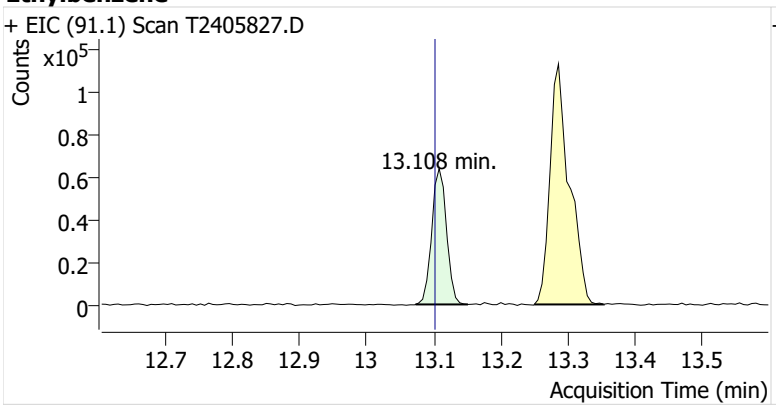


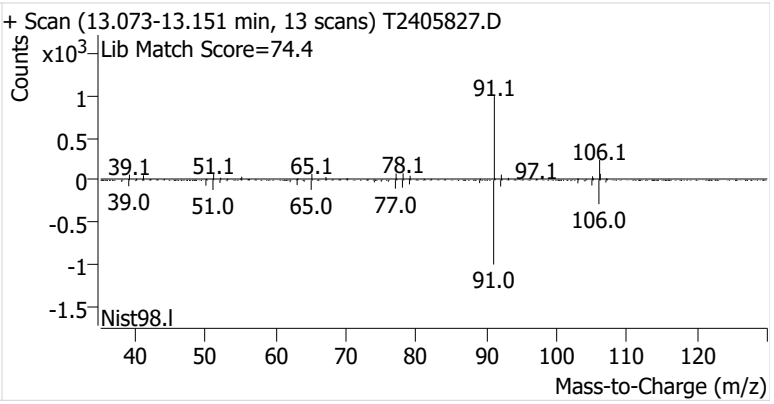
Toluene



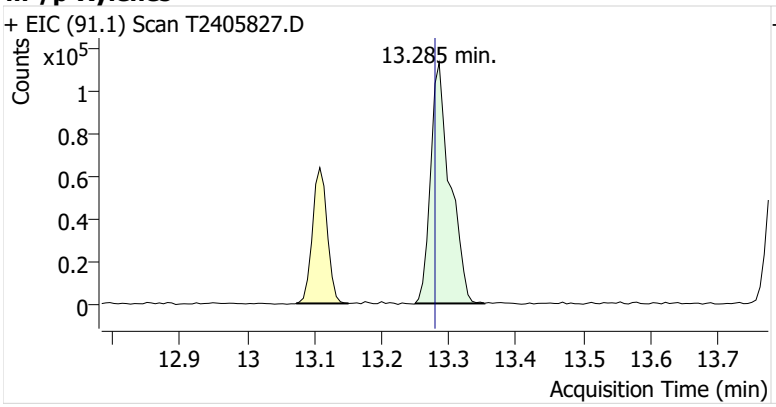


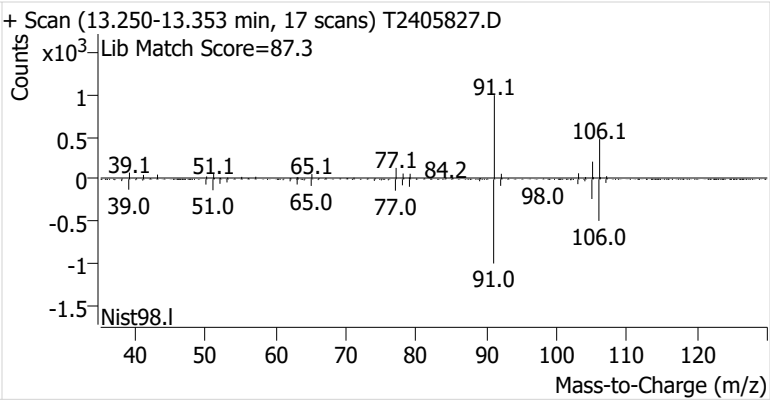
Ethylbenzene



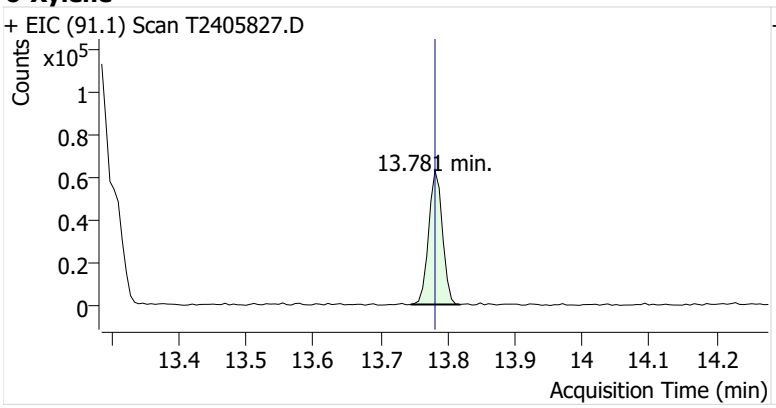


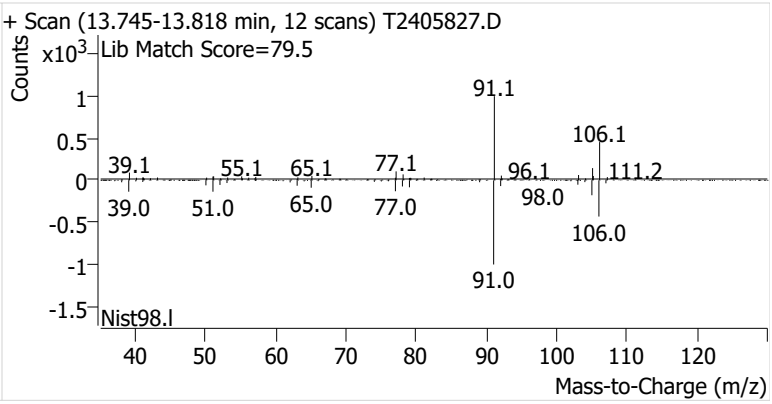
m-/p-Xylenes





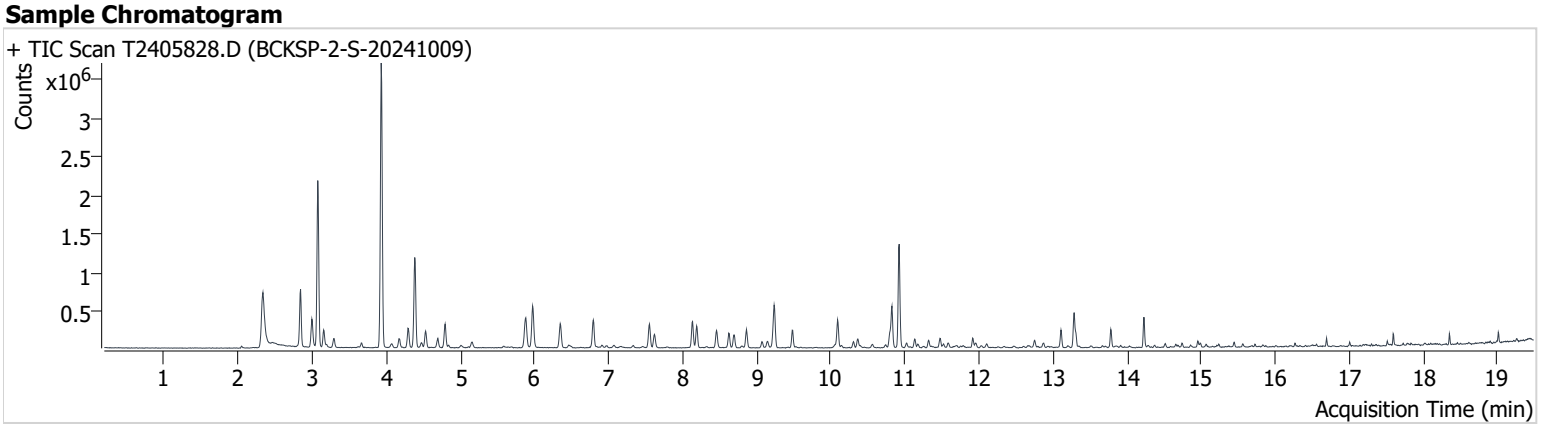
o-Xylene


+ EIC (91.1) Scan T2405827.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.745-13.818 min, 12 scans) T2405827.D
Counts
x10^3
Lib Match Score=79.5
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
96.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

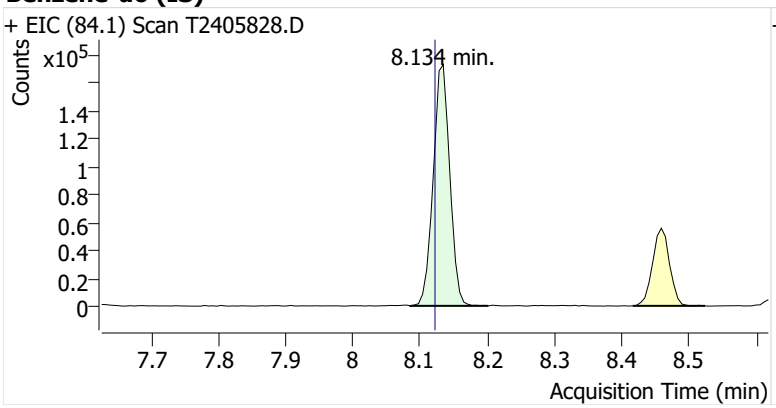
Name	BCKSP-2-S-20241009
Comment	C40548; Recollect
Data File	T2405828.D
Acq. Date-Time	10/29/2024 12:02:42 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

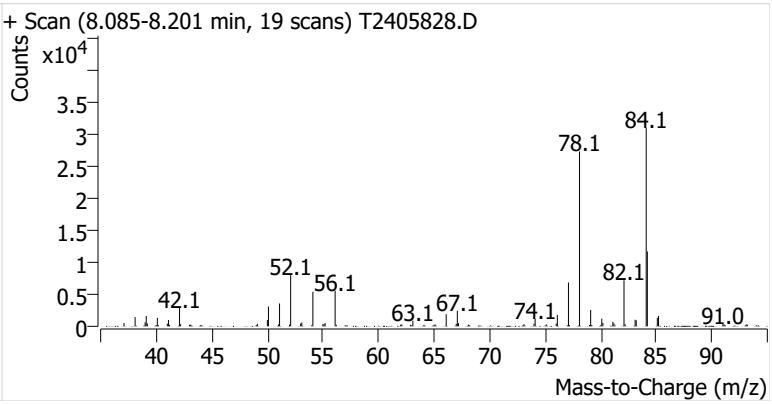
Sample Chromatogram



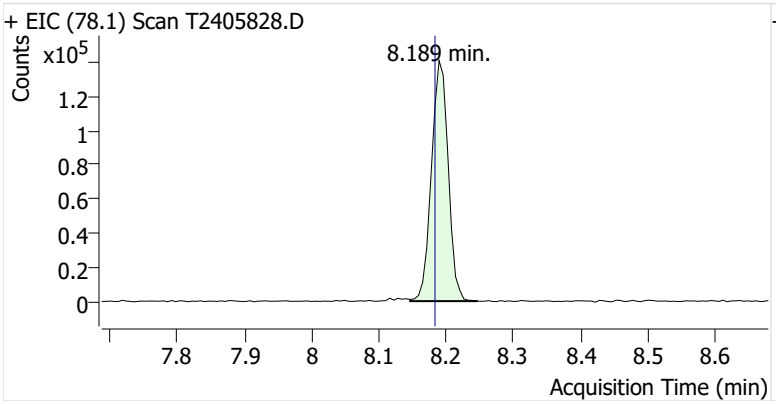
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.134	8.122	296,853	
Benzene	Benzene-d6 (IS)	8.189	8.183	242,651	
Toluene-d8 (IS)		10.826	10.820	332,807	
Toluene	Toluene-d8 (IS)	10.918	10.918	840,941	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	148,194	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	331,266	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	120,543	

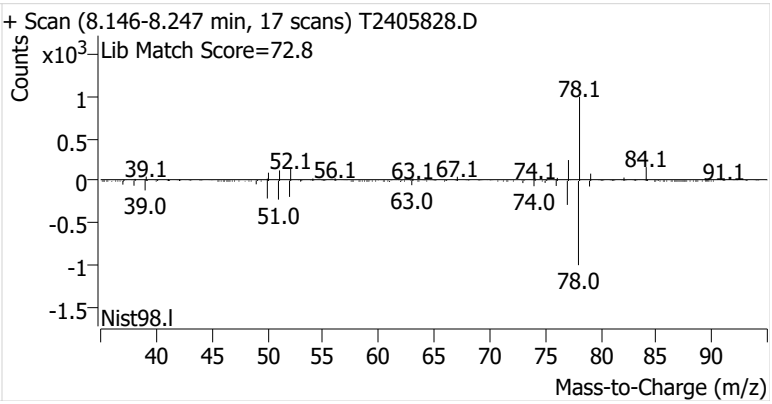
Benzene-d6 (IS)



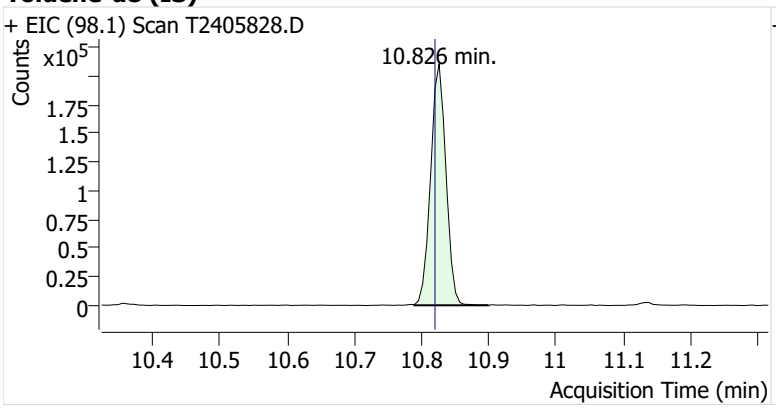


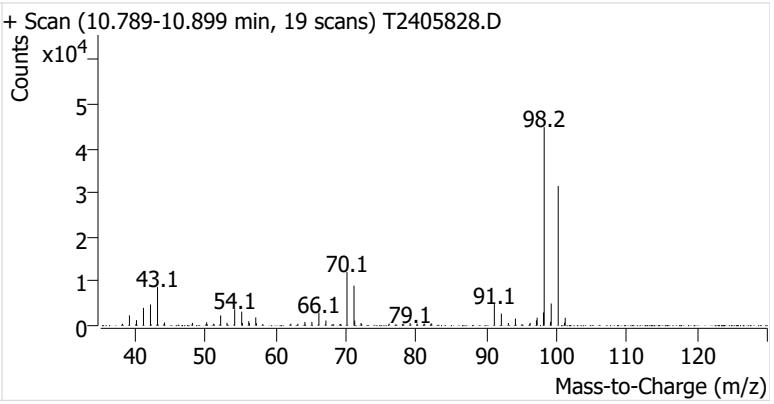
Benzene



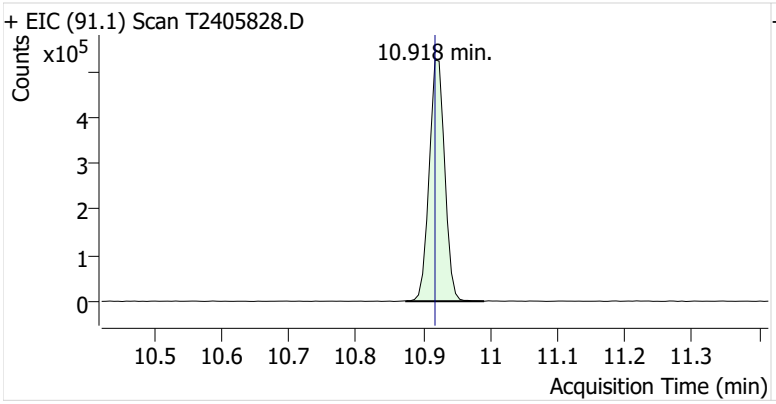


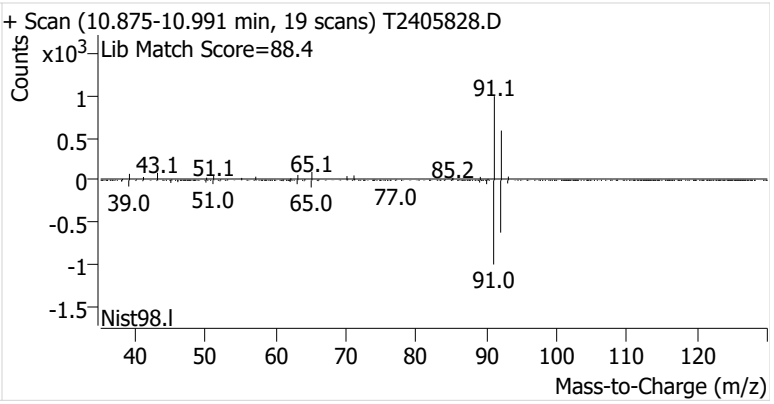
Toluene-d8 (IS)



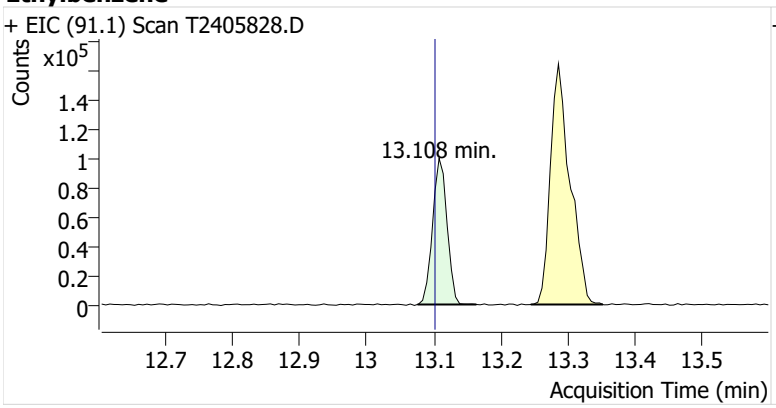


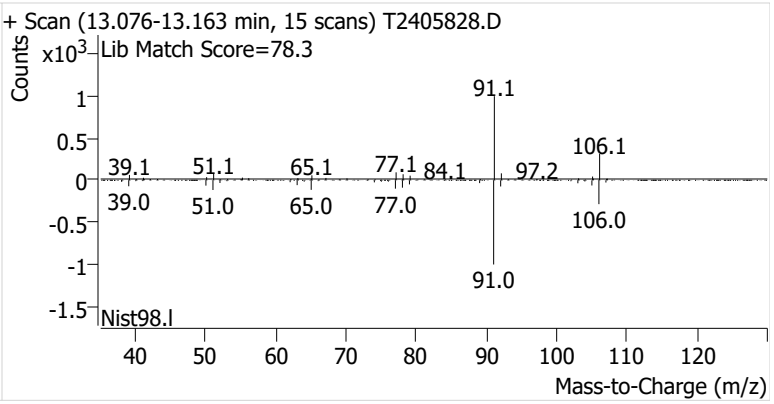
Toluene



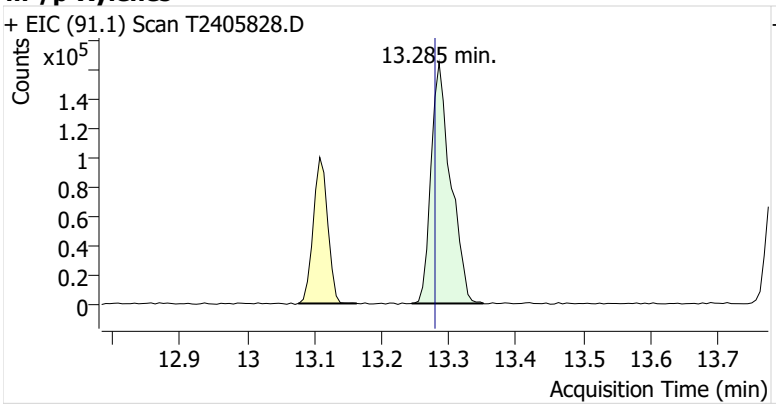


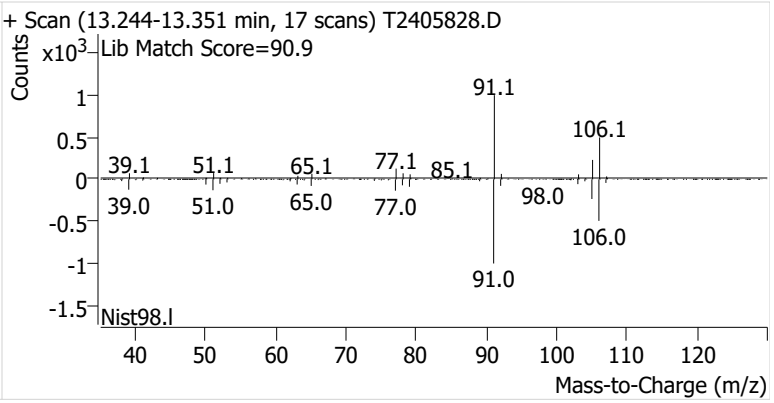
Ethylbenzene



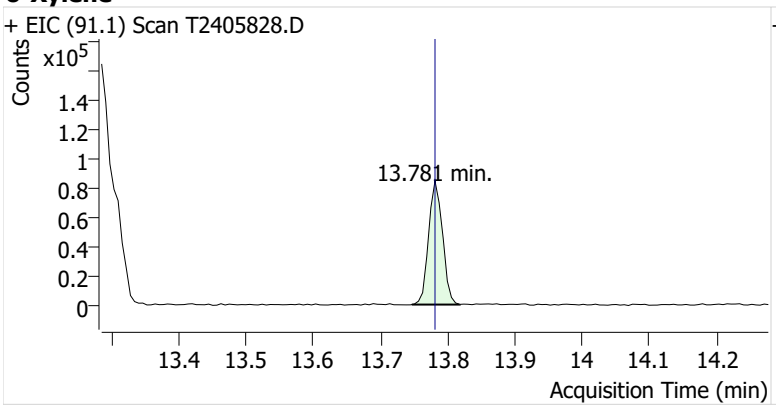


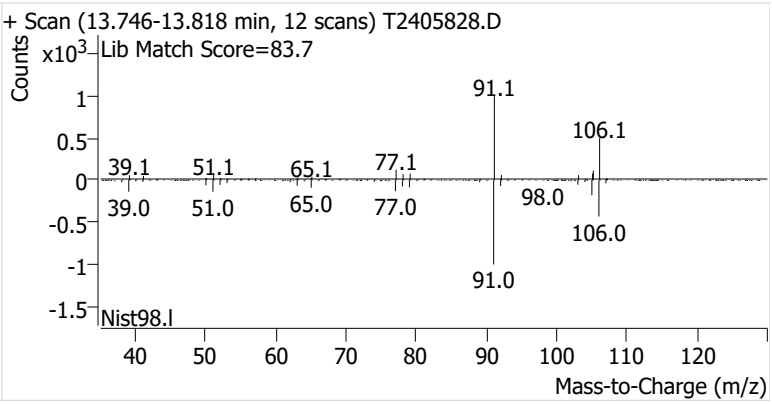
m-/p-Xylenes





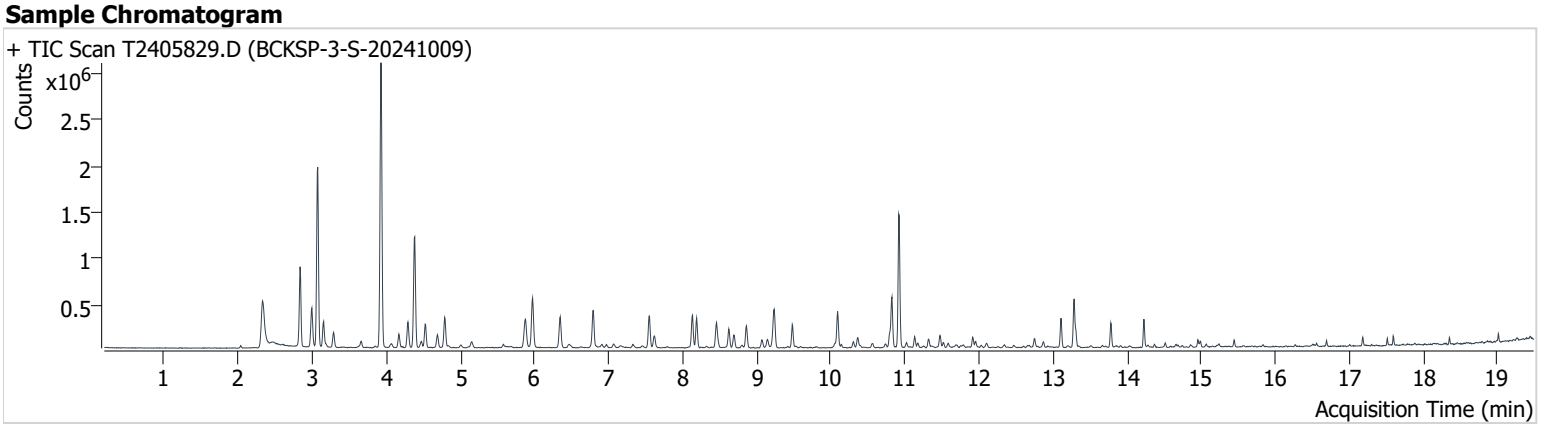
o-Xylene


+ EIC (91.1) Scan T2405828.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.781 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.746-13.818 min, 12 scans) T2405828.D
Counts
x10^3
Lib Match Score=83.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

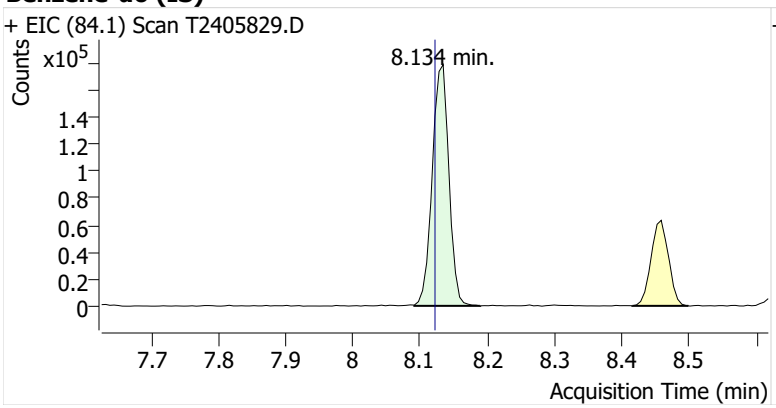
Name	BCKSP-3-S-20241009
Comment	B15144; Recollect
Data File	T2405829.D
Acq. Date-Time	10/29/2024 12:28:16 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

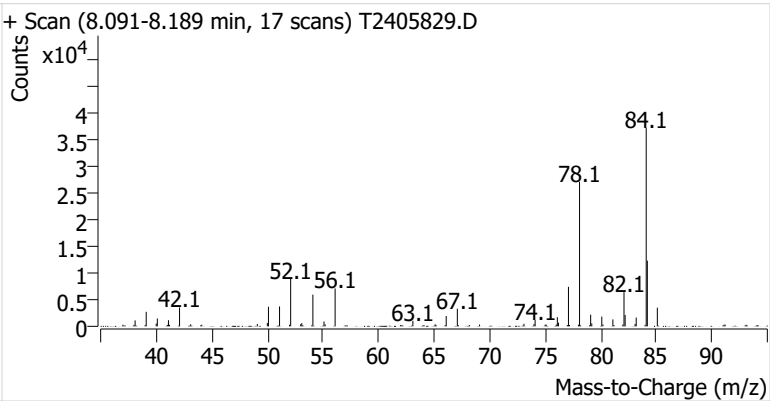
Sample Chromatogram



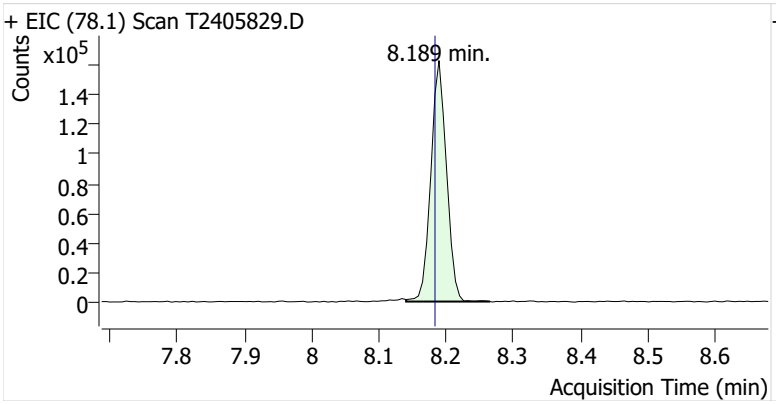
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.134	8.122	307,717	
Benzene	Benzene-d6 (IS)	8.189	8.183	262,772	
Toluene-d8 (IS)		10.826	10.820	341,977	
Toluene	Toluene-d8 (IS)	10.918	10.918	962,928	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	206,474	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	367,095	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	141,755	

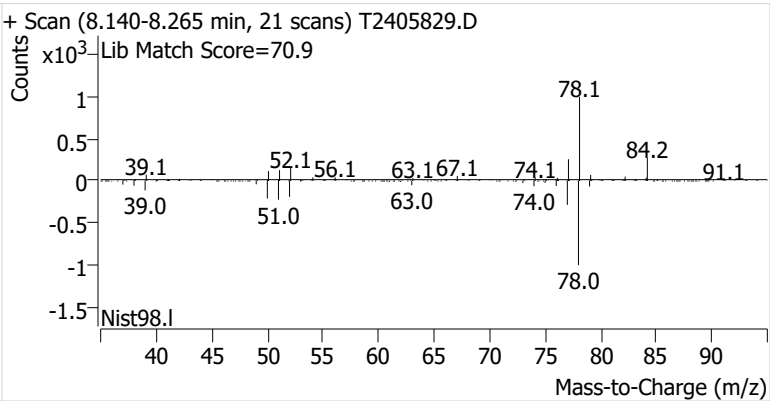
Benzene-d6 (IS)



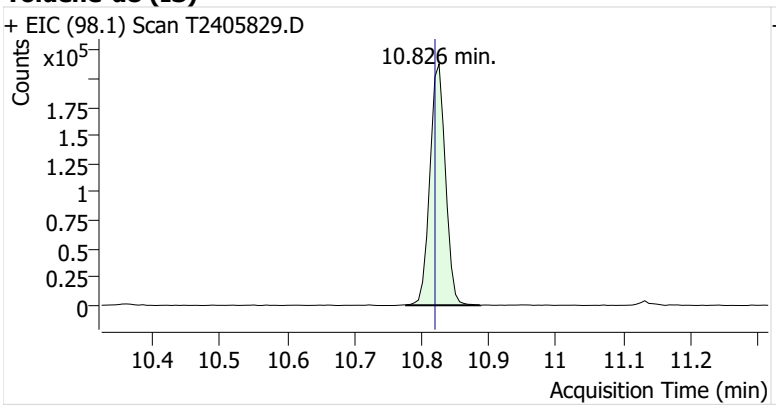


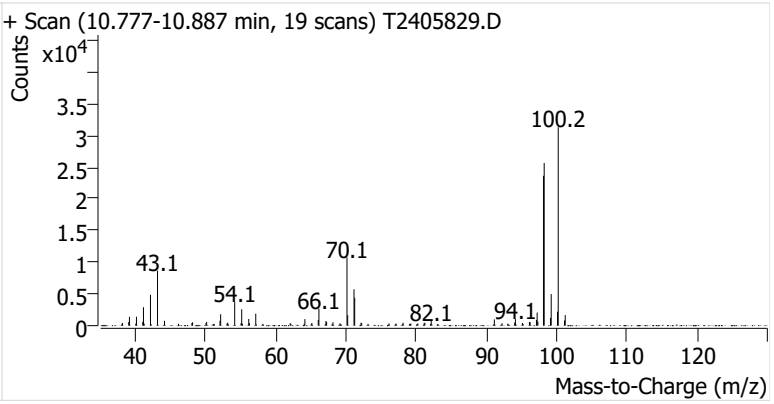
Benzene



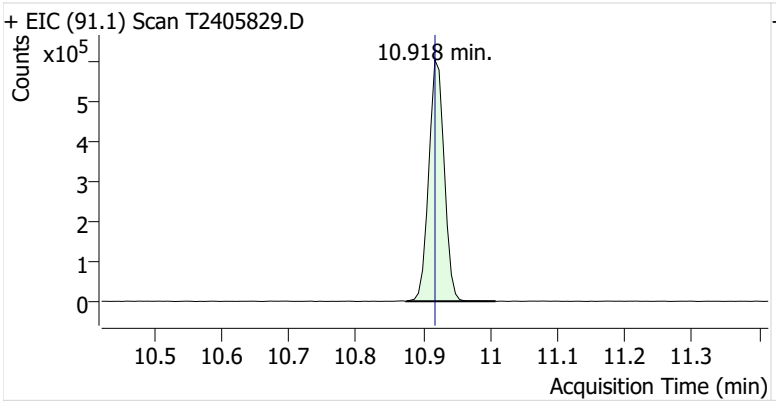


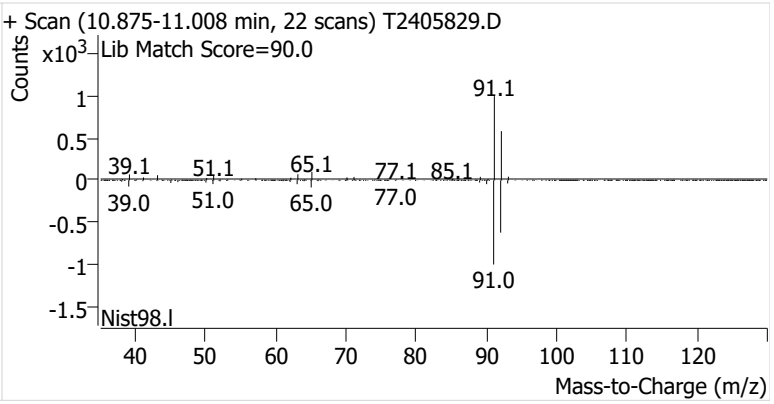
Toluene-d8 (IS)



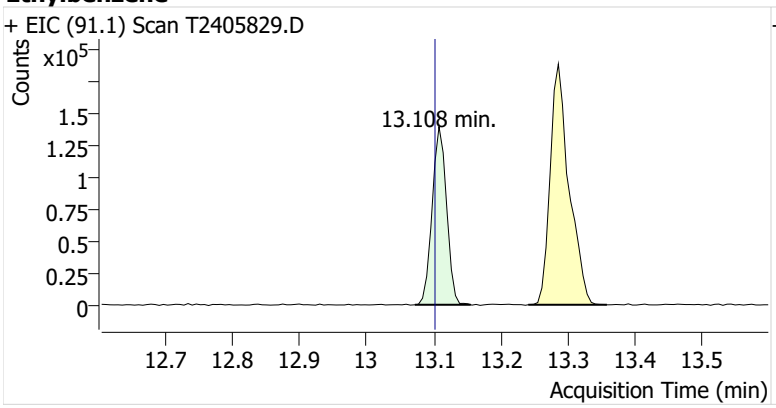


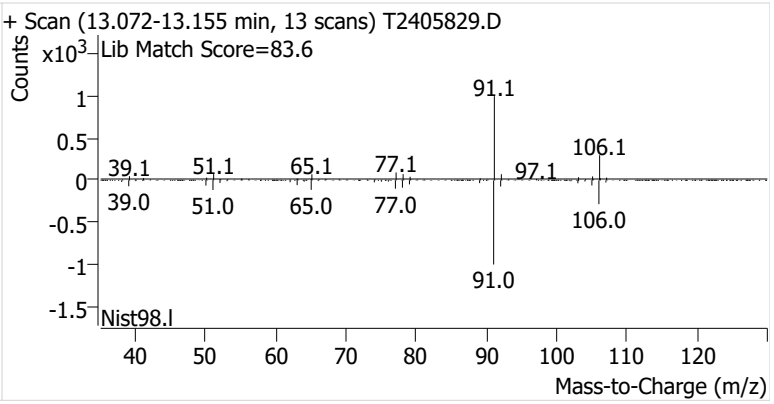
Toluene



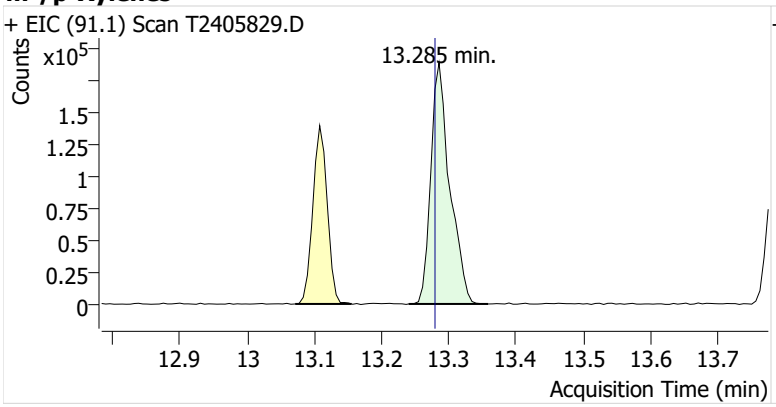


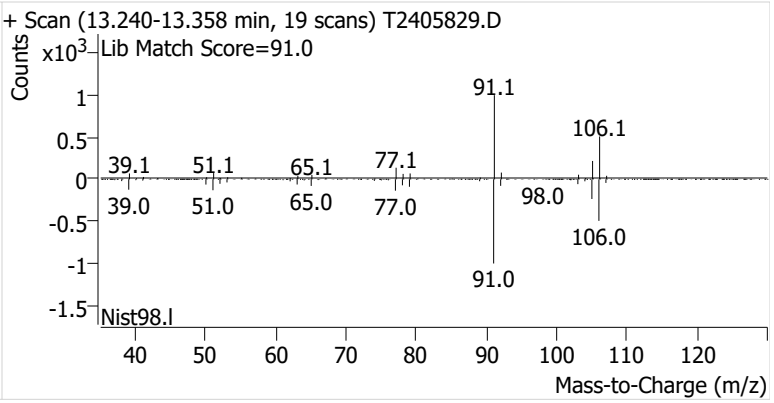
Ethylbenzene



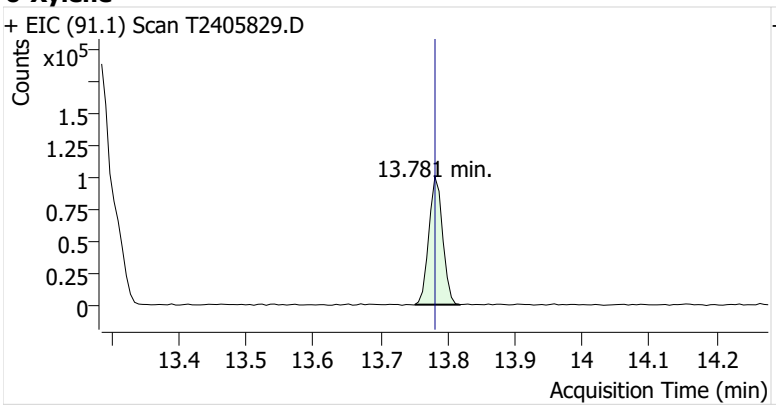


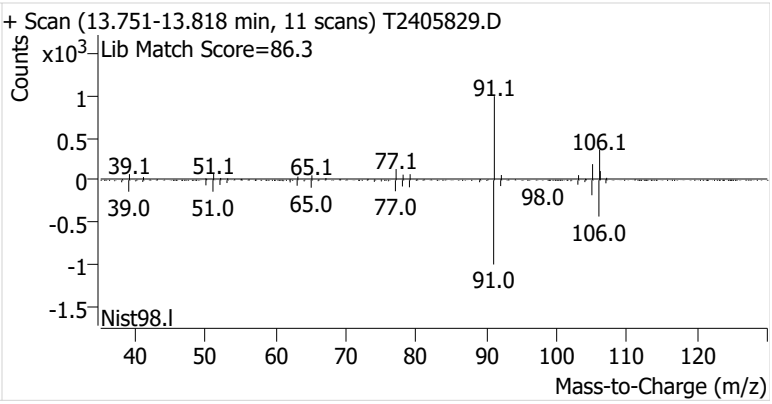
m-/p-Xylenes





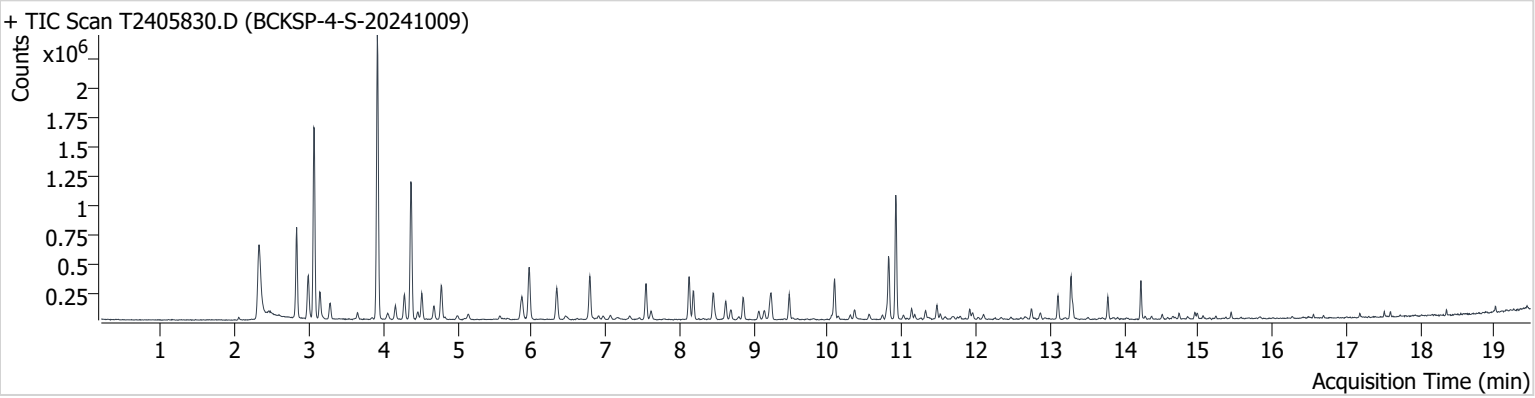
o-Xylene


+ EIC (91.1) Scan T2405829.D
Counts
x10^5
1.5
1.25
1
0.75
0.5
0.25
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.751-13.818 min, 11 scans) T2405829.D
Lib Match Score=86.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

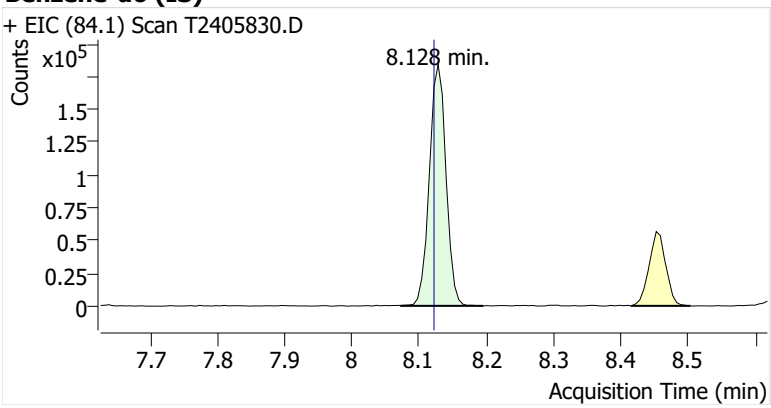
Name	BCKSP-4-S-20241009
Comment	B20977; Recollect
Data File	T2405830.D
Acq. Date-Time	10/29/2024 12:53:51 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

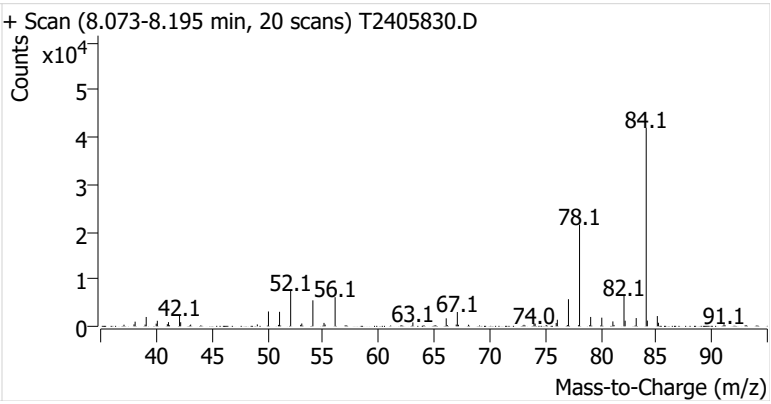
Sample Chromatogram



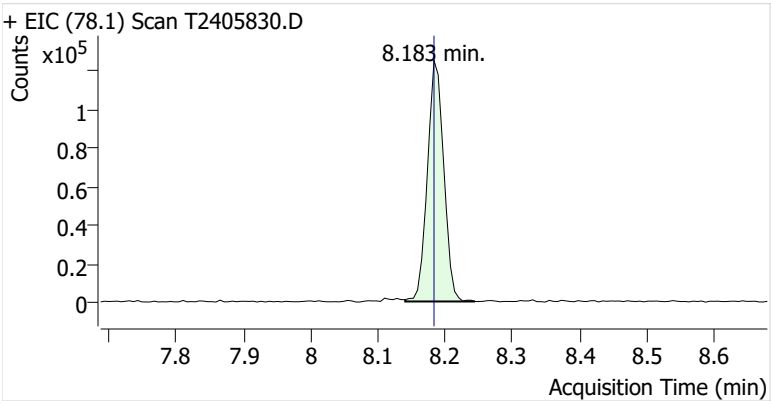
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	315,880	
Benzene	Benzene-d6 (IS)	8.183	8.183	210,613	
Toluene-d8 (IS)		10.820	10.820	339,939	
Toluene	Toluene-d8 (IS)	10.918	10.918	698,183	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	134,696	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	253,532	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	98,619	

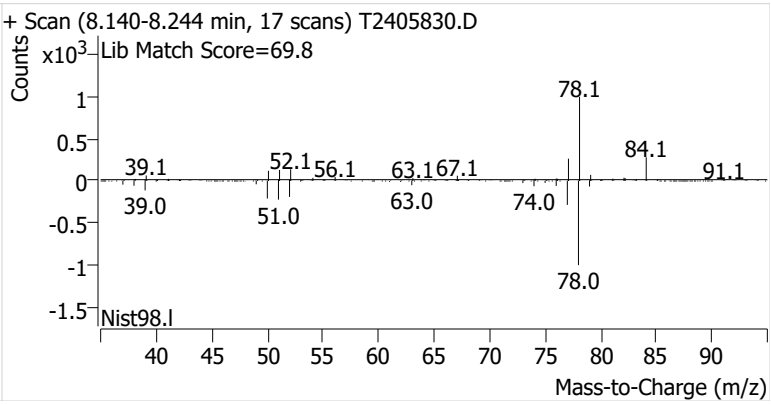
Benzene-d6 (IS)



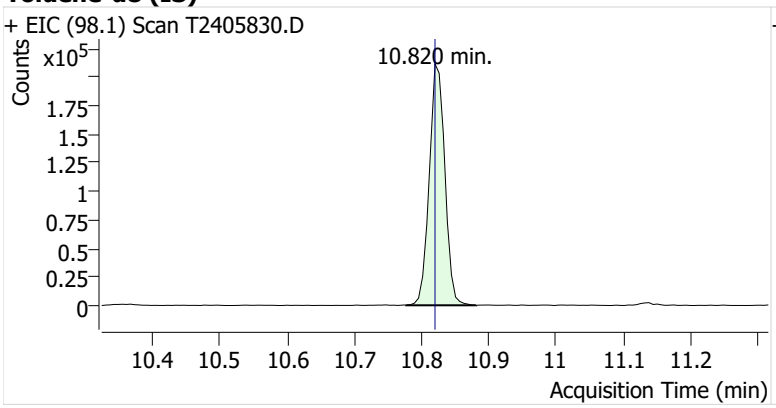


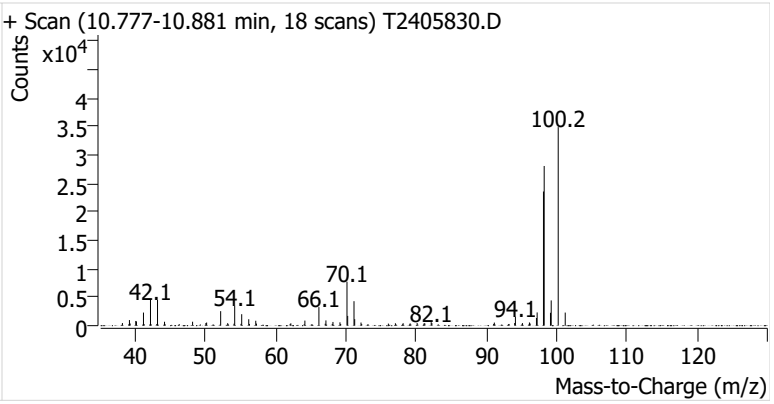
Benzene



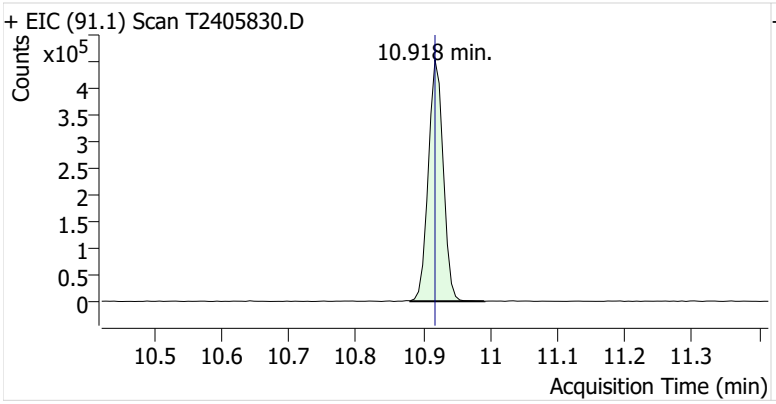


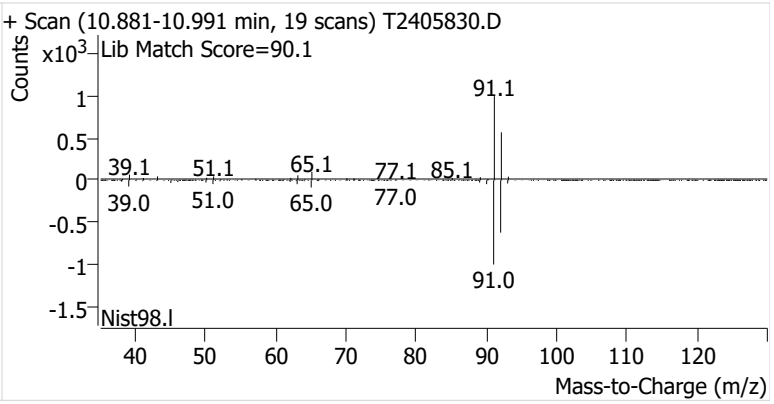
Toluene-d8 (IS)



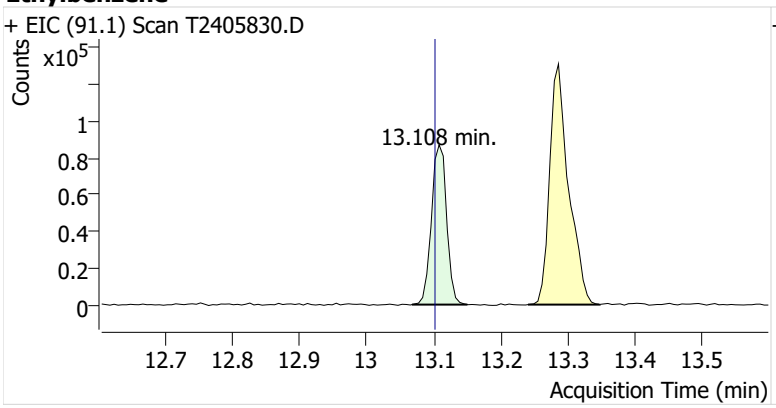


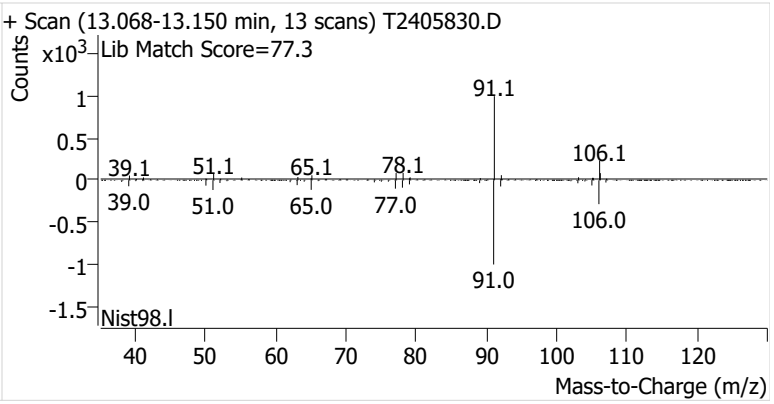
Toluene



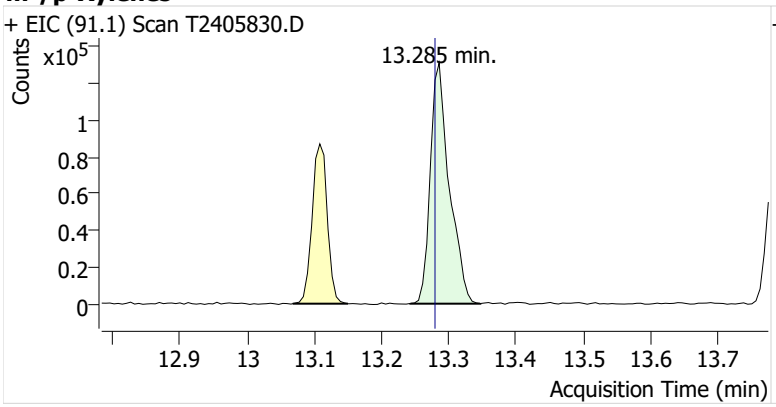


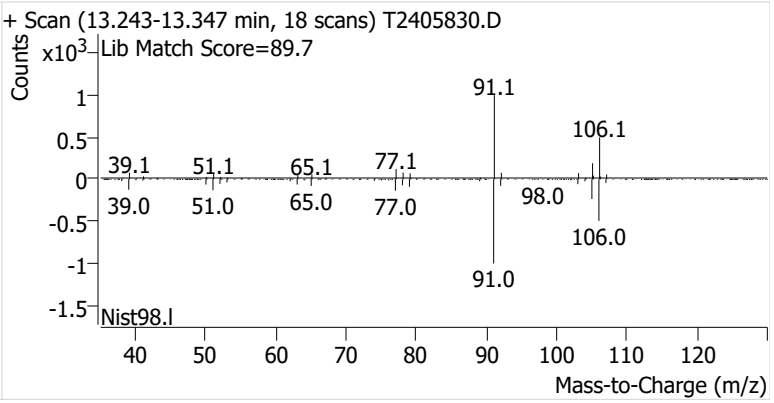
Ethylbenzene



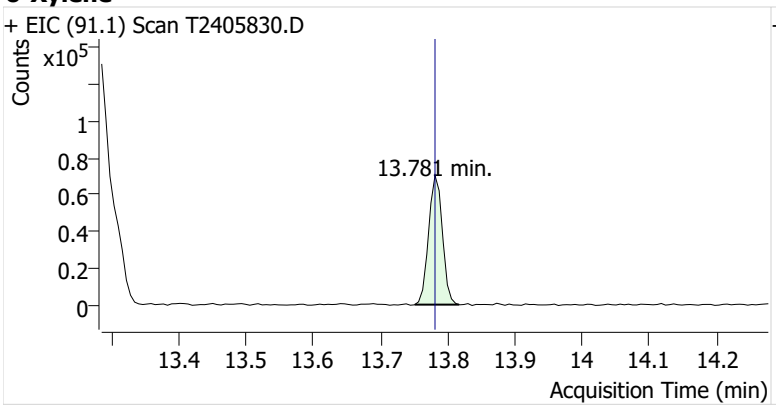


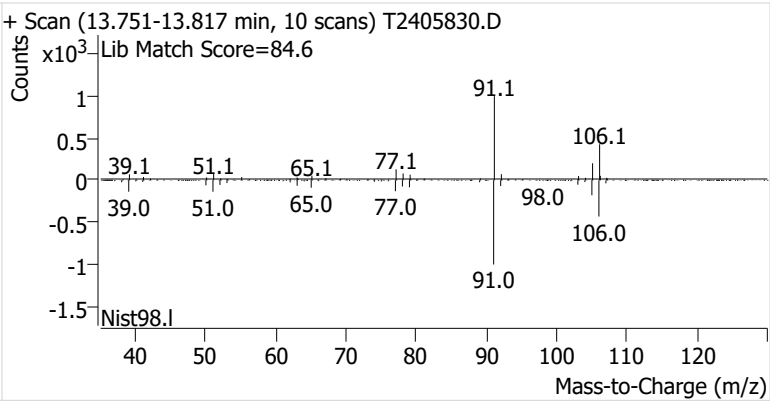
m-/p-Xylenes





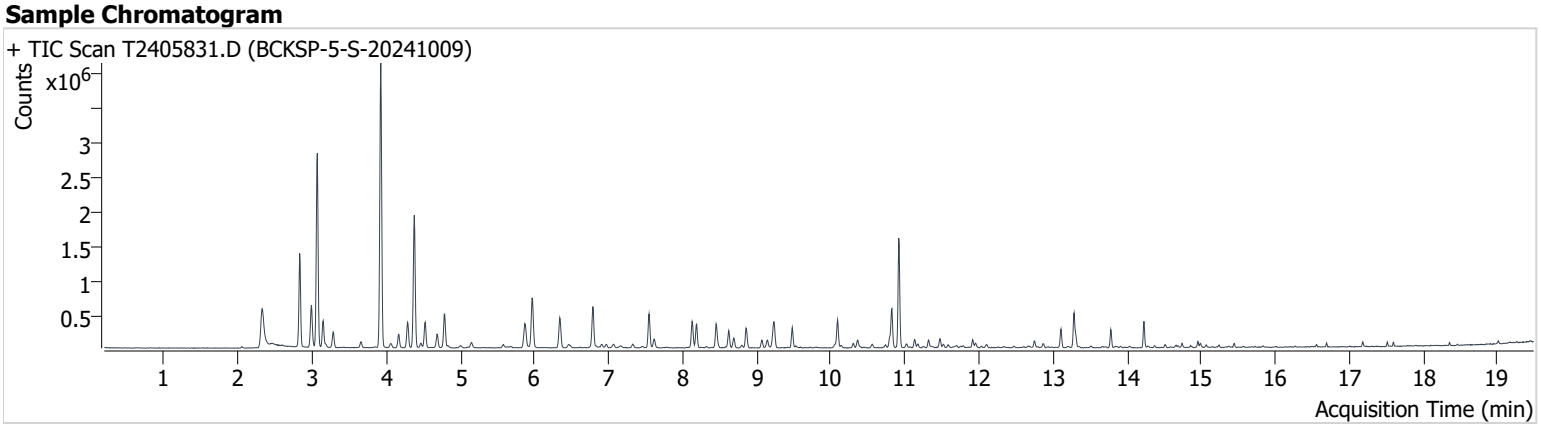
o-Xylene


+ EIC (91.1) Scan T2405830.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.751-13.817 min, 10 scans) T2405830.D
Counts
x10^3
Lib Match Score=84.6
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

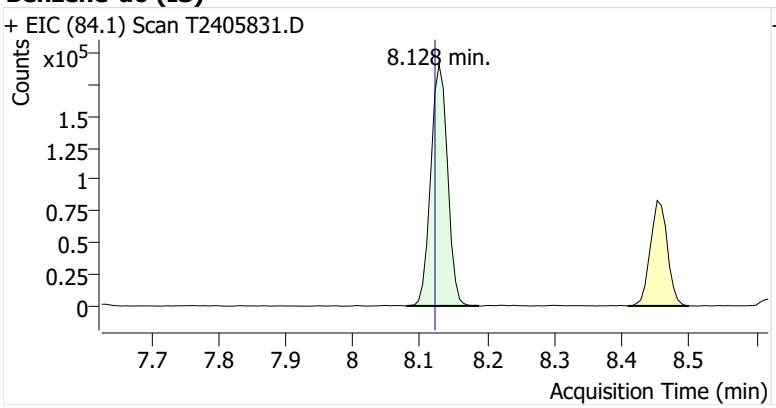
Name	BCKSP-5-S-20241009
Comment	B43930; Recollect
Data File	T2405831.D
Acq. Date-Time	10/29/2024 1:19:39 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

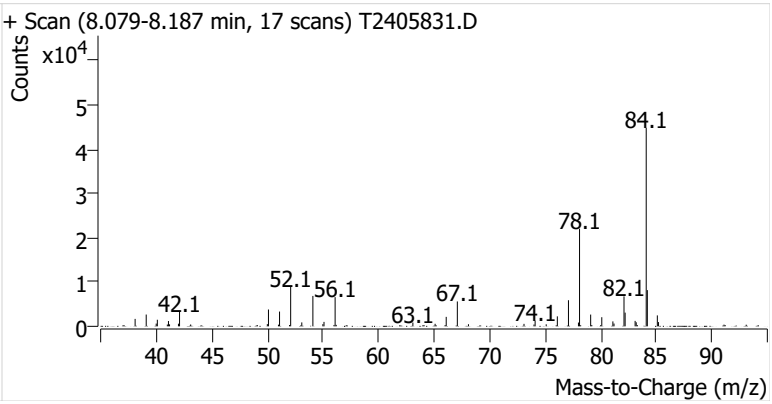
Sample Chromatogram



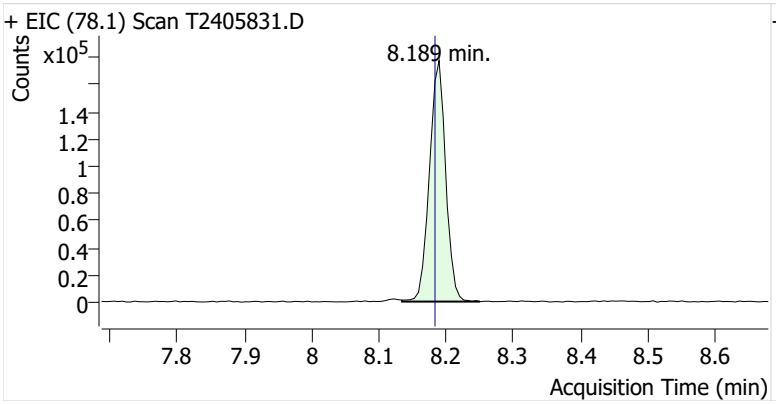
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	330,724	
Benzene	Benzene-d6 (IS)	8.189	8.183	296,565	
Toluene-d8 (IS)		10.826	10.820	360,527	
Toluene	Toluene-d8 (IS)	10.918	10.918	1,036,310	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	180,449	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	354,633	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	137,366	

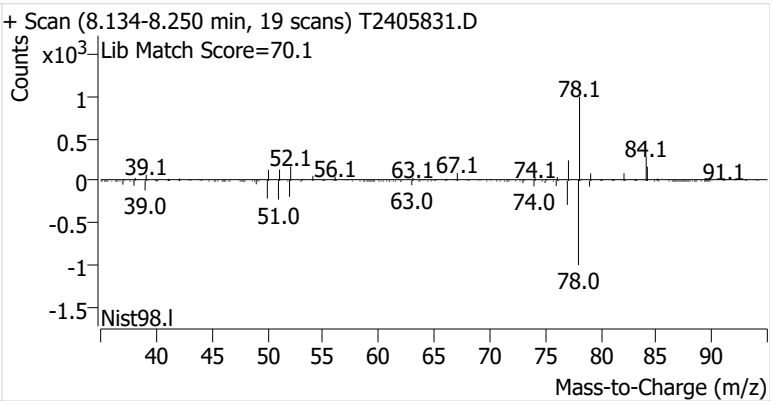
Benzene-d6 (IS)



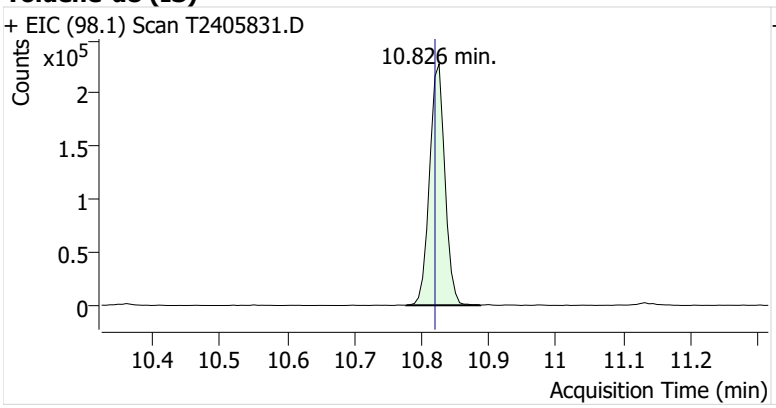


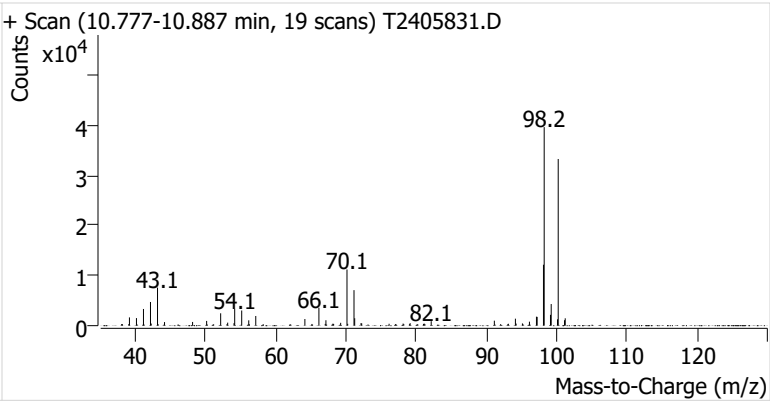
Benzene



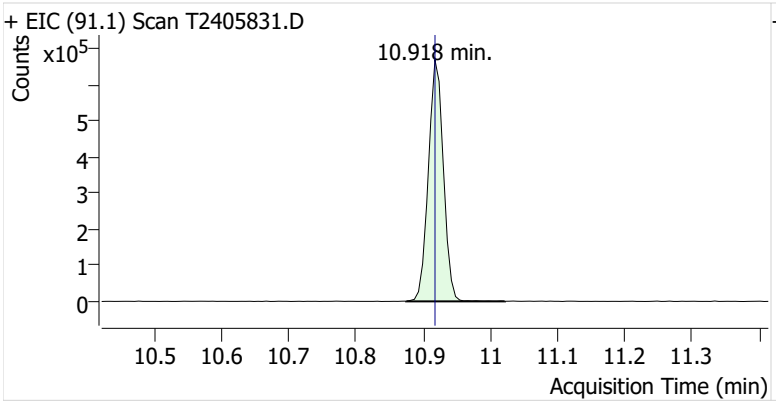


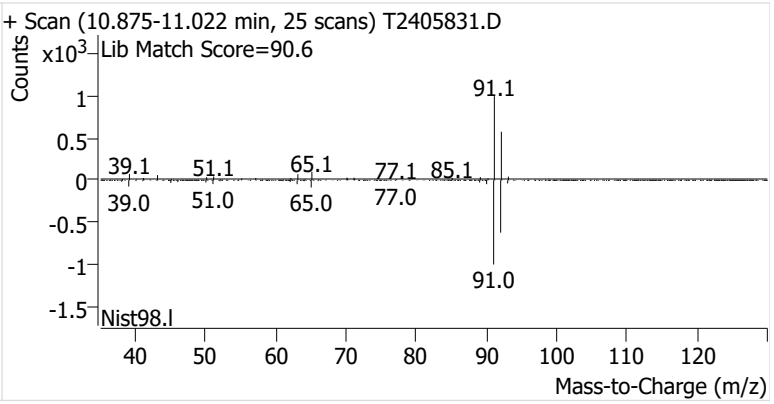
Toluene-d8 (IS)



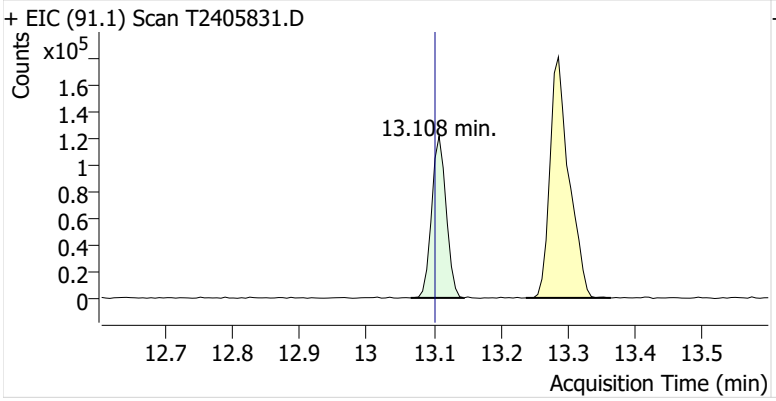


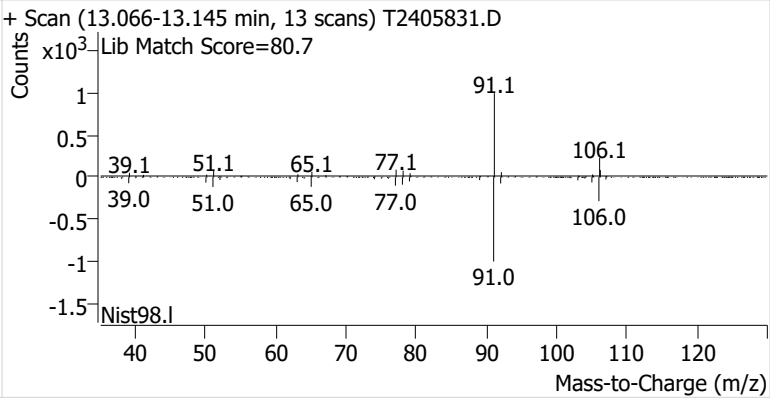
Toluene



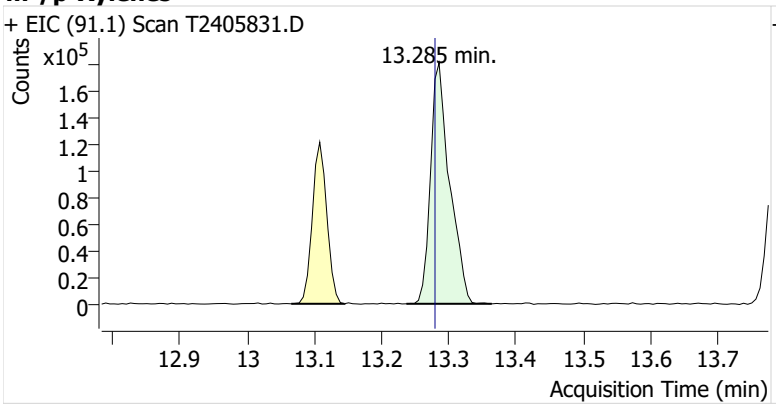


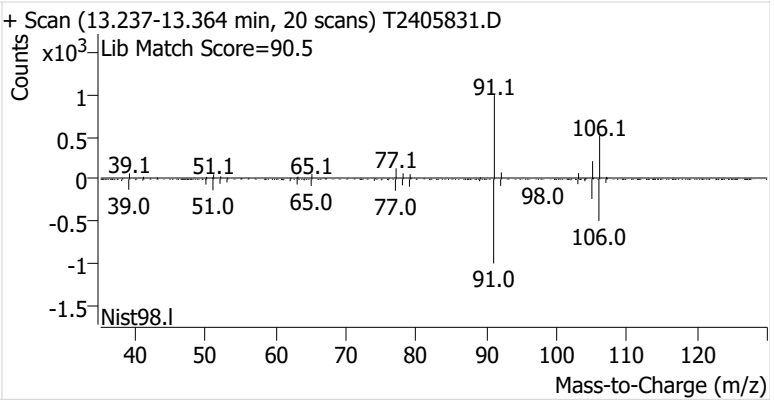
Ethylbenzene



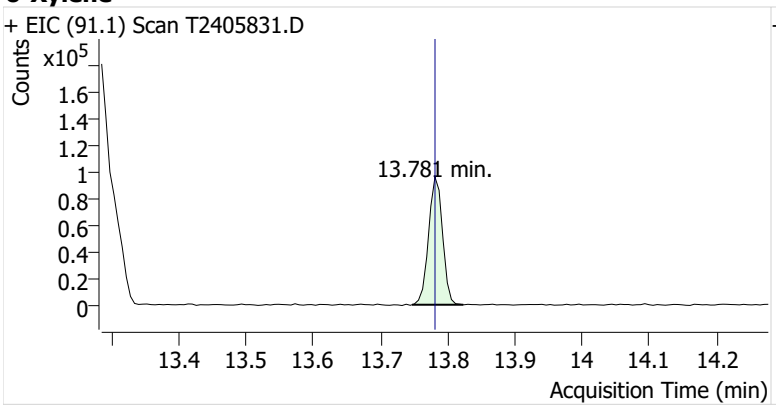


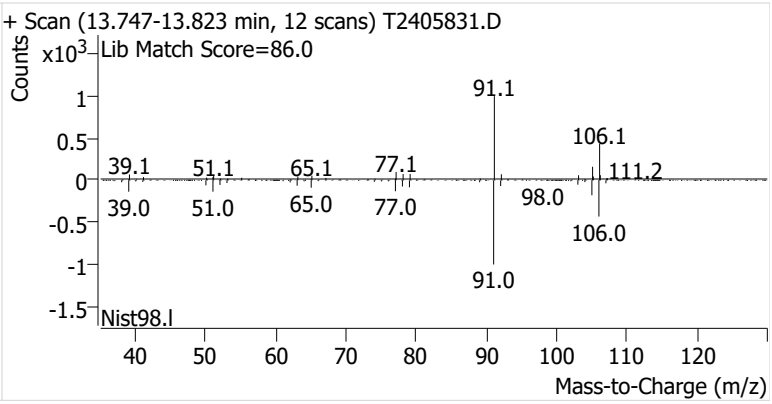
m-/p-Xylenes





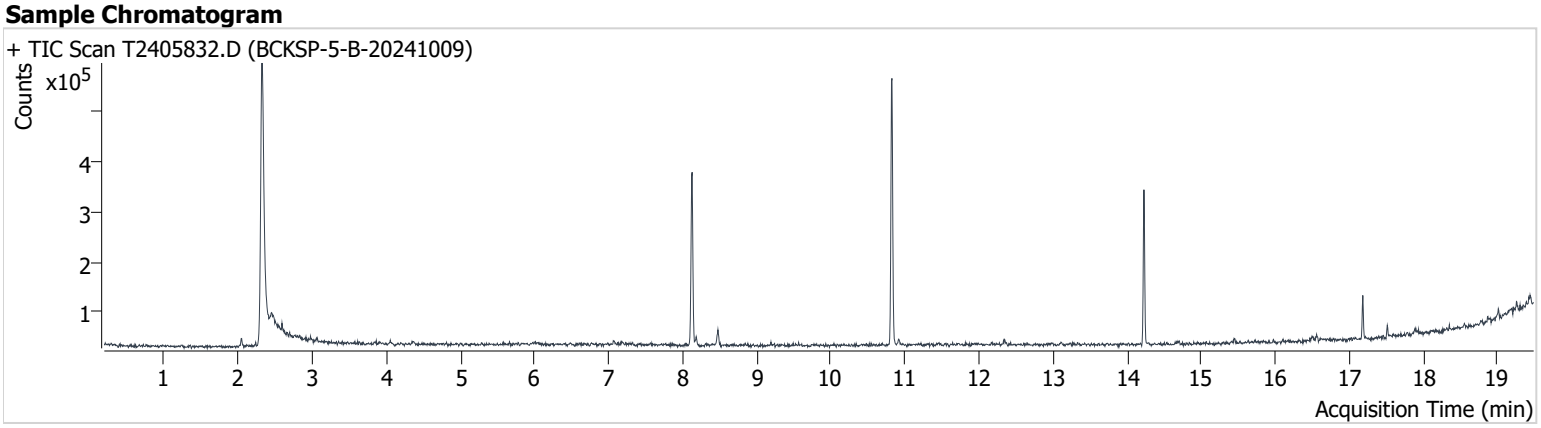
o-Xylene


+ EIC (91.1) Scan T2405831.D
Counts
x10^5
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.747-13.823 min, 12 scans) T2405831.D
Counts
x10^3
Lib Match Score=86.0
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.2
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

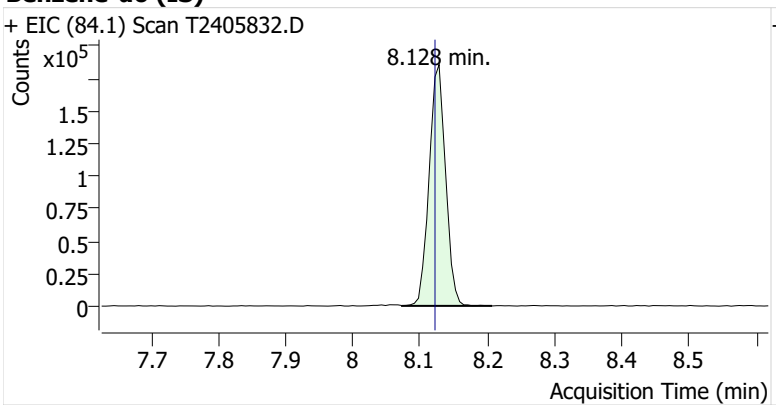
Name	BCKSP-5-B-20241009
Comment	C01353; Recollect
Data File	T2405832.D
Acq. Date-Time	10/29/2024 1:45:02 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

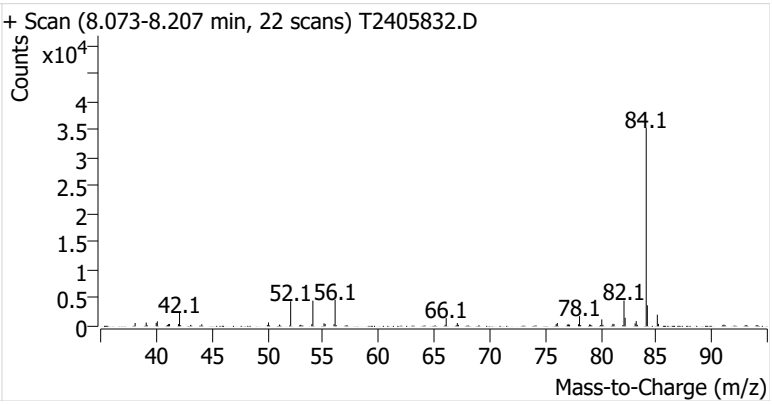
Sample Chromatogram



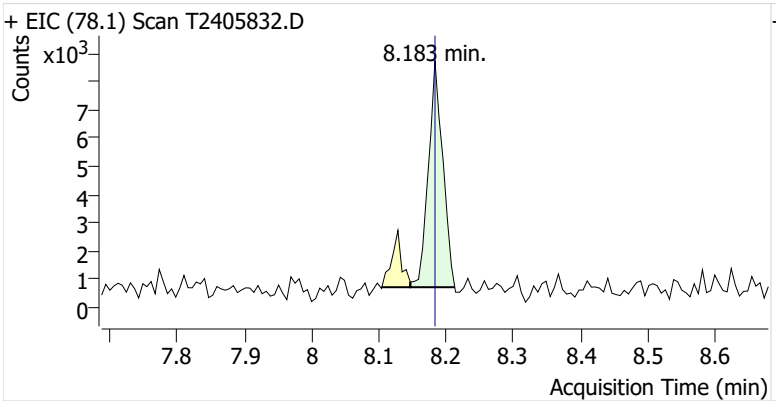
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	314,986	
Benzene	Benzene-d6 (IS)	8.183	8.183	11,786	
Toluene-d8 (IS)		10.826	10.820	353,763	
Toluene	Toluene-d8 (IS)	10.918	10.918	7,793	
Ethylbenzene	Toluene-d8 (IS)	13.114	13.102	1,466	m
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	2,204	
o-Xylene	Toluene-d8 (IS)	13.775	13.781	1,140	

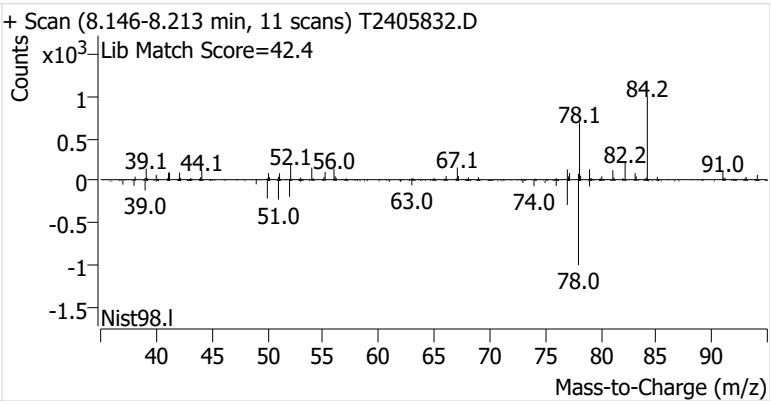
Benzene-d6 (IS)



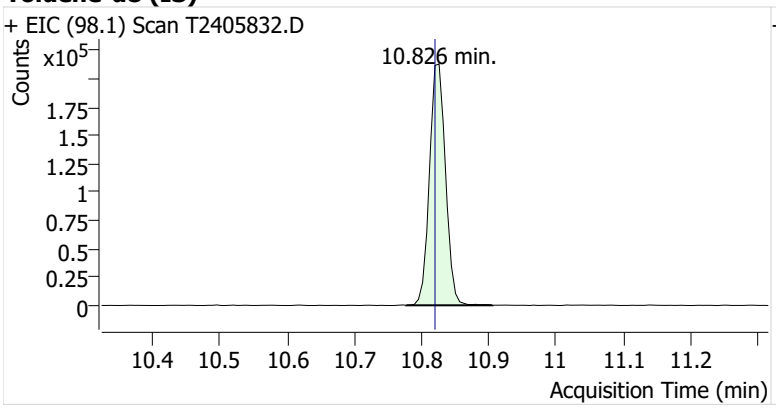


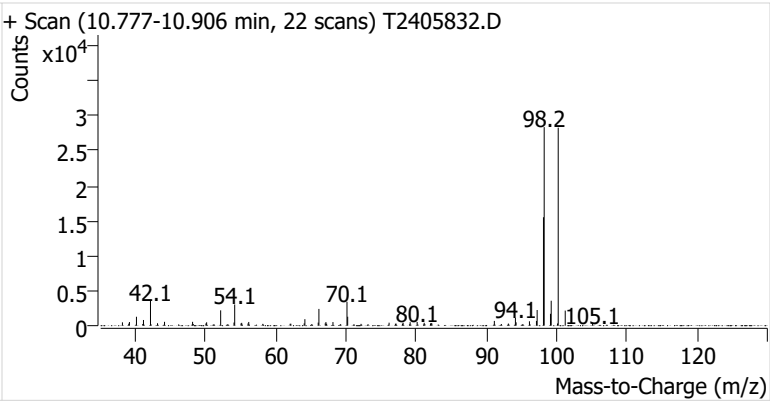
Benzene



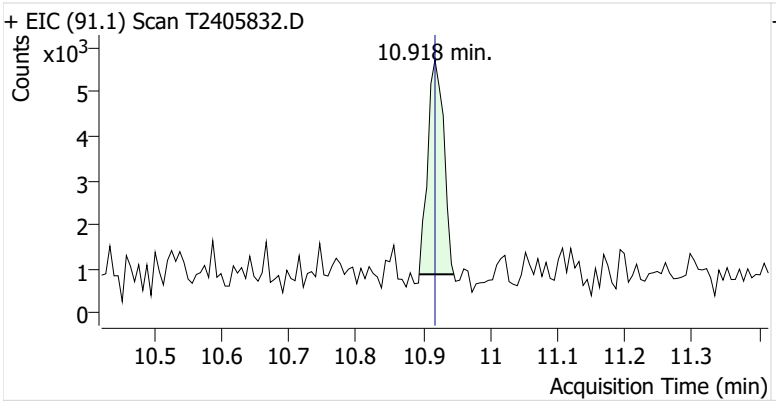


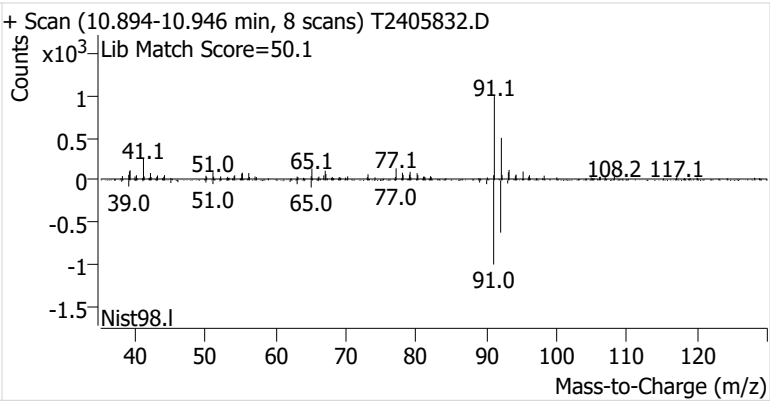
Toluene-d8 (IS)



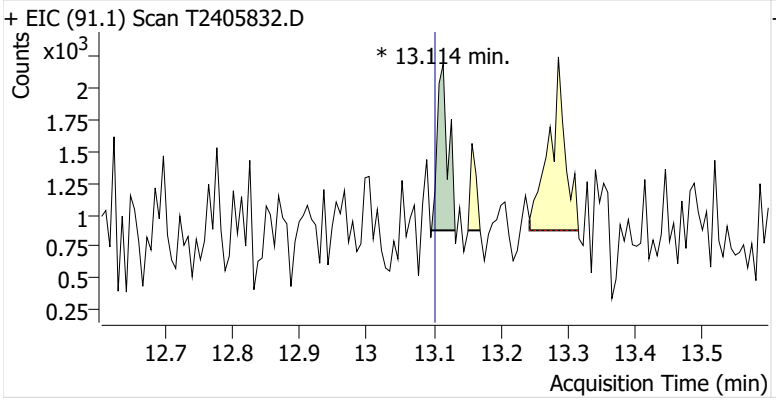


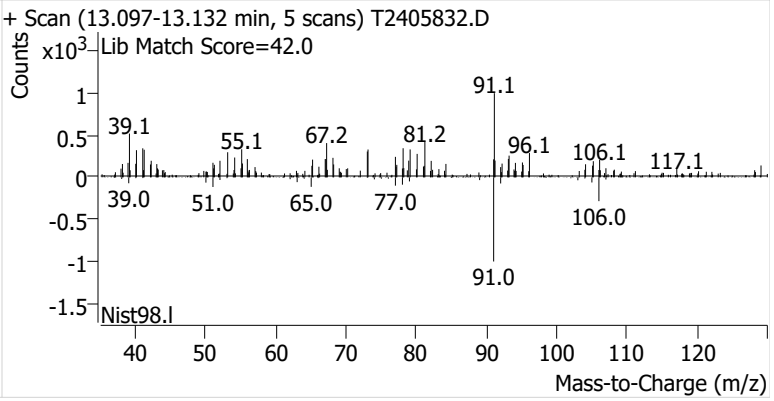
Toluene



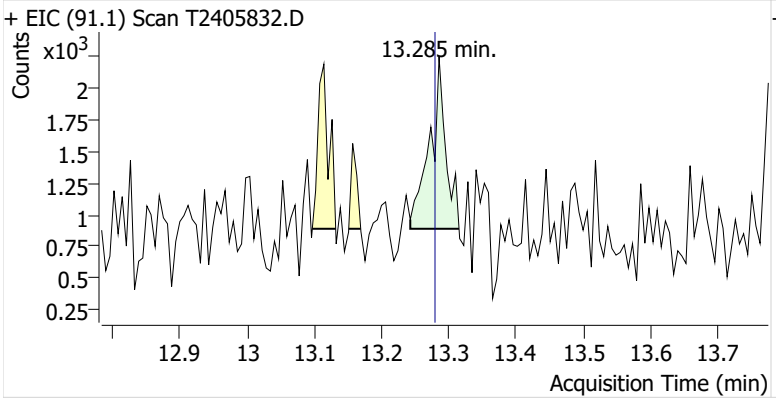


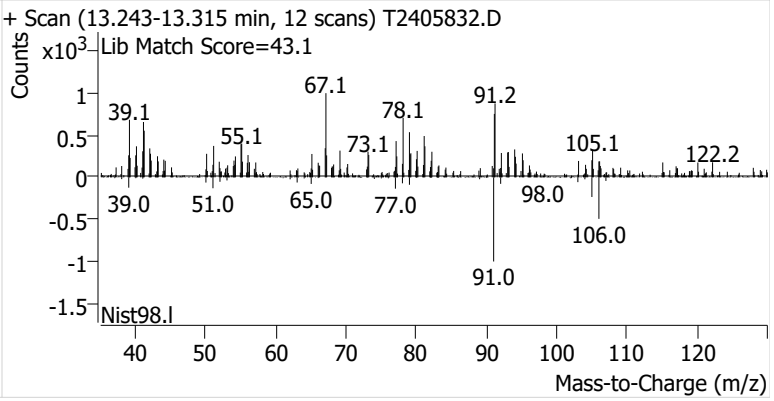
Ethylbenzene



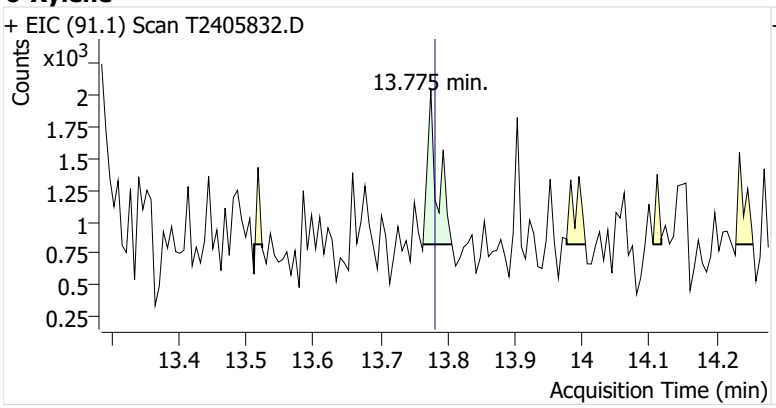


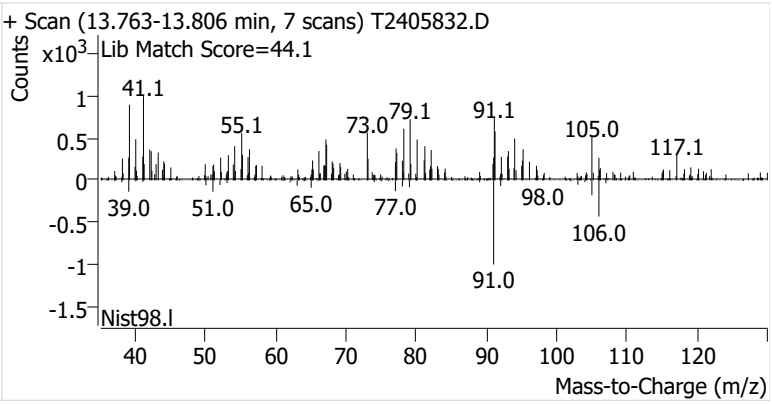
m-/p-Xylenes





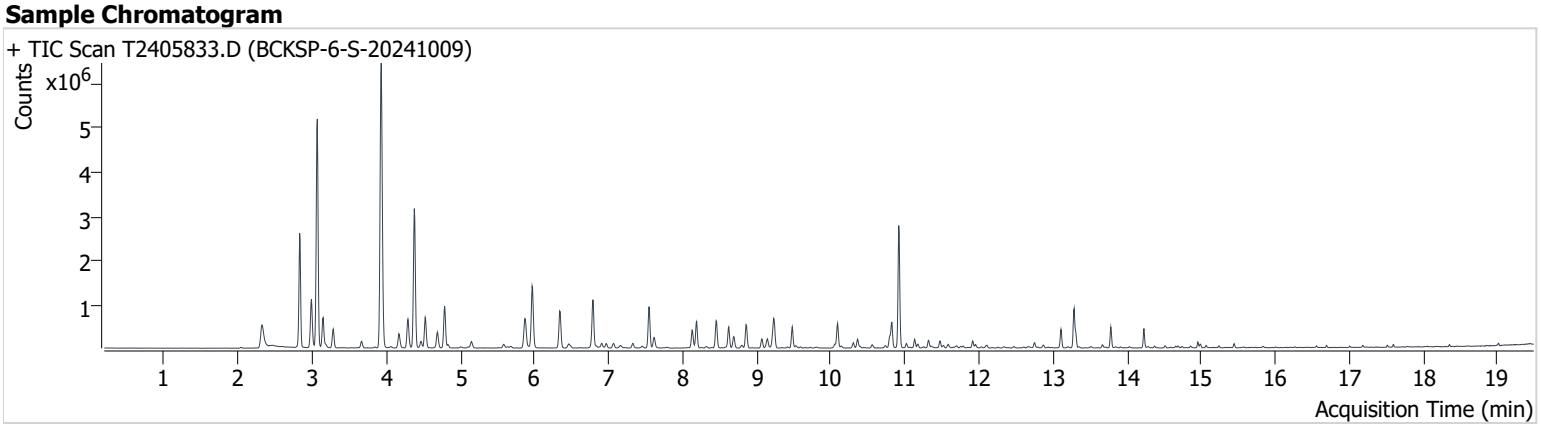
o-Xylene


+ EIC (91.1) Scan T2405832.D
Counts
x10^3
2
1.75
1.5
1.25
1
0.75
0.5
0.25
13.775 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.763-13.806 min, 7 scans) T2405832.D
Lib Match Score=44.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
73.0
79.1
91.1
105.0
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

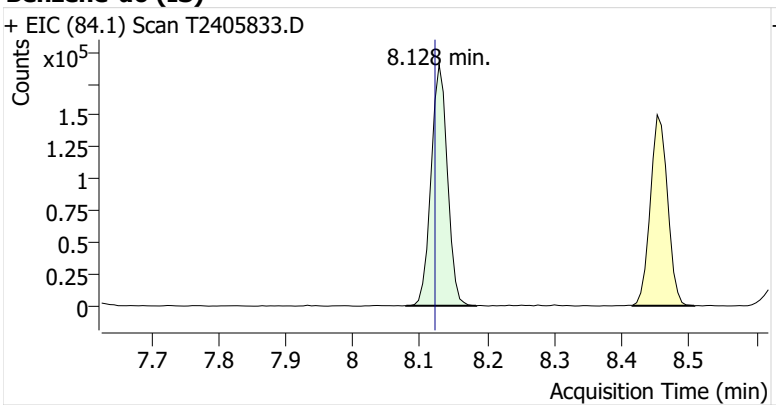
Name	BCKSP-6-S-20241009
Comment	B19770; Recollect
Data File	T2405833.D
Acq. Date-Time	10/29/2024 2:10:48 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

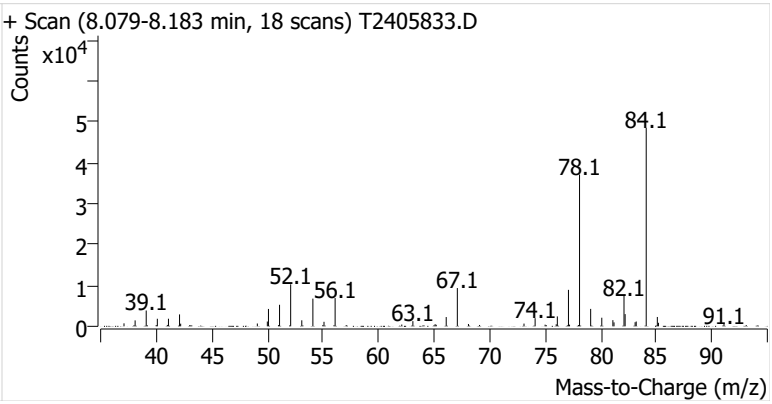
Sample Chromatogram



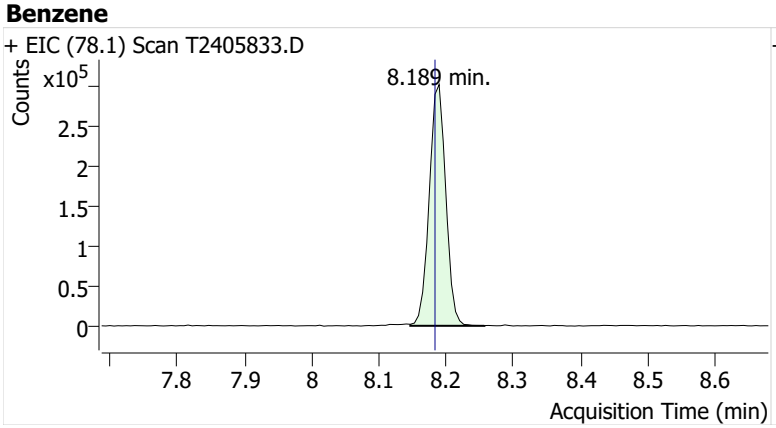
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	320,386	
Benzene	Benzene-d6 (IS)	8.189	8.183	514,186	
Toluene-d8 (IS)		10.826	10.820	362,696	
Toluene	Toluene-d8 (IS)	10.918	10.918	1,799,782	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	274,130	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	639,519	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	246,537	

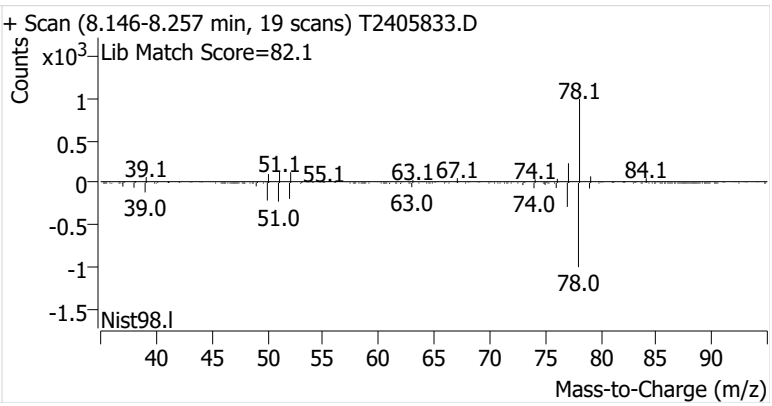
Benzene-d6 (IS)



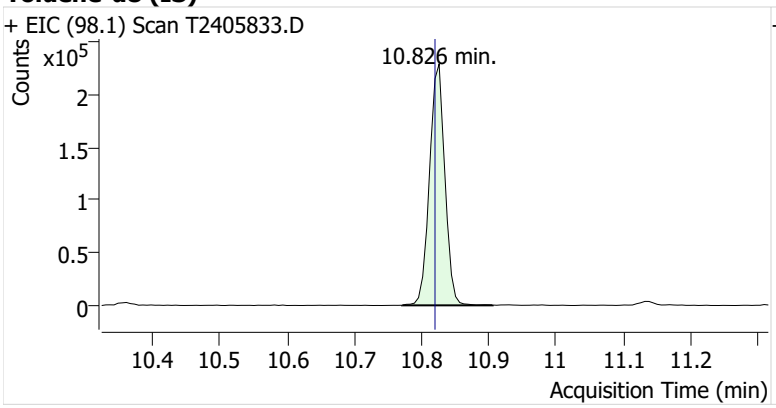


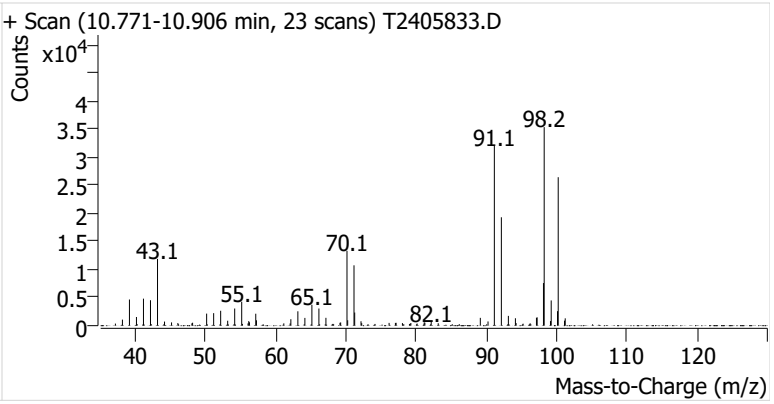
Benzene



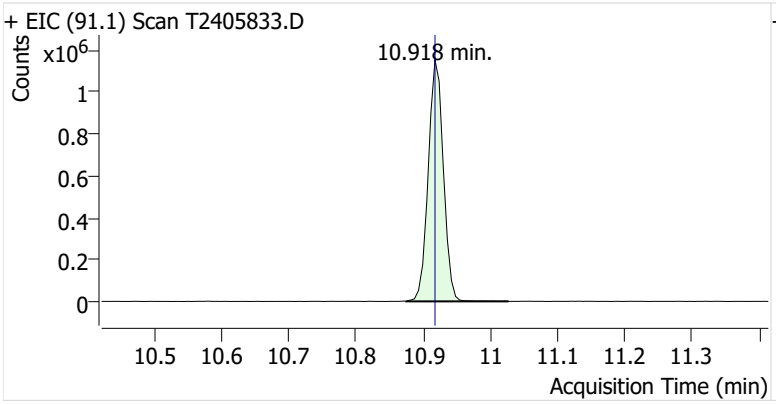


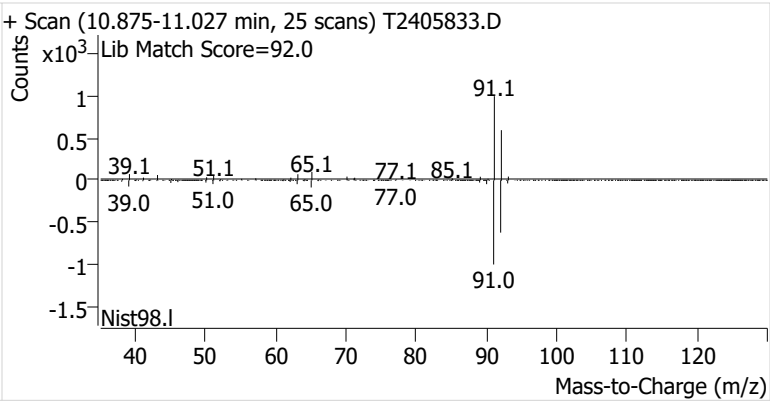
Toluene-d8 (IS)



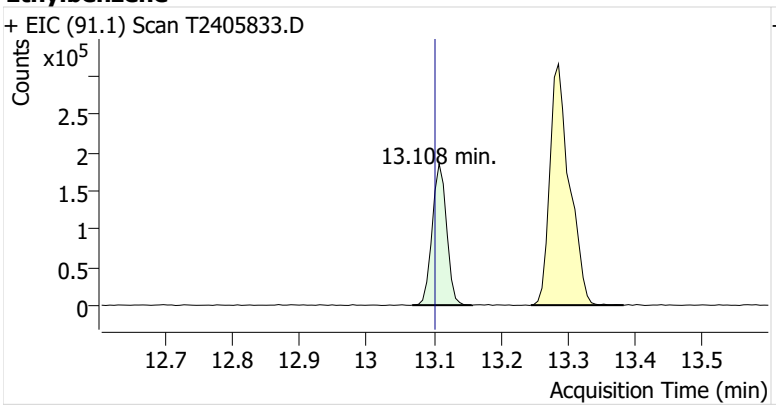


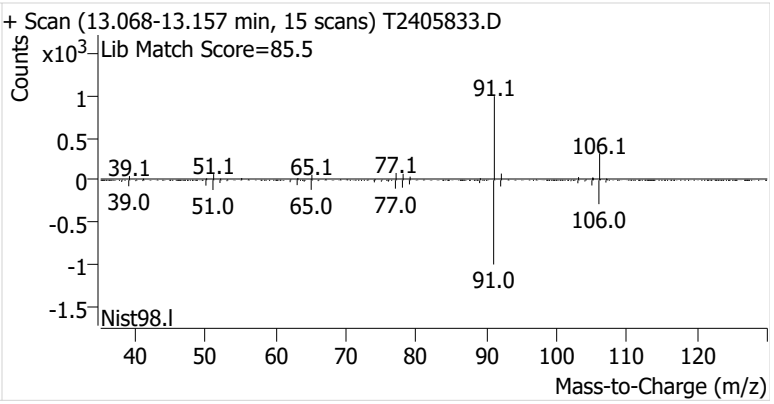
Toluene



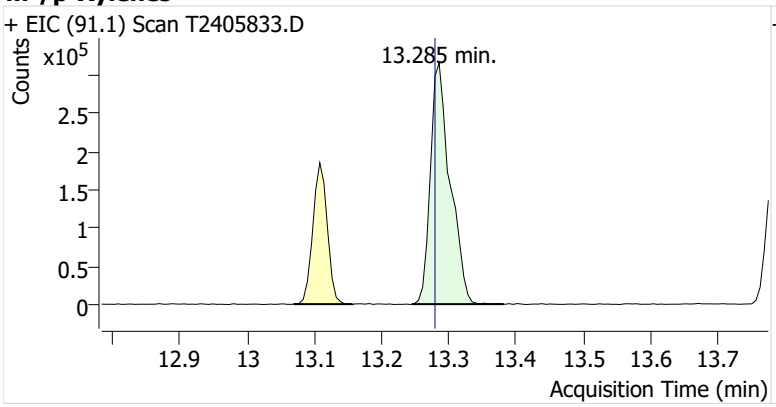


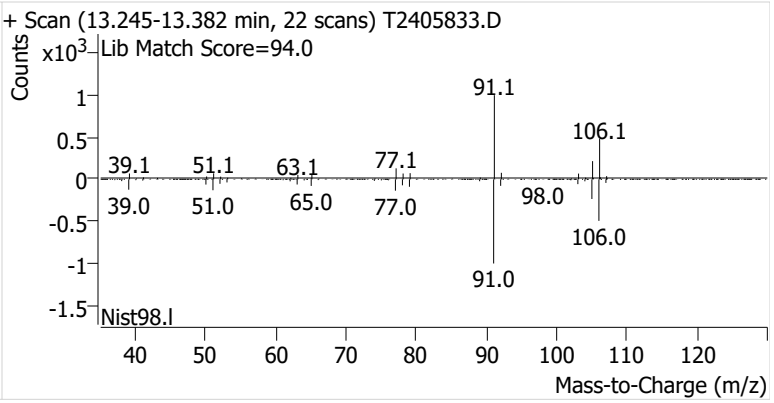
Ethylbenzene



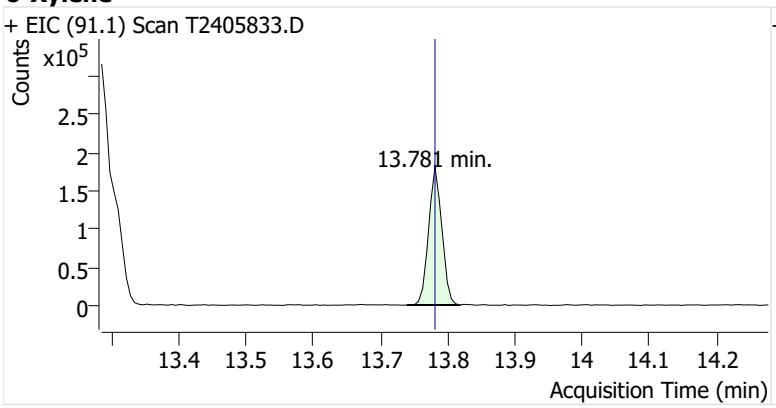


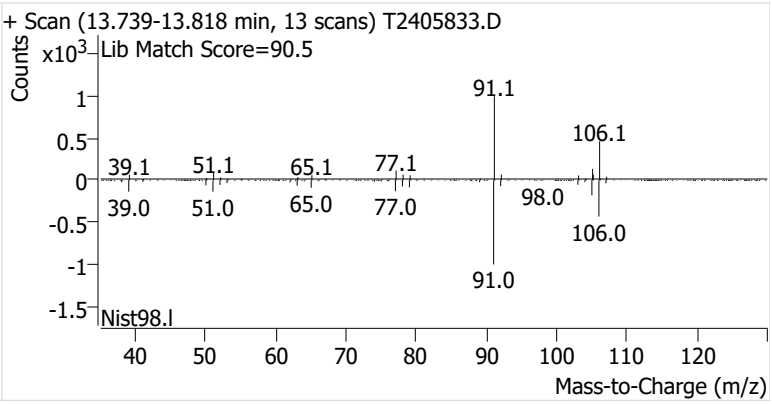
m-/p-Xylenes





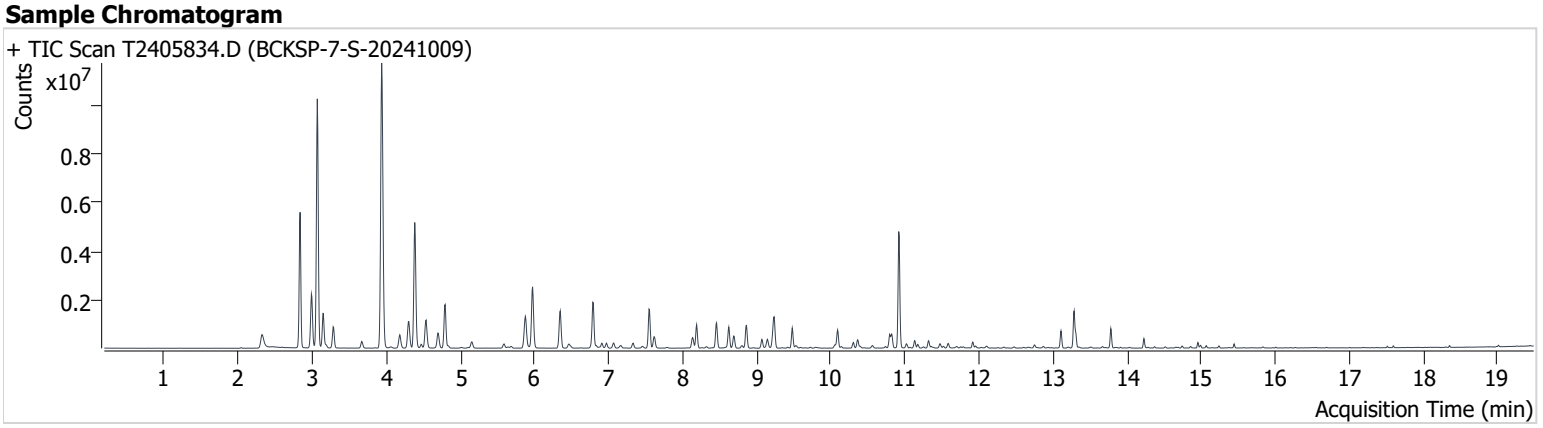
o-Xylene


+ EIC (91.1) Scan T2405833.D
Counts
x10^5
2.5
2
1.5
1
0.5
0
13.781 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.739-13.818 min, 13 scans) T2405833.D
Lib Match Score=90.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1 51.1 65.1 77.1
98.0
39.0 51.0 65.0 77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

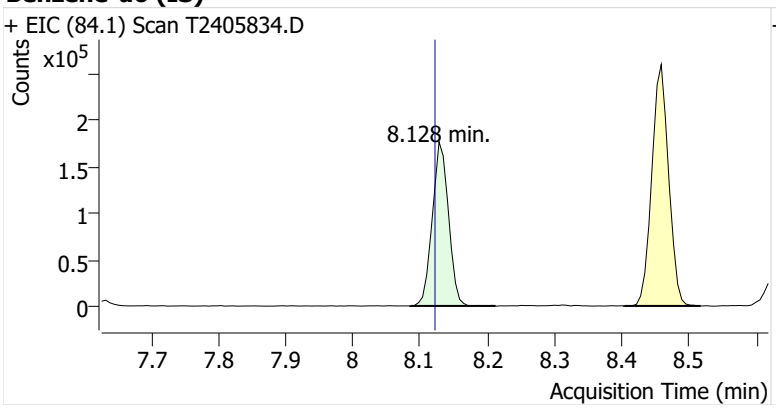
Name	BCKSP-7-S-20241009
Comment	C01496; Recollect
Data File	T2405834.D
Acq. Date-Time	10/29/2024 2:36:22 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

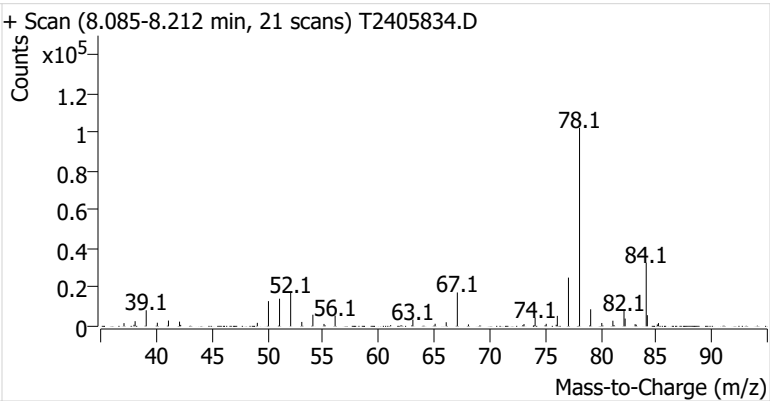
Sample Chromatogram



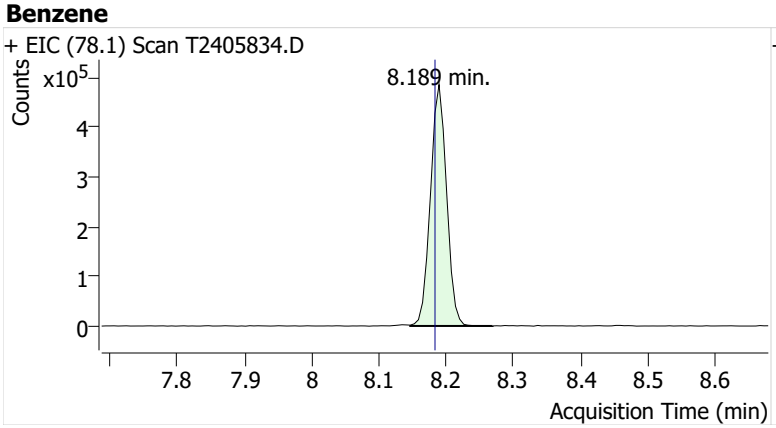
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	296,434	
Benzene	Benzene-d6 (IS)	8.189	8.183	808,858	
Toluene-d8 (IS)		10.826	10.820	339,547	
Toluene	Toluene-d8 (IS)	10.918	10.918	3,100,635	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	477,345	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	1,098,902	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	422,693	

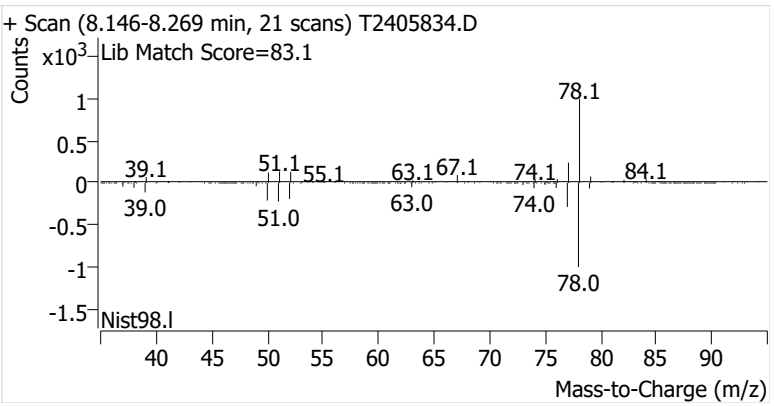
Benzene-d6 (IS)



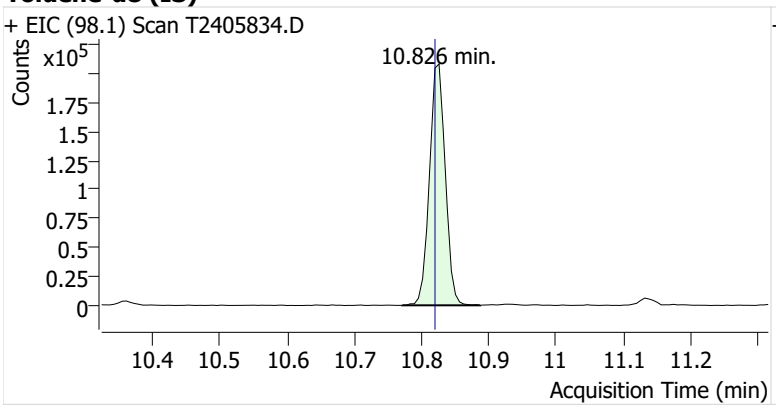


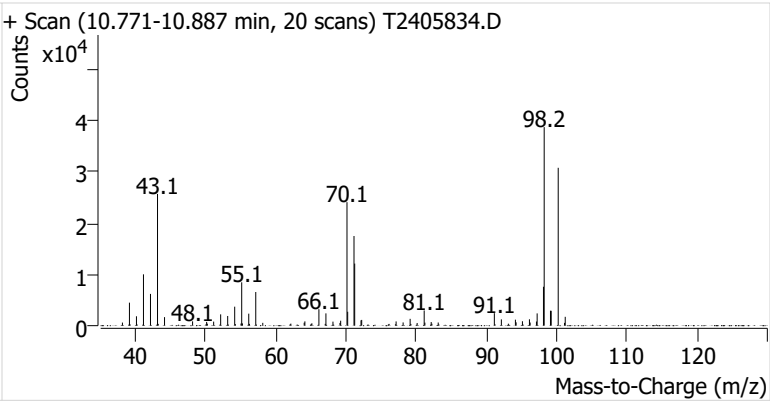
Benzene



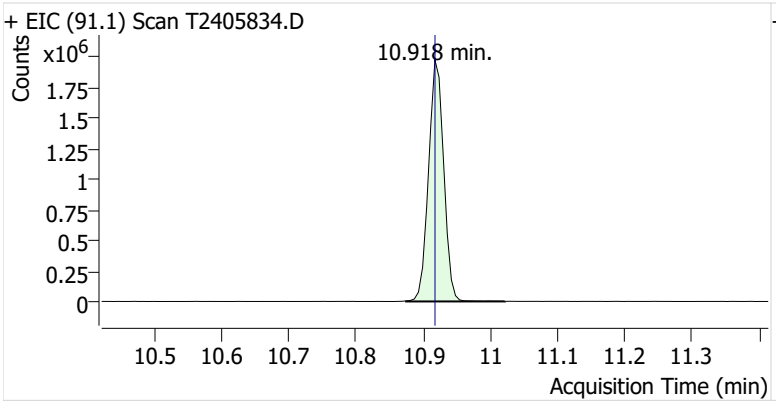


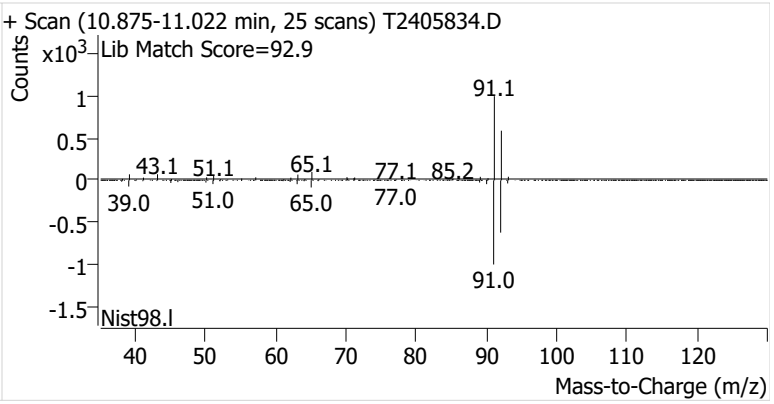
Toluene-d8 (IS)



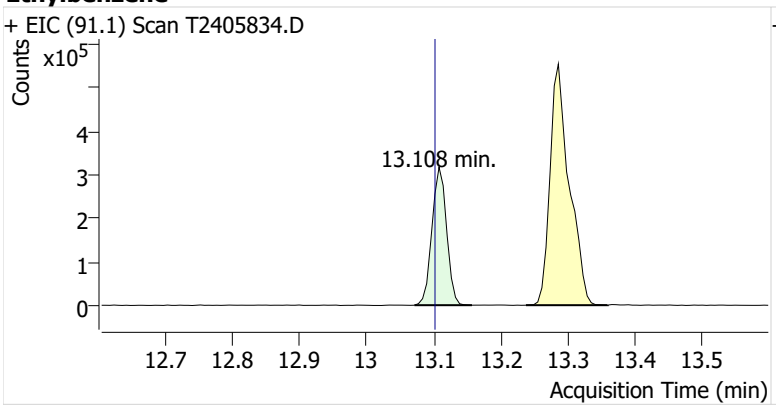


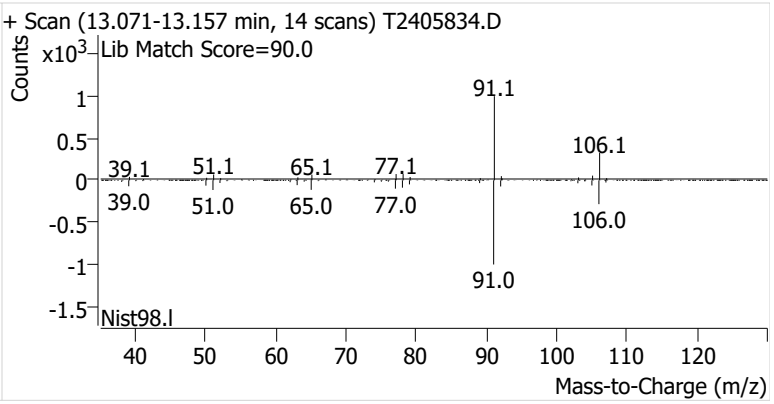
Toluene



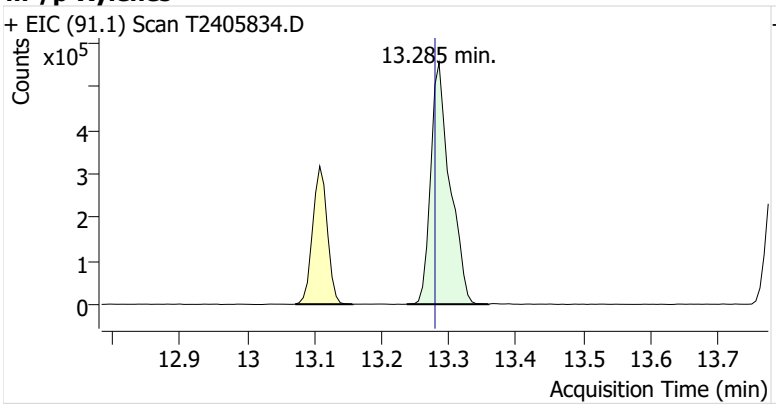


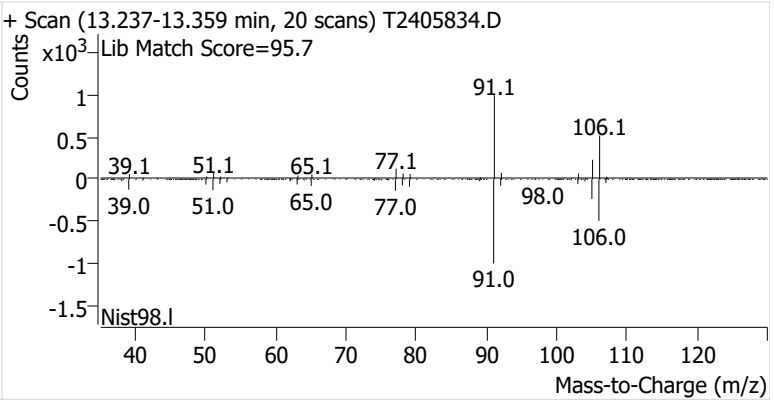
Ethylbenzene



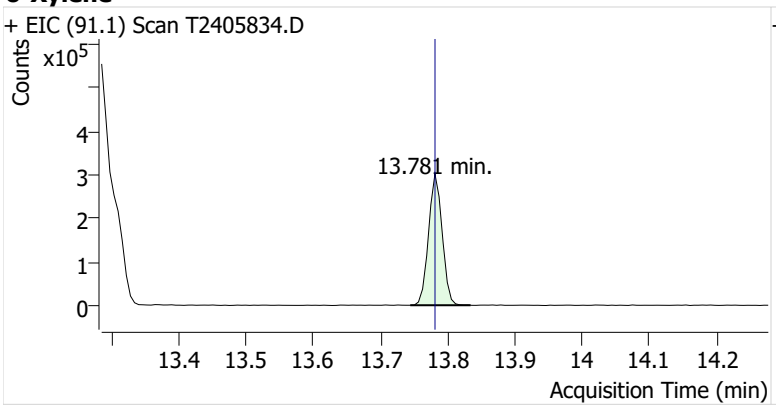


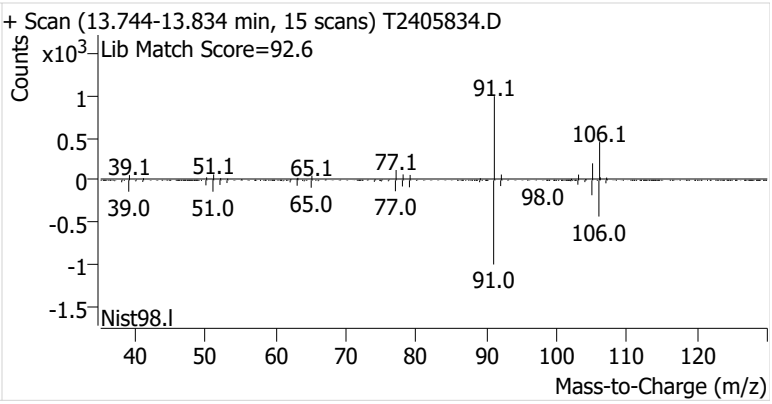
m-/p-Xylenes





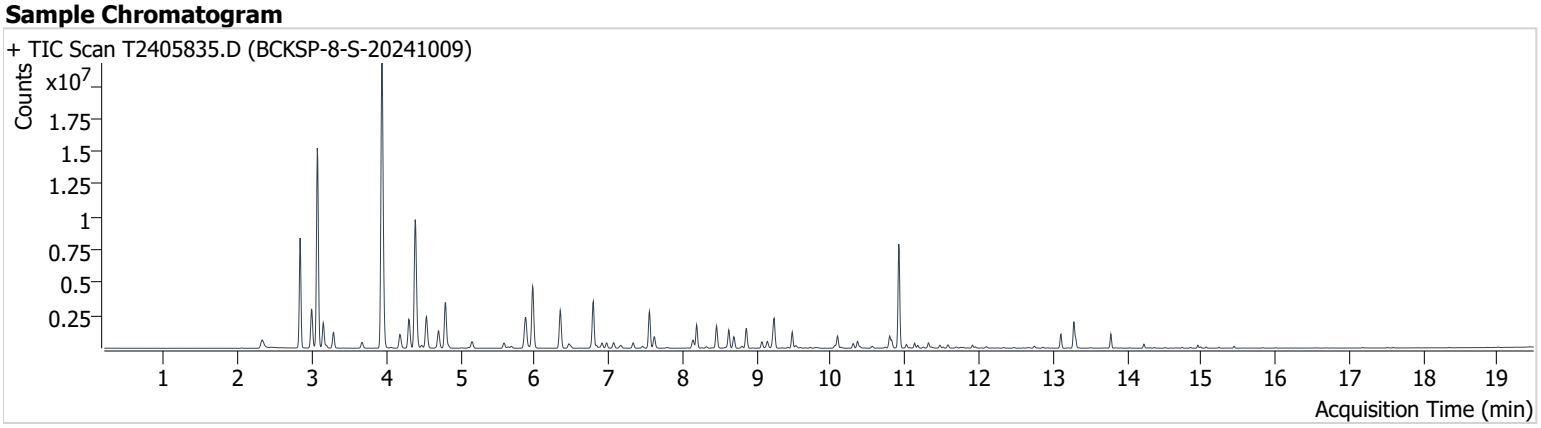
o-Xylene


+ EIC (91.1) Scan T2405834.D
Counts
x10^5
13.781 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.744-13.834 min, 15 scans) T2405834.D
Lib Match Score=92.6
Counts
x10^3
91.1
106.1
39.1 51.1 65.1 77.1
98.0
39.0 51.0 65.0 77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

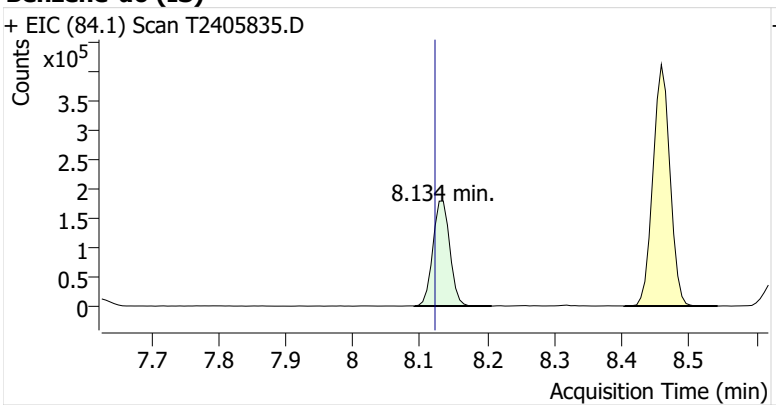
Name	BCKSP-8-S-20241009
Comment	B28960; Recollect
Data File	T2405835.D
Acq. Date-Time	10/29/2024 3:02:15 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

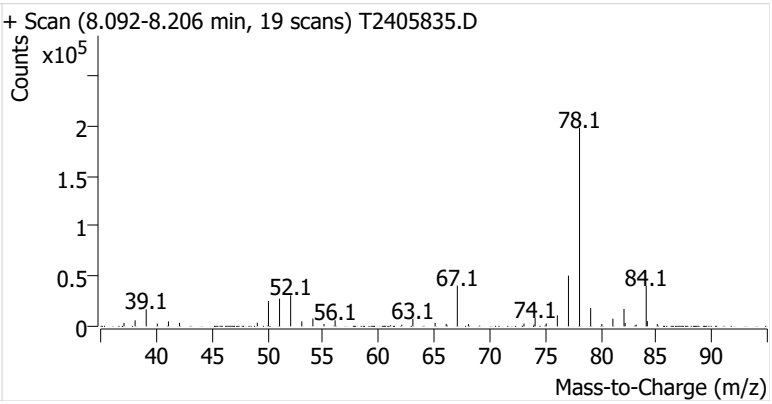
Sample Chromatogram



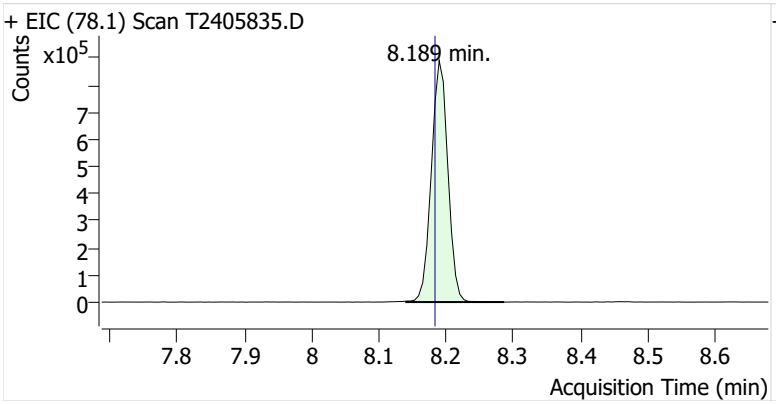
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.134	8.122	315,443	
Benzene	Benzene-d6 (IS)	8.189	8.183	1,521,911	
Toluene-d8 (IS)		10.820	10.820	346,138	
Toluene	Toluene-d8 (IS)	10.918	10.918	5,128,900	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	726,881	
m-/p-Xylenes	Toluene-d8 (IS)	13.279	13.279	1,459,579	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	546,385	

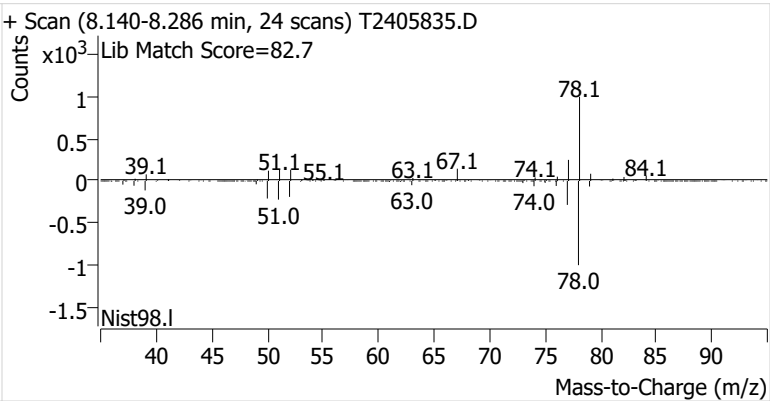
Benzene-d6 (IS)



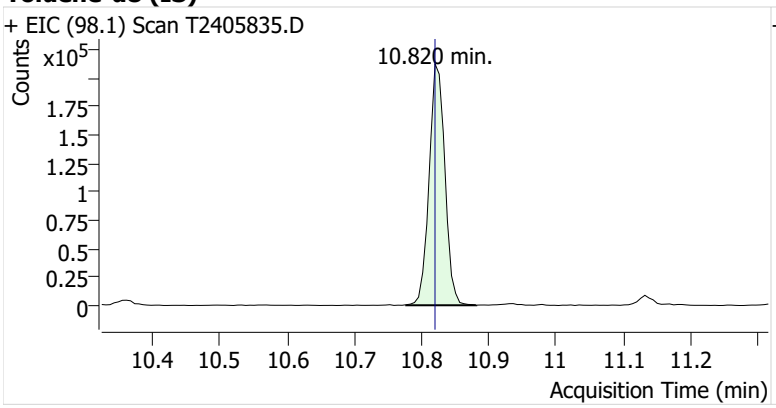


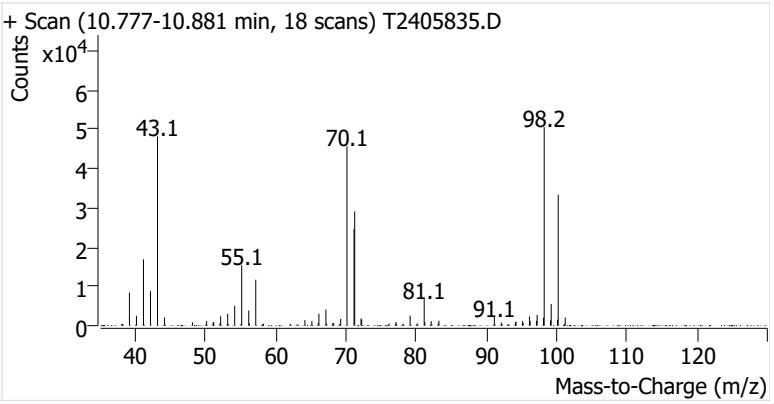
Benzene



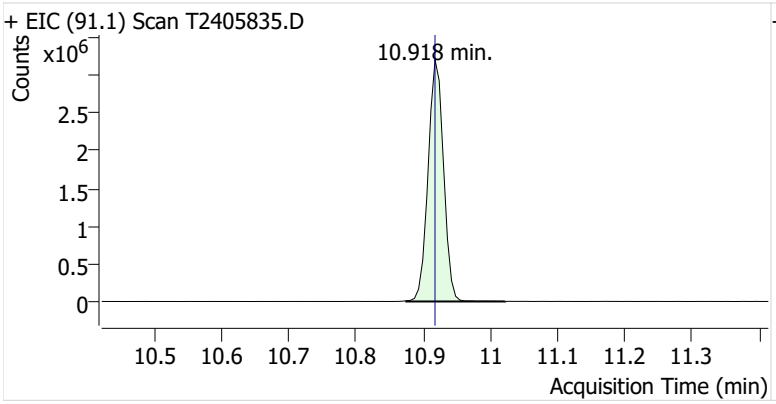


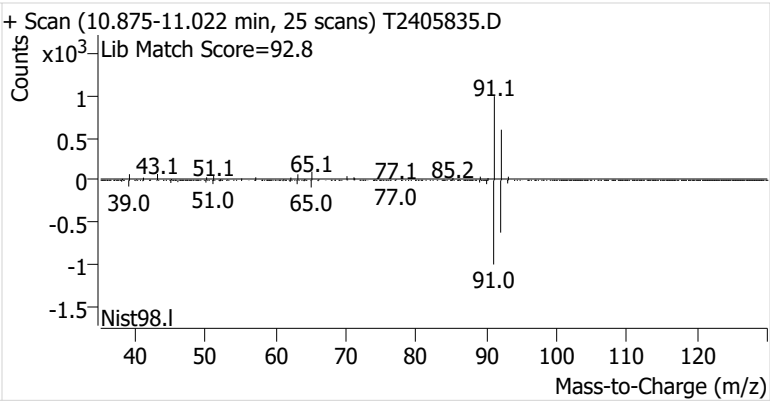
Toluene-d8 (IS)



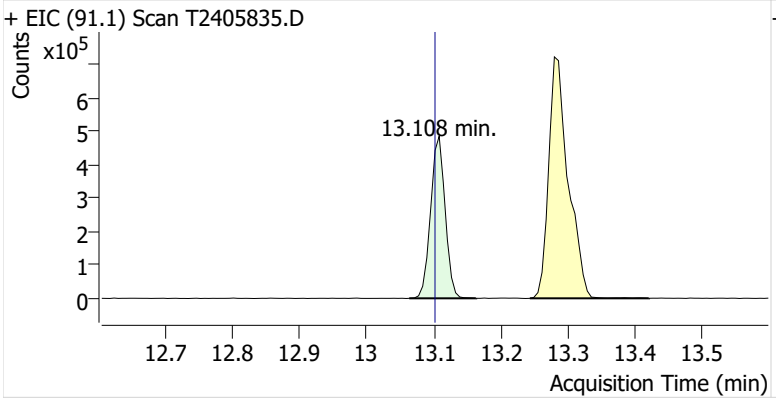


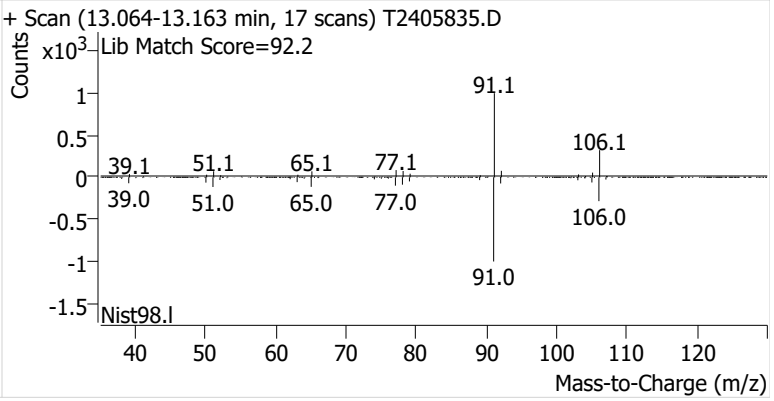
Toluene



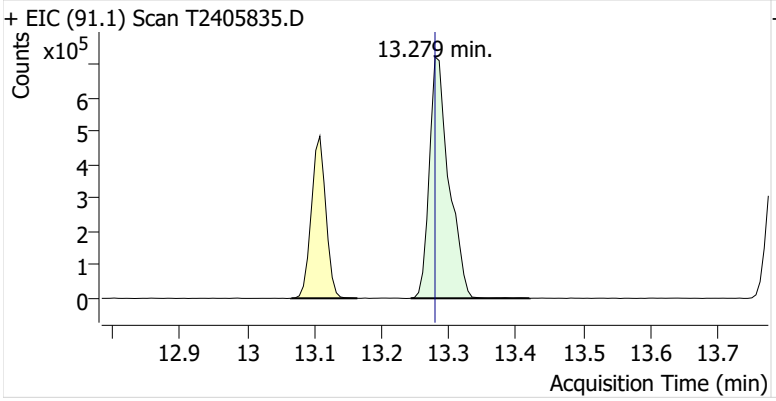


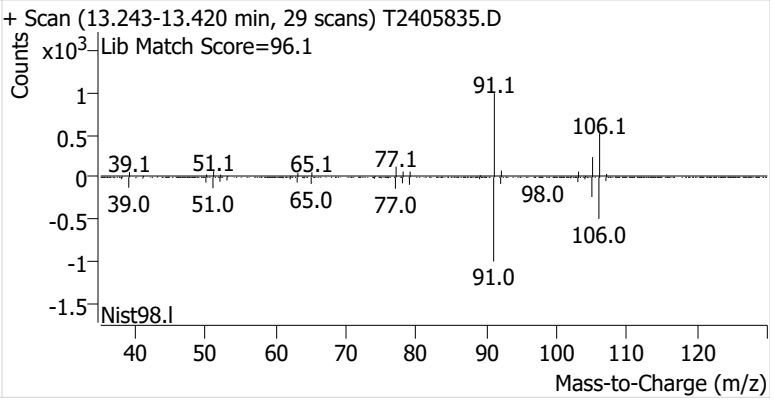
Ethylbenzene



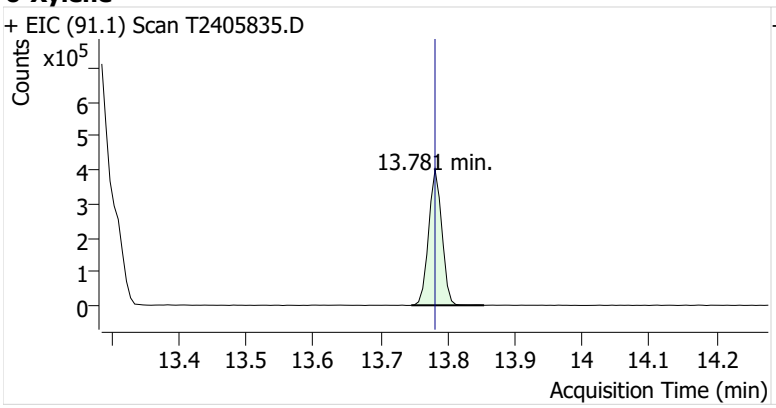


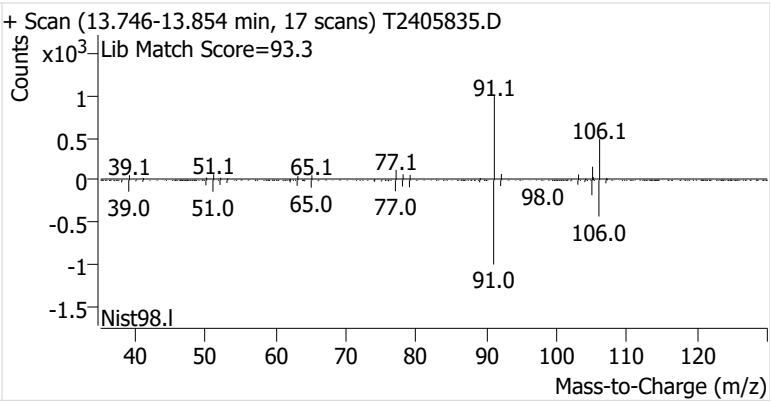
m-/p-Xylenes





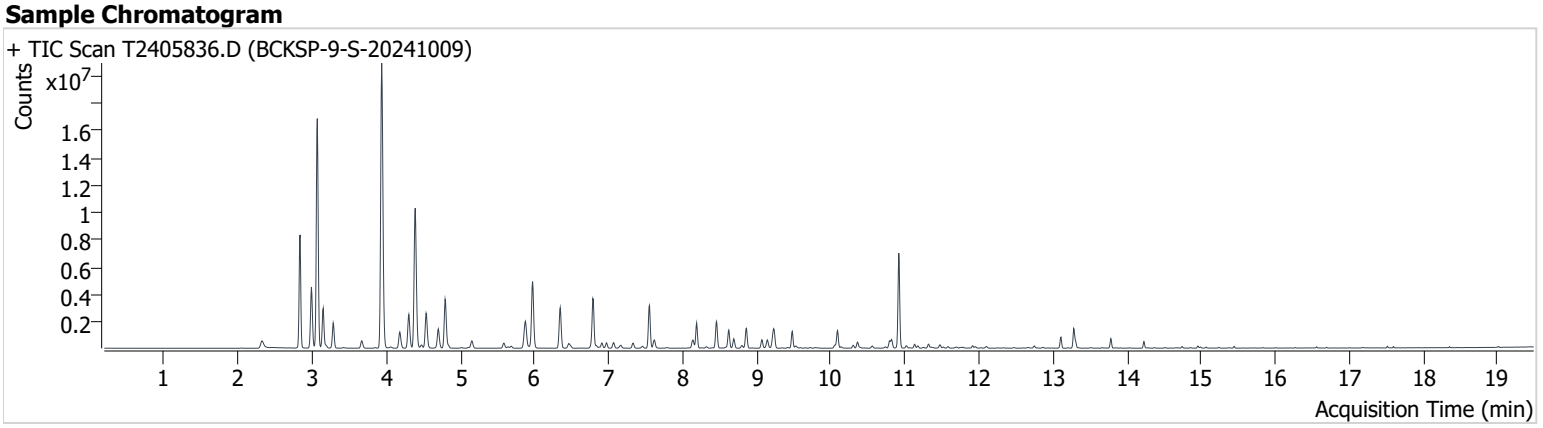
o-Xylene


+ EIC (91.1) Scan T2405835.D
Counts
x10^5
13.781 min.
Acquisition Time (min)


+ Scan (13.746-13.854 min, 17 scans) T2405835.D
Counts
x10^3
Lib Match Score=93.3
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

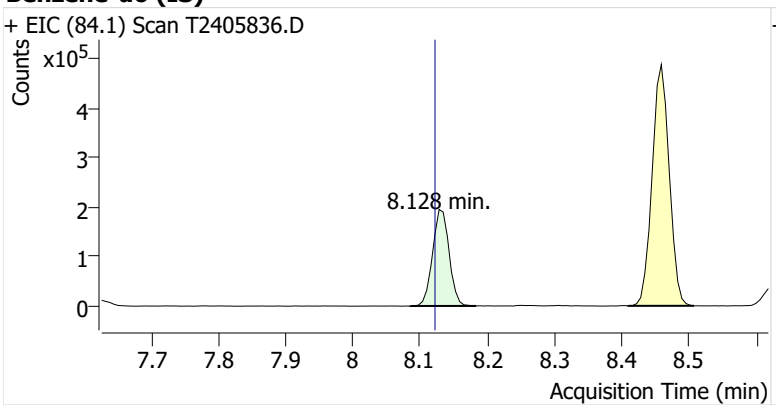
Name	BCKSP-9-S-20241009
Comment	B42760
Data File	T2405836.D
Acq. Date-Time	10/29/2024 3:27:57 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

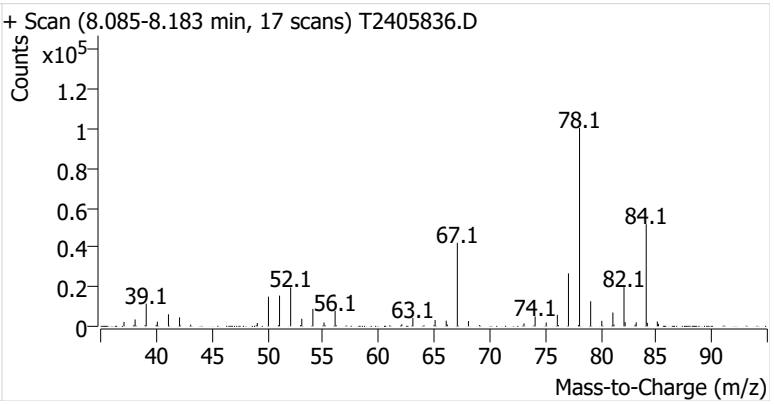
Sample Chromatogram



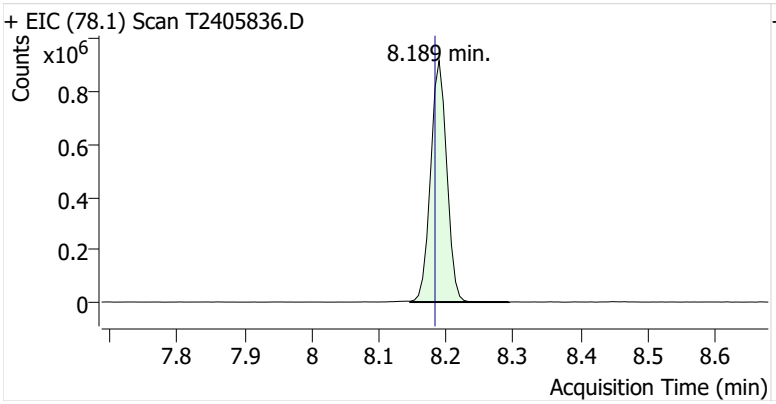
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	332,584	
Benzene	Benzene-d6 (IS)	8.189	8.183	1,538,154	
Toluene-d8 (IS)		10.820	10.820	377,837	
Toluene	Toluene-d8 (IS)	10.918	10.918	4,589,790	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	560,973	
m-/p-Xylenes	Toluene-d8 (IS)	13.279	13.279	1,034,022	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	370,896	

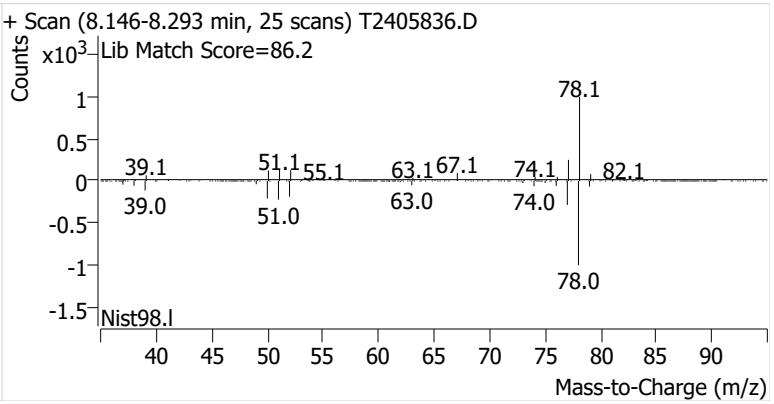
Benzene-d6 (IS)



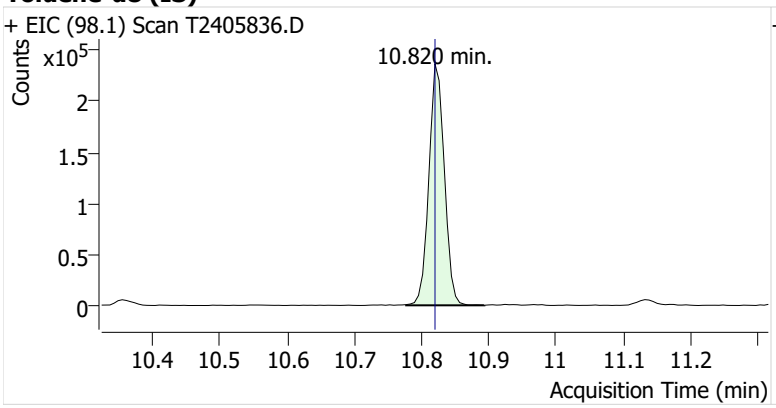


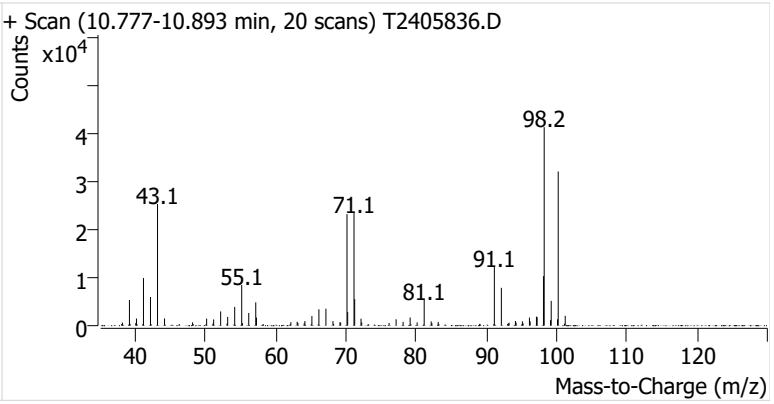
Benzene



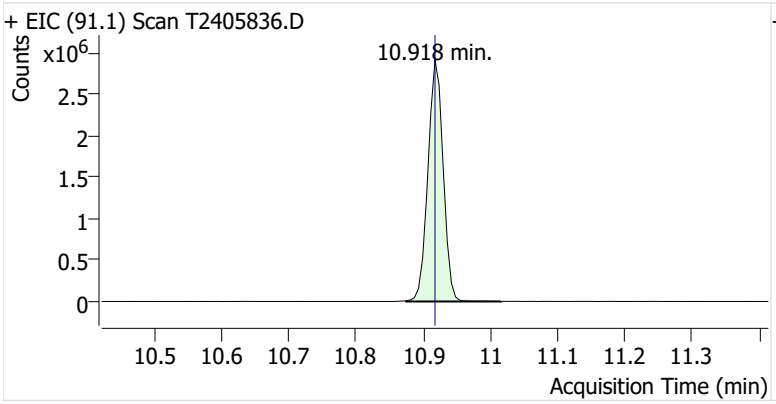


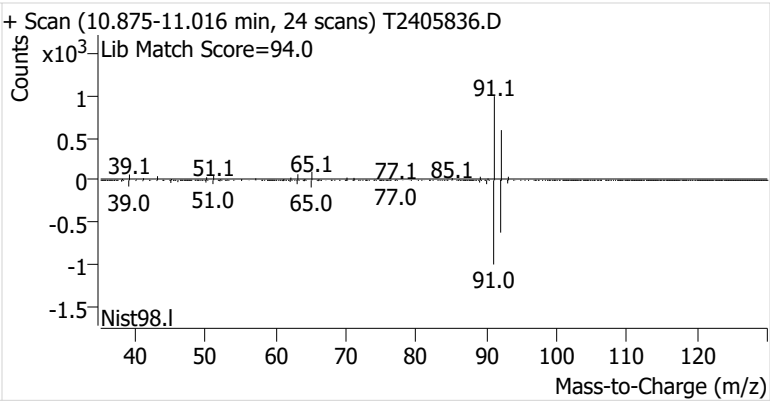
Toluene-d8 (IS)



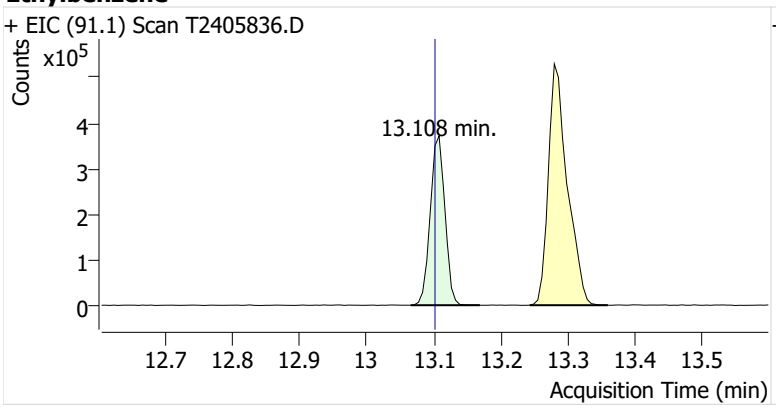


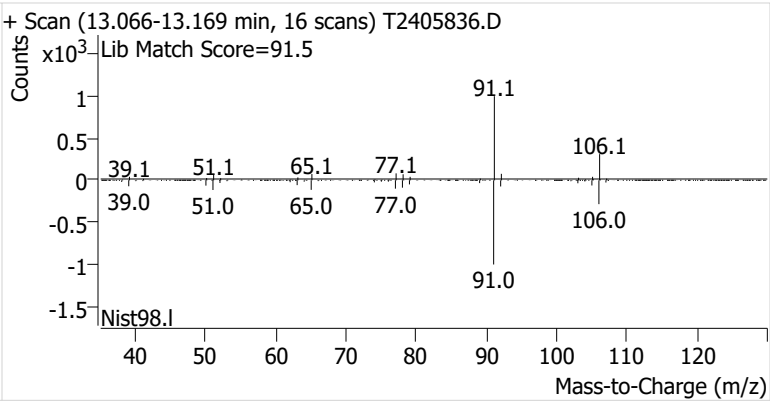
Toluene



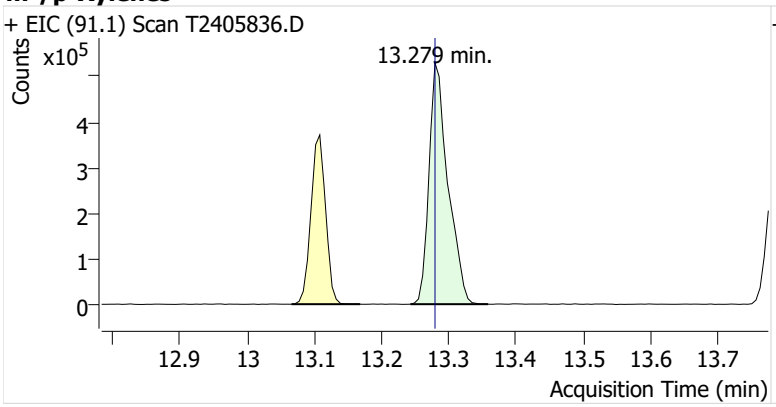


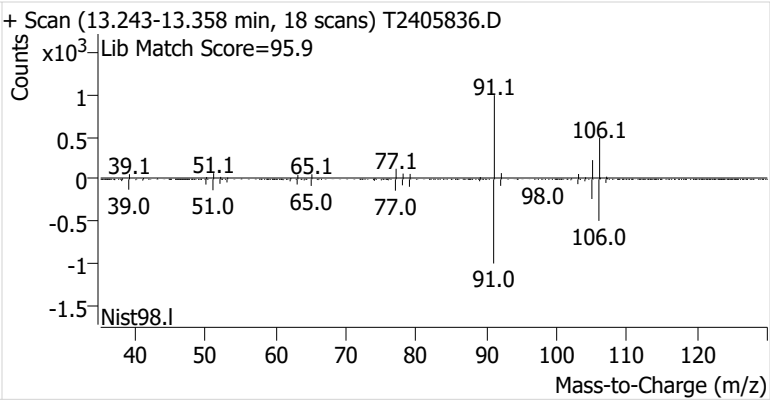
Ethylbenzene



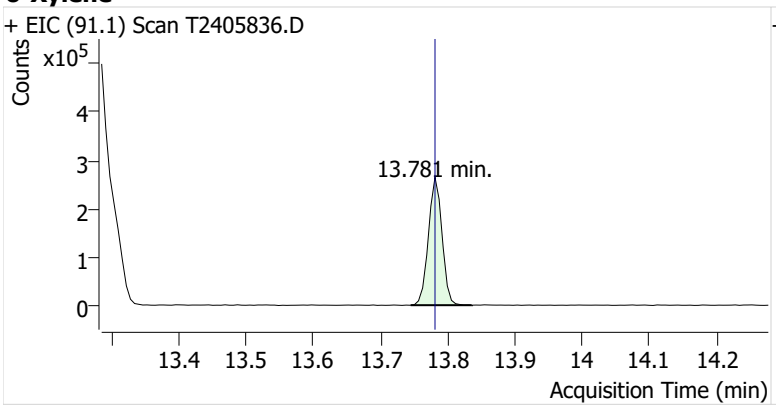


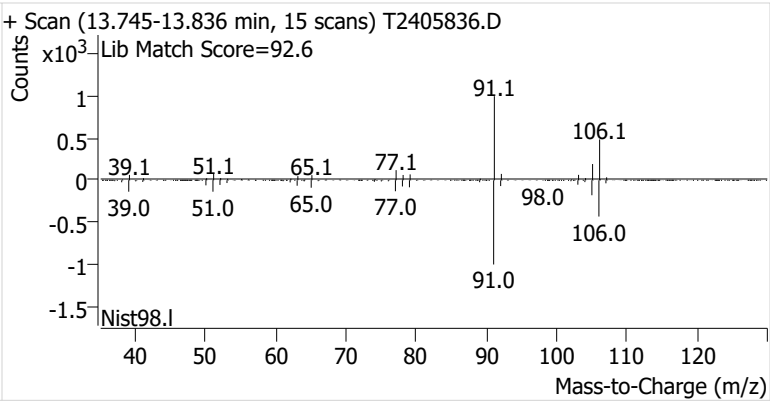
m-/p-Xylenes





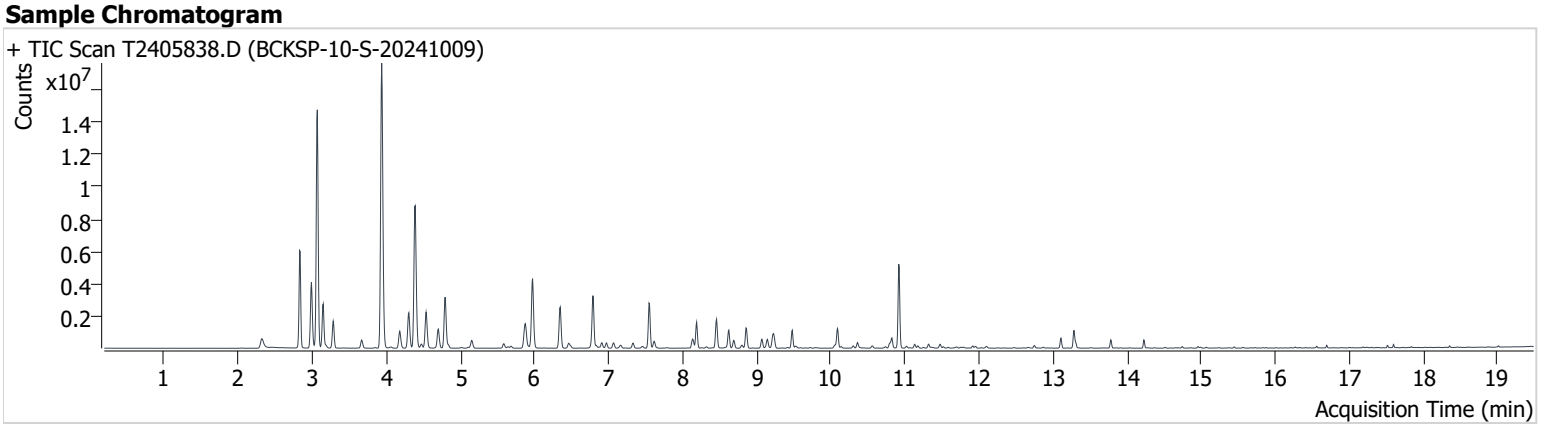
o-Xylene


+ EIC (91.1) Scan T2405836.D
Counts
x10^5
4
3
2
1
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.745-13.836 min, 15 scans) T2405836.D
Lib Match Score=92.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

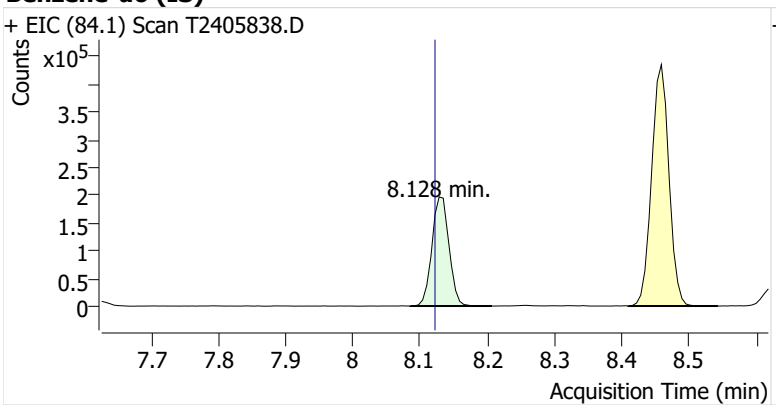
Name	BCKSP-10-S-20241009
Comment	C33473
Data File	T2405838.D
Acq. Date-Time	10/29/2024 4:19:17 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

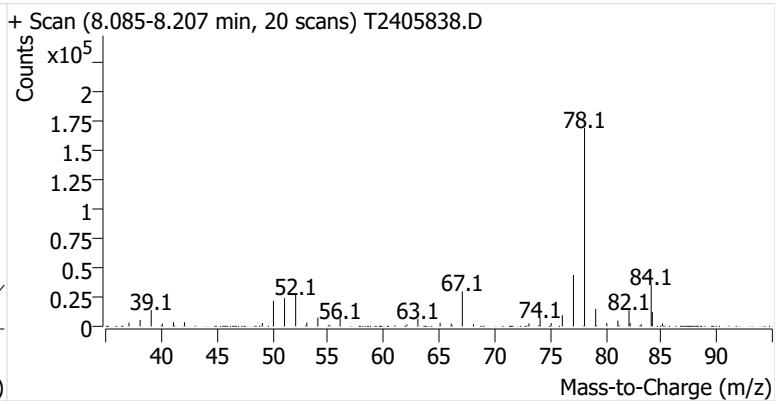
Sample Chromatogram



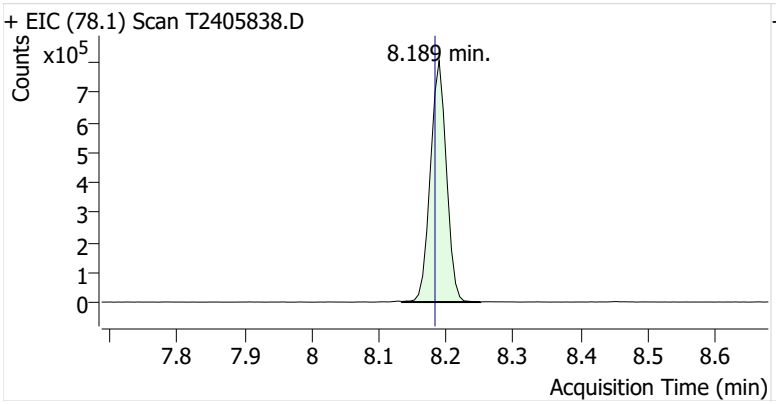
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	347,452	
Benzene	Benzene-d6 (IS)	8.189	8.183	1,337,630	
Toluene-d8 (IS)		10.826	10.820	390,908	
Toluene	Toluene-d8 (IS)	10.918	10.918	3,547,400	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	415,961	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	760,070	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	267,781	

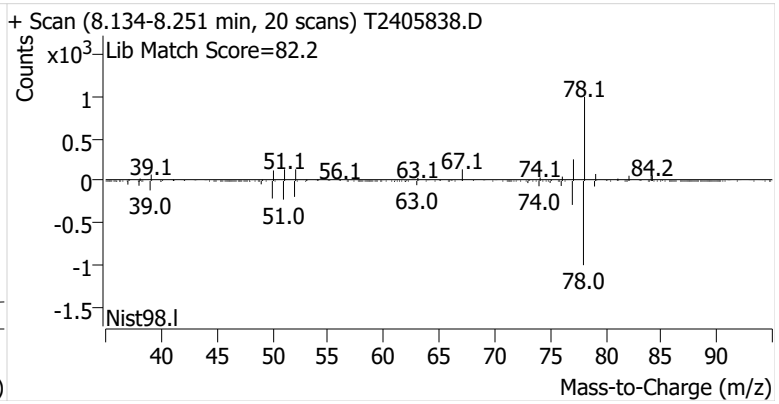
Benzene-d6 (IS)



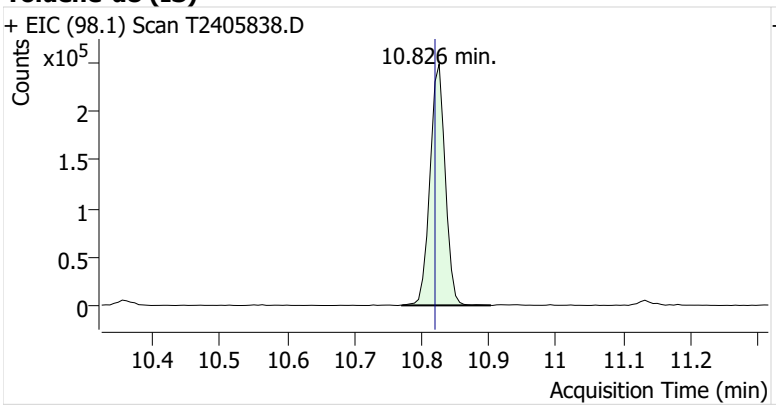


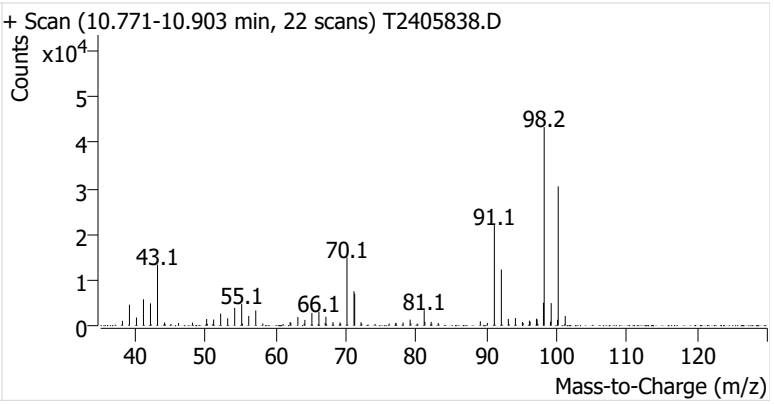
Benzene



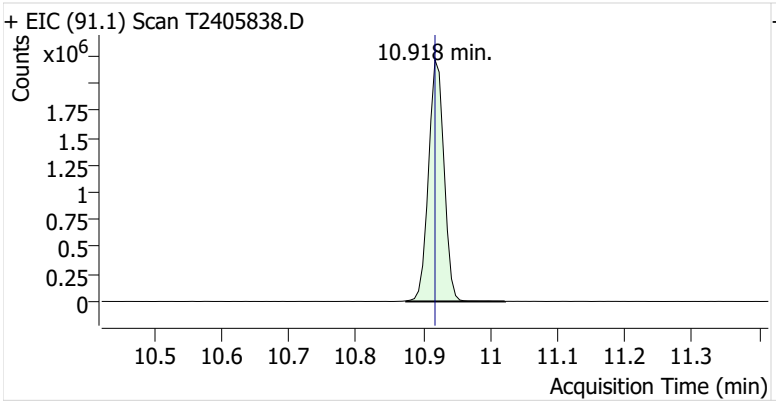


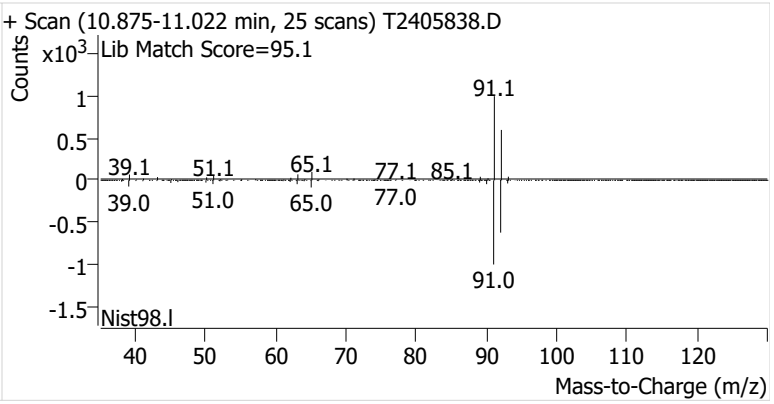
Toluene-d8 (IS)



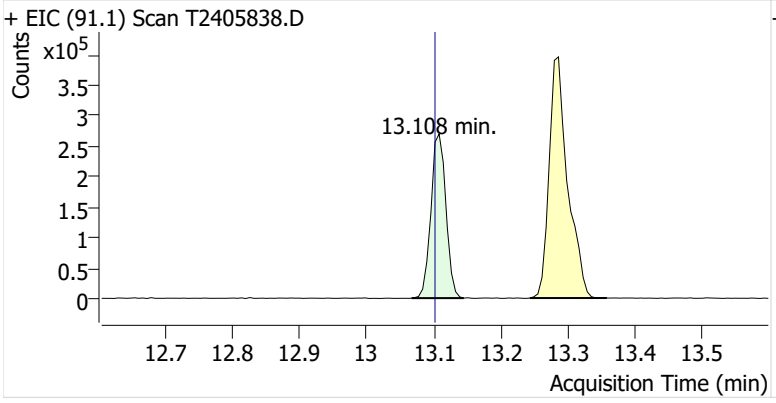


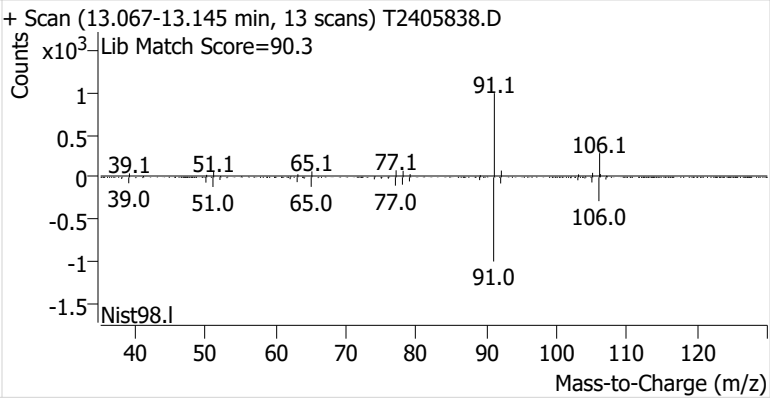
Toluene



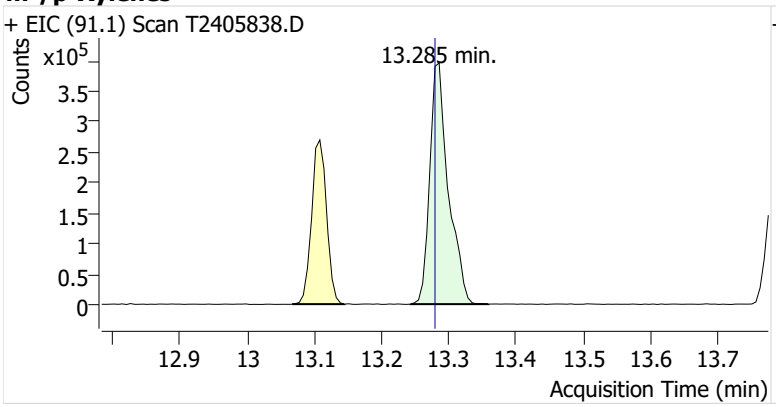


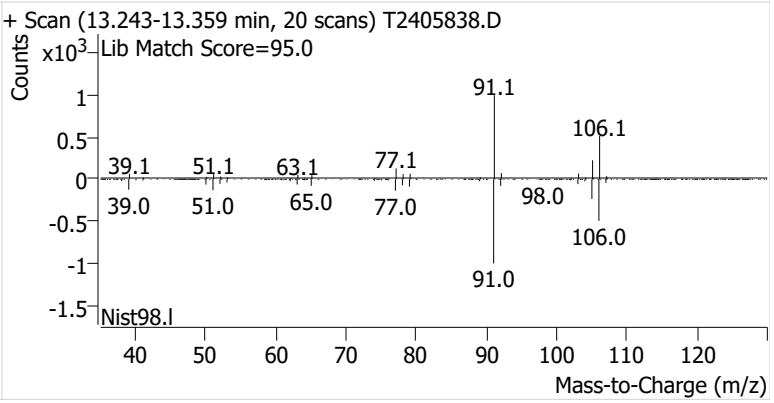
Ethylbenzene



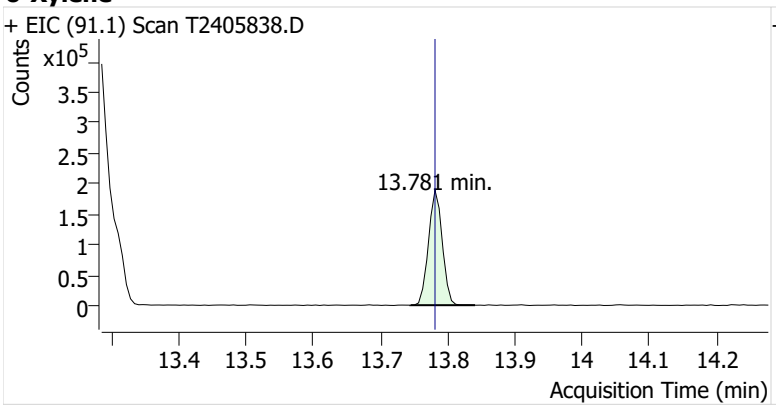


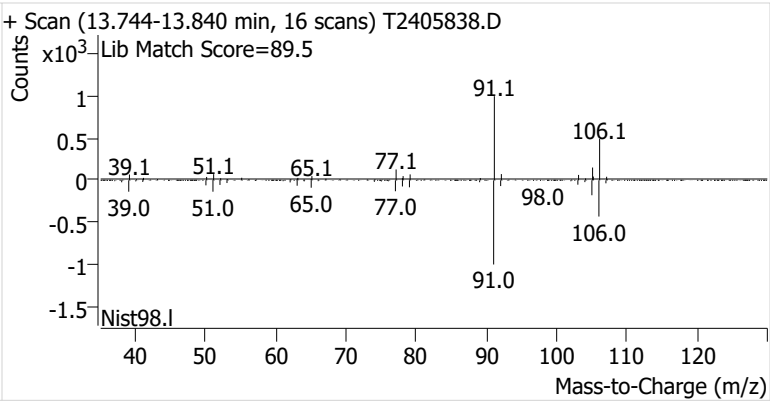
m-/p-Xylenes





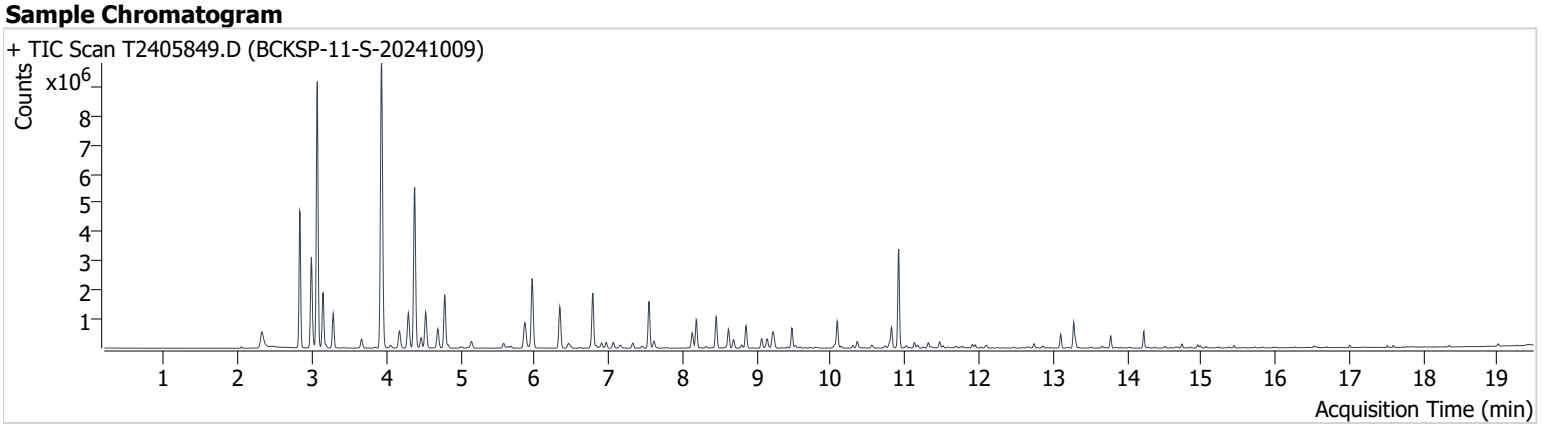
o-Xylene


+ EIC (91.1) Scan T2405838.D
Counts
x10^5
3.5
3
2.5
2
1.5
1
0.5
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.744-13.840 min, 16 scans) T2405838.D
Counts
x10^3
Lib Match Score=89.5
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

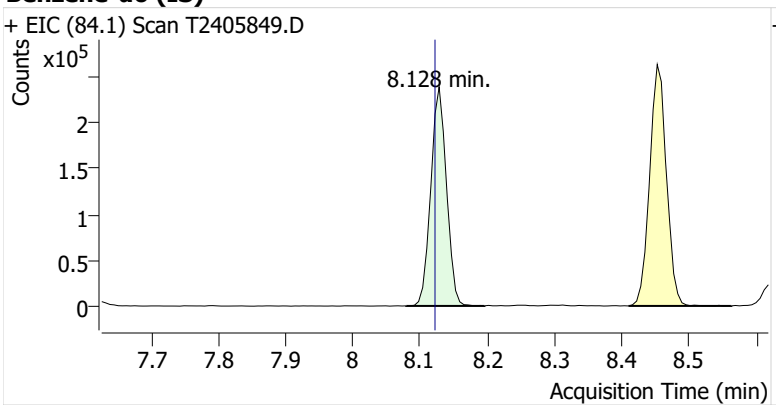
Name	BCKSP-11-S-20241009
Comment	C01376
Data File	T2405849.D
Acq. Date-Time	10/30/2024 9:00:40 AM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

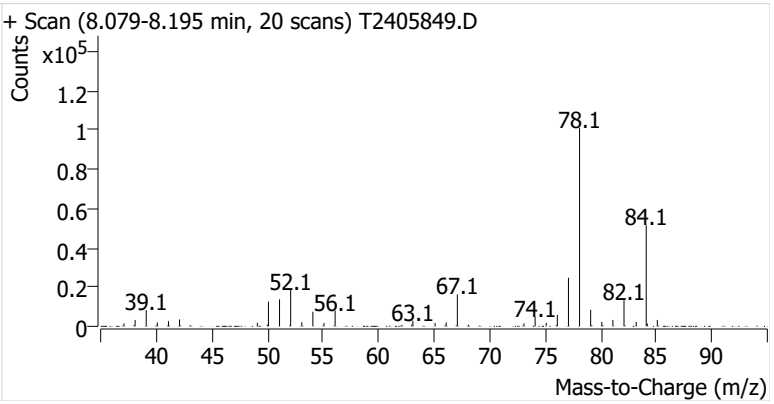
Sample Chromatogram



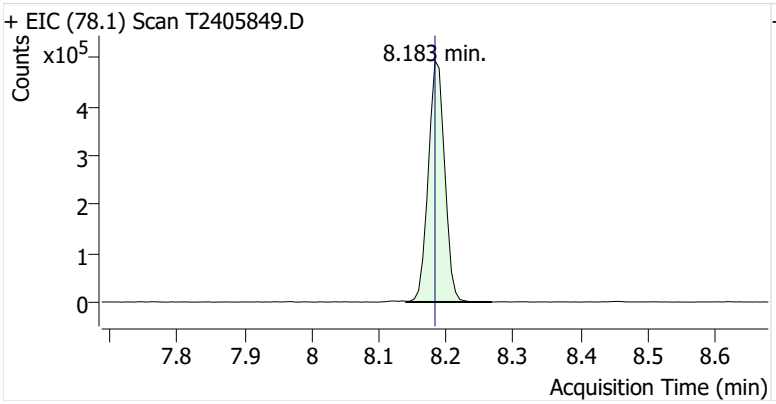
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	387,386	
Benzene	Benzene-d6 (IS)	8.183	8.183	835,744	
Toluene-d8 (IS)		10.820	10.820	450,227	
Toluene	Toluene-d8 (IS)	10.918	10.918	2,306,888	
Ethylbenzene	Toluene-d8 (IS)	13.102	13.102	327,635	
m-/p-Xylenes	Toluene-d8 (IS)	13.279	13.279	599,144	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	219,225	

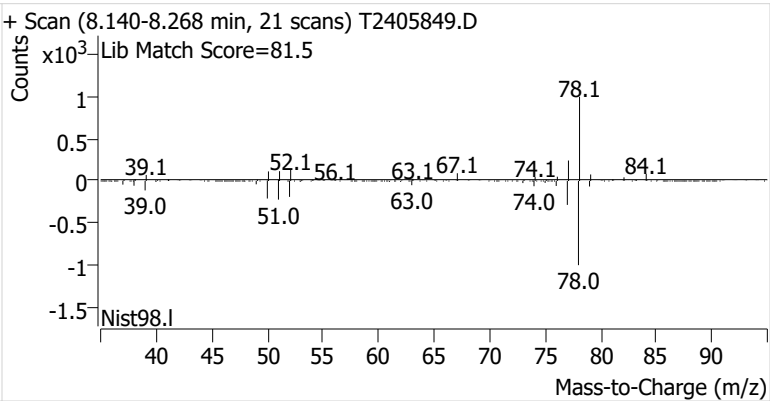
Benzene-d6 (IS)



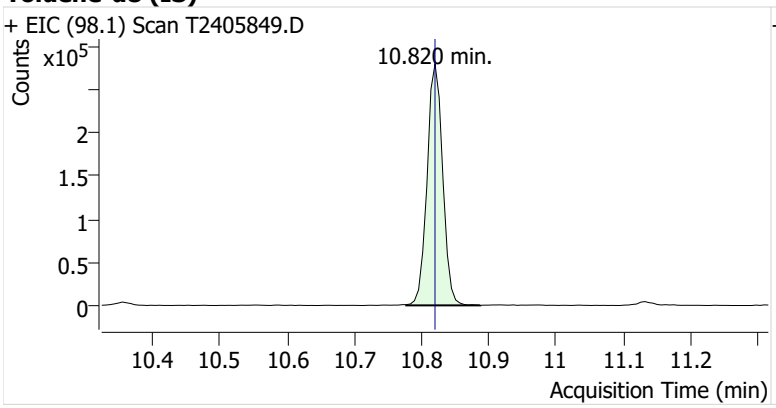


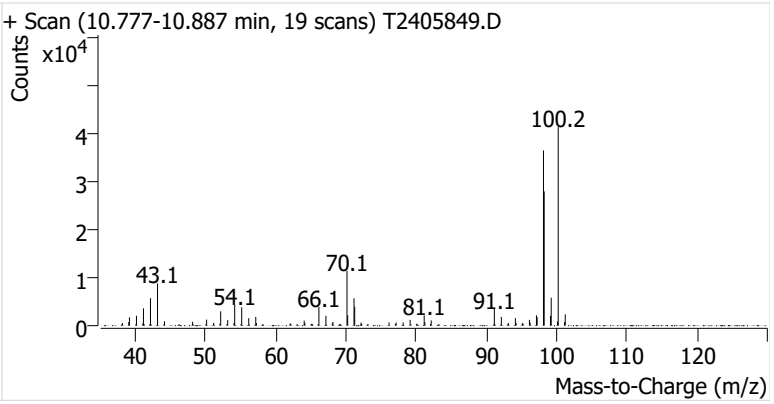
Benzene



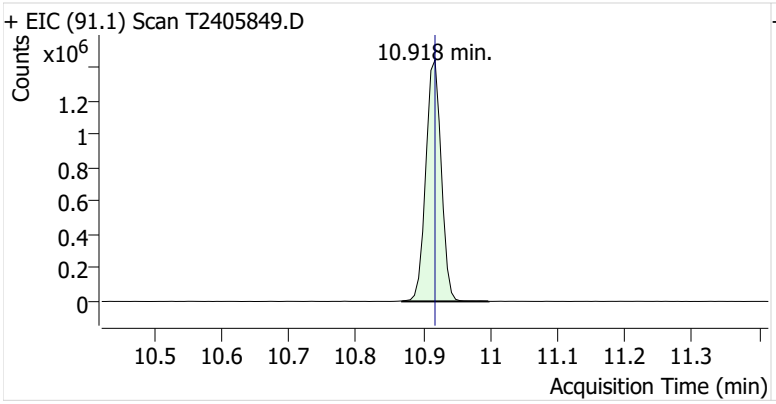


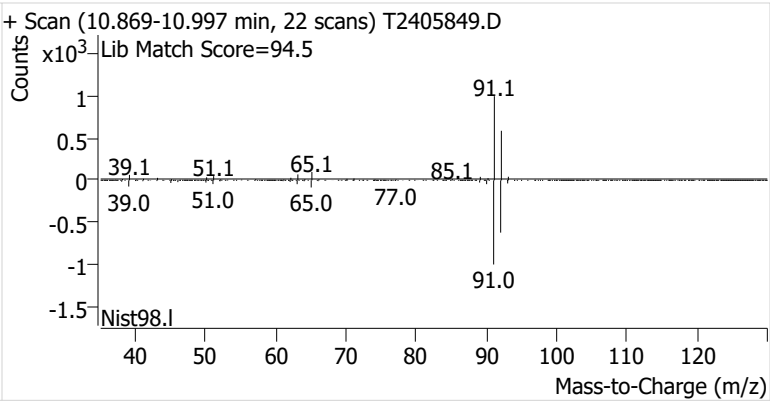
Toluene-d8 (IS)



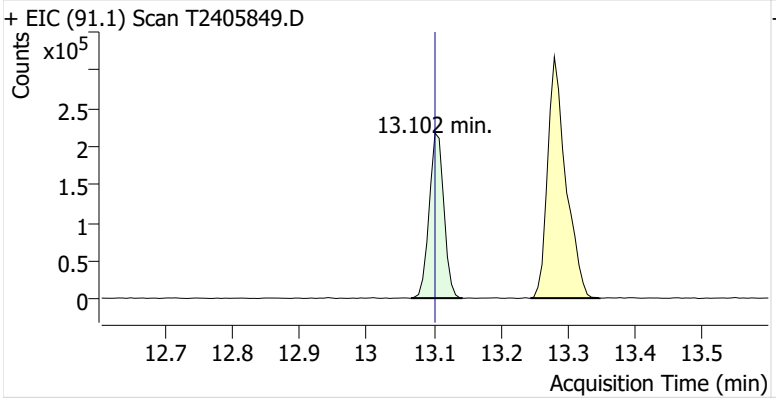


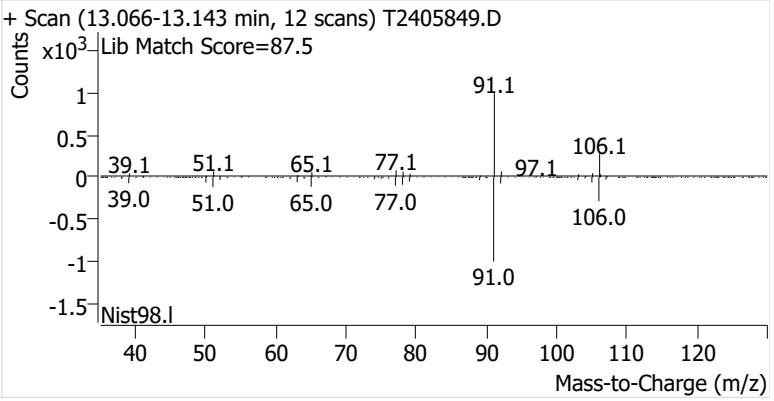
Toluene



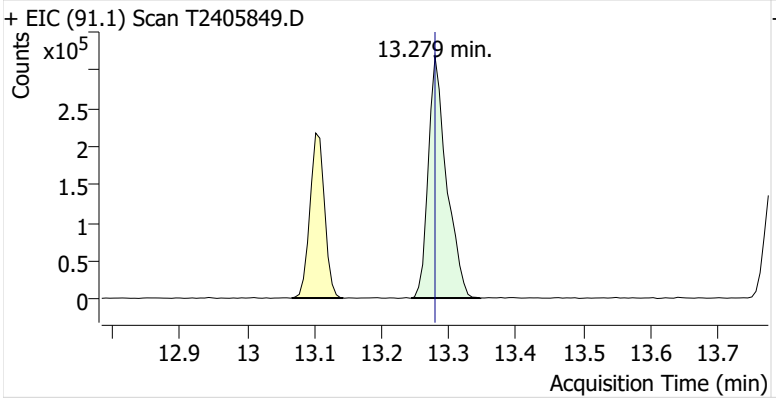


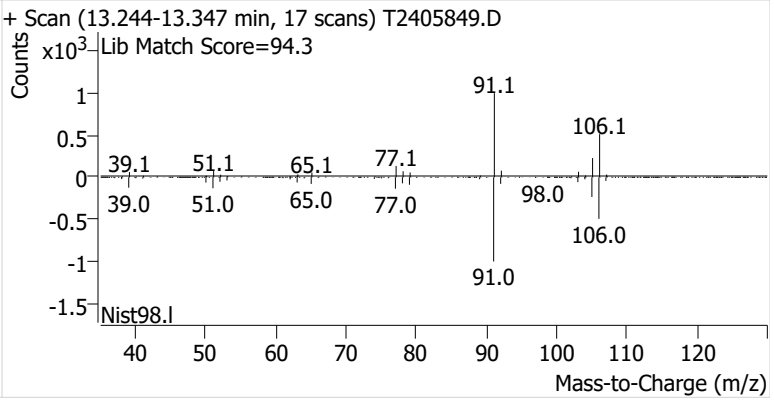
Ethylbenzene



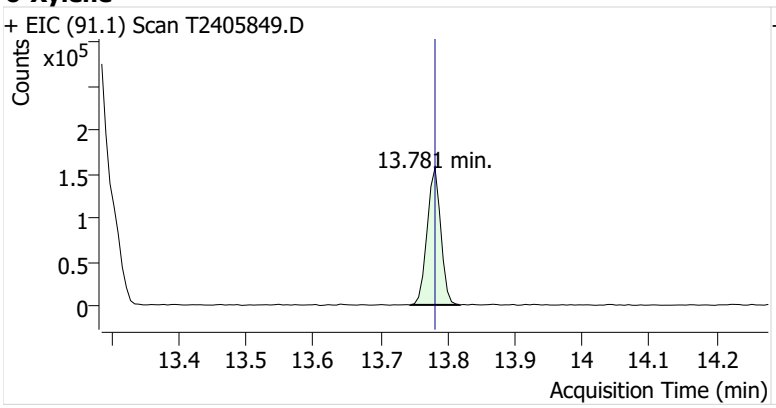


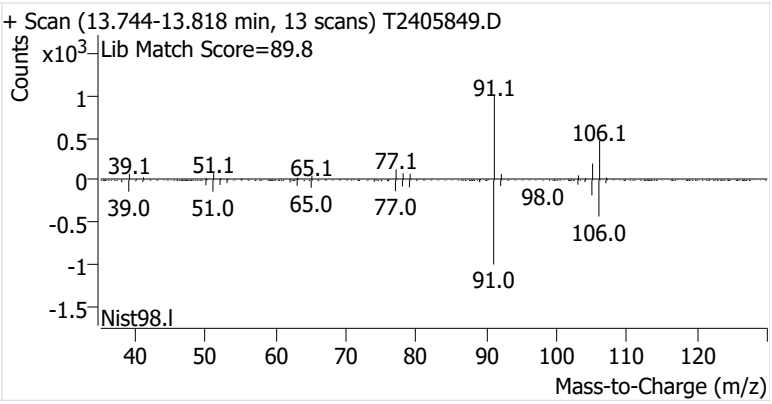
m-/p-Xylenes





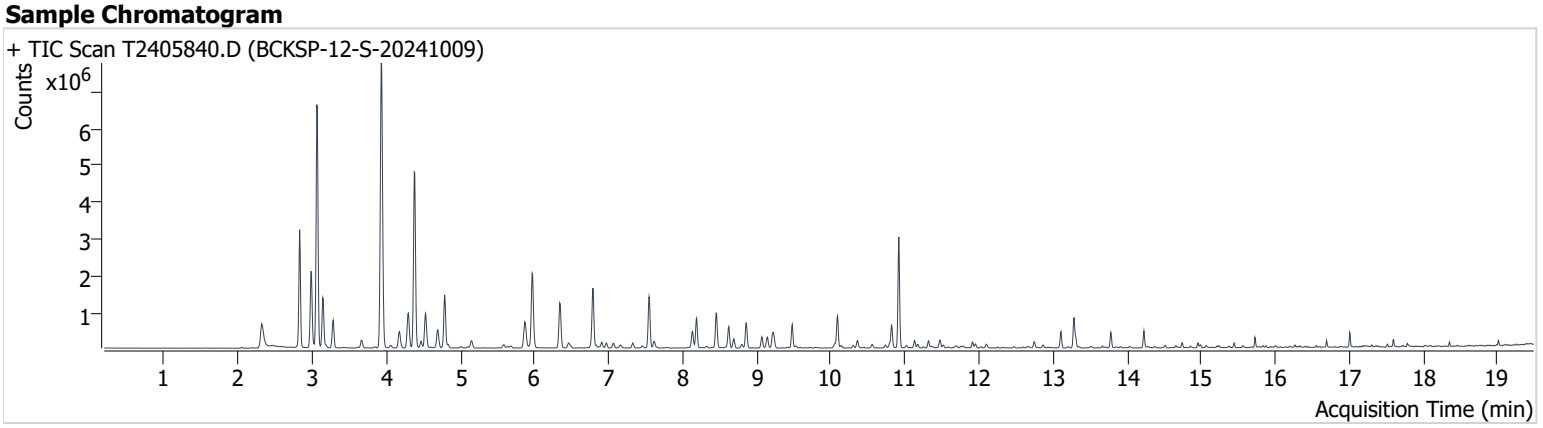
o-Xylene


+ EIC (91.1) Scan T2405849.D
Counts
x10^5
2
1.5
1
0.5
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.744-13.818 min, 13 scans) T2405849.D
Counts
x10^3
Lib Match Score=89.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

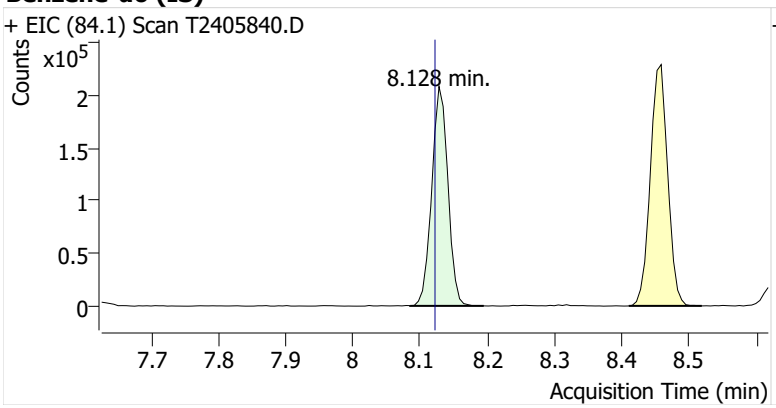
Name	BCKSP-12-S-20241009
Comment	C37926
Data File	T2405840.D
Acq. Date-Time	10/29/2024 5:10:16 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

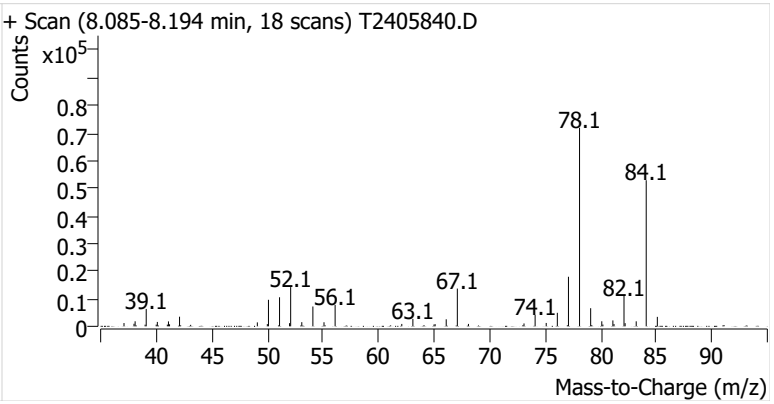
Sample Chromatogram



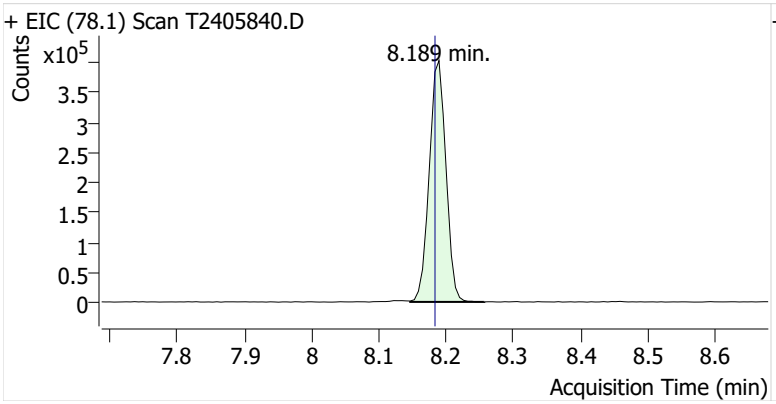
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	348,236	
Benzene	Benzene-d6 (IS)	8.189	8.183	693,997	
Toluene-d8 (IS)		10.820	10.820	388,688	
Toluene	Toluene-d8 (IS)	10.918	10.918	1,988,670	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	297,493	
m-/p-Xylenes	Toluene-d8 (IS)	13.285	13.279	583,936	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	217,428	

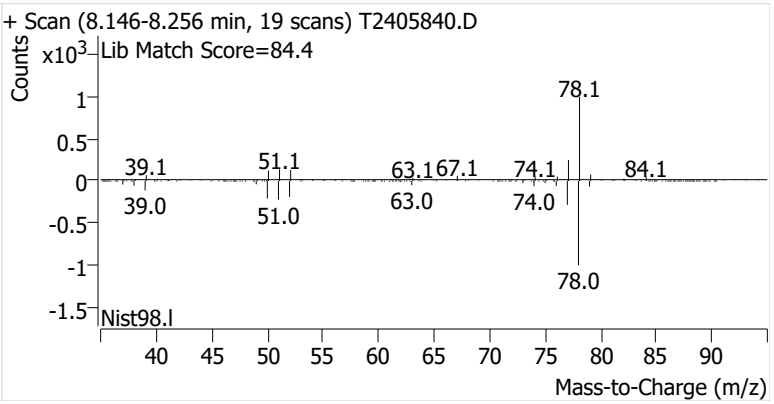
Benzene-d6 (IS)



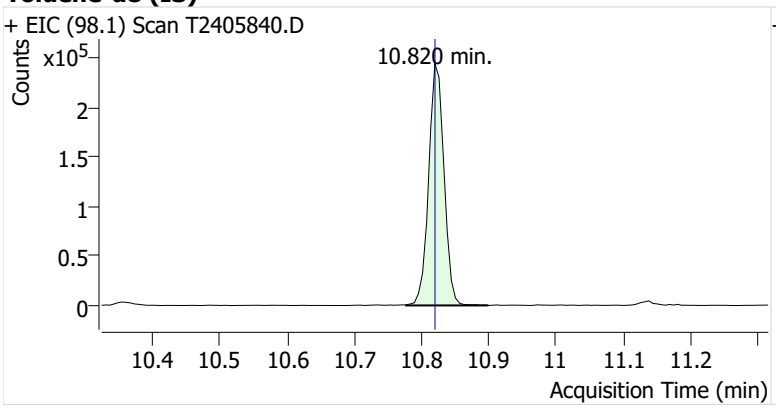


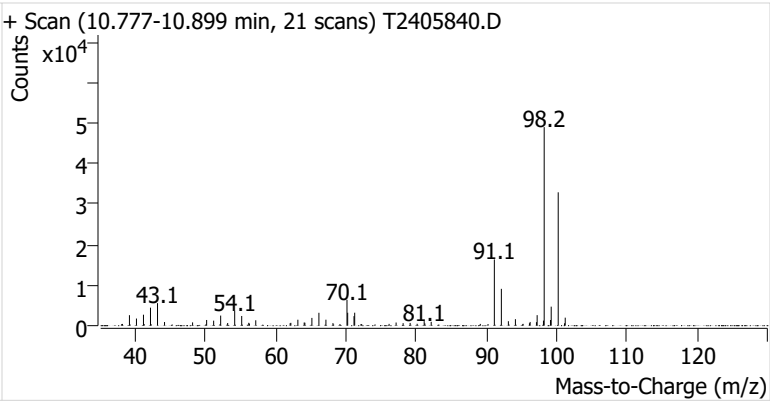
Benzene



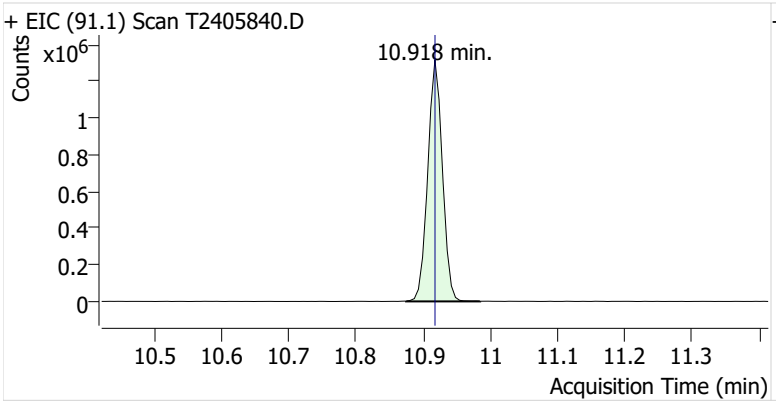


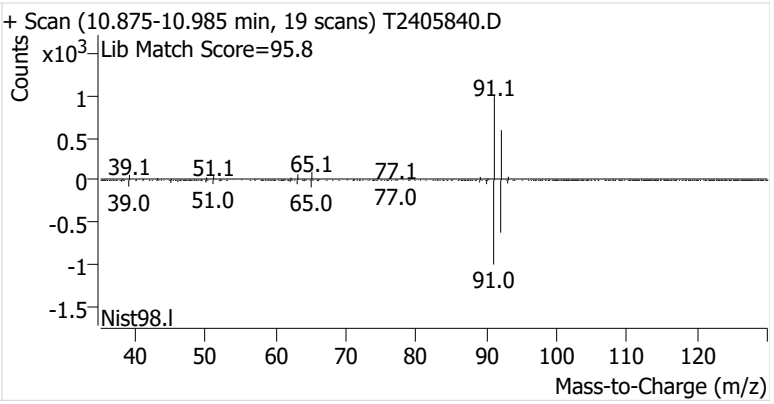
Toluene-d8 (IS)



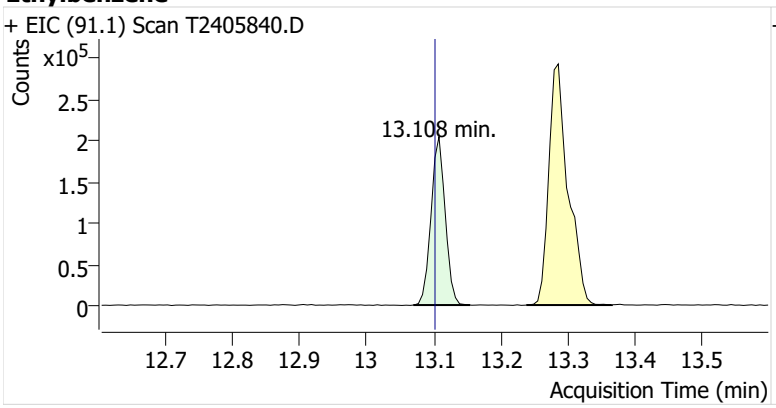


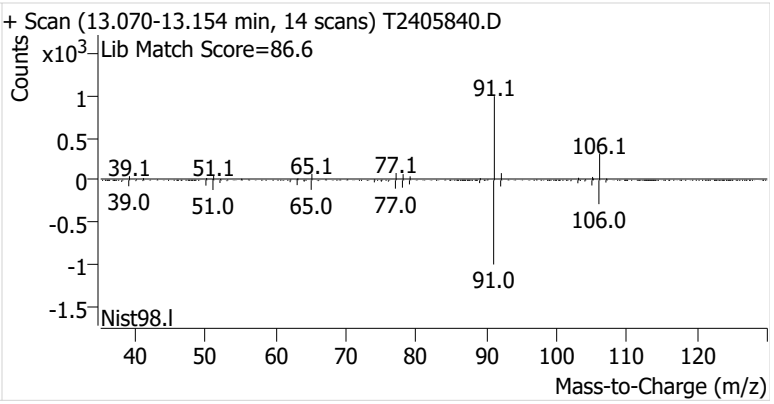
Toluene



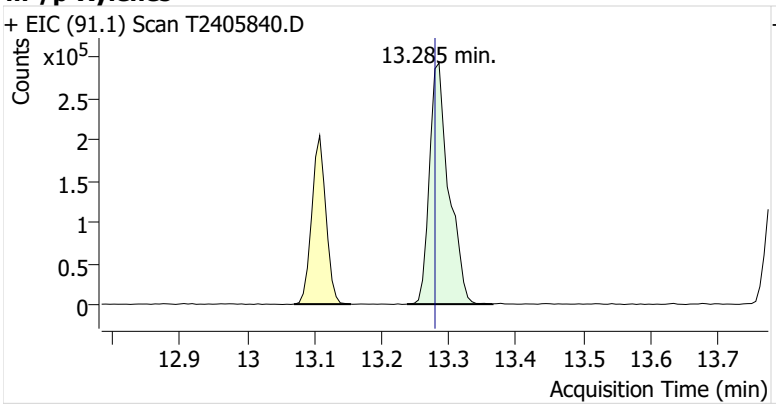


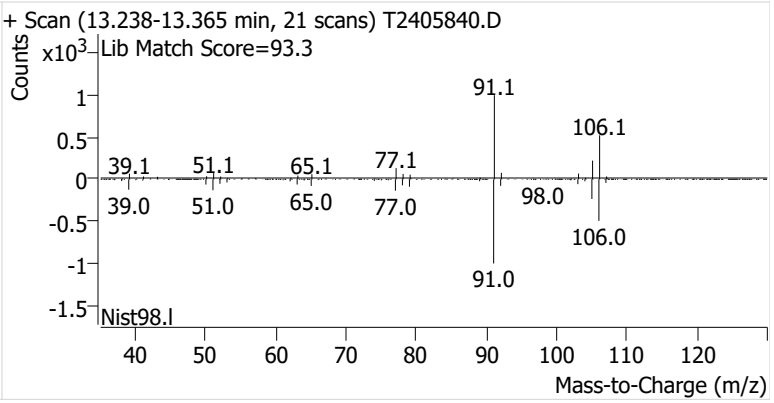
Ethylbenzene



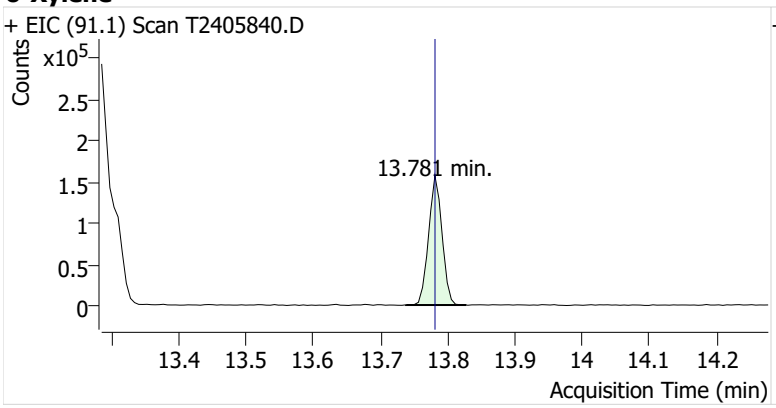


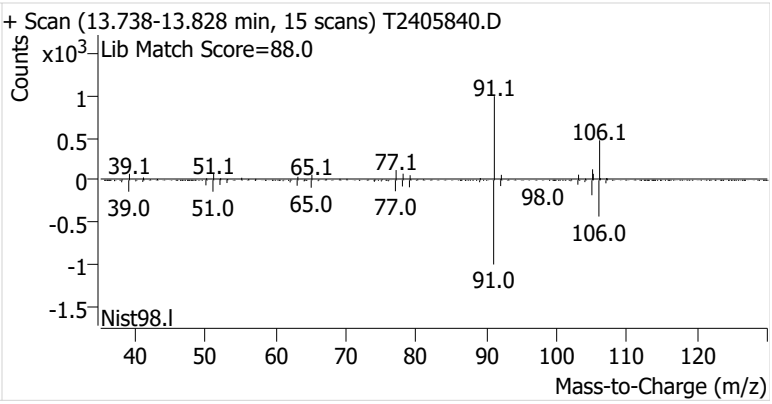
m-/p-Xylenes





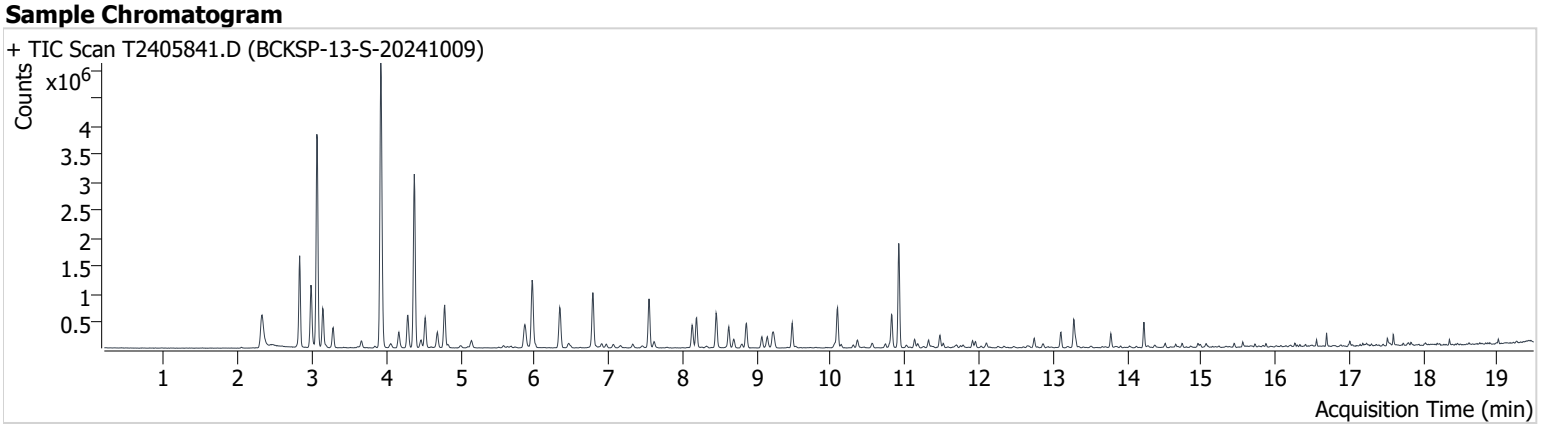
o-Xylene


+ EIC (91.1) Scan T2405840.D
Counts
x10^5
2.5
2
1.5
1
0.5
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.738-13.828 min, 15 scans) T2405840.D
Lib Match Score=88.0
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

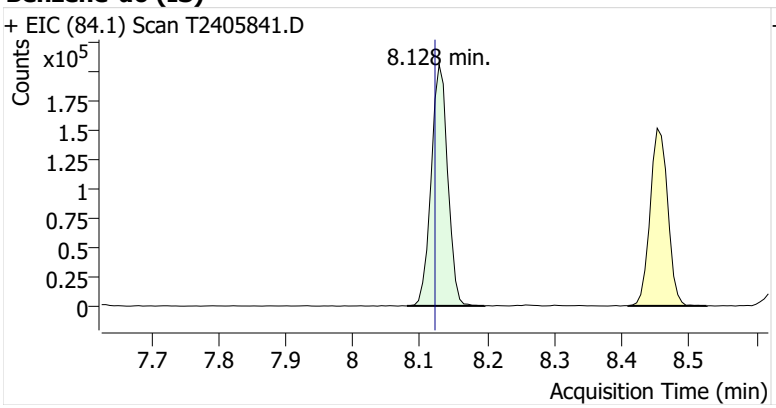
Name	BCKSP-13-S-20241009
Comment	C53687
Data File	T2405841.D
Acq. Date-Time	10/29/2024 5:35:55 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

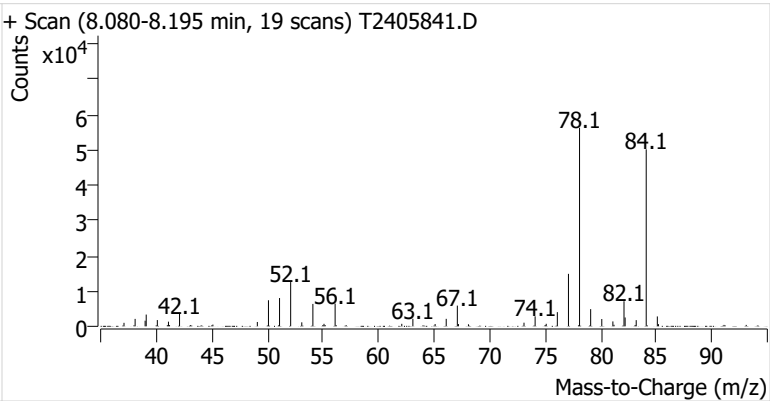
Sample Chromatogram



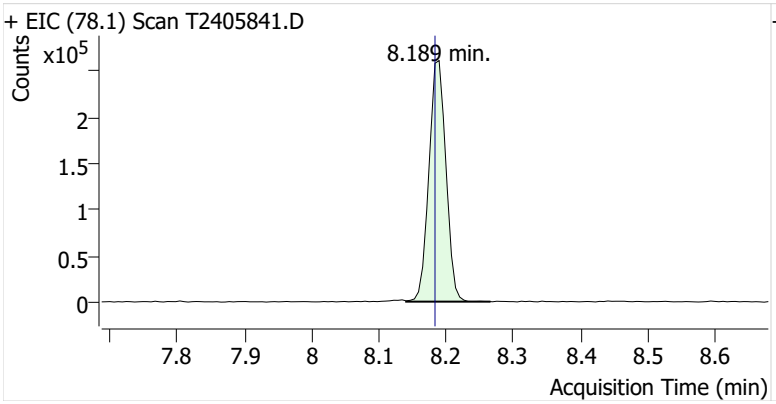
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	350,562	
Benzene	Benzene-d6 (IS)	8.189	8.183	458,623	
Toluene-d8 (IS)		10.820	10.820	385,270	
Toluene	Toluene-d8 (IS)	10.918	10.918	1,298,513	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	187,179	
m-/p-Xylenes	Toluene-d8 (IS)	13.279	13.279	361,867	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	126,874	

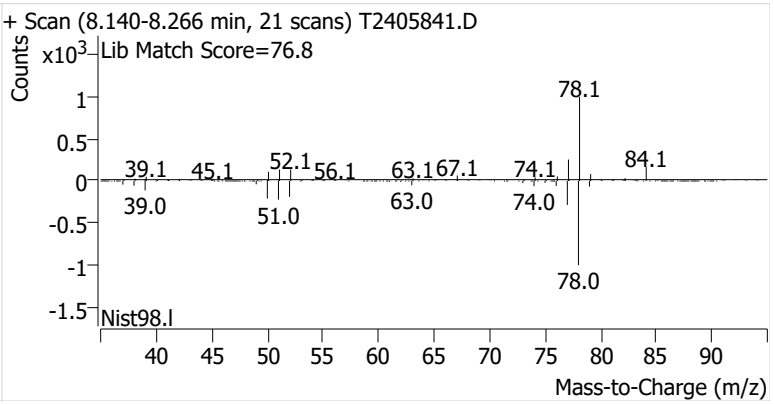
Benzene-d6 (IS)



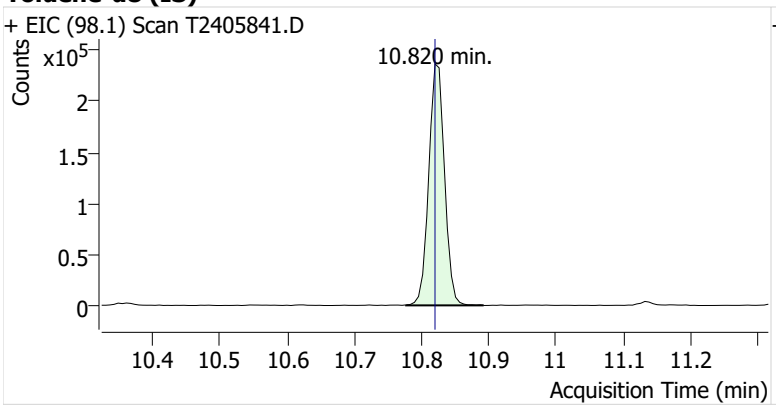


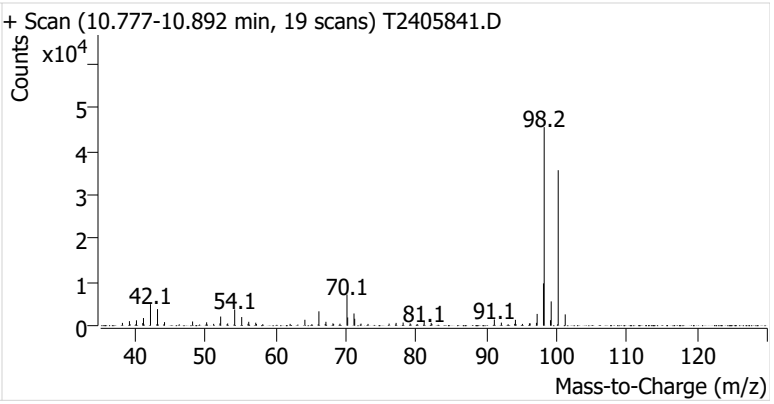
Benzene



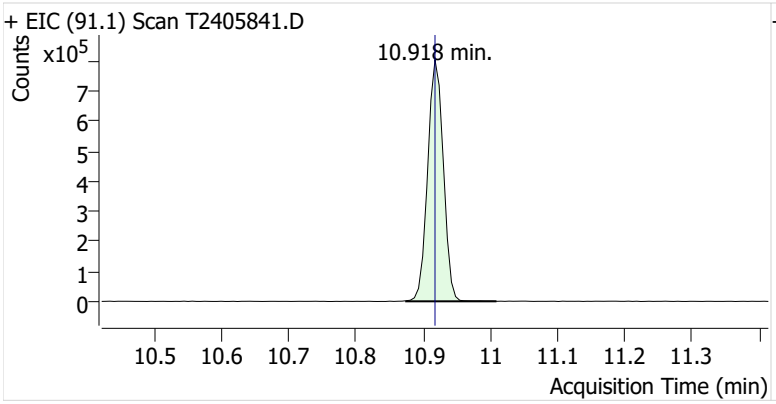


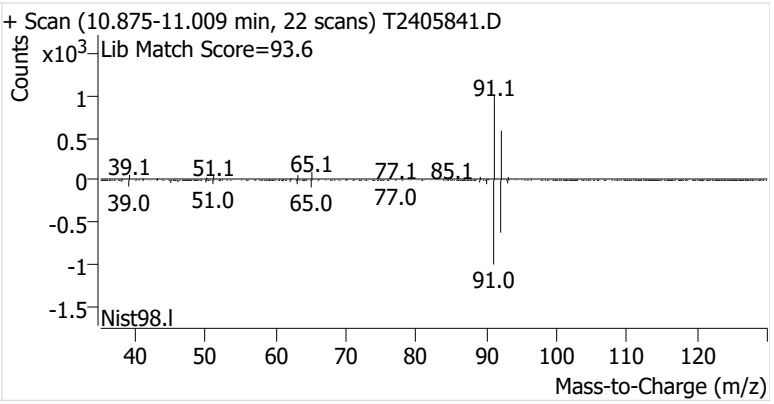
Toluene-d8 (IS)



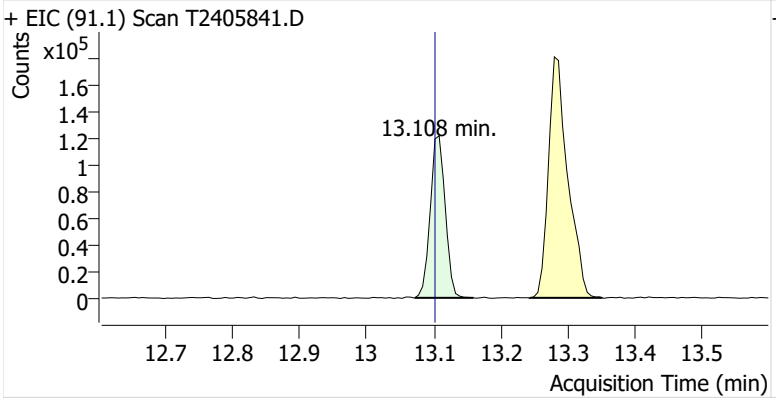


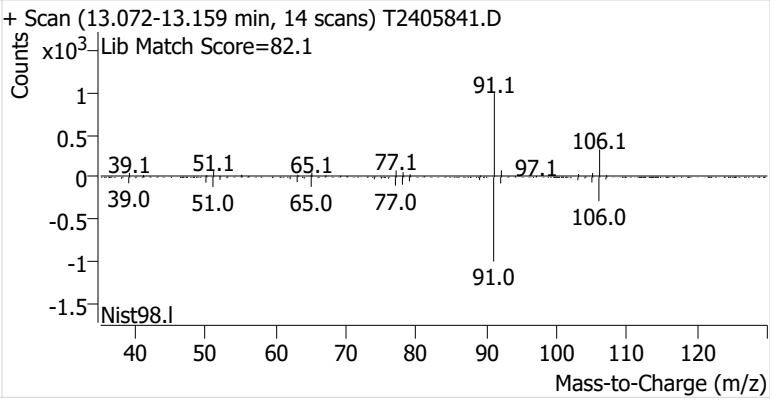
Toluene



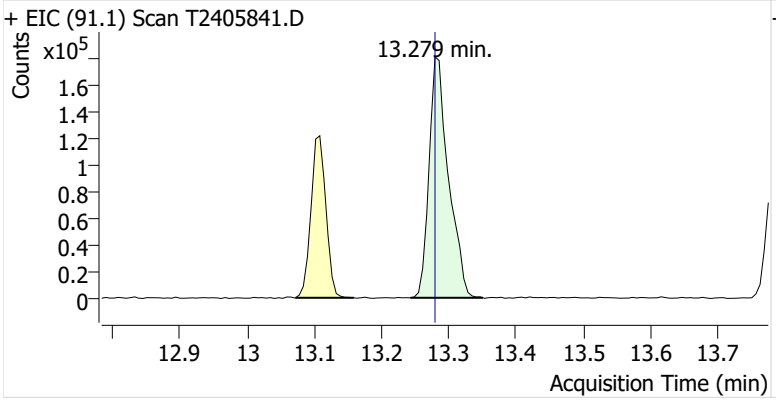


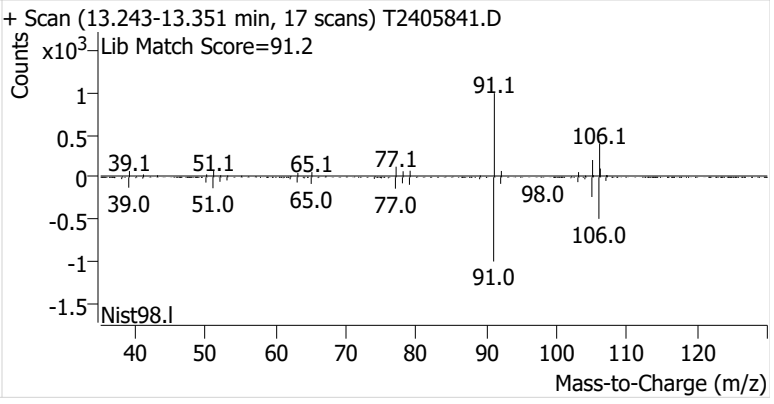
Ethylbenzene



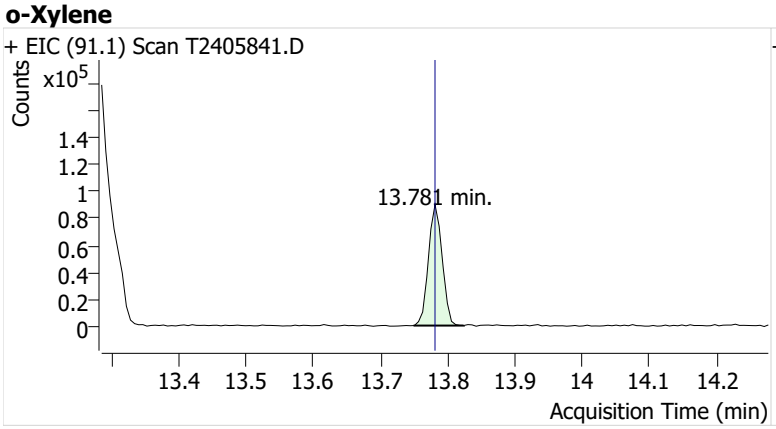


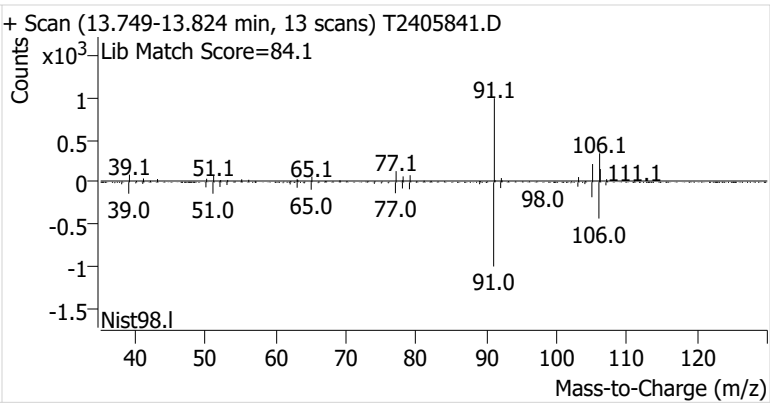
m-/p-Xylenes





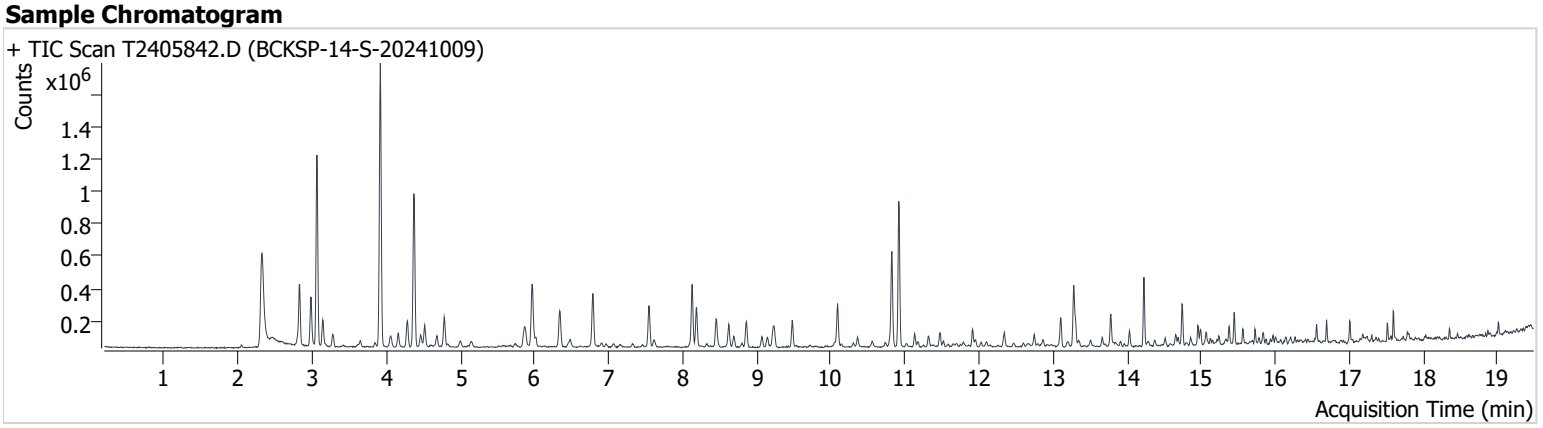
o-Xylene


+ EIC (91.1) Scan T2405841.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.749-13.824 min, 13 scans) T2405841.D
Counts
x10^3
Lib Match Score=84.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

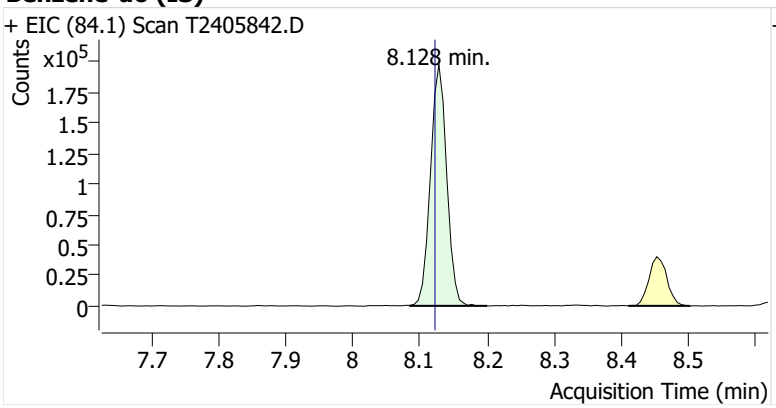
Name	BCKSP-14-S-20241009
Comment	C43681
Data File	T2405842.D
Acq. Date-Time	10/29/2024 6:01:16 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

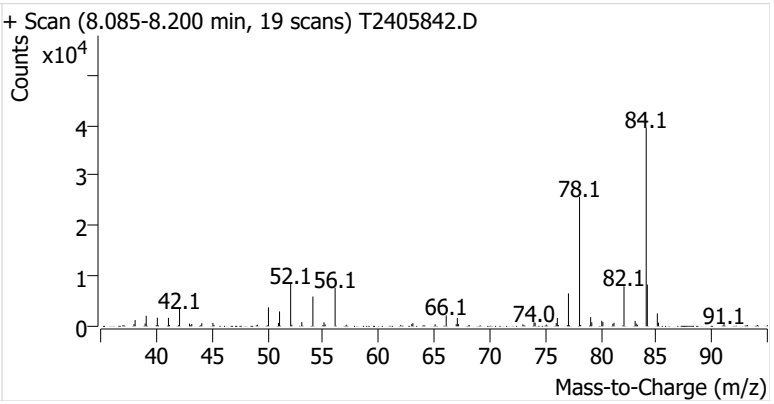
Sample Chromatogram



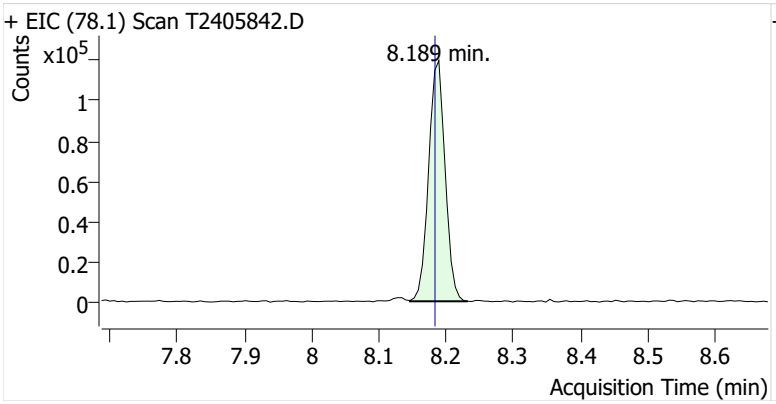
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	331,578	
Benzene	Benzene-d6 (IS)	8.189	8.183	202,764	
Toluene-d8 (IS)		10.826	10.820	381,663	
Toluene	Toluene-d8 (IS)	10.917	10.918	613,800	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	112,955	
m-/p-Xylenes	Toluene-d8 (IS)	13.279	13.279	283,423	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	106,950	

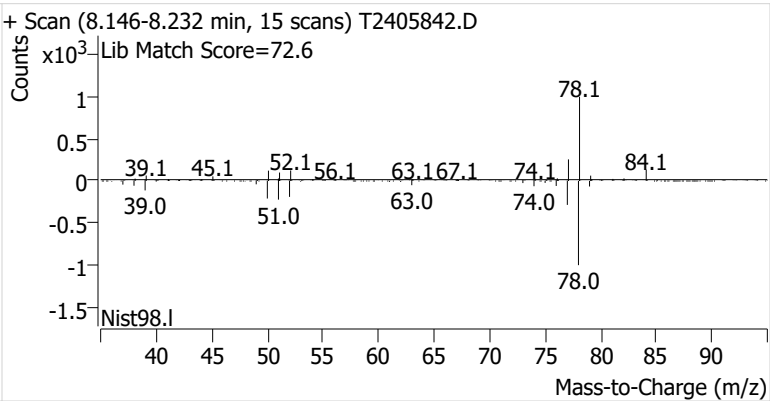
Benzene-d6 (IS)



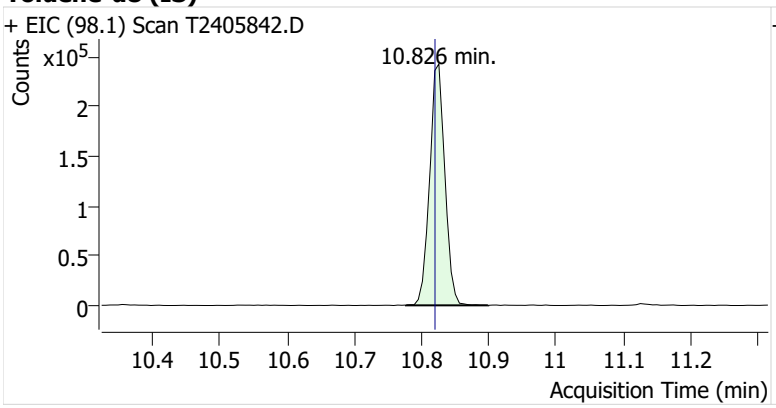


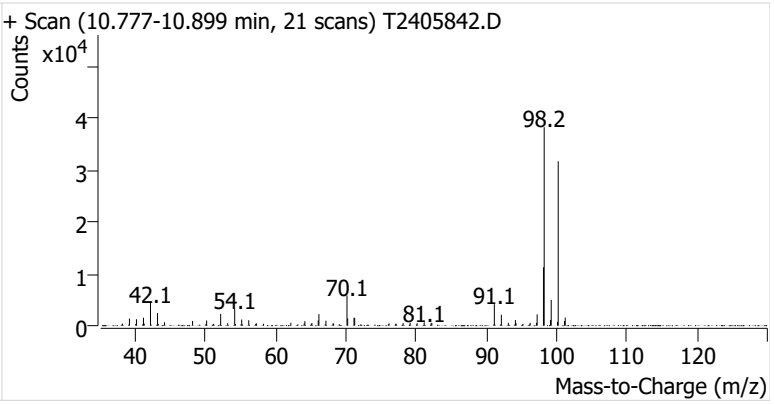
Benzene



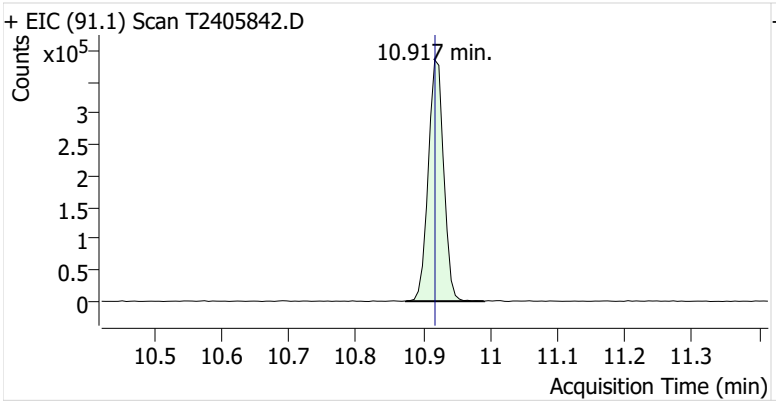


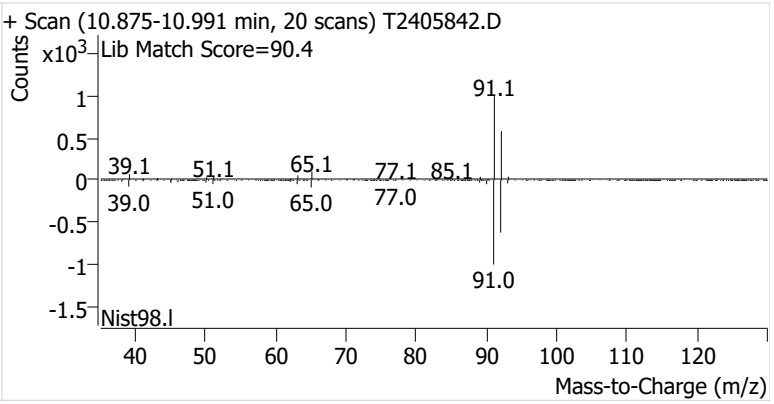
Toluene-d8 (IS)



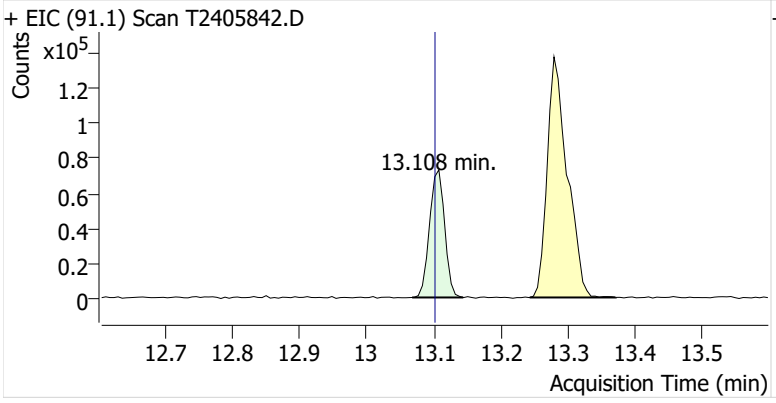


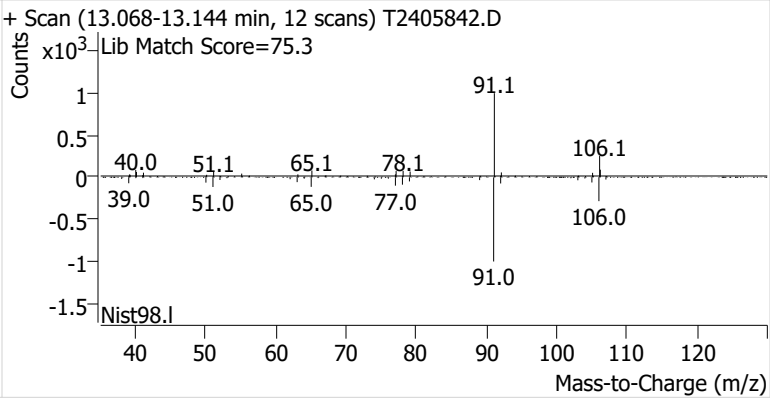
Toluene



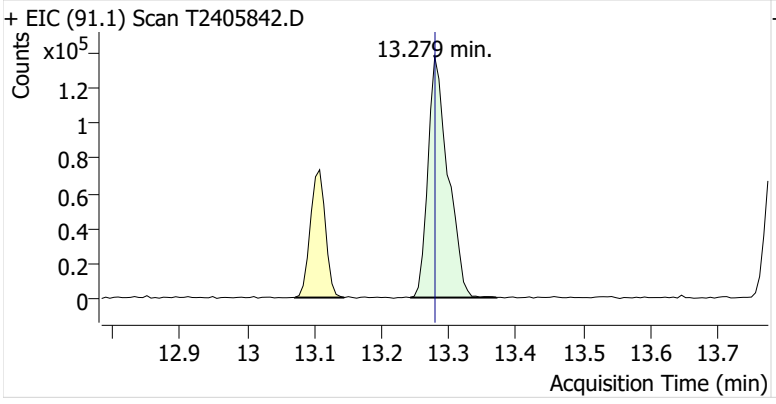


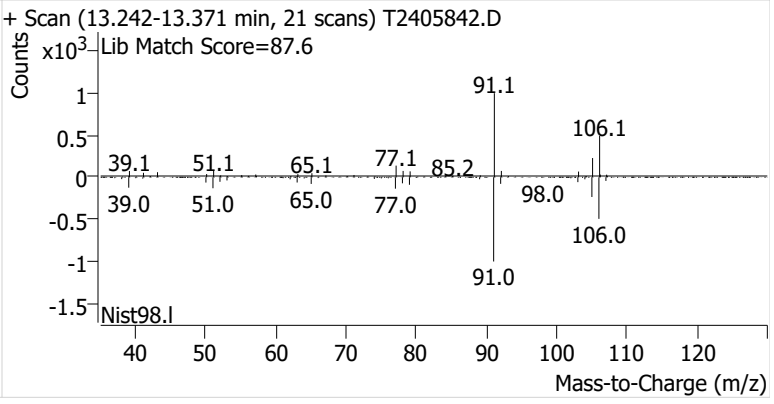
Ethylbenzene



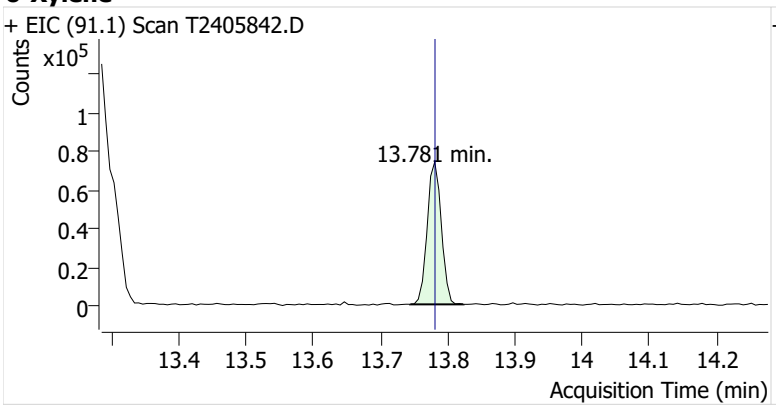


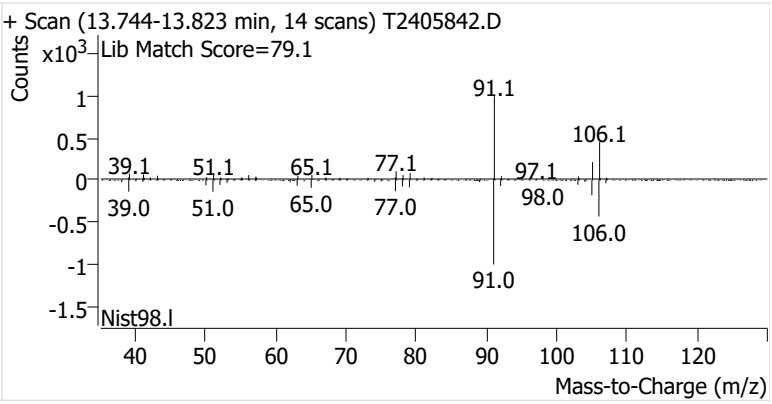
m-/p-Xylenes





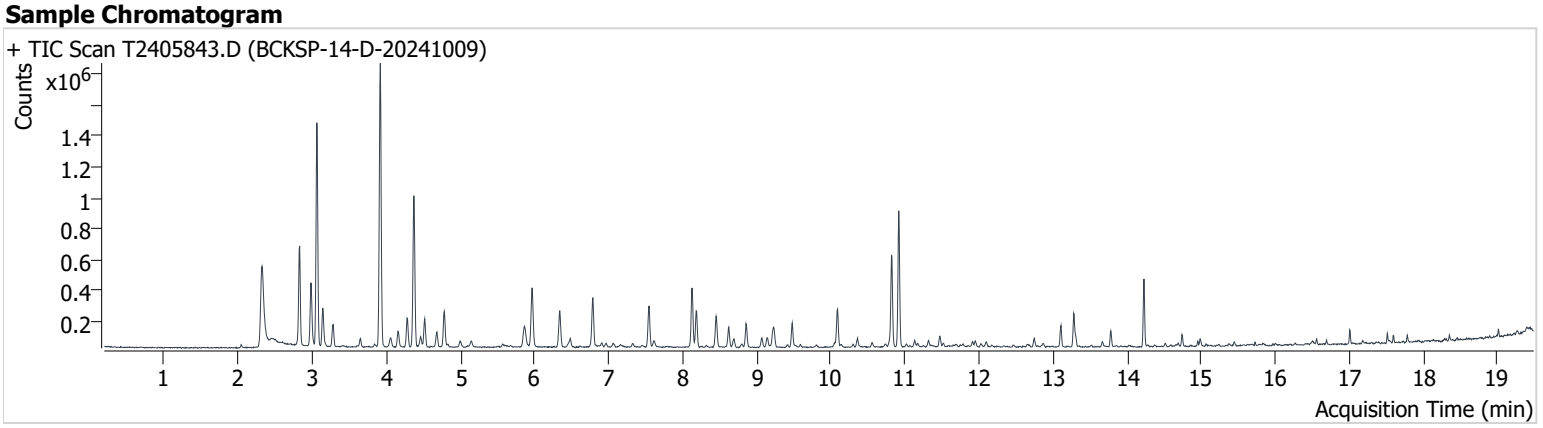
o-Xylene


+ EIC (91.1) Scan T2405842.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.744-13.823 min, 14 scans) T2405842.D
Counts
x10^3
Lib Match Score=79.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
97.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

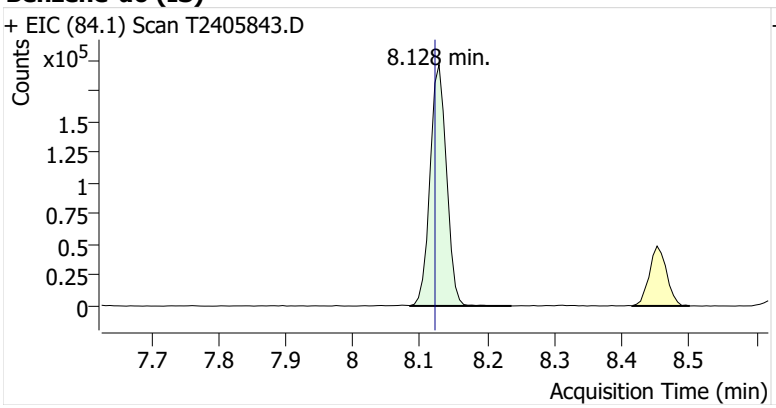
Name	BCKSP-14-D-20241009
Comment	B52762
Data File	T2405843.D
Acq. Date-Time	10/29/2024 6:26:47 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

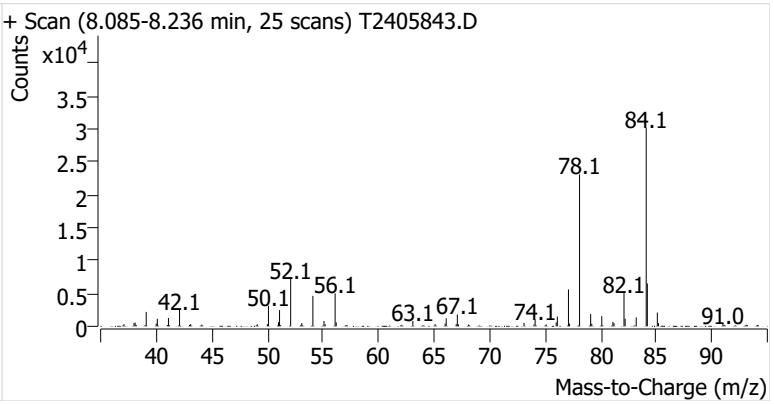
Sample Chromatogram



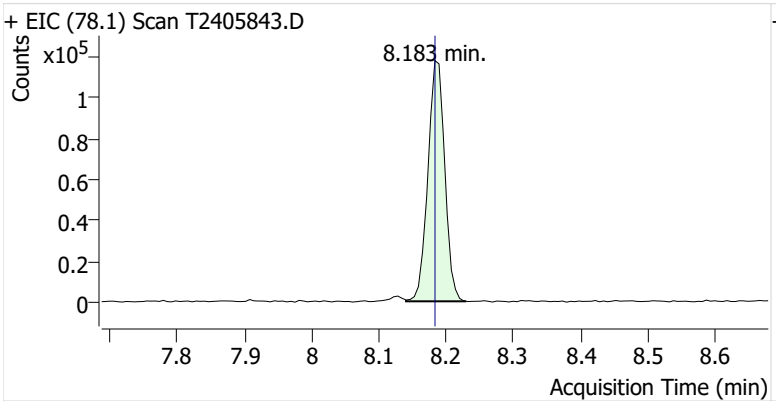
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	335,231	
Benzene	Benzene-d6 (IS)	8.183	8.183	204,499	
Toluene-d8 (IS)		10.820	10.820	382,798	
Toluene	Toluene-d8 (IS)	10.918	10.918	592,201	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	90,244	
m-/p-Xylenes	Toluene-d8 (IS)	13.279	13.279	143,316	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	51,831	

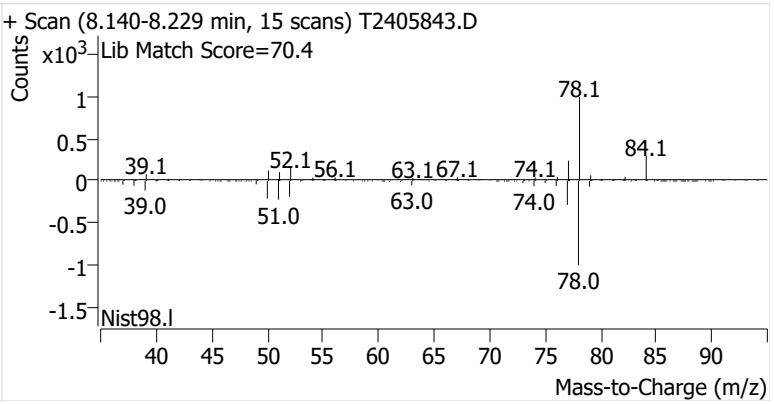
Benzene-d6 (IS)



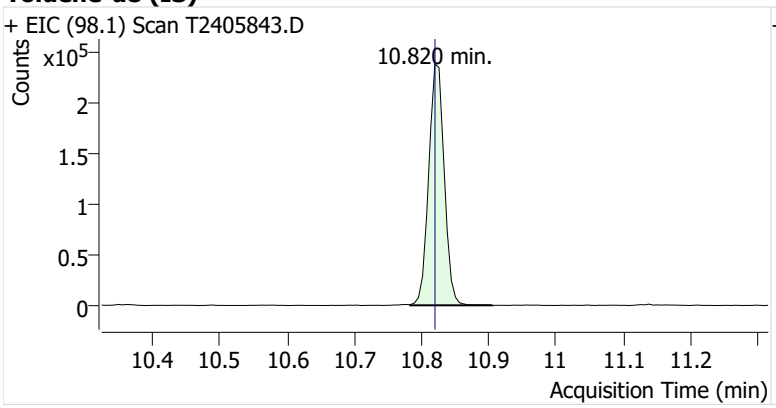


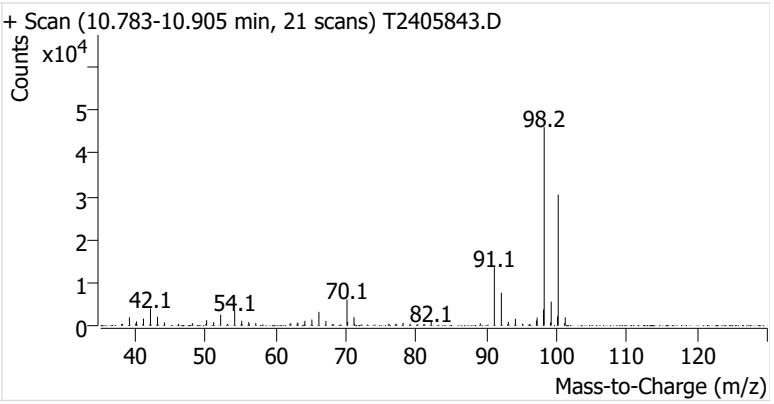
Benzene



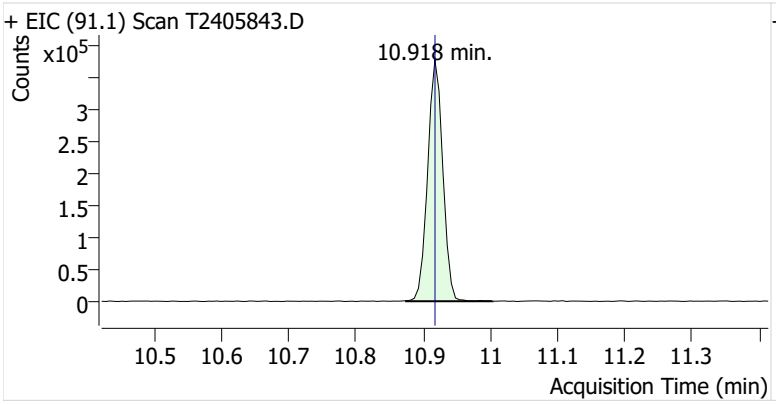


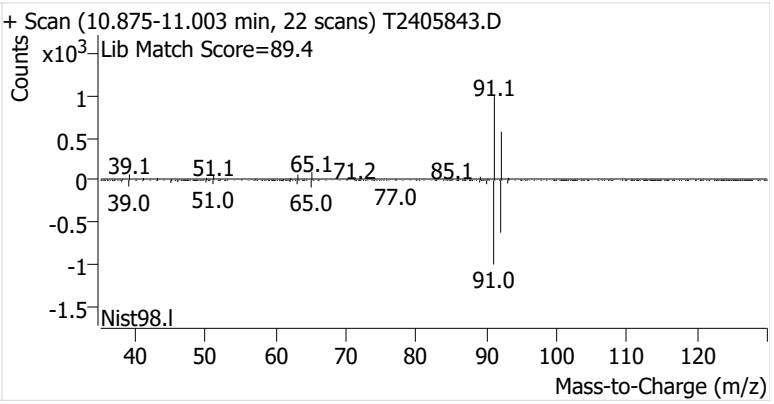
Toluene-d8 (IS)



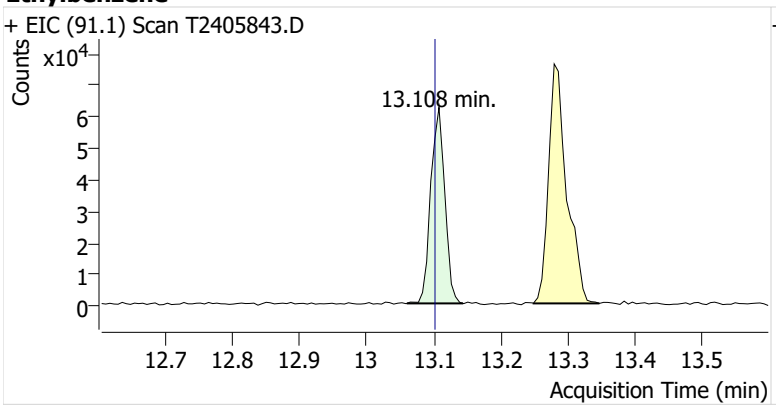


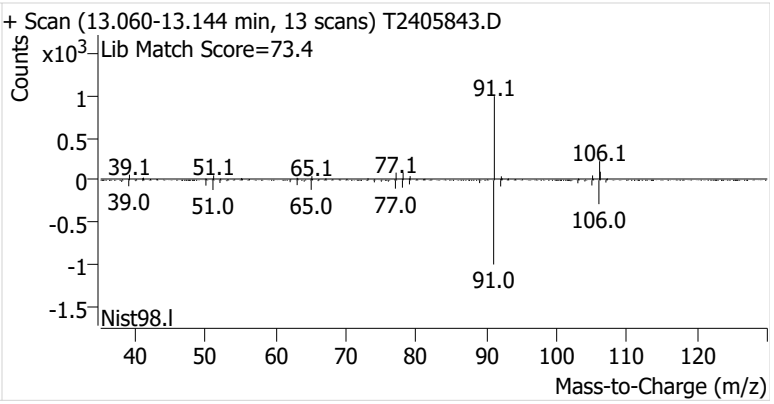
Toluene



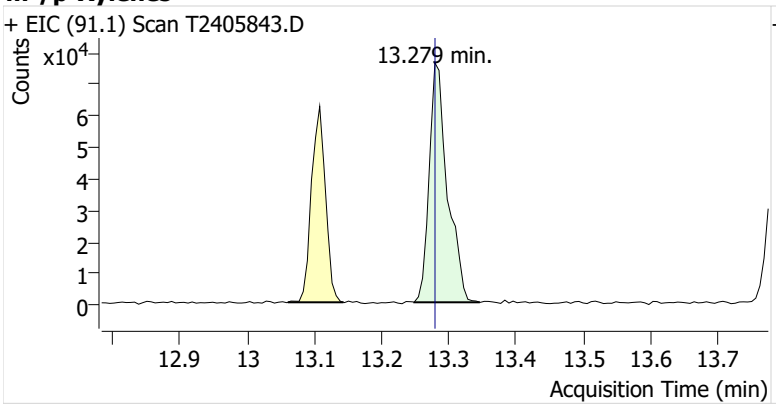


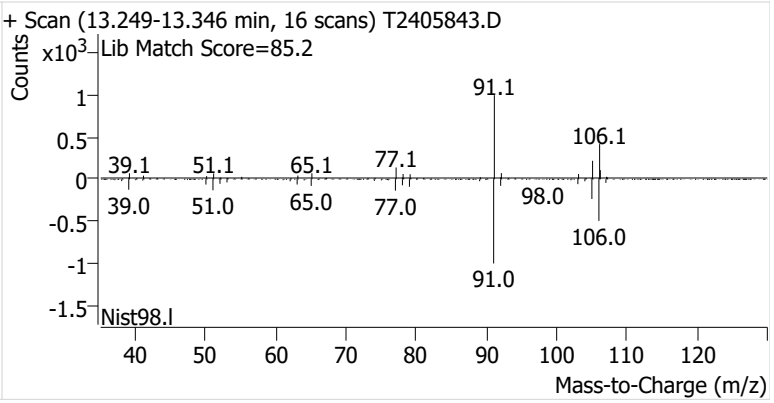
Ethylbenzene



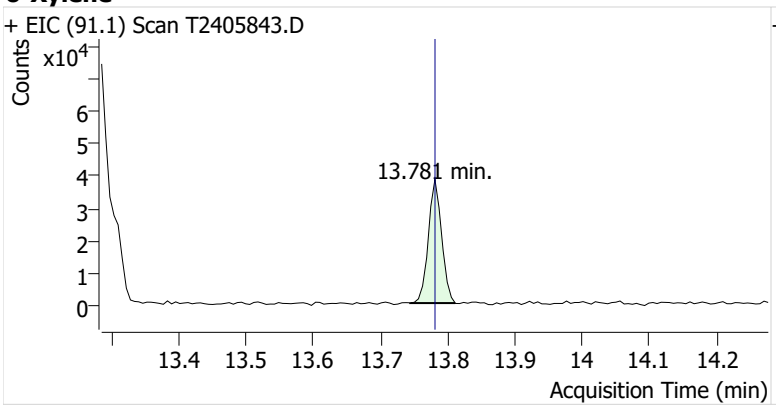


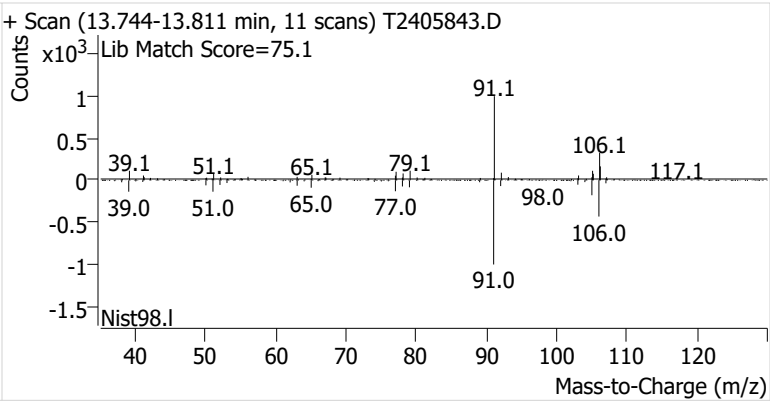
m-/p-Xylenes





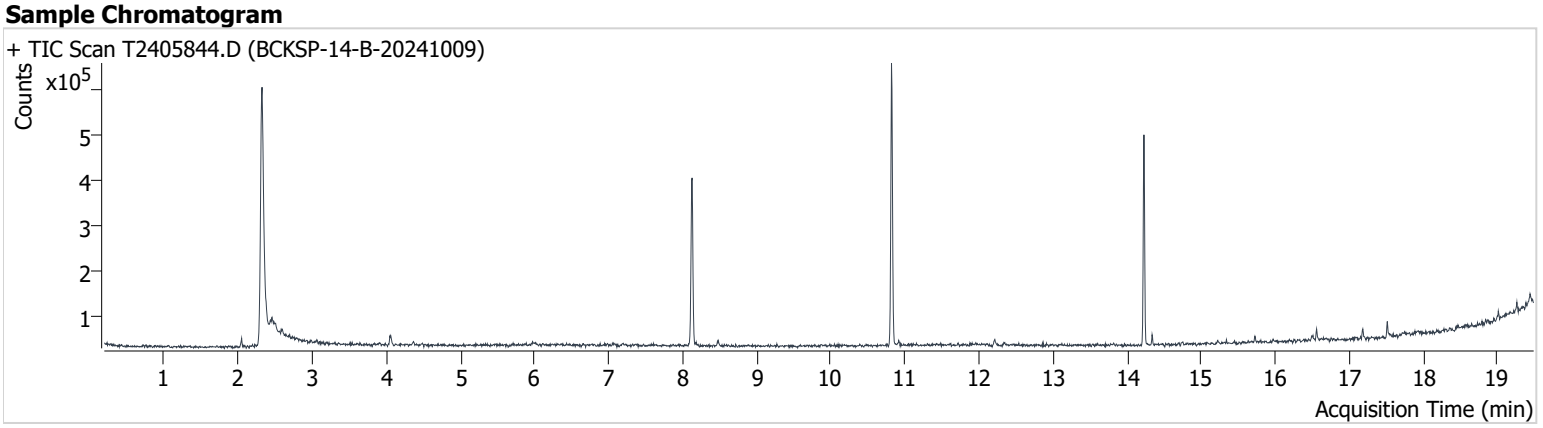
o-Xylene


+ EIC (91.1) Scan T2405843.D
Counts
x10^4
13.781 min.
Acquisition Time (min)


+ Scan (13.744-13.811 min, 11 scans) T2405843.D
Lib Match Score=75.1
Counts
x10^3
91.1
106.1
117.1
39.1
51.1
65.1
79.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

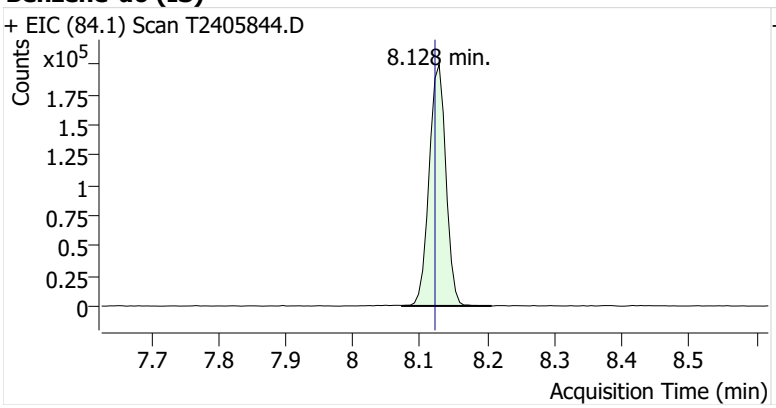
Name	BCKSP-14-B-20241009
Comment	C32949
Data File	T2405844.D
Acq. Date-Time	10/29/2024 6:52:30 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

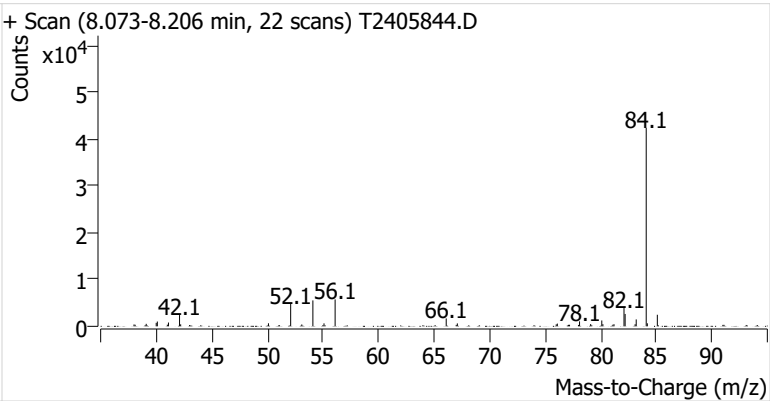
Sample Chromatogram



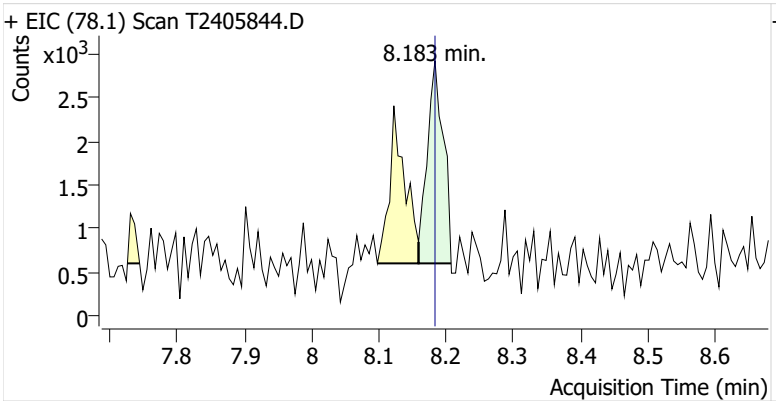
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	346,206	
Benzene	Benzene-d6 (IS)	8.183	8.183	3,645	
Toluene-d8 (IS)		10.820	10.820	385,322	
Toluene	Toluene-d8 (IS)	10.918	10.918	4,736	
Ethylbenzene	Toluene-d8 (IS)	13.120	13.102	354	
m-/p-Xylenes	Toluene-d8 (IS)	13.120	13.279	ND	m
o-Xylene	Toluene-d8 (IS)	13.799	13.781	307	

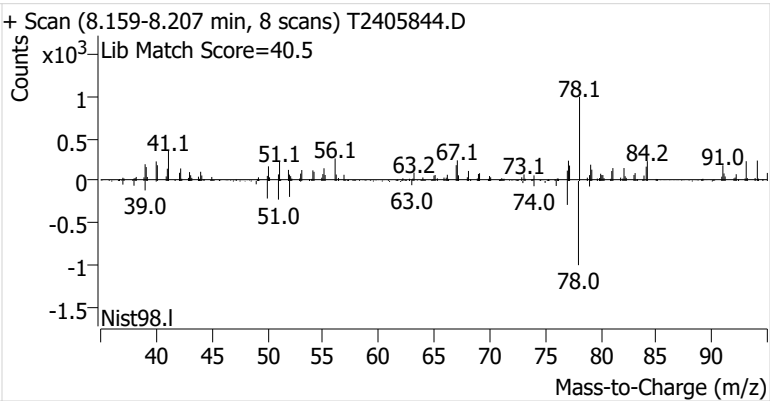
Benzene-d6 (IS)



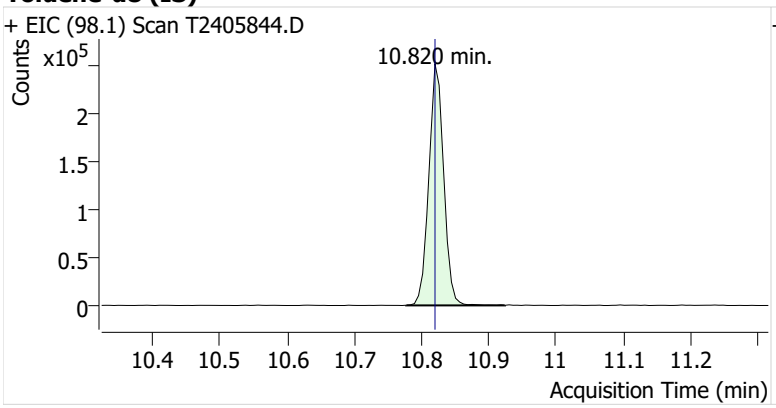


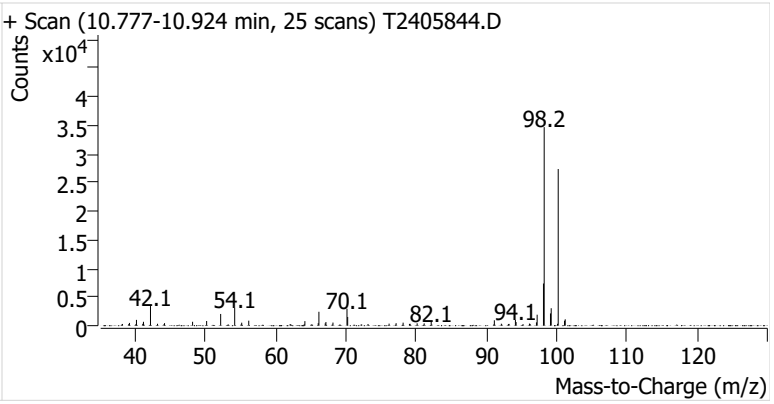
Benzene



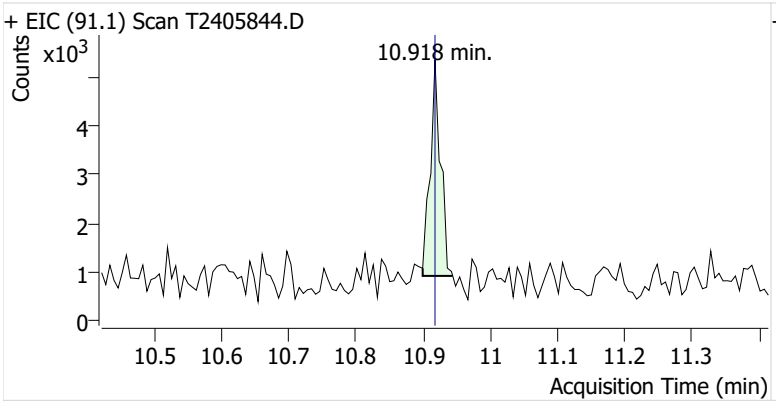


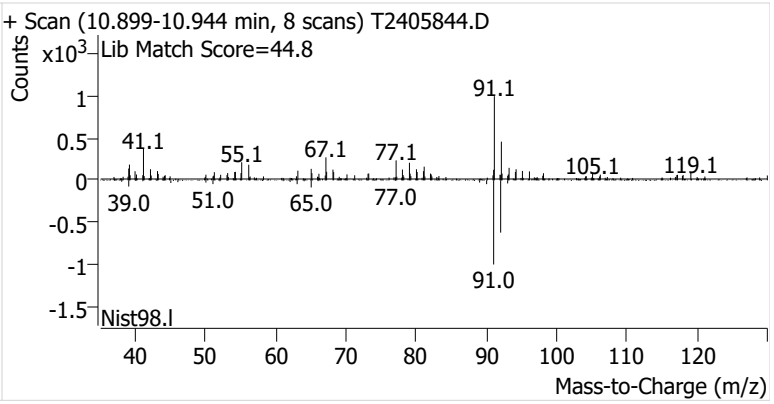
Toluene-d8 (IS)



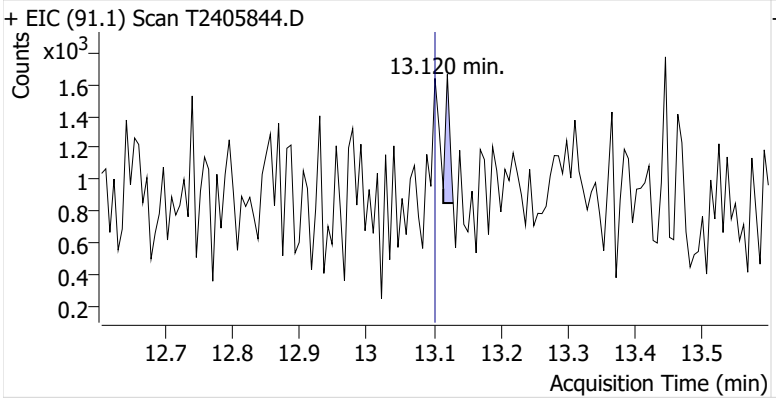


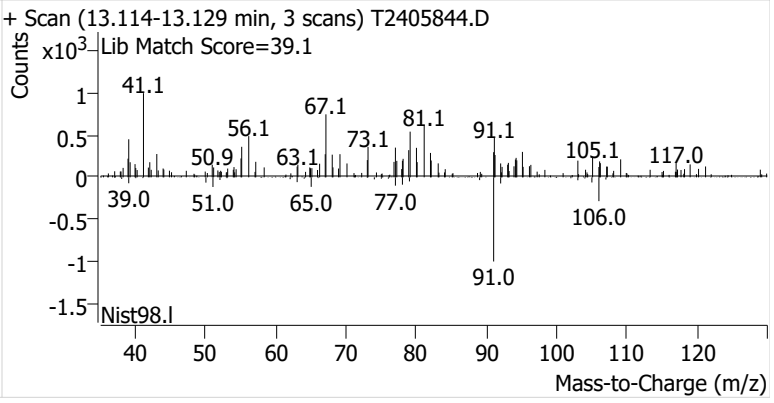
Toluene



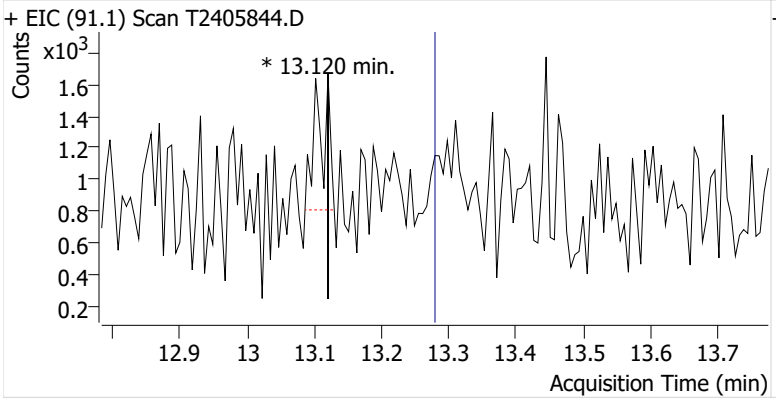


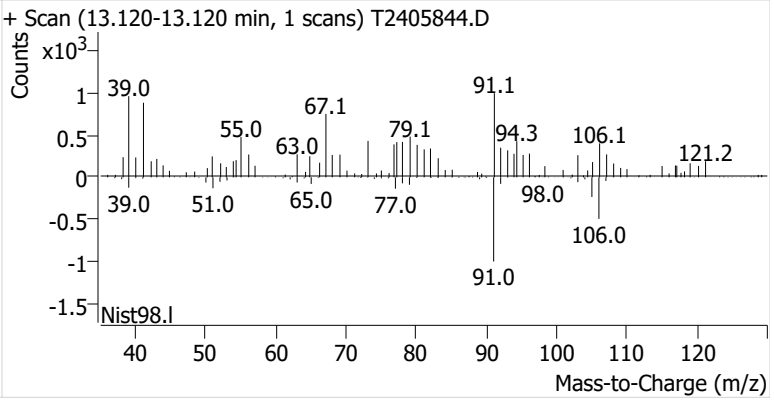
Ethylbenzene



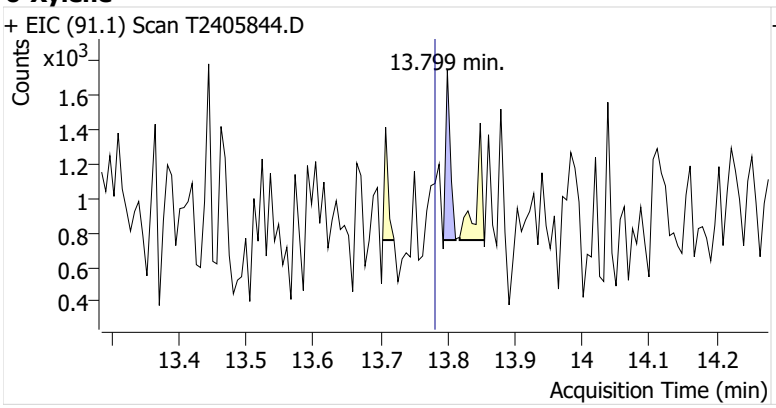


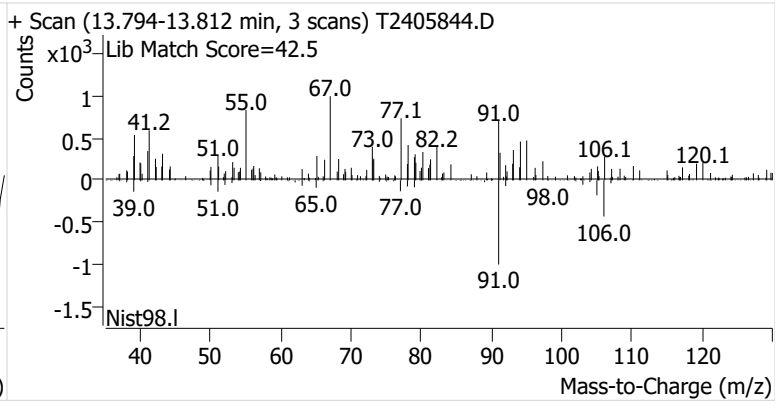
m-/p-Xylenes





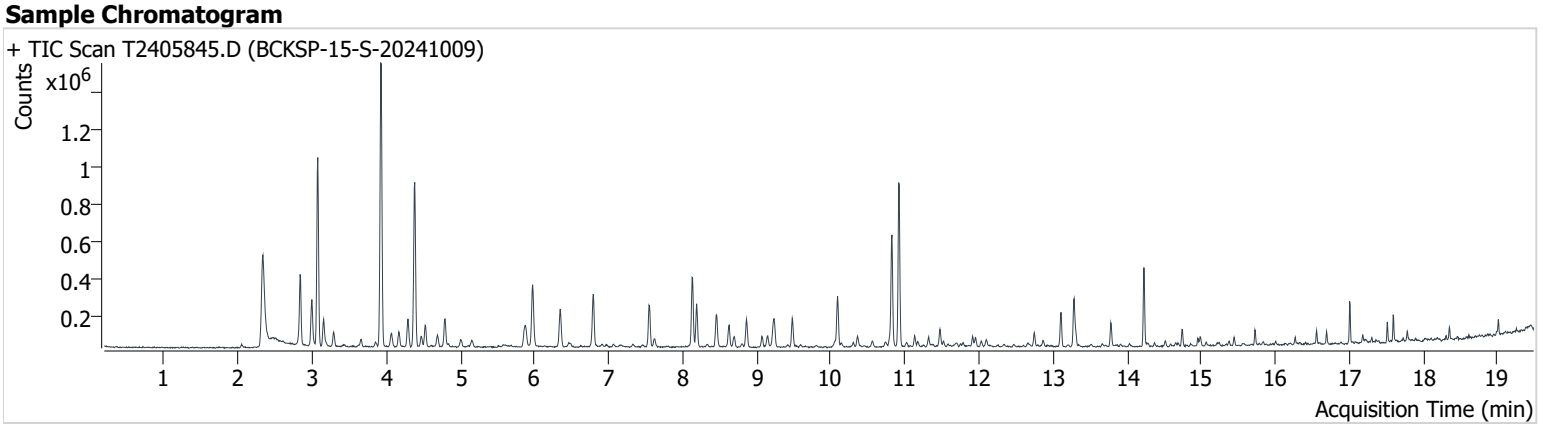
o-Xylene


+ EIC (91.1) Scan T2405844.D
Counts
x10^3
1.6
1.4
1.2
1
0.8
0.6
0.4
13.799 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.794-13.812 min, 3 scans) T2405844.D
Lib Match Score=42.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.2
55.0
67.0
77.1
91.0
73.0
82.2
51.0
106.1
120.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

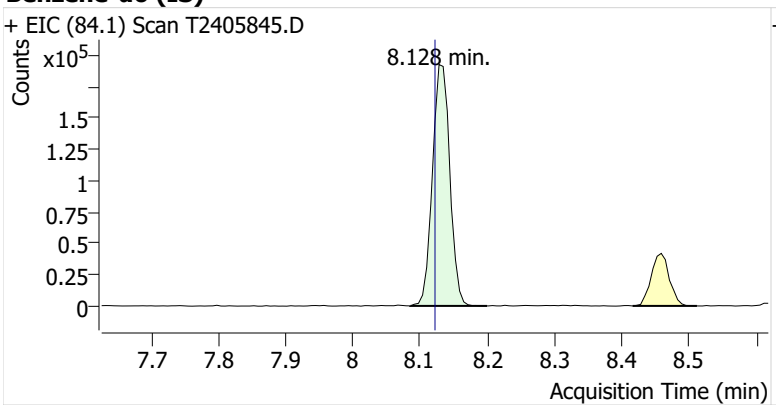
Name	BCKSP-15-S-20241009
Comment	C16102
Data File	T2405845.D
Acq. Date-Time	10/29/2024 7:18:07 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

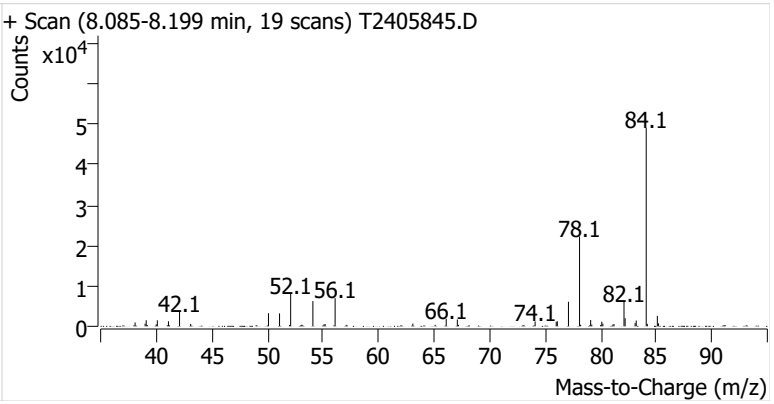
Sample Chromatogram



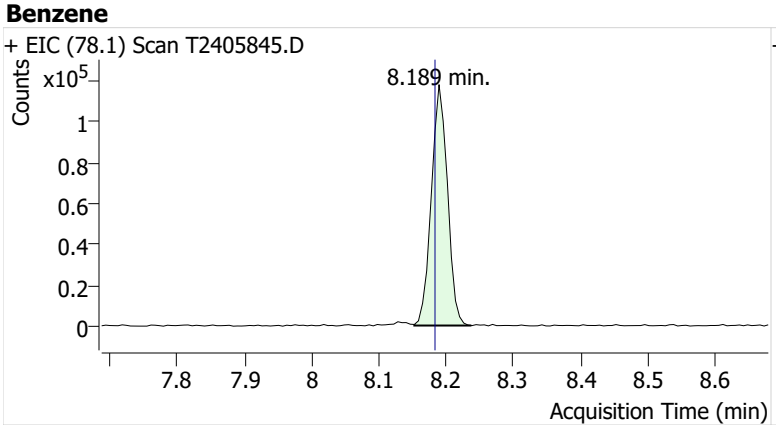
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	345,329	
Benzene	Benzene-d6 (IS)	8.189	8.183	195,405	
Toluene-d8 (IS)		10.826	10.820	384,663	
Toluene	Toluene-d8 (IS)	10.918	10.918	604,154	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	129,592	
m-/p-Xylenes	Toluene-d8 (IS)	13.279	13.279	186,138	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	66,835	

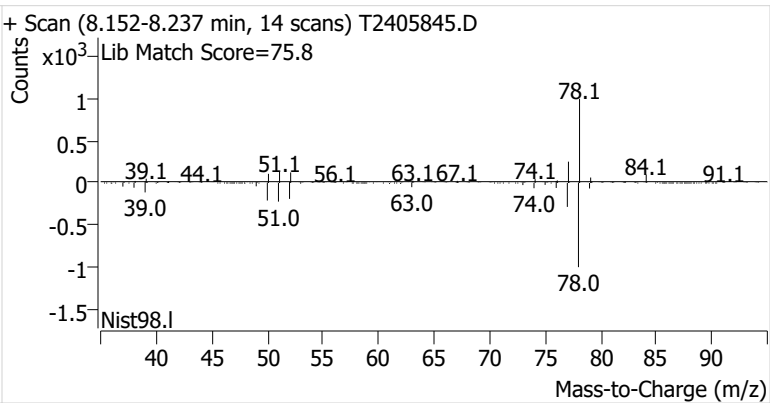
Benzene-d6 (IS)



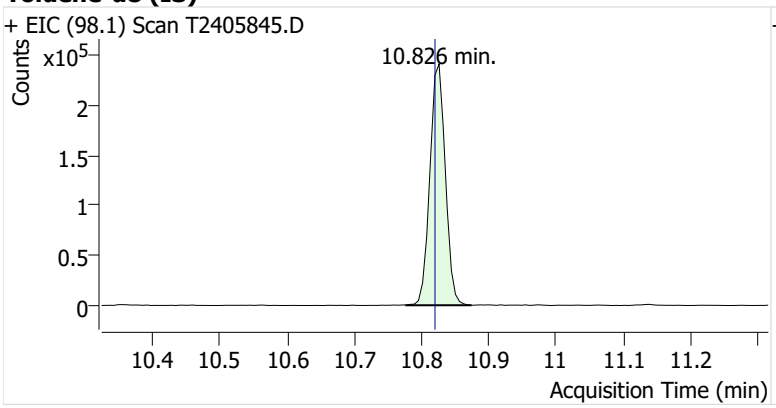


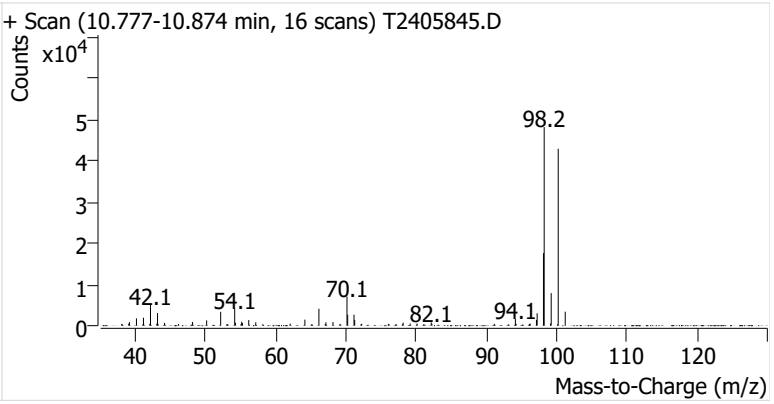
Benzene



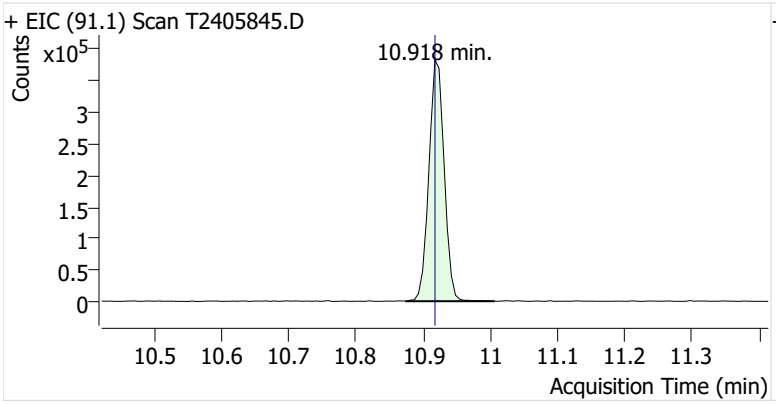


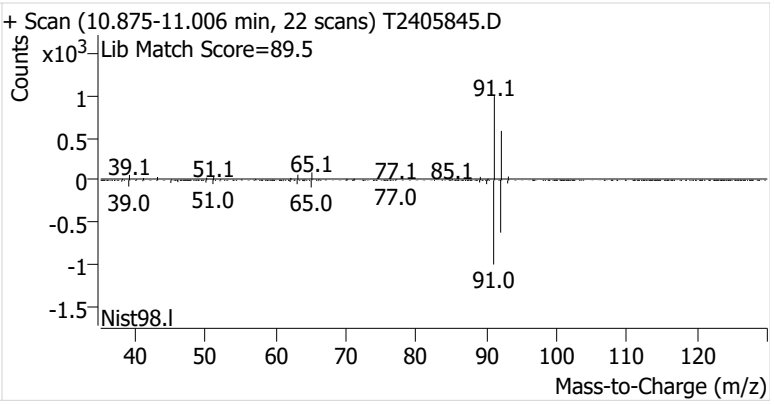
Toluene-d8 (IS)



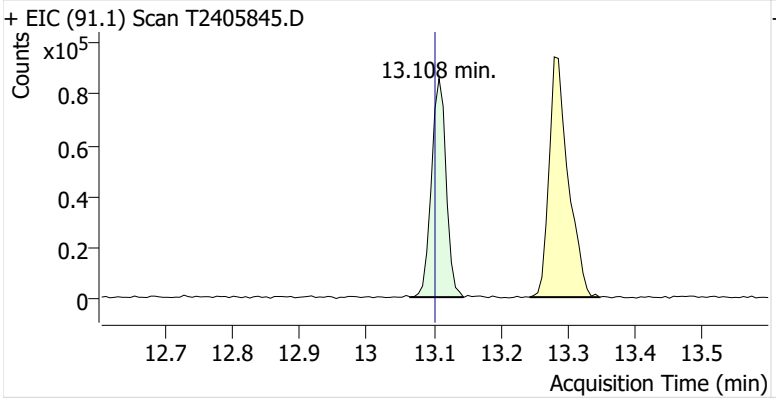


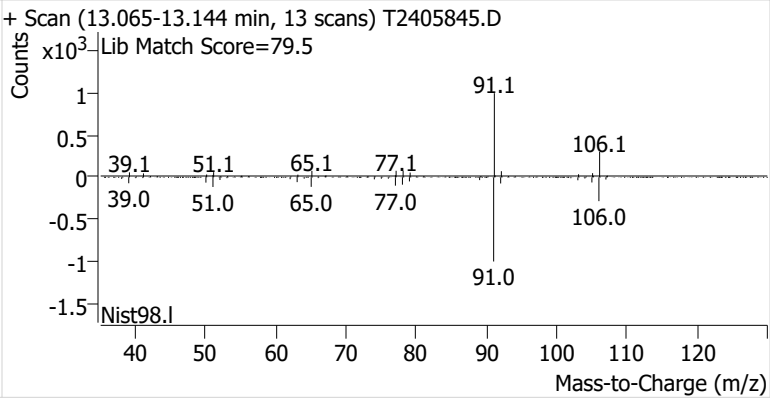
Toluene



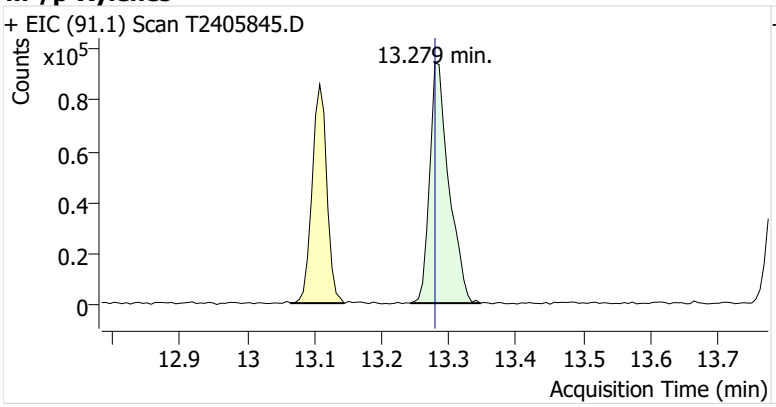


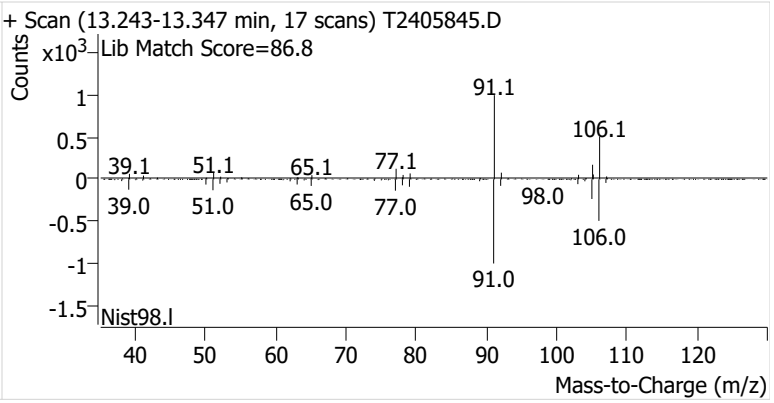
Ethylbenzene



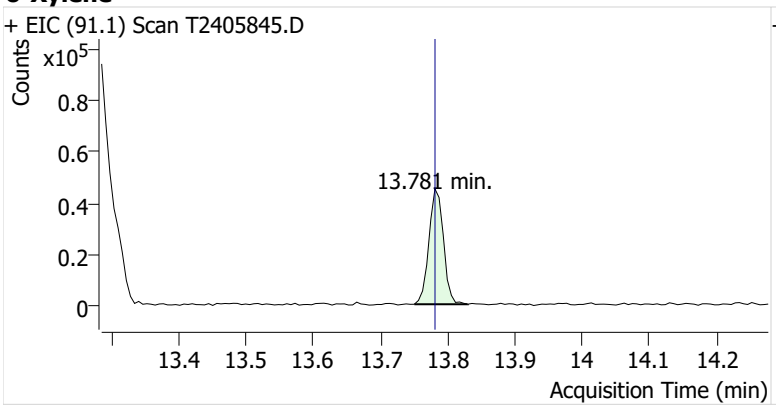


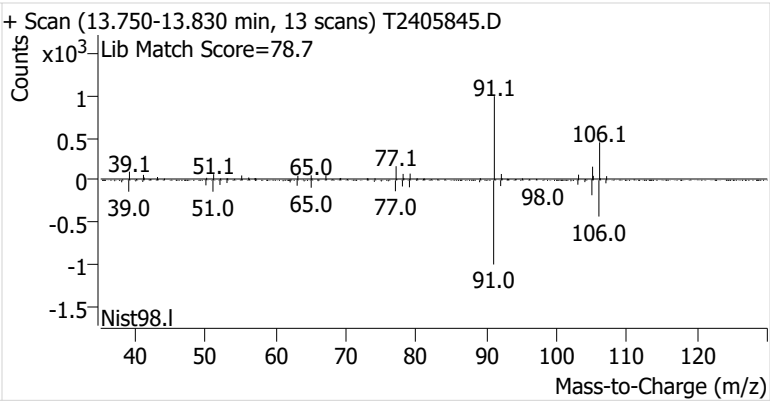
m-/p-Xylenes





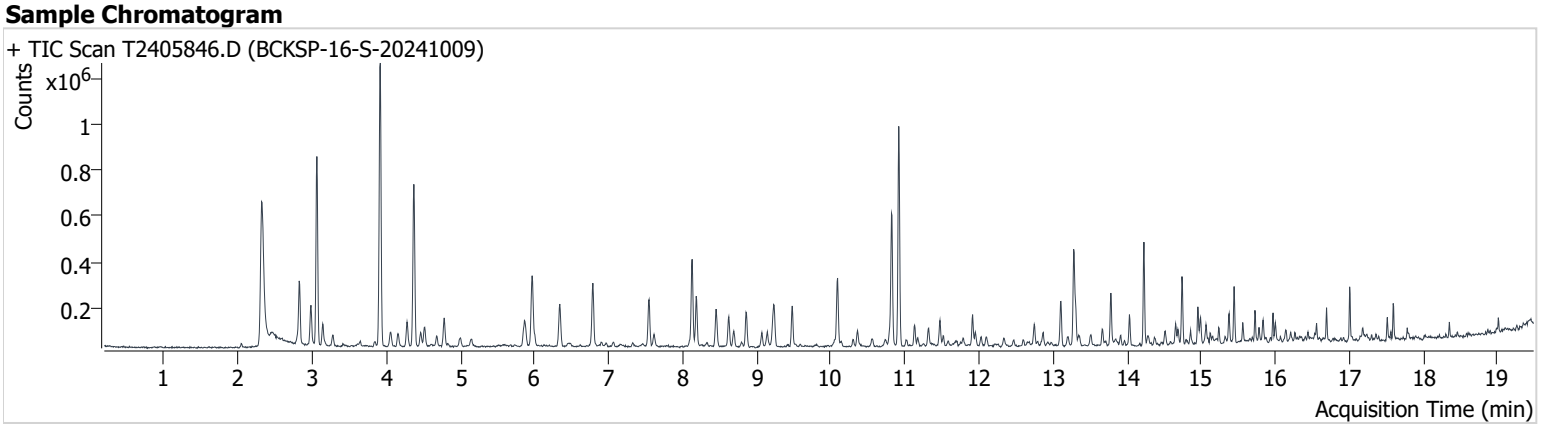
o-Xylene


+ EIC (91.1) Scan T2405845.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.750-13.830 min, 13 scans) T2405845.D
Lib Match Score=78.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.0
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

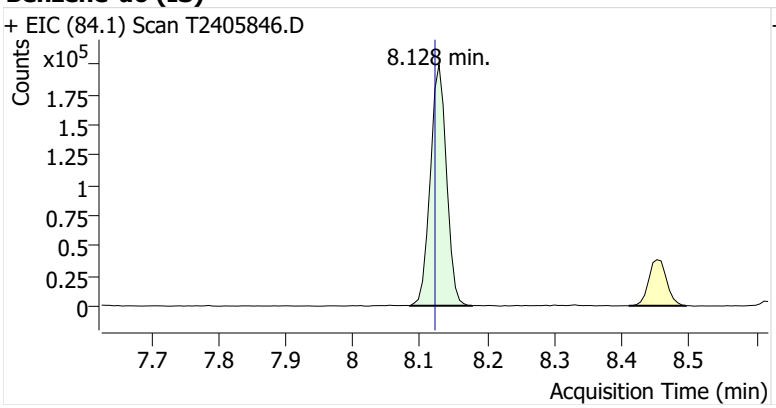
Name	BCKSP-16-S-20241009
Comment	C40663
Data File	T2405846.D
Acq. Date-Time	10/29/2024 7:43:34 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

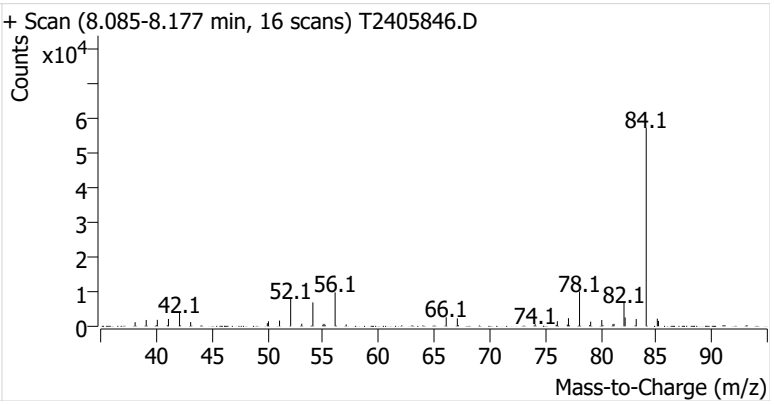
Sample Chromatogram



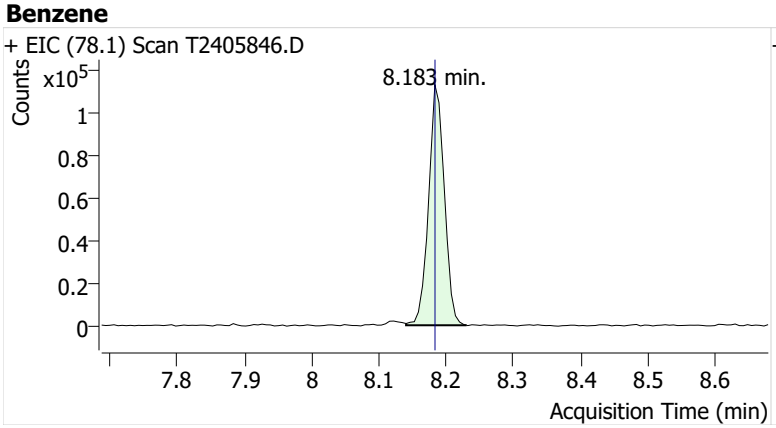
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.128	8.122	334,276	
Benzene	Benzene-d6 (IS)	8.183	8.183	183,322	
Toluene-d8 (IS)		10.820	10.820	383,685	
Toluene	Toluene-d8 (IS)	10.918	10.918	627,196	
Ethylbenzene	Toluene-d8 (IS)	13.108	13.102	128,988	
m-/p-Xylenes	Toluene-d8 (IS)	13.279	13.279	310,314	
o-Xylene	Toluene-d8 (IS)	13.781	13.781	114,033	

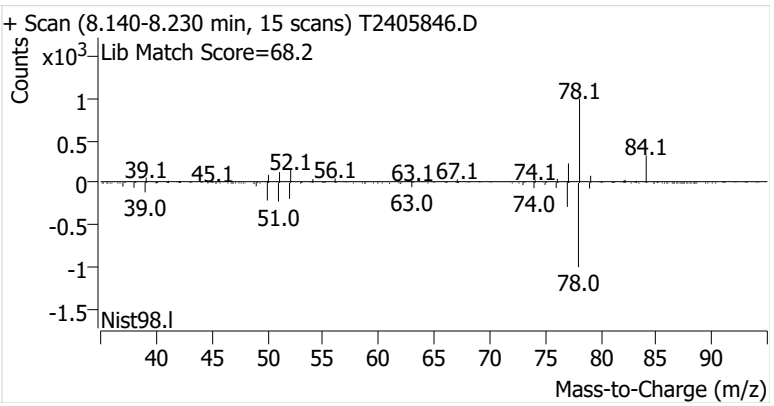
Benzene-d6 (IS)



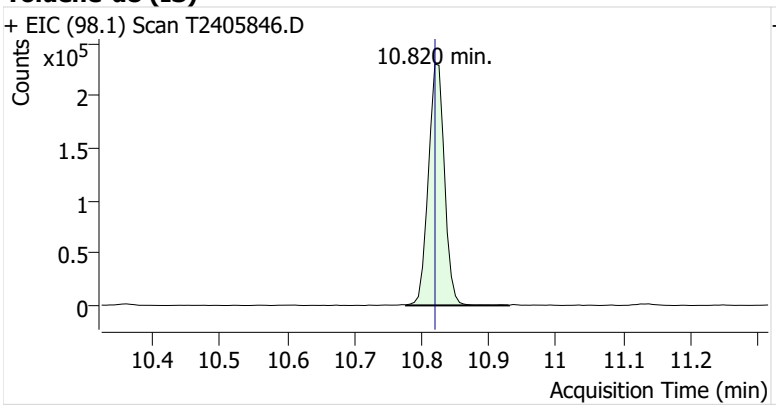


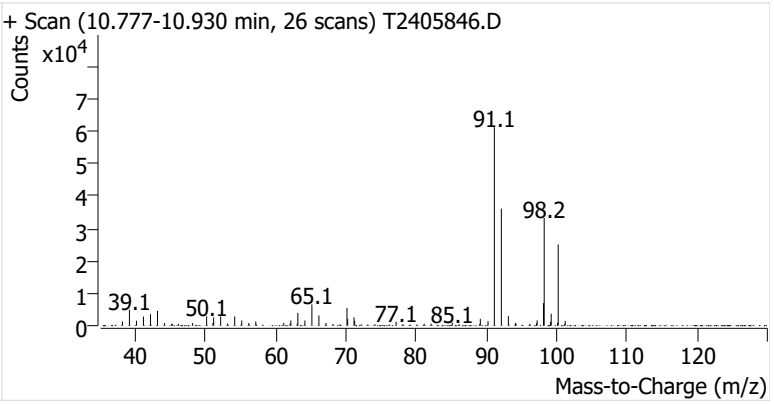
Benzene



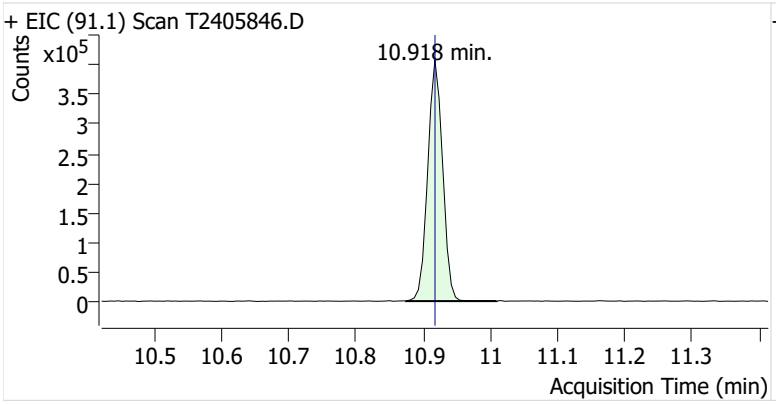


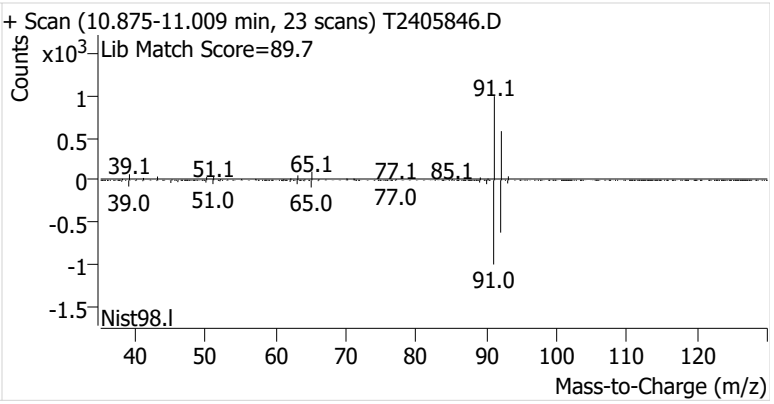
Toluene-d8 (IS)



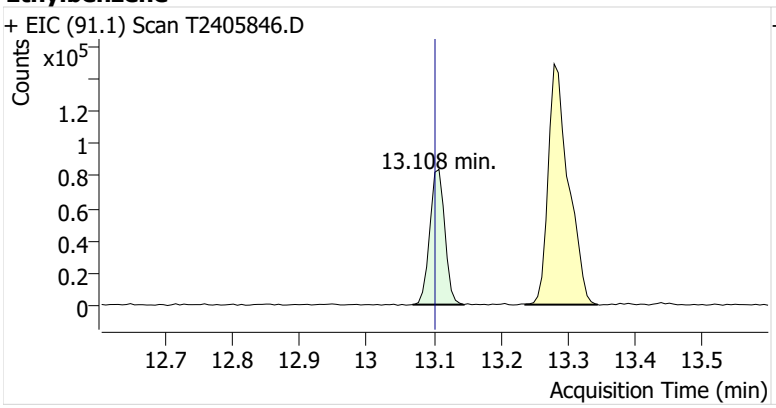


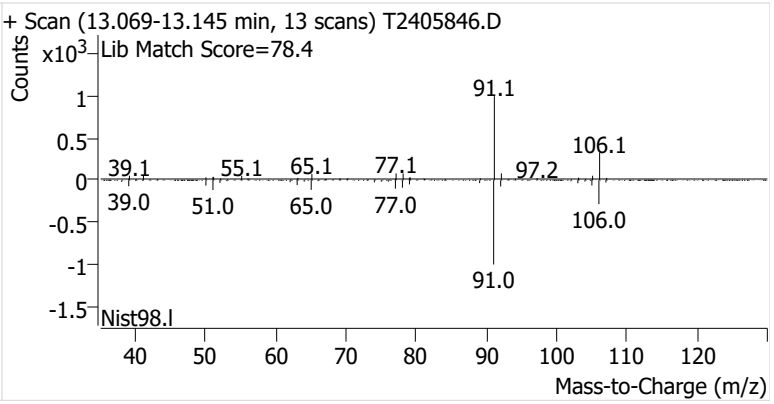
Toluene



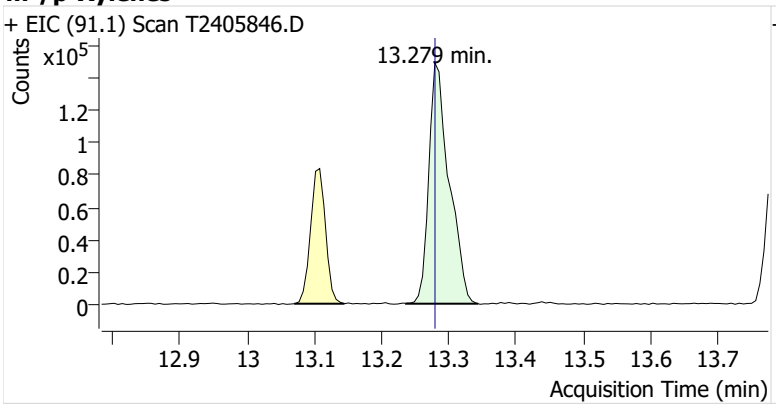


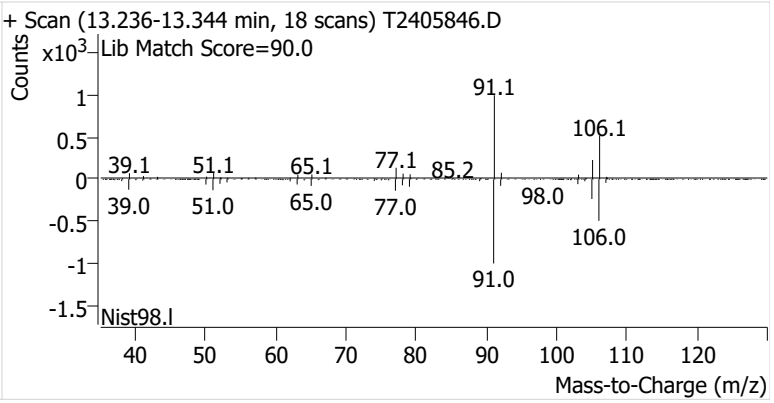
Ethylbenzene



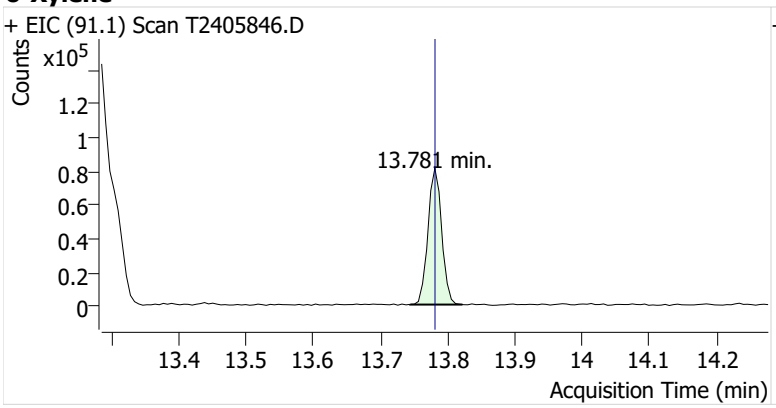


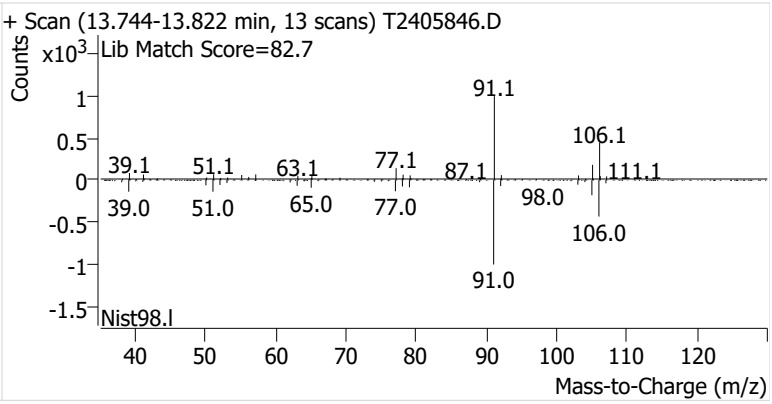
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan T2405846.D
Counts
x10^5
1.2
1
0.8
0.6
0.4
0.2
0
13.781 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.744-13.822 min, 13 scans) T2405846.D
Counts
x10^3
Lib Match Score=82.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
63.1
77.1
87.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Calibration Summary Reports

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.931	1.913	1.931	0.96%	-12%		Pass	
2024GD402 Method Blank-1	Blank		1.913	1.931			8.2%	Pass	ND
M325B CCV 5	Check	1.937	1.913	1.931	1.3%		-1.8%	Pass	
M325B CCV 5	Check	1.883	1.913	1.931	-1.5%		1.3%	Pass	
M325B CCV 5	Cal	1.884	1.913	1.884	-1.5%	10%	25%	Pass	
M325B CCV 5	Check	1.904	1.913	1.884	-0.45%		-21%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	2.277	2.288	2.277	-0.47%	-11%		Pass	
2024GD402 Method Blank-1	Blank		2.288	2.277			4.6%	Pass	ND
M325B CCV 5	Check	2.416	2.288	2.277	5.6%		-2.9%	Pass	
M325B CCV 5	Check	2.260	2.288	2.277	-1.2%		0.086%	Pass	
M325B CCV 5	Cal	2.368	2.288	2.368	3.5%	9.2%	22%	Pass	
M325B CCV 5	Check	2.569	2.288	2.368	12%		-25%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.439	1.797	1.439	-20%	-10%		Pass	
2024GD402 Method Blank-1	Blank		1.797	1.439			4.6%	Pass	ND
M325B CCV 5	Check	1.868	1.797	1.439	4.0%		-2.9%	Pass	
M325B CCV 5	Check	1.527	1.797	1.439	-15%		0.086%	Pass	
M325B CCV 5	Cal	1.768	1.797	1.768	-1.6%	9.7%	22%	Pass	
M325B CCV 5	Check	1.871	1.797	1.768	4.1%		-25%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.463	1.675	1.463	-13%	-11%		Pass	
2024GD402 Method Blank-1	Blank		1.675	1.463			4.6%	Pass	ND
M325B CCV 5	Check	1.826	1.675	1.463	9.0%		-2.9%	Pass	
M325B CCV 5	Check	1.546	1.675	1.463	-7.7%		0.086%	Pass	
M325B CCV 5	Cal	1.758	1.675	1.758	4.9%	9.2%	22%	Pass	
M325B CCV 5	Check	1.873	1.675	1.758	12%		-25%	Pass	

Toluene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	2.074	2.132	2.074	-2.7%	-10%		Pass	
2024GD402 Method Blank-1	Blank		2.132	2.074			4.6%	Pass	ND
M325B CCV 5	Check	2.143	2.132	2.074	0.53%		-2.9%	Pass	
M325B CCV 5	Check	2.047	2.132	2.074	-4.0%		0.086%	Pass	
M325B CCV 5	Cal	2.073	2.132	2.073	-2.8%	9.7%	22%	Pass	
M325B CCV 5	Check	2.227	2.132	2.073	4.5%		-25%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
T101624A_CC252679.quantmethod.xml	Benzene	1	T2405634.D	4.95	72295	55.2	383598	2.104	10%
T101624A_CC252679.quantmethod.xml	Benzene	2	T2405635.D	9.90	130967	55.2	380429	1.922	0.48%
T101624A_CC252679.quantmethod.xml	Benzene	3	T2405636.D	19.79	258500	55.2	379271	1.902	-0.53%
T101624A_CC252679.quantmethod.xml	Benzene	4	T2405637.D	39.58	524190	55.2	374381	1.954	2.2%
T101624A_CC252679.quantmethod.xml	Benzene	5	T2405654.D	99.22	1487880	55.2	437613	1.893	-1.0%
T101624A_CC252679.quantmethod.xml	Benzene	6	T2405639.D	197.90	2489382	55.2	380686	1.825	-4.6%
T101624A_CC252679.quantmethod.xml	Benzene	7	T2405640.D	593.70	7341334	55.2	382026	1.788	-6.5%
						Avg:	388286	1.913	
						%RSD:	5.7%	5.3%	
T101624A_CC252679.quantmethod.xml	Ethylbenzene	2	T2405635.D	10.28	145984	65.2	435117	2.126	-7.1%
T101624A_CC252679.quantmethod.xml	Ethylbenzene	3	T2405636.D	20.57	310186	65.2	430622	2.282	-0.24%
T101624A_CC252679.quantmethod.xml	Ethylbenzene	4	T2405637.D	41.14	676415	65.2	430162	2.491	8.9%
T101624A_CC252679.quantmethod.xml	Ethylbenzene	5	T2405654.D	103.12	1844630	65.2	490728	2.376	3.8%
T101624A_CC252679.quantmethod.xml	Ethylbenzene	6	T2405639.D	205.68	3137427	65.2	437070	2.274	-0.58%
T101624A_CC252679.quantmethod.xml	Ethylbenzene	7	T2405640.D	617.05	9195636	65.2	446196	2.177	-4.9%
						Avg:	444982	2.288	
						%RSD:	5.2%	5.8%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
T101624A_CC252679.quantmethod.xml	m-/p-Xylenes	1	T2405634.D	4.86	75081	65.2	431699	2.334	30%
T101624A_CC252679.quantmethod.xml	m-/p-Xylenes	2	T2405635.D	9.71	95550	65.2	435117	1.473	-18%
T101624A_CC252679.quantmethod.xml	m-/p-Xylenes	3	T2405636.D	19.43	214421	65.2	430622	1.670	-7.0%
T101624A_CC252679.quantmethod.xml	m-/p-Xylenes	4	T2405637.D	38.85	431527	65.2	430162	1.683	-6.4%
T101624A_CC252679.quantmethod.xml	m-/p-Xylenes	5	T2405654.D	97.39	1399088	65.2	490728	1.908	6.2%
T101624A_CC252679.quantmethod.xml	m-/p-Xylenes	6	T2405639.D	194.26	2266644	65.2	437070	1.740	-3.2%
T101624A_CC252679.quantmethod.xml	m-/p-Xylenes	7	T2405640.D	582.77	7066049	65.2	446196	1.771	-1.5%
						Avg:	443085	1.797	
						%RSD:	4.9%	15%	
T101624A_CC252679.quantmethod.xml	o-Xylene	2	T2405635.D	10.13	100260	65.2	435117	1.482	-12%
T101624A_CC252679.quantmethod.xml	o-Xylene	3	T2405636.D	20.26	224046	65.2	430622	1.674	-0.10%
T101624A_CC252679.quantmethod.xml	o-Xylene	4	T2405637.D	40.52	441127	65.2	430162	1.649	-1.6%
T101624A_CC252679.quantmethod.xml	o-Xylene	5	T2405654.D	101.58	1427037	65.2	490728	1.866	11%
T101624A_CC252679.quantmethod.xml	o-Xylene	6	T2405639.D	202.61	2299499	65.2	437070	1.692	1.0%
T101624A_CC252679.quantmethod.xml	o-Xylene	7	T2405640.D	607.82	7027091	65.2	446196	1.689	0.79%
						Avg:	444982	1.675	
						%RSD:	5.2%	7.3%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD402-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
T101624A_CC252679.quantmethod.xml	Toluene	1	T2405634.D	5.35	82548	65.2	431699	2.329	9.3%
T101624A_CC252679.quantmethod.xml	Toluene	2	T2405635.D	10.70	151675	65.2	435117	2.123	-0.41%
T101624A_CC252679.quantmethod.xml	Toluene	3	T2405636.D	21.40	320356	65.2	430622	2.266	6.3%
T101624A_CC252679.quantmethod.xml	Toluene	4	T2405637.D	42.80	627605	65.2	430162	2.222	4.2%
T101624A_CC252679.quantmethod.xml	Toluene	5	T2405654.D	107.28	1685539	65.2	490728	2.086	-2.1%
T101624A_CC252679.quantmethod.xml	Toluene	6	T2405639.D	213.98	2866554	65.2	437070	1.997	-6.3%
T101624A_CC252679.quantmethod.xml	Toluene	7	T2405640.D	641.94	8352682	65.2	446196	1.900	-11%
						Avg:	443085	2.132	
						%RSD:	4.9%	7.1%	
T101624A_CC252679.quantmethod.xml	Benzene	ICV	T2405641.D	64.23	809935	55.2	374938	1.858	-2.9%
T101624A_CC252679.quantmethod.xml	Ethylbenzene	ICV	T2405641.D	86.24	1313176	65.2	440136	2.255	-1.4%
T101624A_CC252679.quantmethod.xml	m-/p-Xylenes	ICV	T2405641.D	89.77	1032334	65.2	440136	1.703	-5.2%
T101624A_CC252679.quantmethod.xml	o-Xylene	ICV	T2405641.D	88.36	1008608	65.2	440136	1.690	0.89%
T101624A_CC252679.quantmethod.xml	Toluene	ICV	T2405641.D	76.61	1068693	65.2	440136	2.066	-3.1%

This Is The Last Page Of This Report.

Buckeye – South Portland

170 Lincoln Street
South Portland, ME 04106

Sampling Event 7
PROJ-031334

Analytical Report
(2024GD403)

EPA Method 325B
Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene

Report Submitted By:
Montrose Air Quality Services LLC – Pine Brook, NJ

Enthalpy Analytical, LLC
Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of a report are not taken out of context.

QA REVIEW PERFORMED BY
Brianna Berry
QA Associate I

Report Issued: 11/20/2024

ENTHALPY
ANALYTICAL

Summary of Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Summary

Sample Code	Tube ID	Benzene (ug/m³)	Flag	Ethylbenzene (ug/m³)	Flag	m-/p-Xylene (ug/m³)	Flag	o-Xylene (ug/m³)	Flag	Toluene (ug/m³)	Flag
BCKSP-1-S-20241023	C43569	0.986		0.804	Pc	2.79	P	0.999	Pc	6.19	
BCKSP-2-S-20241023	C01514	0.987		0.924	Pc	2.39	P	0.917	Pc	5.37	
BCKSP-3-S-20241023	C17257	1.20		1.08	Pc	2.94	P	1.08	Pc	6.23	
BCKSP-4-S-20241023	C40190	1.14		0.746	Pc	2.33	P	0.819	Pc	5.64	
BCKSP-5-S-20241023	B43095	2.02		0.806	Pc	1.19	P	0.496	J,Pc	10.7	
BCKSP-5-D-20241023	C40559	1.85		1.18	Pc	3.18	P	1.15	Pc	8.51	
BCKSP-5-B-20241023	C43661		ND		ND,Pc		ND,P		ND,Pc		ND
BCKSP-6-S-20241023	B49577	2.92		2.37	Pc	9.36	P	3.48	Pc	13.2	
BCKSP-7-S-20241023	C33016	3.79		2.66	Pc	6.51	P	2.28	Pc	19.0	
BCKSP-8-S-20241023	C00665	6.36		3.63	Pc	12.0	P	4.26	Pc	28.5	
BCKSP-9-S-20241023	C31392	6.77		3.37	Pc	10.6	P	3.90	Pc	26.7	
BCKSP-10-S-20241023	C01853	5.27		2.92	Pc	9.69	P	3.65	Pc	23.3	
BCKSP-11-S-20241023	C34142	2.91		1.92	Pc	6.63	P	2.29	Pc	13.8	
BCKSP-12-S-20241023	C39264	3.09		1.85	Pc	6.13	P	2.11	Pc	13.7	
BCKSP-13-S-20241023	C37420	2.66		1.88	Pc	5.93	P	2.16	Pc	12.1	
BCKSP-14-S-20241023	C43641	0.922		0.835	Pc	2.94	P	1.19	Pc	4.82	
BCKSP-14-D-20241023	B47158	1.06		0.622	Pc	2.17	P	0.879	Pc	4.22	
BCKSP-14-B-20241023	B40439		ND		ND,Pc		ND,P		ND,Pc		ND
BCKSP-15-S-20241023	C33519	1.02		0.929	Pc	2.05	P	0.873	Pc	4.84	
BCKSP-16-S-20241023	C43690	1.14		0.399	J,Pc	0.548	J,P		ND,Pc	6.72	

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241023	C43569	0.986	0.309	13.0	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-2-S-20241023	C01514	0.987	0.309	13.0	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-3-S-20241023	C17257	1.20	0.377	15.8	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-4-S-20241023	C40190	1.14	0.358	15.0	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-5-S-20241023	B43095	2.02	0.634	26.6	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-5-D-20241023	C40559	1.85	0.578	24.3	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-5-B-20241023	C43661				46.9	0.651	20,190	0.190	0.395	0.0596	0.124	ND
BCKSP-6-S-20241023	B49577	2.92	0.913	38.3	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-7-S-20241023	C33016	3.79	1.19	49.9	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-8-S-20241023	C00665	6.36	1.99	83.6	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-9-S-20241023	C31392	6.77	2.12	89.0	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-10-S-20241023	C01853	5.27	1.65	69.3	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-11-S-20241023	C34142	2.91	0.913	38.3	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-12-S-20241023	C39264	3.09	0.967	40.6	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-13-S-20241023	C37420	2.66	0.835	35.0	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-14-S-20241023	C43641	0.922	0.289	12.1	46.9	0.651	20,190	0.190	0.395	0.0596	0.124	
BCKSP-14-D-20241023	B47158	1.06	0.333	14.0	46.9	0.651	20,195	0.190	0.395	0.0596	0.124	
BCKSP-14-B-20241023	B40439				47.0	0.651	20,205	0.190	0.395	0.0595	0.124	ND
BCKSP-15-S-20241023	C33519	1.02	0.318	13.4	47.0	0.651	20,200	0.190	0.395	0.0595	0.124	
BCKSP-16-S-20241023	C43690	1.14	0.359	15.1	47.0	0.651	20,200	0.190	0.395	0.0595	0.124	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241023	C43569	0.804	0.185	7.25	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-2-S-20241023	C01514	0.924	0.213	8.34	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-3-S-20241023	C17257	1.08	0.250	9.78	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-4-S-20241023	C40190	0.746	0.172	6.73	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-5-S-20241023	B43095	0.806	0.186	7.28	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-5-D-20241023	C40559	1.18	0.271	10.6	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-5-B-20241023	C43661				46.9	0.447	20,190	0.277	0.591	0.0638	0.136	ND,Pc
BCKSP-6-S-20241023	B49577	2.37	0.547	21.4	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-7-S-20241023	C33016	2.66	0.613	24.0	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-8-S-20241023	C00665	3.63	0.836	32.7	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-9-S-20241023	C31392	3.37	0.777	30.4	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-10-S-20241023	C01853	2.92	0.673	26.4	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-11-S-20241023	C34142	1.92	0.443	17.4	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-12-S-20241023	C39264	1.85	0.426	16.7	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-13-S-20241023	C37420	1.88	0.432	16.9	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-14-S-20241023	C43641	0.835	0.192	7.53	46.9	0.447	20,190	0.277	0.591	0.0638	0.136	Pc
BCKSP-14-D-20241023	B47158	0.622	0.143	5.61	46.9	0.447	20,195	0.277	0.591	0.0638	0.136	Pc
BCKSP-14-B-20241023	B40439				47.0	0.447	20,205	0.277	0.591	0.0638	0.136	ND,Pc
BCKSP-15-S-20241023	C33519	0.929	0.214	8.38	47.0	0.447	20,200	0.277	0.591	0.0638	0.136	Pc
BCKSP-16-S-20241023	C43690	0.399	0.0920	3.60	47.0	0.447	20,200	0.277	0.591	0.0638	0.136	J,Pc

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

m-/p-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241023	C43569	2.79	0.643	25.2	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-2-S-20241023	C01514	2.39	0.552	21.6	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-3-S-20241023	C17257	2.94	0.677	26.5	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-4-S-20241023	C40190	2.33	0.538	21.1	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-5-S-20241023	B43095	1.19	0.274	10.7	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-5-D-20241023	C40559	3.18	0.733	28.7	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-5-B-20241023	C43661				46.9	0.447	20,190	0.277	0.595	0.0638	0.137	ND,P
BCKSP-6-S-20241023	B49577	9.36	2.16	84.5	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-7-S-20241023	C33016	6.51	1.50	58.8	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-8-S-20241023	C00665	12.0	2.77	109	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-9-S-20241023	C31392	10.6	2.44	95.6	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-10-S-20241023	C01853	9.69	2.23	87.4	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-11-S-20241023	C34142	6.63	1.53	59.8	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-12-S-20241023	C39264	6.13	1.41	55.3	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-13-S-20241023	C37420	5.93	1.37	53.5	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-14-S-20241023	C43641	2.94	0.677	26.5	46.9	0.447	20,190	0.277	0.595	0.0638	0.137	P
BCKSP-14-D-20241023	B47158	2.17	0.501	19.6	46.9	0.447	20,195	0.277	0.595	0.0638	0.137	P
BCKSP-14-B-20241023	B40439				47.0	0.447	20,205	0.277	0.594	0.0638	0.137	ND,P
BCKSP-15-S-20241023	C33519	2.05	0.471	18.5	47.0	0.447	20,200	0.277	0.595	0.0638	0.137	P
BCKSP-16-S-20241023	C43690	0.548	0.126	4.95	47.0	0.447	20,200	0.277	0.595	0.0638	0.137	J,P

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241023	C43569	0.999	0.230	9.01	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-2-S-20241023	C01514	0.917	0.211	8.27	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-3-S-20241023	C17257	1.08	0.249	9.77	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-4-S-20241023	C40190	0.819	0.189	7.39	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-5-S-20241023	B43095	0.496	0.114	4.47	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	J,Pc
BCKSP-5-D-20241023	C40559	1.15	0.265	10.4	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-5-B-20241023	C43661				46.9	0.447	20,190	0.277	0.598	0.0638	0.138	ND,Pc
BCKSP-6-S-20241023	B49577	3.48	0.802	31.4	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-7-S-20241023	C33016	2.28	0.525	20.5	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-8-S-20241023	C00665	4.26	0.983	38.5	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-9-S-20241023	C31392	3.90	0.899	35.2	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-10-S-20241023	C01853	3.65	0.842	33.0	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-11-S-20241023	C34142	2.29	0.528	20.7	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-12-S-20241023	C39264	2.11	0.487	19.1	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-13-S-20241023	C37420	2.16	0.499	19.5	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-14-S-20241023	C43641	1.19	0.275	10.8	46.9	0.447	20,190	0.277	0.598	0.0638	0.138	Pc
BCKSP-14-D-20241023	B47158	0.879	0.203	7.93	46.9	0.447	20,195	0.277	0.598	0.0638	0.138	Pc
BCKSP-14-B-20241023	B40439				47.0	0.447	20,205	0.277	0.598	0.0638	0.138	ND,Pc
BCKSP-15-S-20241023	C33519	0.873	0.201	7.88	47.0	0.447	20,200	0.277	0.598	0.0638	0.138	Pc
BCKSP-16-S-20241023	C43690				47.0	0.447	20,200	0.277	0.598	0.0638	0.138	ND,Pc

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241023	C43569	6.19	1.64	63.1	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-2-S-20241023	C01514	5.37	1.42	54.7	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-3-S-20241023	C17257	6.23	1.66	63.6	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-4-S-20241023	C40190	5.64	1.50	57.5	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-5-S-20241023	B43095	10.7	2.84	109	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-5-D-20241023	C40559	8.51	2.26	86.8	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-5-B-20241023	C43661				46.9	0.505	20,190	0.245	0.528	0.0651	0.140	ND
BCKSP-6-S-20241023	B49577	13.2	3.51	135	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-7-S-20241023	C33016	19.0	5.05	194	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-8-S-20241023	C00665	28.5	7.58	291	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-9-S-20241023	C31392	26.7	7.10	273	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-10-S-20241023	C01853	23.3	6.19	238	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-11-S-20241023	C34142	13.8	3.66	141	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-12-S-20241023	C39264	13.7	3.63	139	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-13-S-20241023	C37420	12.1	3.21	123	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-14-S-20241023	C43641	4.82	1.28	49.1	46.9	0.505	20,190	0.245	0.528	0.0651	0.140	
BCKSP-14-D-20241023	B47158	4.22	1.12	43.1	46.9	0.505	20,195	0.245	0.528	0.0651	0.140	
BCKSP-14-B-20241023	B40439				47.0	0.505	20,205	0.245	0.528	0.0650	0.140	ND
BCKSP-15-S-20241023	C33519	4.84	1.28	49.4	47.0	0.505	20,200	0.245	0.528	0.0650	0.140	
BCKSP-16-S-20241023	C43690	6.72	1.78	68.6	47.0	0.505	20,200	0.245	0.528	0.0650	0.140	

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		o-Xylene		Toluene		m-/p-Xylene	
Blanks (ug/m³)	BCKSP-5-B-20241023	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	BCKSP-14-B-20241023	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	BCKSP-5-D-20241023	9.2%	Pass	37%	Pc	80%	Pc	23%	Pass	91%	P
	BCKSP-14-D-20241023	14%	Pass	29%	Pass	30%	Pass	13%	Pass	30%	Pass

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	Buckeye – South Portland
Project	PROJ-031334
Report #	2024GD403

Custody	Enthalpy Analytical, LLC received the sample tubes on 11/11/24. The samples were received in good condition at a temperature of 19.4 ºC. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for Benzene, Toluene, Ethylbenzene, o-Xylene, and m-/p-Xylenes using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below. The primary sample BCKSP-5-S-20241023 (tube ID B43095) and its corresponding duplicate BCKSP-5-D-20241023 (tube ID C40559) failed to meet the 30% difference criterion for m-/p-Xylenes specified by the method. All samples in the data set have been flagged “P” for m-/p-Xylenes only to denote this failure. The primary sample BCKSP-5-S-20241023 (tube ID B43095) and its corresponding duplicate BCKSP-5-D-20241023 (tube ID C40559) failed to meet the 30% difference criteria for o-Xylene and Ethylbenzene specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument’s calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged “Pc” for o-Xylene and Ethylbenzene only to denote this failure.
Reporting Notes	EPA Method 325B states that a CCV is to be run after every tenth sample. Fifteen samples were inadvertently injected between two CCVs due to a TD load failure on the middle CCV. This oversight, while a deviation from Method QC criteria, has no impact on data quality.

Enthalpy Analytical Narrative Summary
(continued)

The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in µg/m3 and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory.

These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Sample Custody

2024GD403

ENTHALPY ANALYTICAL

EPA Method 325 A
Field Test Data Sheet and Chain of Custody Record

Page # 1 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye So Portland	Client Name:	Montrose Air
Site Address:	170 Lincoln Street	Project Number:	PROJ-031334
City:	So Portland	Project Manager:	Haig Brown
State	Maine	Email Address:	haigbrown@montrose-env.com
Zip:	04106	Telephone #:	207-441-0025

PO#:
Sample Event #
Sorbent:

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C43569	S	10/23/24	11:00	11/6/24	10:30	HFB / HFB		
2	C01514	S	10/23/24	11:05	11/6/24	10:35	HFB / HFB		
3	C17257	S	10/23/24	11:10	11/6/24	10:40	HFB / HFB		
4	C40190	S	10/23/24	11:15	11/6/24	10:45	HFB / HFB		
5	B43095	S	10/23/24	11:20	11/6/24	10:50	HFB / HFB		
5	C40559	D	10/23/24	11:20	11/6/24	10:50	HFB / HFB		
5	C43661	B	10/23/24	11:20	11/6/24	10:50	HFB / HFB		
6	B49577	S	10/23/24	11:30	11/6/24	11:00	HFB / HFB		

Relinquished By (printed): Haig Brown	Relinquished By (signature):	Relinquished Date: 11/6/2024	Relinquished Time: 16:30
Recieved By (printed): Kimberly Sheridan	Recieved By (signature): Kimberly Sheridan	Receipt Date: 11/11/24	Receipt Time: 09:45
Sample Condition Upon Receipt: Good	Compound List:	Custody Seal intact? Y/N: Y	Delivery tracking #
Ice Temp:	Blank Temp: 19.4 FLUKE H7	Add Custody Seal # below: 24A 01931	

Comments:

ENTHALPY ANALYTICAL

EPA Method 325 A
Field Test Data Sheet and Chain of Custody Record

Page # 2 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye So Portland	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROJ-031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brochu	**Sorbent:**	
State	Maine	**Email Address:**	haybrochu@Montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
7	C33016	S	10/23/24	11:35	11/6/24	11:05	HFB / HFB		
8	C00665	S	10/23/24	11:40	11/6/24	11:10	HFB / HFB		
9	C31392	S	10/23/24	11:45	11/6/24	11:15	HFB / HFB		
10	C01853	S	10/23/24	11:50	11/6/24	11:20	HFB / HFB		
11	C34142	S	10/23/24	12:00	11/6/24	11:30	HFB / HFB		
12	C39264	S	10/23/24	12:05	11/6/24	11:35	HFB / HFB		
13	C37420	S	10/23/24	12:10	11/6/24	11:40	HFB / HFB		
14	C43641	S	10/23/24	12:15	11/6/24	11:45	HFB / HFB		

Relinquished By (printed): Haig Brochu	**Relinquished By (signature):**	**Relinquished Date:** 11/6/2024	**Relinquished Time:** 16:30
Recieved By (printed): Kimberly Sheridan	**Recieved By (signature):** Kimberly Sheridan	**Receipt Date:** 11/11/24	**Receipt Time:** 09:45
Sample Condition Upon Receipt: Good	**Compound List:**	**Custody Seal intact? Y/N:** Y	**Delivery tracking #**
Ice Temp:	**Blank Temp:** 19.4 FLUKE-TA	**Add Custody Seal # below:** 24A01931	

Comments: Sample #9 = C31392

ENTHALPY ANALYTICAL

EPA Method 325 A
Field Test Data Sheet and Chain of Custody Record

Page # 3 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Birkeye So Portland	**Client Name:**	Montrose Air	**PO#:**
Site Address:	170 Lincoln Street	**Project Number:**	PROJ-031334	**Sample Event #**
City:	So Portland	**Project Manager:**	Haig Brochu	**Sorbent:**
State	Maine	**Email Address:**	hbrochu@Montrose-env.com	
Zip:	04106	**Telephone #:**	207-441-0025	

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
14	B47158	D	10/23/24	12:15	11/6/24	11:50	HFB / HFB		
14	B40439	B	10/23/24	12:15	11/6/24	12:00	HFB / HFB		
15	C33519	S	10/23/24	12:25	11/6/24	12:05	HFB / HFB		
16	C43690	S	10/23/24	12:30	11/6/24	12:10	HFB / HFB		
							/		
							/		
							/		
							/		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brochu		11/6/2024	16:30
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Kimberly Sheridan	Kimberly Sheridan	11/11/24	09:45

Sample Condition Upon Receipt:			Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good				Y	
Ice Temp:	Blank Temp: 19.4	FLUKE# 7A		Add Custody Seal # below: 24A01931	

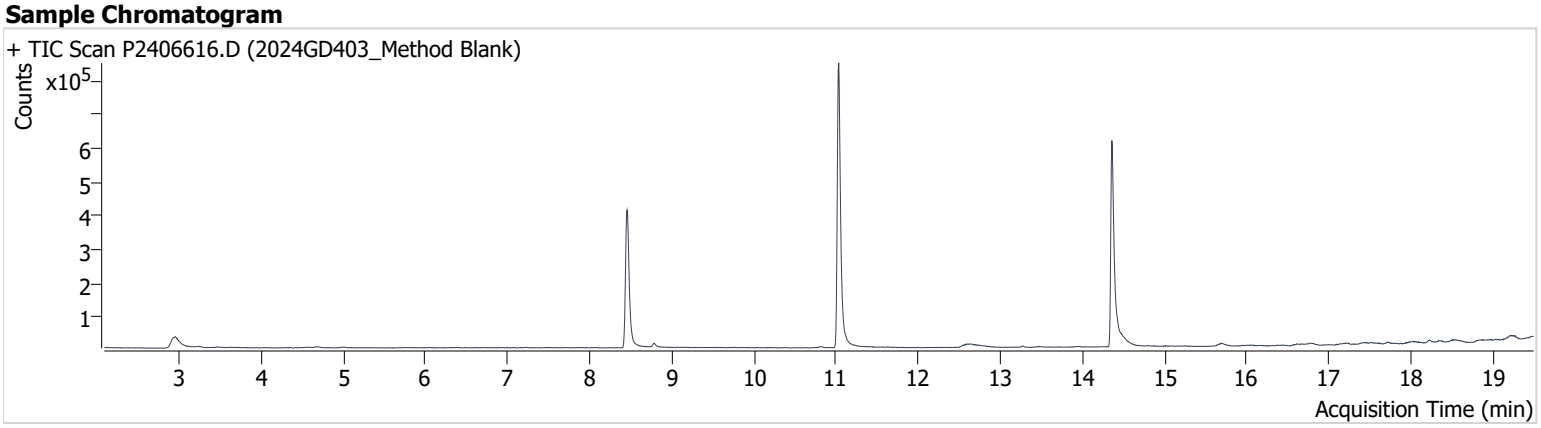
Comments:

Sample Chromatograms

ENTHALPY ANALYTICAL

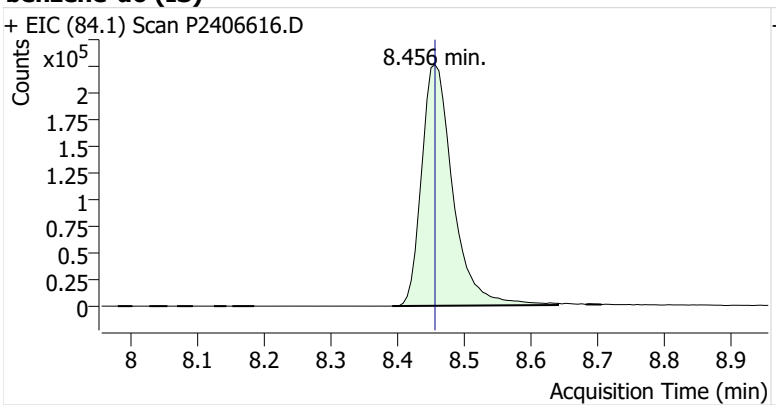
Name	2024GD403_Method Blank
Comment	C31355
Data File	P2406616.D
Acq. Date-Time	11/12/2024 4:40:32 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

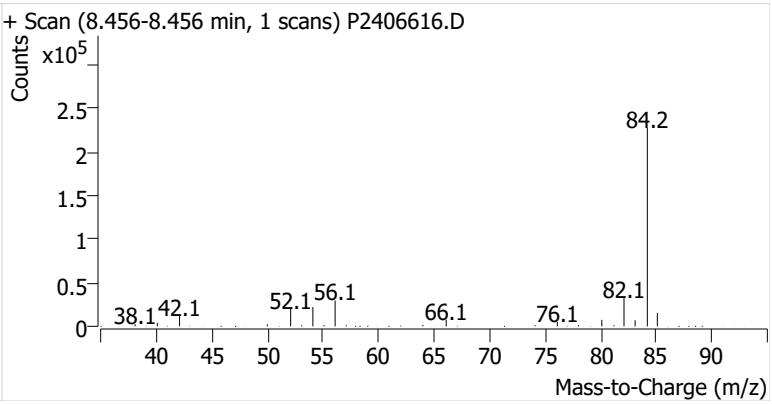
Sample Chromatogram



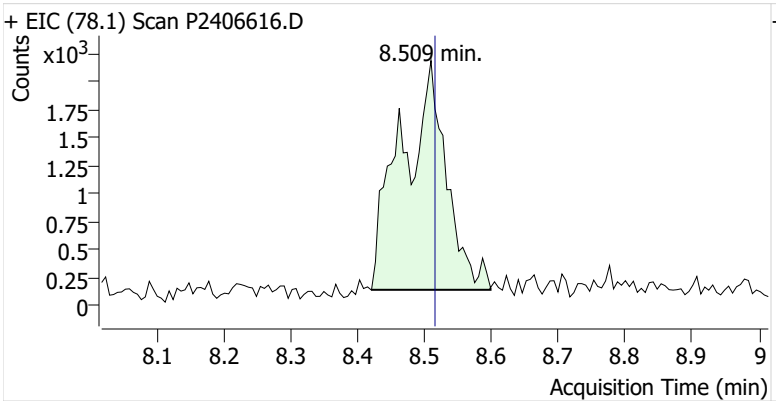
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	740,094	
Benzene	benzene-d6 (IS)	8.509	8.515	9,511	
Toluene-d8 (IS)		11.032	11.032	972,826	
Toluene	Toluene-d8 (IS)	11.127	11.121	10,243	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	4,052	
m-/p-Xylene	Toluene-d8 (IS)	13.483	13.459	3,680	m
o-Xylene	Toluene-d8 (IS)	13.928	13.922	2,671	

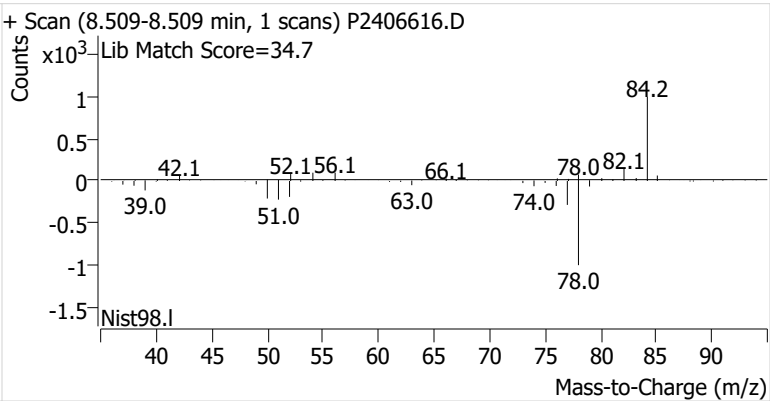
benzene-d6 (IS)



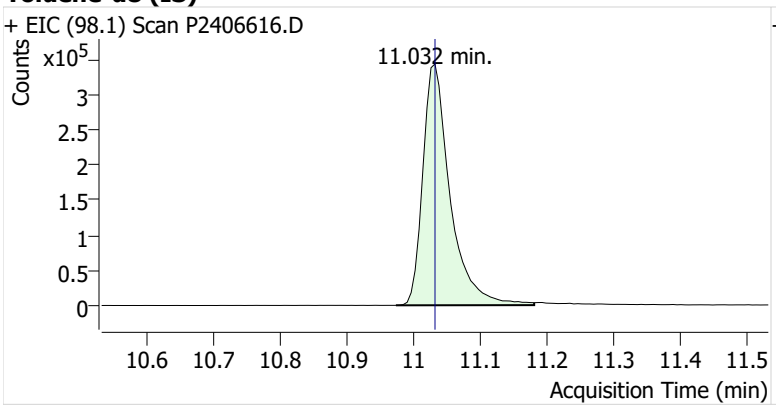


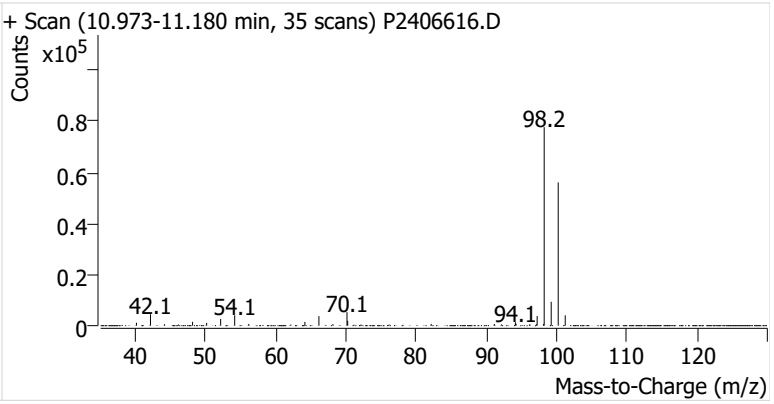
Benzene



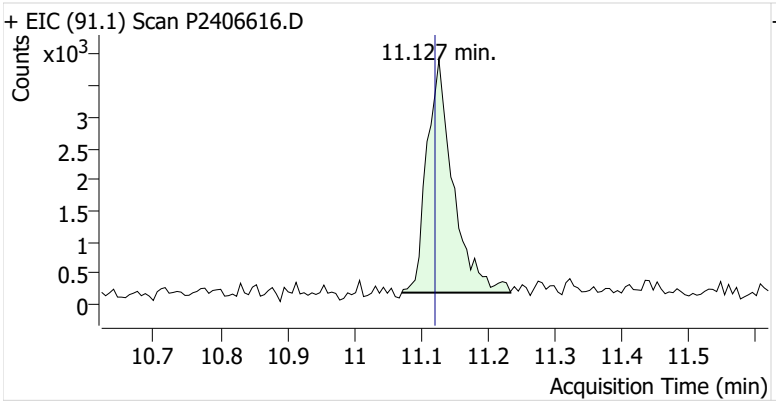


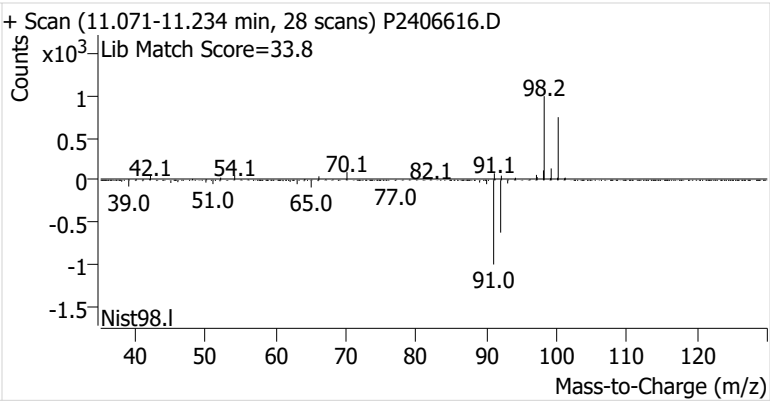
Toluene-d8 (IS)



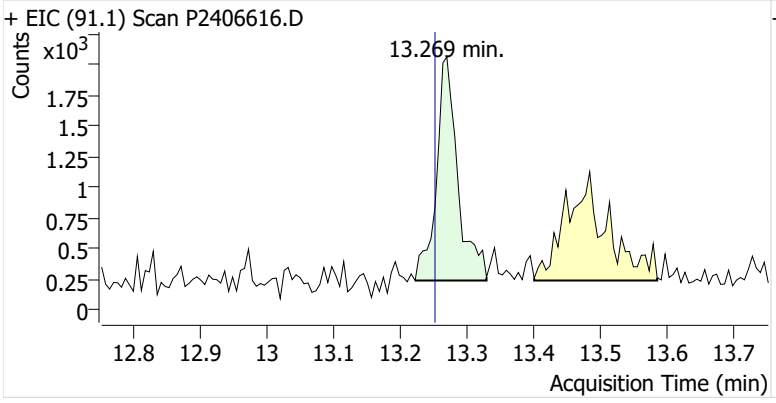


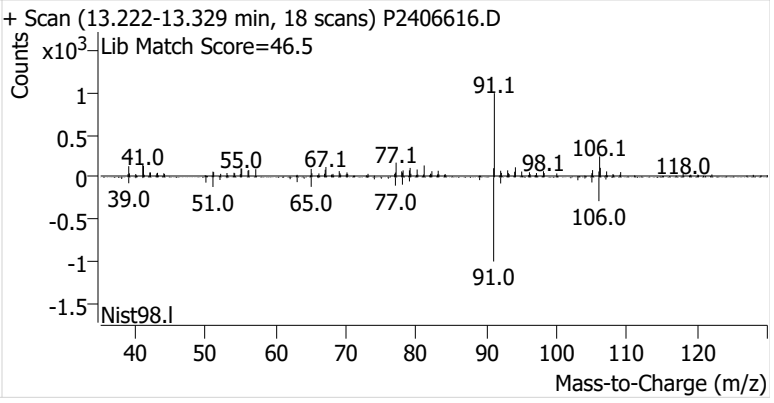
Toluene



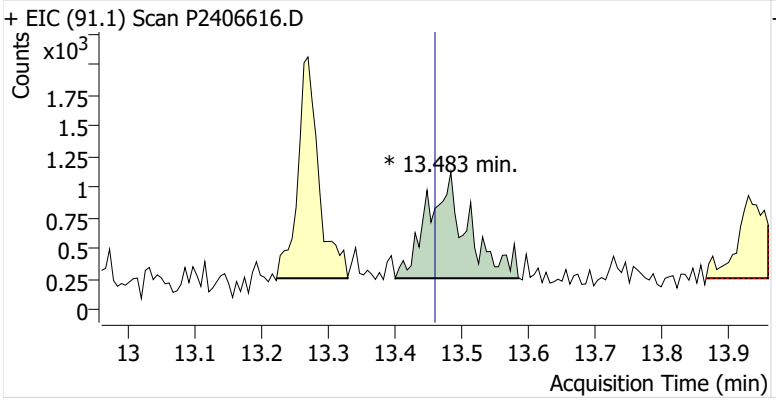


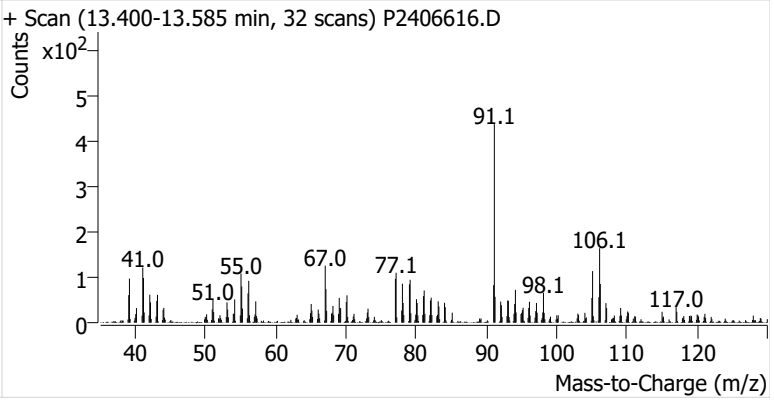
Ethylbenzene



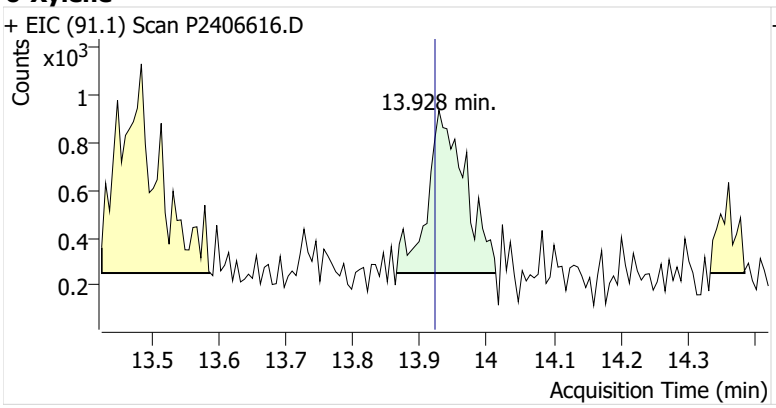


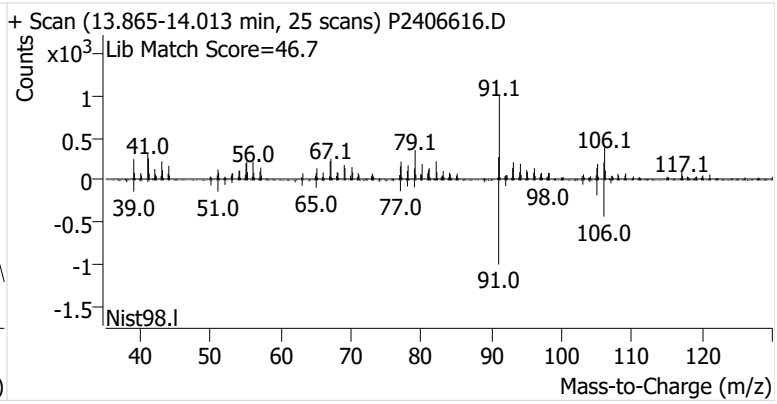
m-/p-Xylene





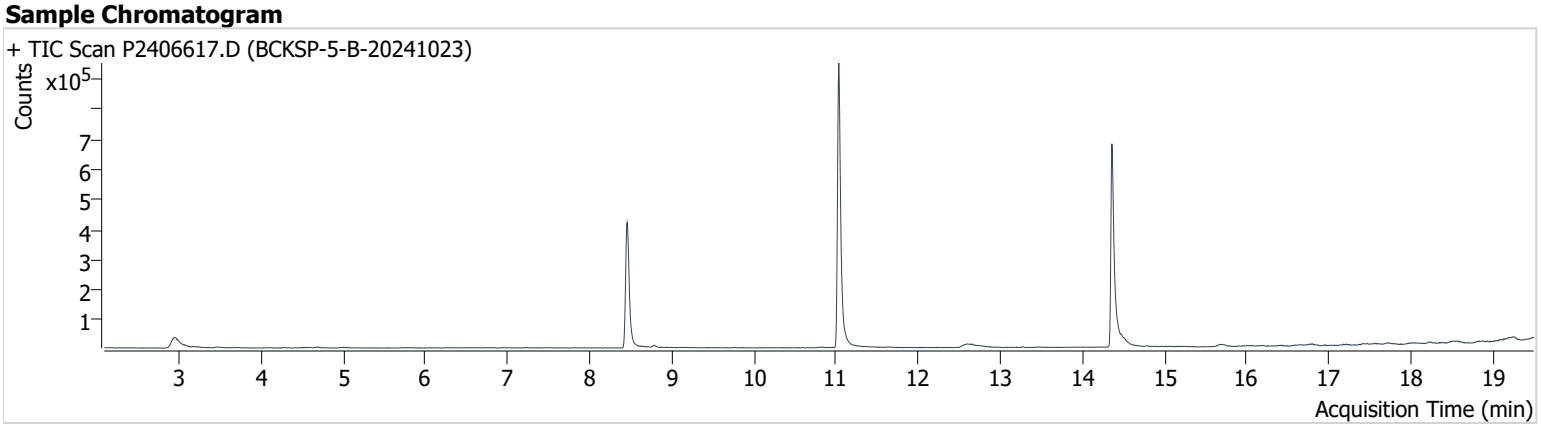
o-Xylene


+ EIC (91.1) Scan P2406616.D
Counts
x10^3
1
0.8
0.6
0.4
0.2
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.865-14.013 min, 25 scans) P2406616.D
Lib Match Score=46.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.0
56.0
67.1
79.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

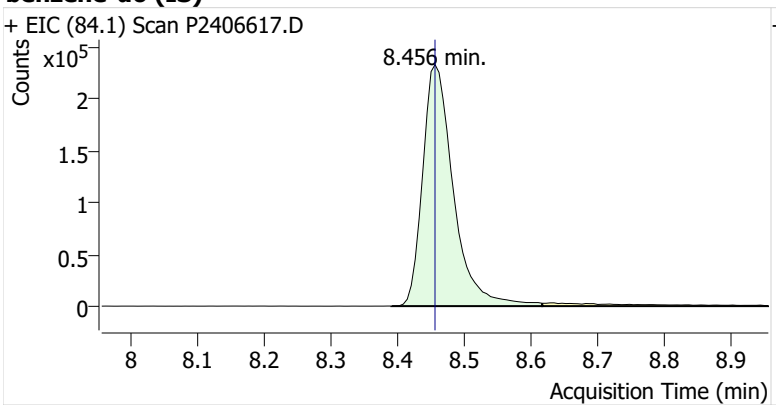
Name	BCKSP-5-B-20241023
Comment	C43661
Data File	P2406617.D
Acq. Date-Time	11/12/2024 5:18:23 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

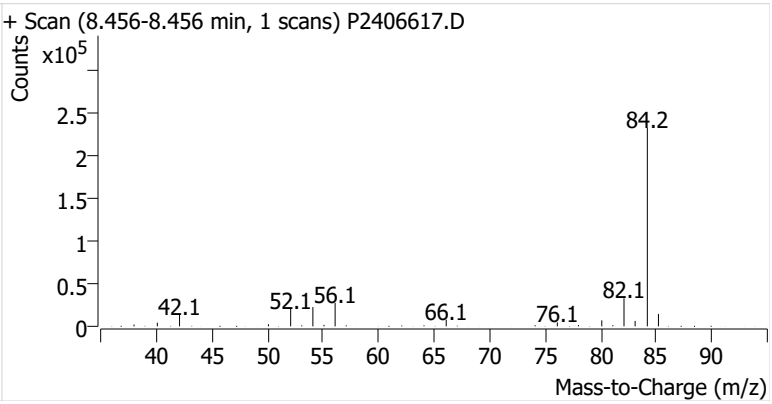
Sample Chromatogram



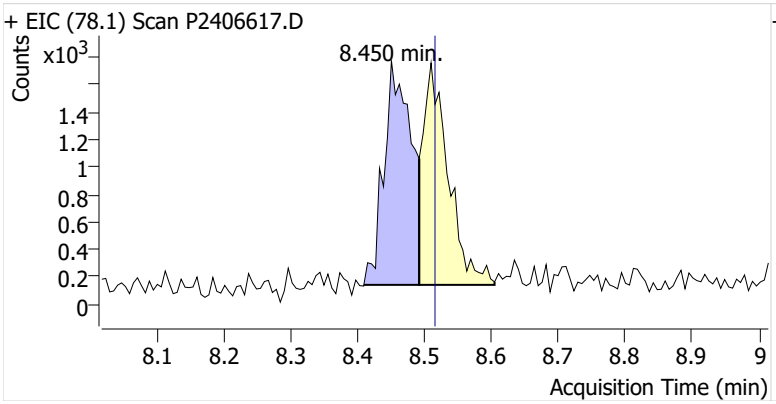
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	745,054	
Benzene	benzene-d6 (IS)	8.450	8.515	4,478	
Toluene-d8 (IS)		11.032	11.032	1,054,088	
Toluene	Toluene-d8 (IS)	11.121	11.121	10,932	
Ethylbenzene	Toluene-d8 (IS)	13.275	13.252	1,978	
m-/p-Xylene	Toluene-d8 (IS)	13.459	13.459	953	
o-Xylene	Toluene-d8 (IS)	13.952	13.922	233	

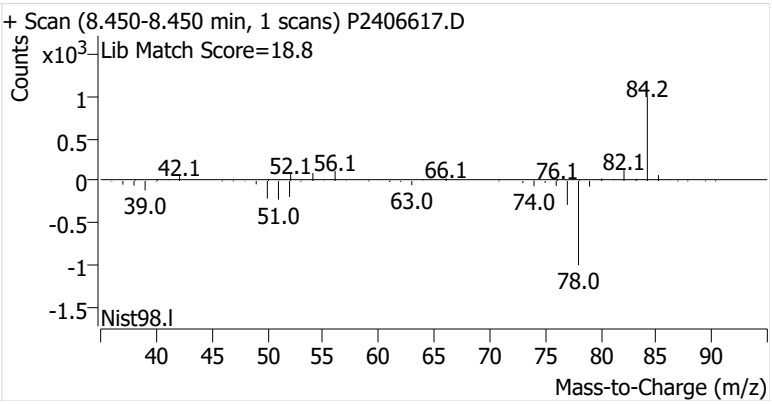
benzene-d6 (IS)



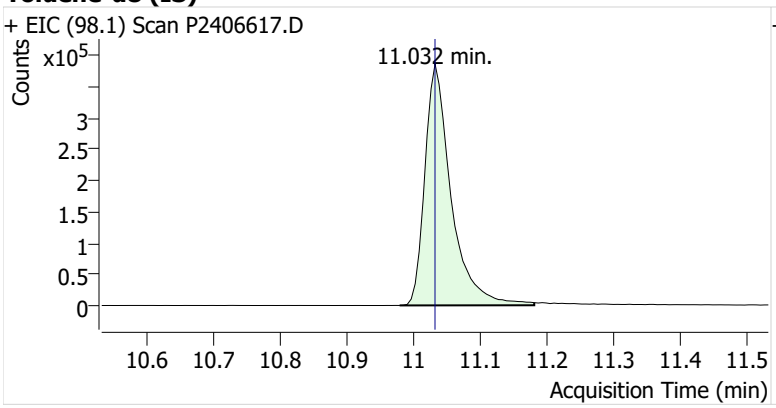


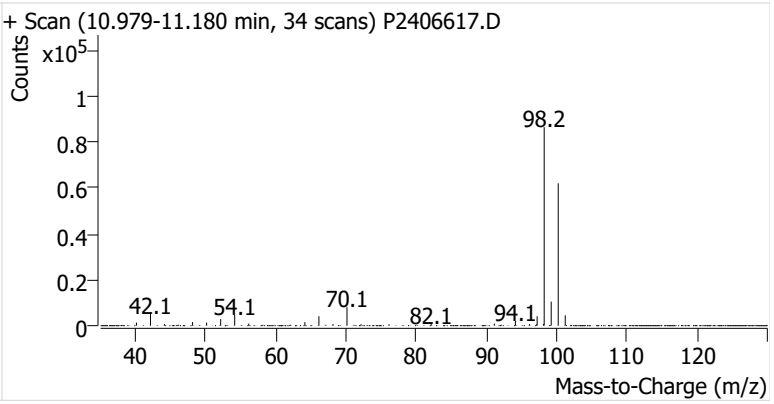
Benzene



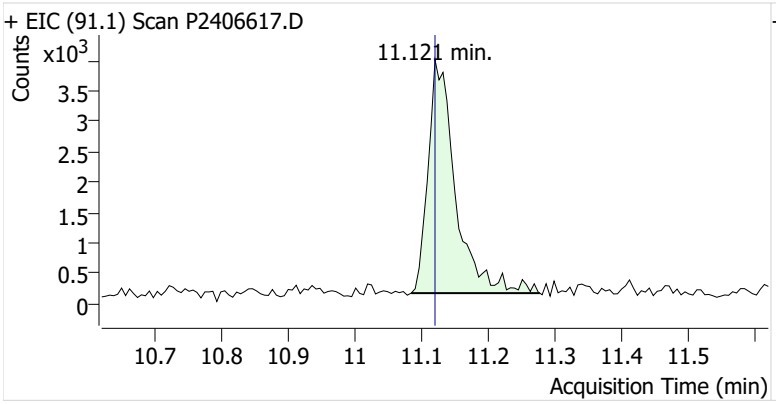


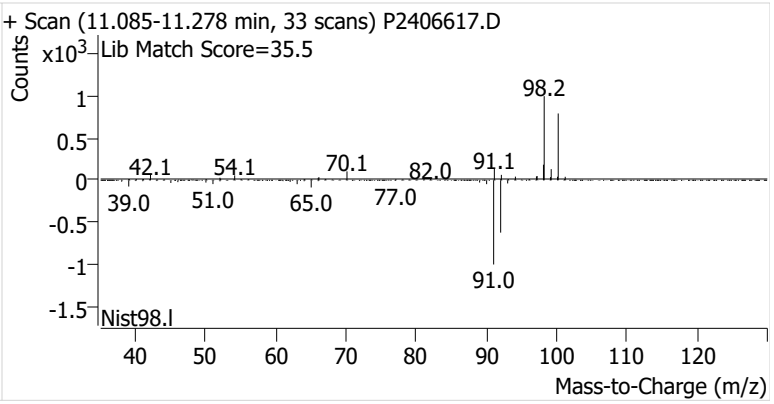
Toluene-d8 (IS)



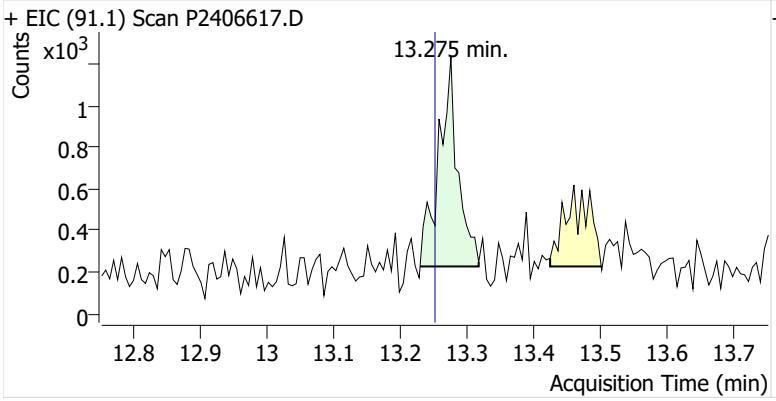


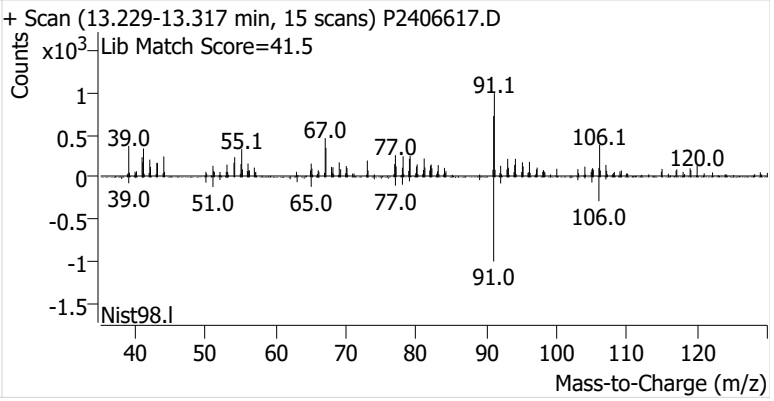
Toluene



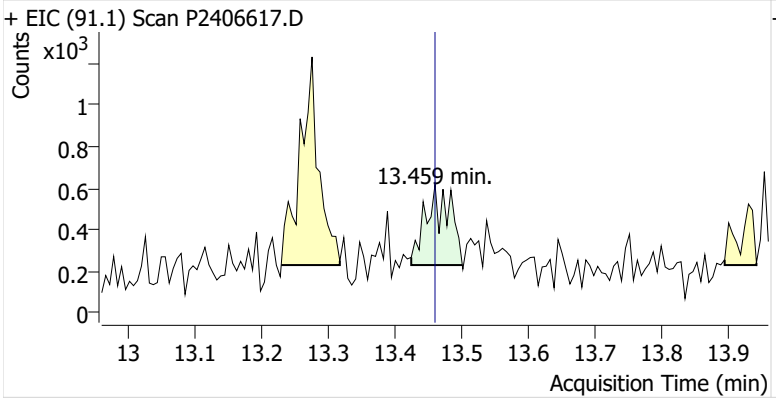


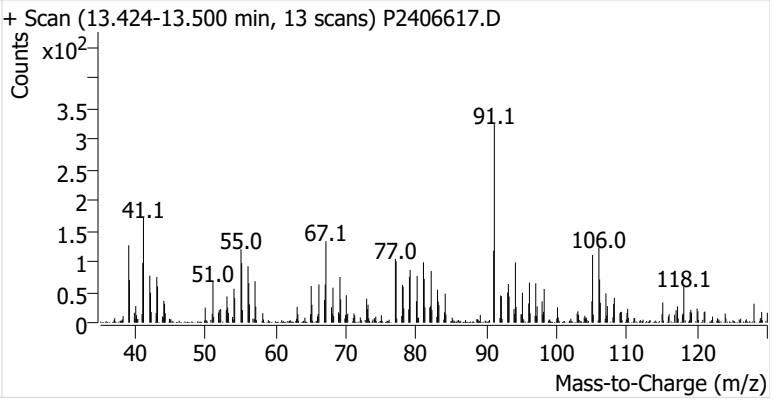
Ethylbenzene



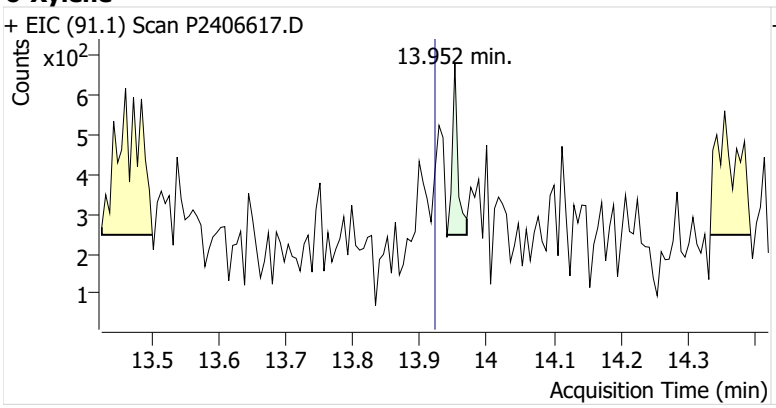


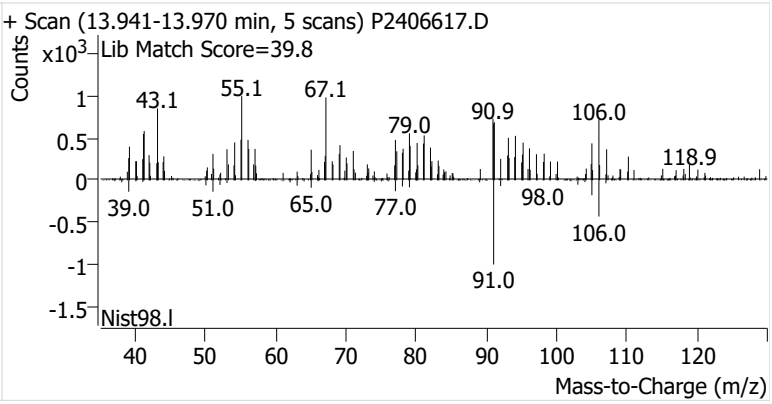
m-/p-Xylene





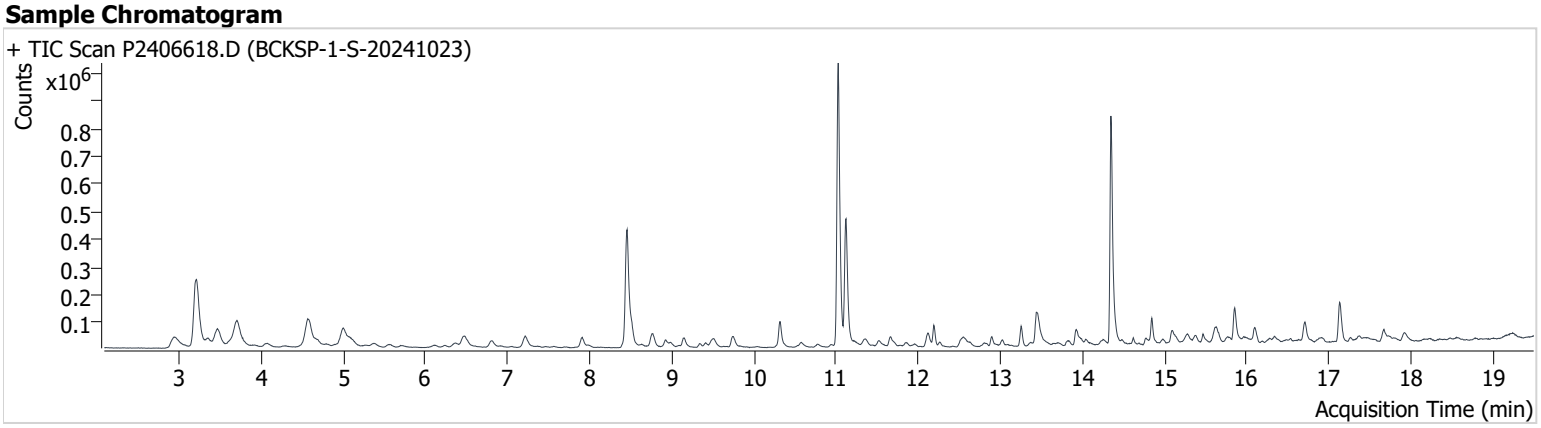
o-Xylene


+ EIC (91.1) Scan P2406617.D
Counts
x10^2
13.952 min.
Acquisition Time (min)


+ Scan (13.941-13.970 min, 5 scans) P2406617.D
Lib Match Score=39.8
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

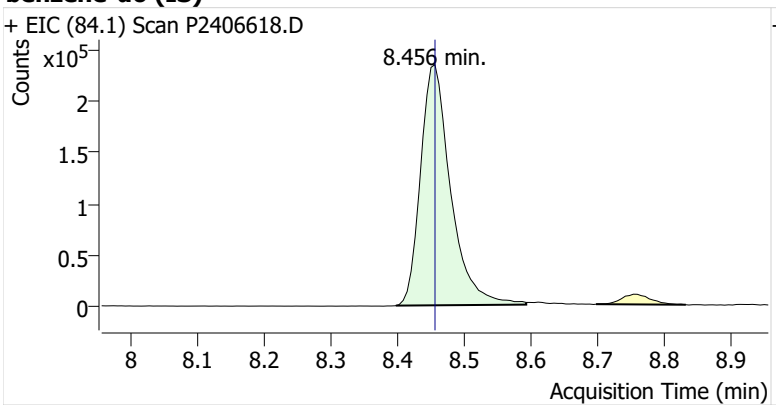
Name	BCKSP-1-S-20241023
Comment	C43569
Data File	P2406618.D
Acq. Date-Time	11/12/2024 5:56:17 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

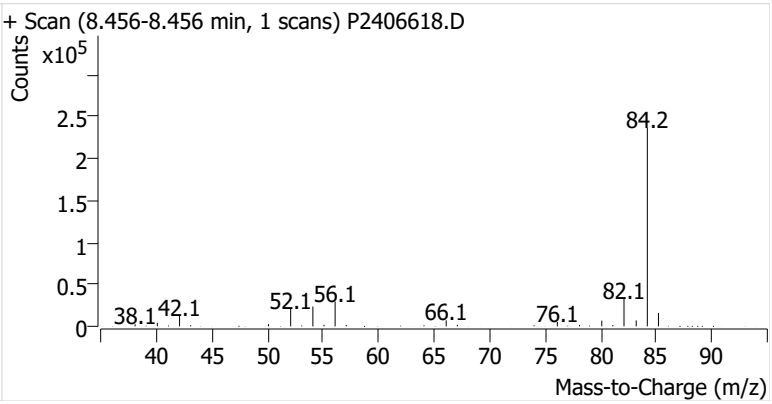
Sample Chromatogram



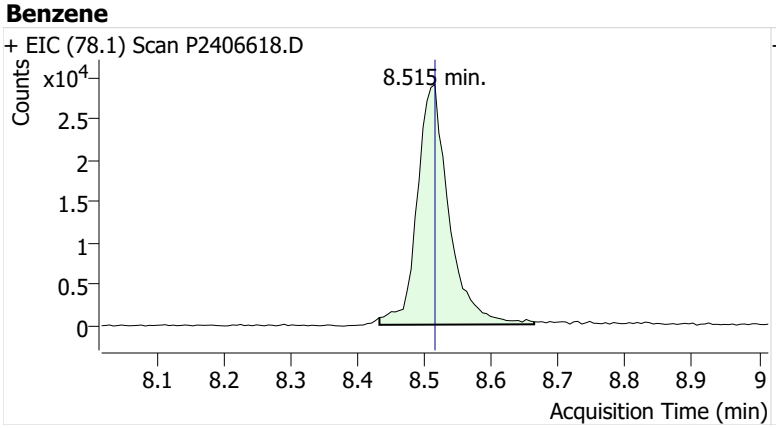
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	737,707	
Benzene	benzene-d6 (IS)	8.515	8.515	95,430	
Toluene-d8 (IS)		11.026	11.032	1,063,013	
Toluene	Toluene-d8 (IS)	11.121	11.121	528,792	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	67,289	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	174,722	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	66,691	

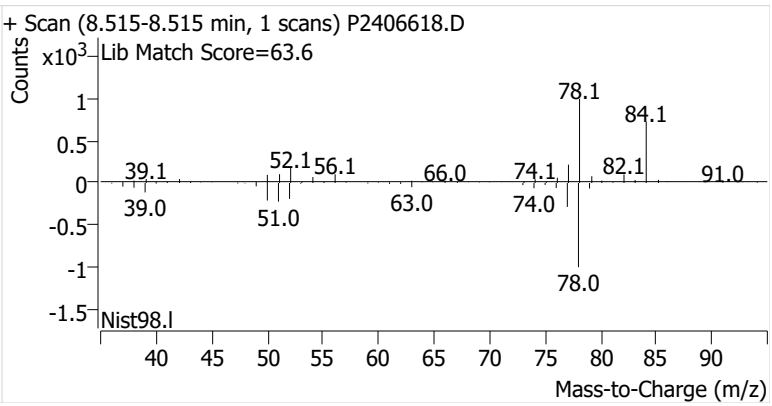
benzene-d6 (IS)



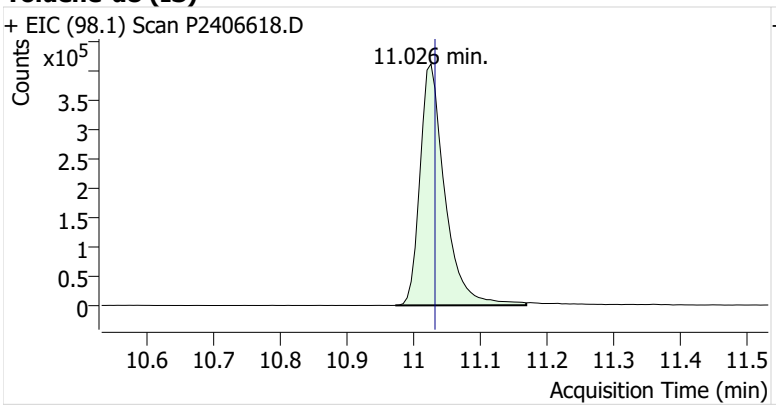


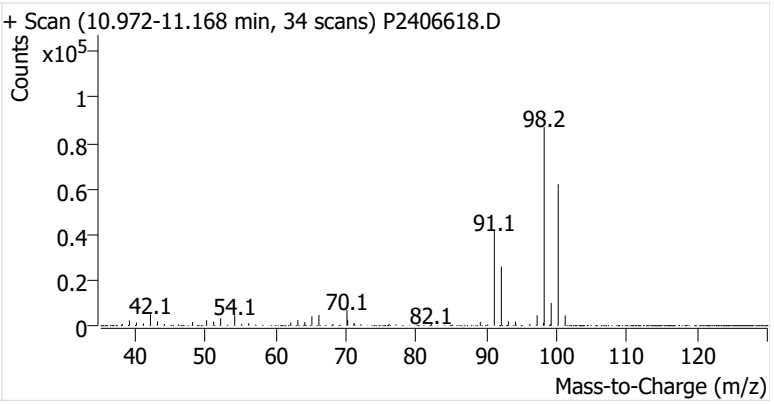
Benzene



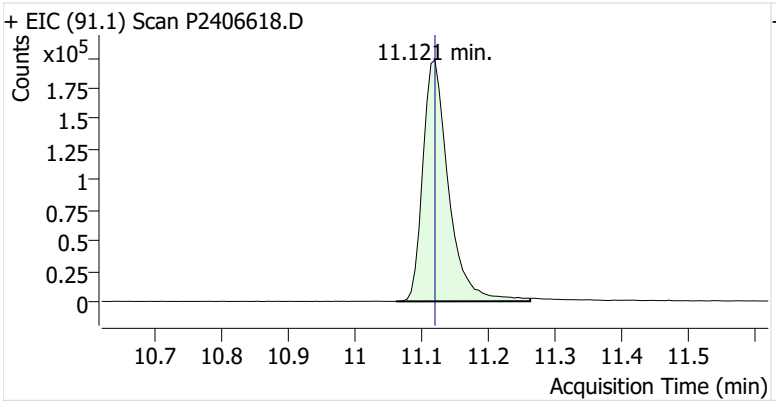


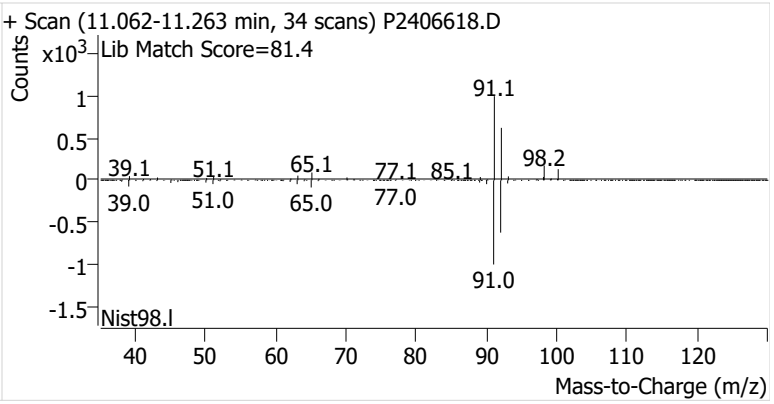
Toluene-d8 (IS)



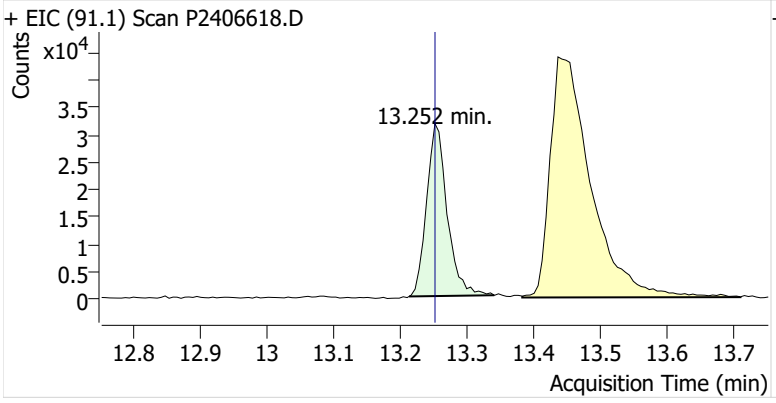


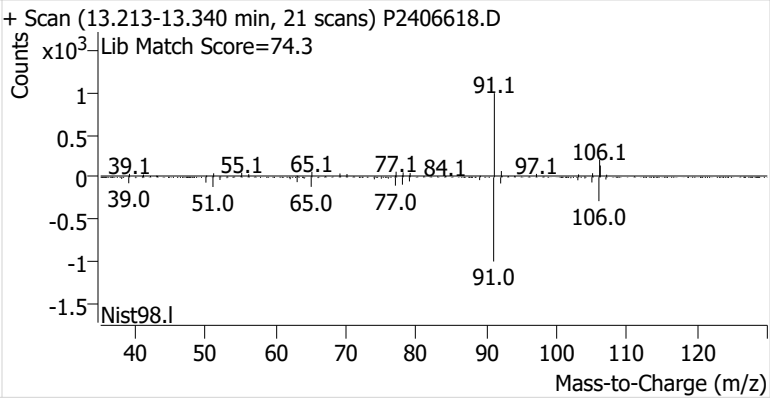
Toluene



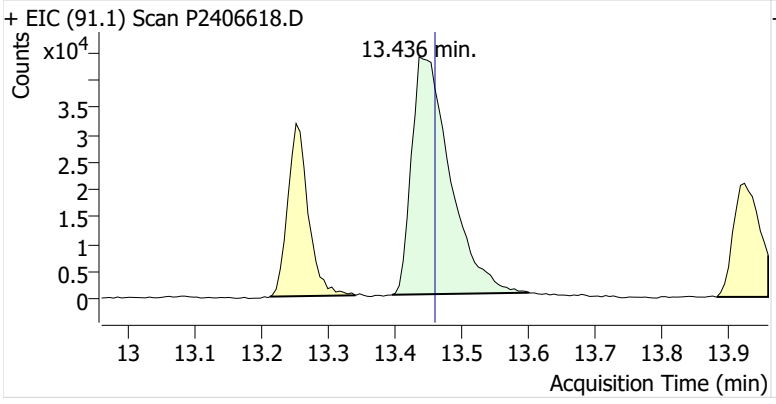


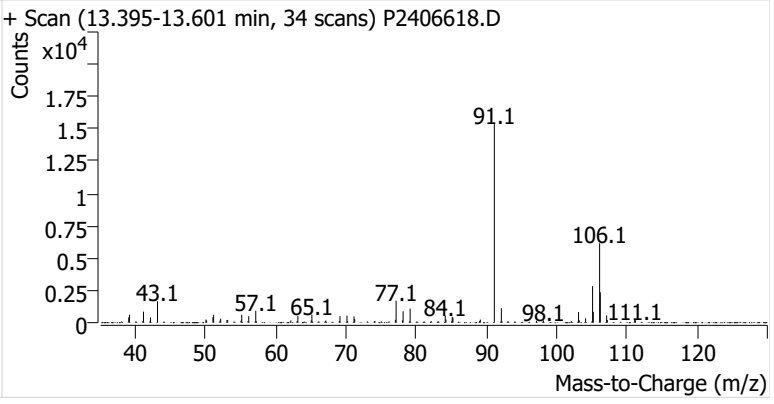
Ethylbenzene



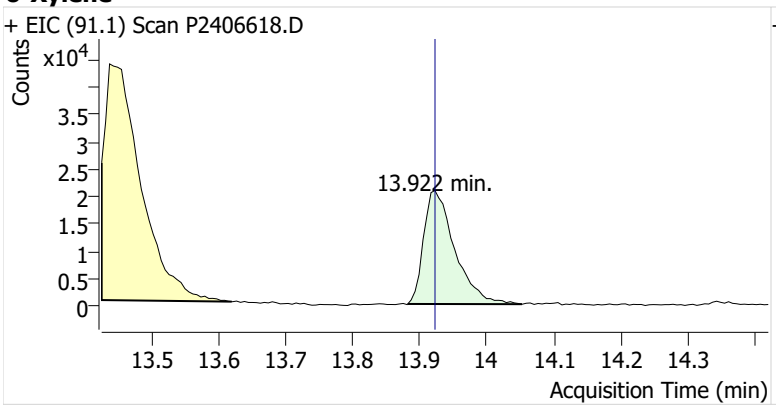


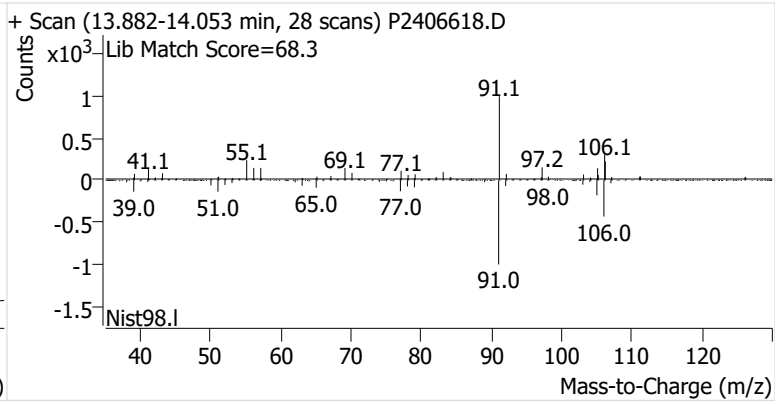
m-/p-Xylene





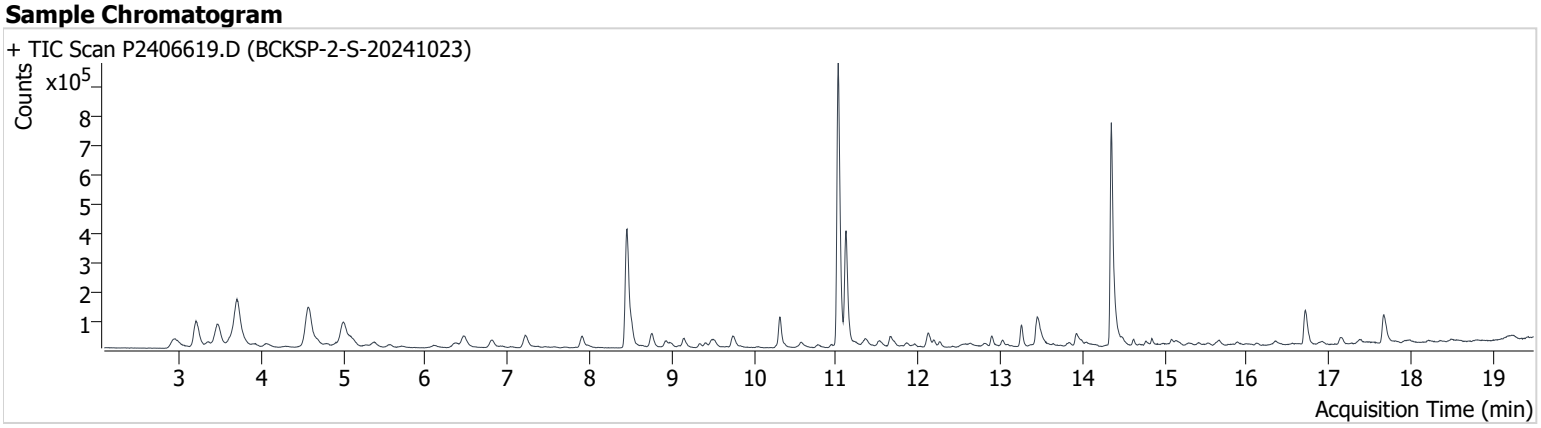
o-Xylene


+ EIC (91.1) Scan P2406618.D
Counts
x10^4
3.5
3
2.5
2
1.5
1
0.5
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.882-14.053 min, 28 scans) P2406618.D
Counts
x10^3
Lib Match Score=68.3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
77.1
97.2
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

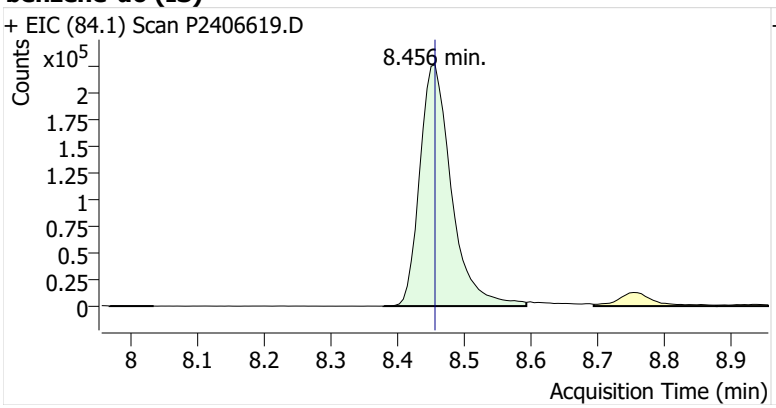
Name	BCKSP-2-S-20241023
Comment	C01514
Data File	P2406619.D
Acq. Date-Time	11/12/2024 6:33:39 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

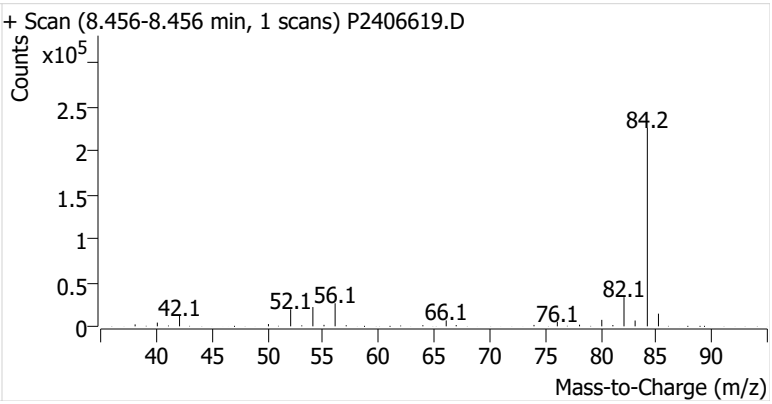
Sample Chromatogram



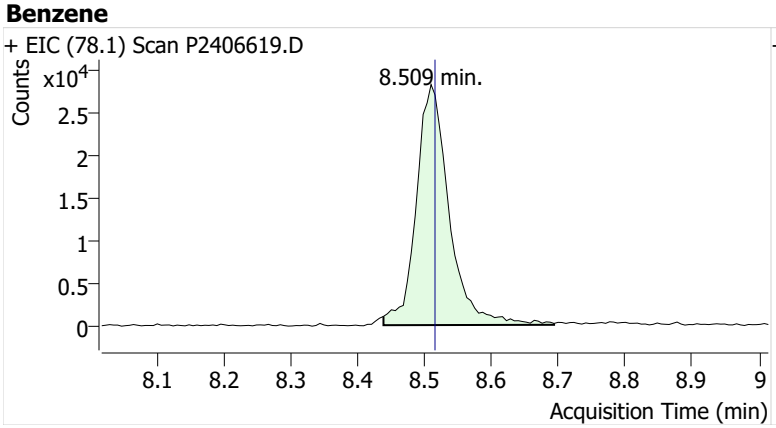
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	744,413	
Benzene	benzene-d6 (IS)	8.509	8.515	96,381	
Toluene-d8 (IS)		11.026	11.032	1,077,085	
Toluene	Toluene-d8 (IS)	11.121	11.121	464,465	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	78,405	
m-/p-Xylene	Toluene-d8 (IS)	13.454	13.459	151,879	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	62,031	

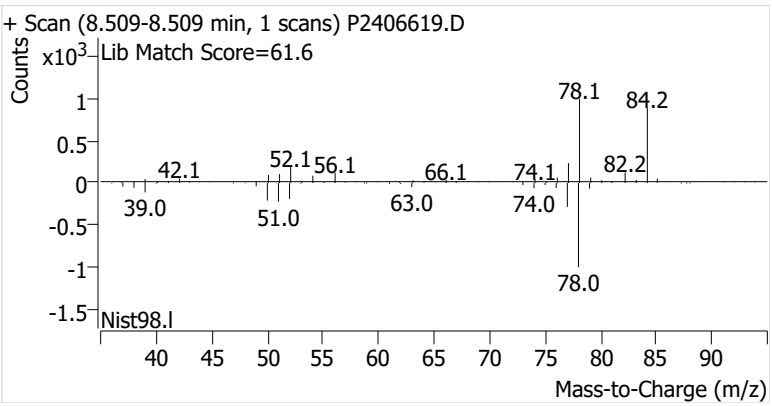
benzene-d6 (IS)



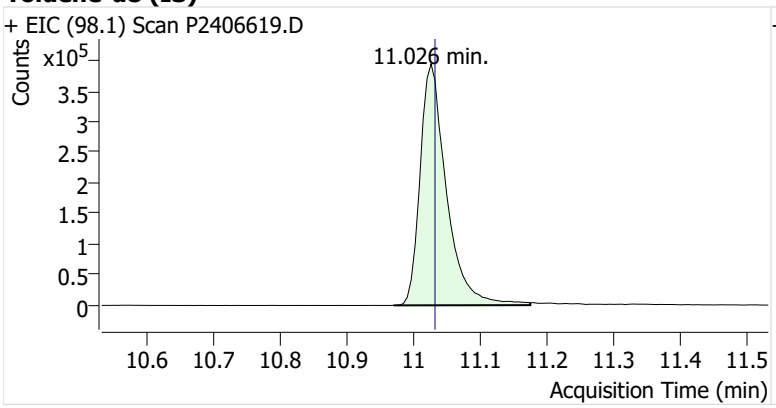


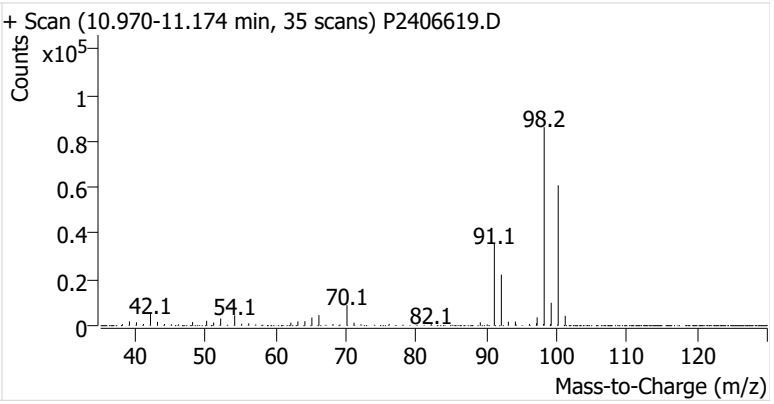
Benzene



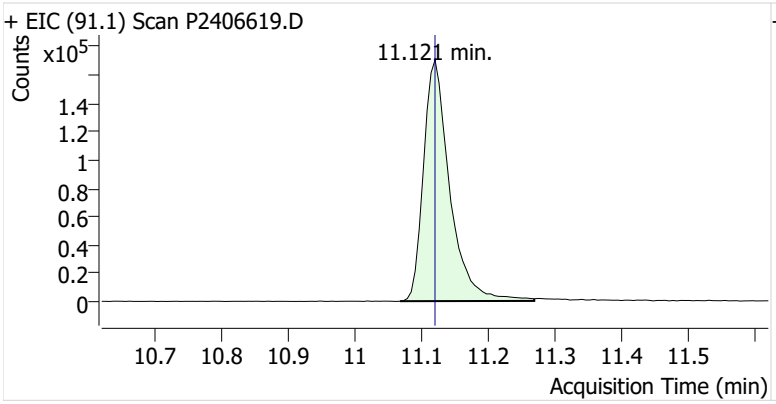


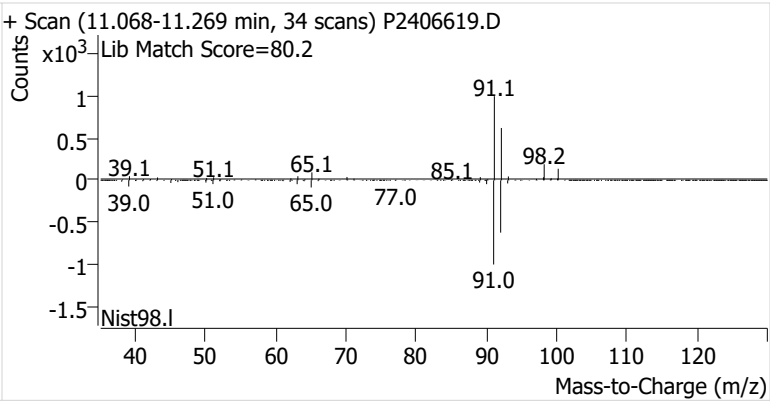
Toluene-d8 (IS)



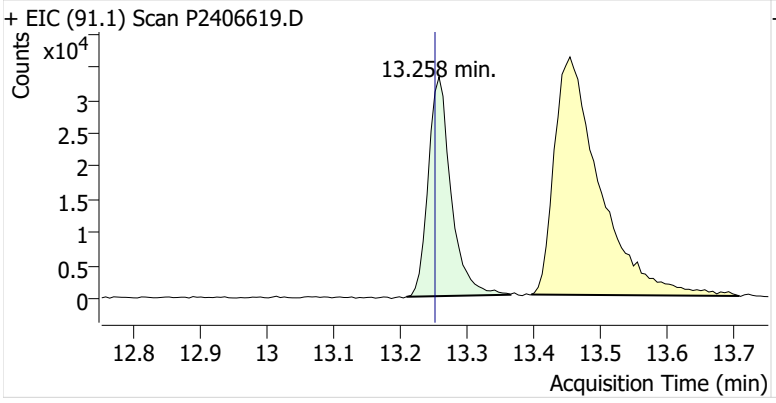


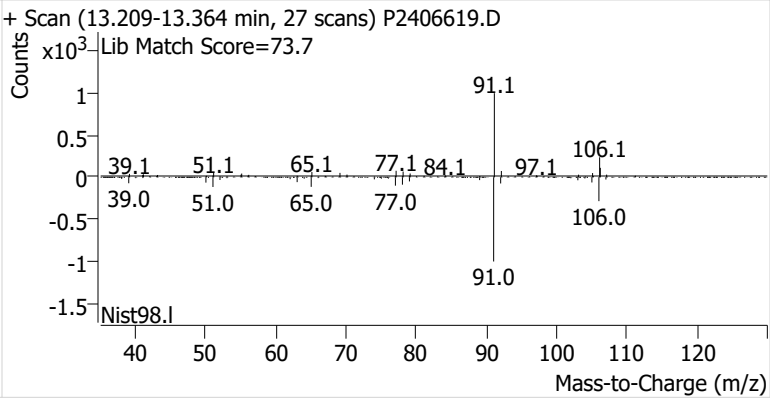
Toluene



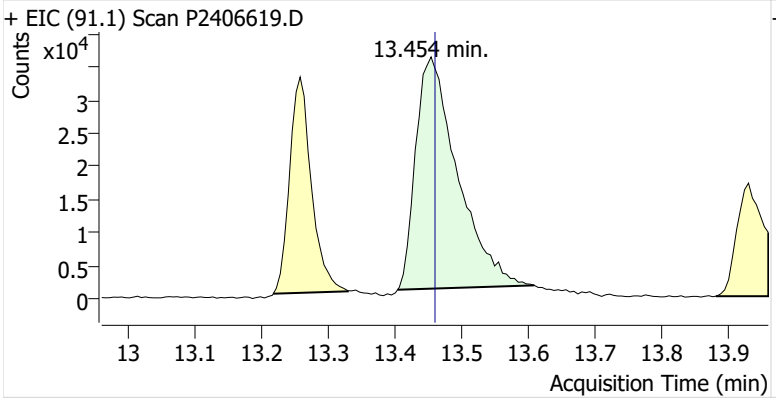


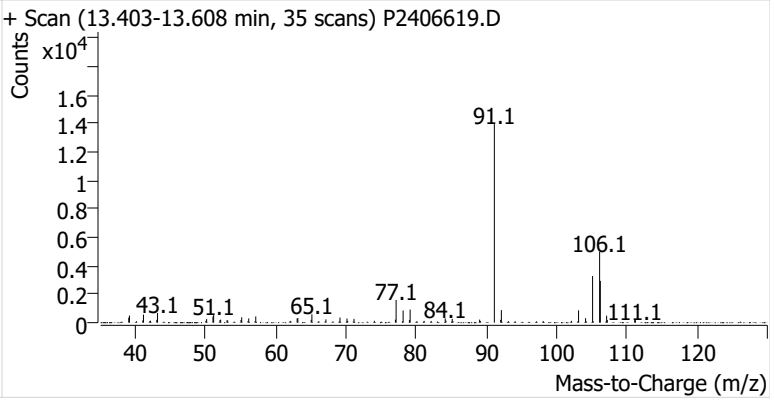
Ethylbenzene



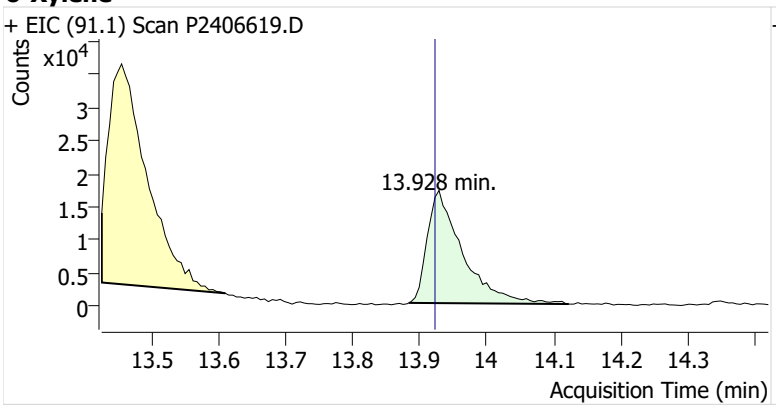


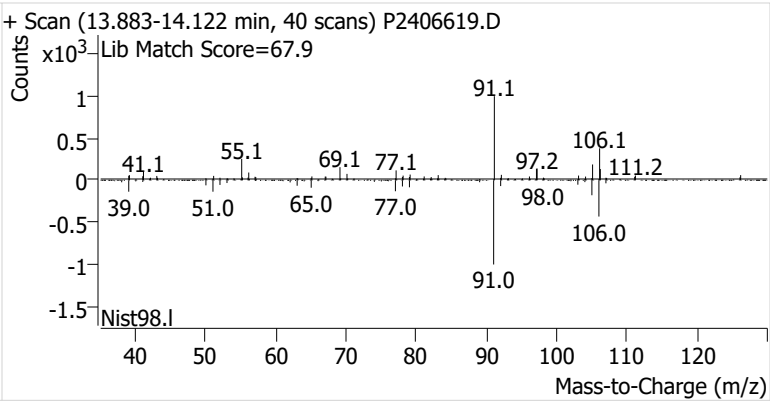
m-/p-Xylene





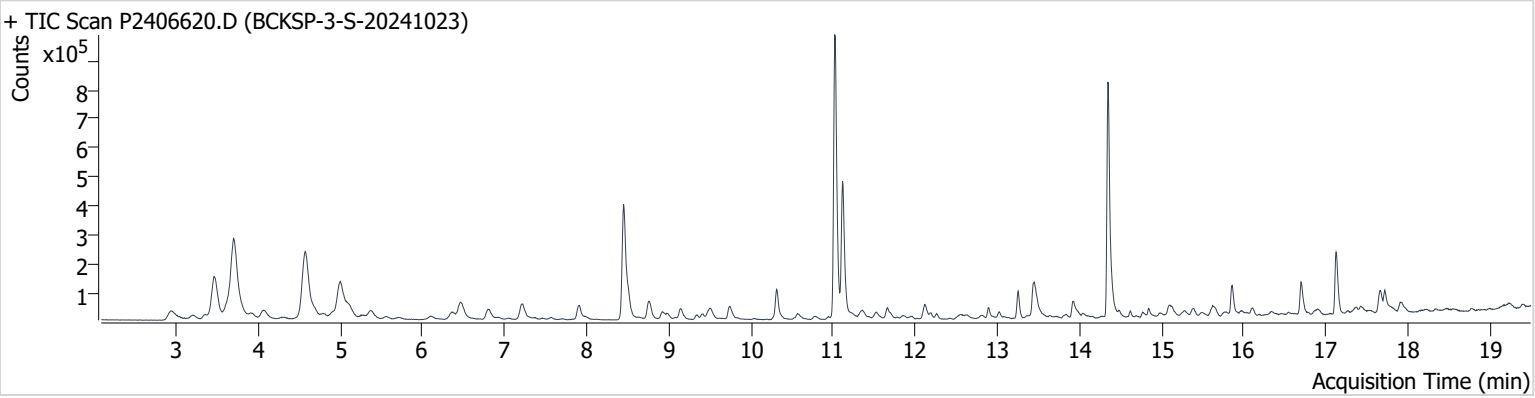
o-Xylene


+ EIC (91.1) Scan P2406619.D
Counts
x10^4
3
2.5
2
1.5
1
0.5
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.883-14.122 min, 40 scans) P2406619.D
Counts
x10^3
Lib Match Score=67.9
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

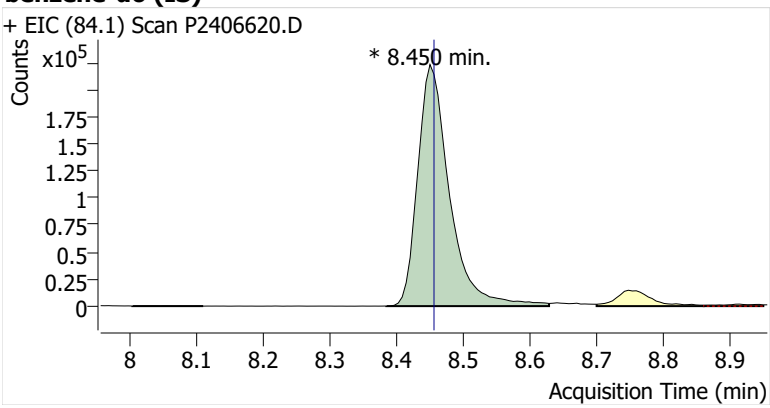
Name	BCKSP-3-S-20241023
Comment	C17257
Data File	P2406620.D
Acq. Date-Time	11/12/2024 7:10:58 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

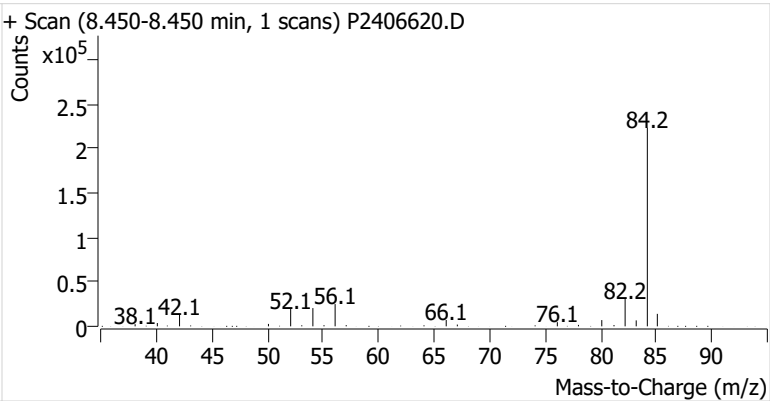
Sample Chromatogram



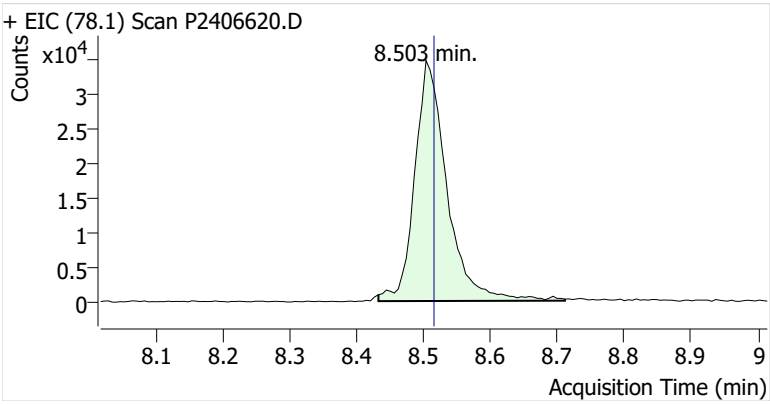
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	734,172	m
Benzene	benzene-d6 (IS)	8.503	8.515	116,017	
Toluene-d8 (IS)		11.020	11.032	1,097,566	
Toluene	Toluene-d8 (IS)	11.115	11.121	549,831	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	93,718	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	190,025	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	74,643	

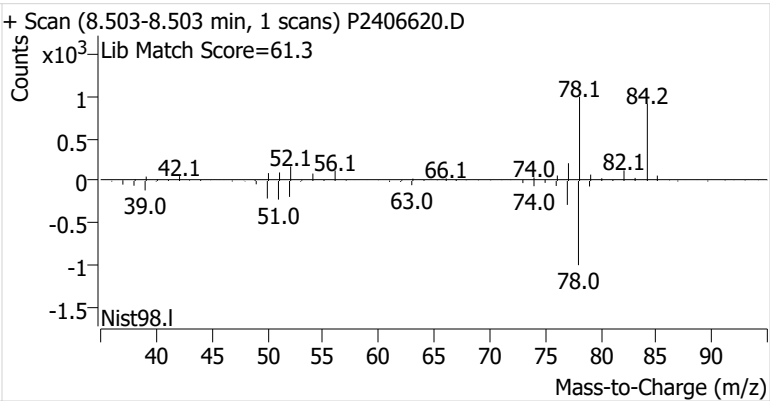
benzene-d6 (IS)



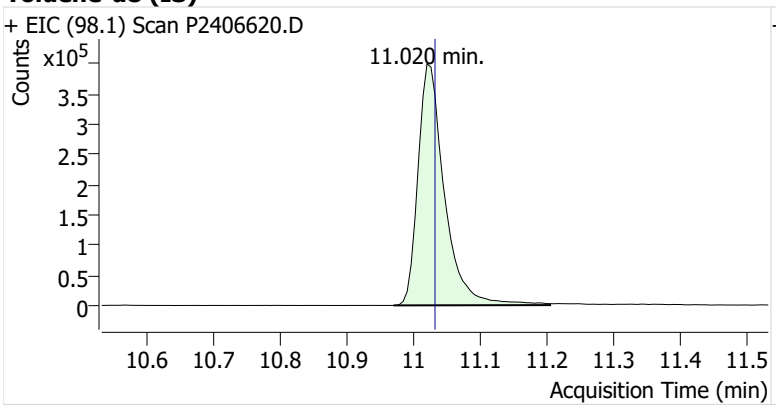


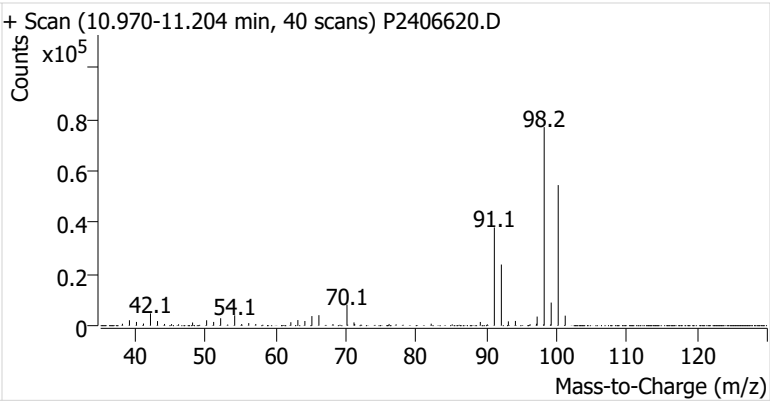
Benzene



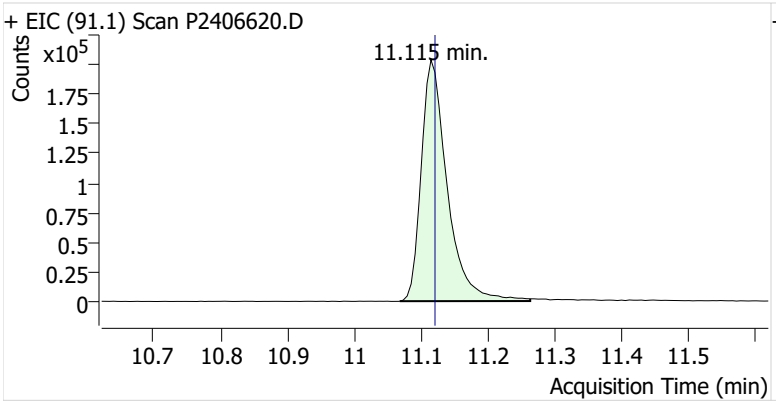


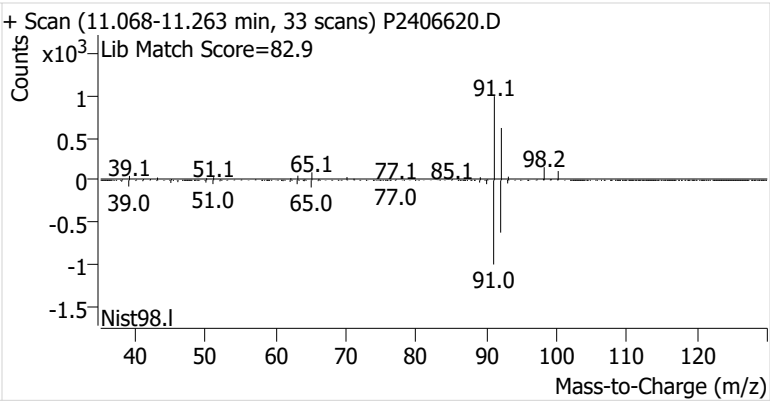
Toluene-d8 (IS)



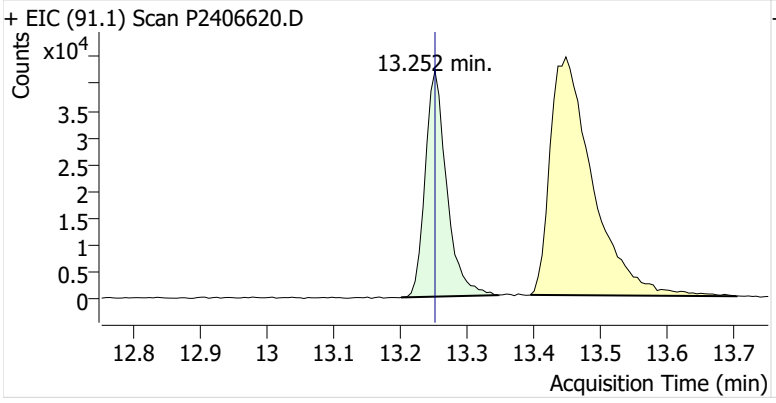


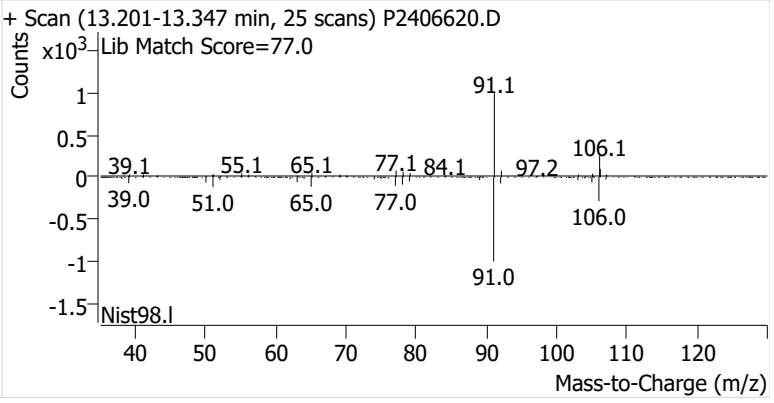
Toluene



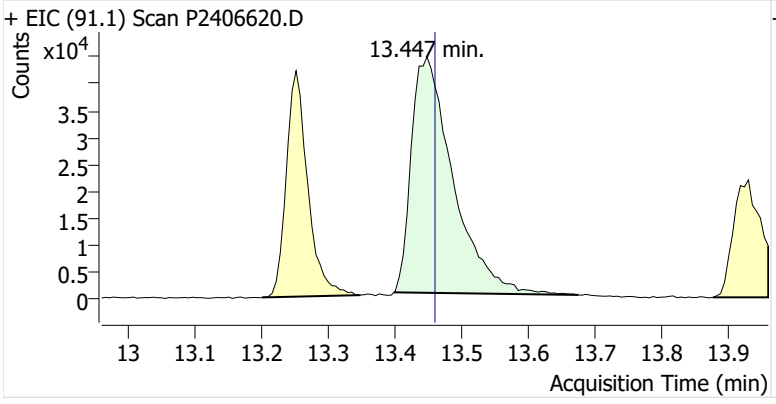


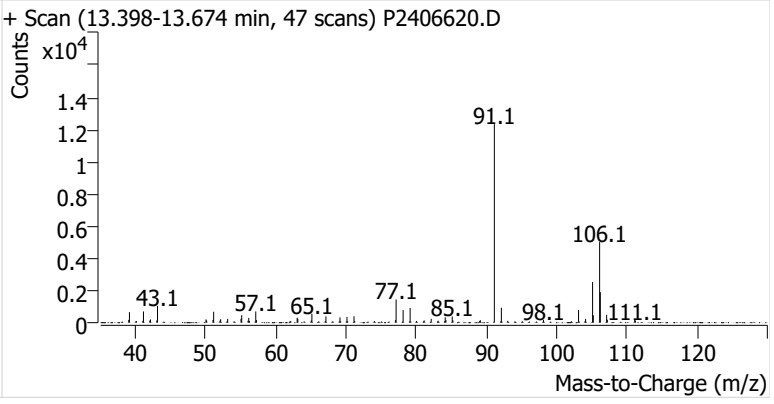
Ethylbenzene



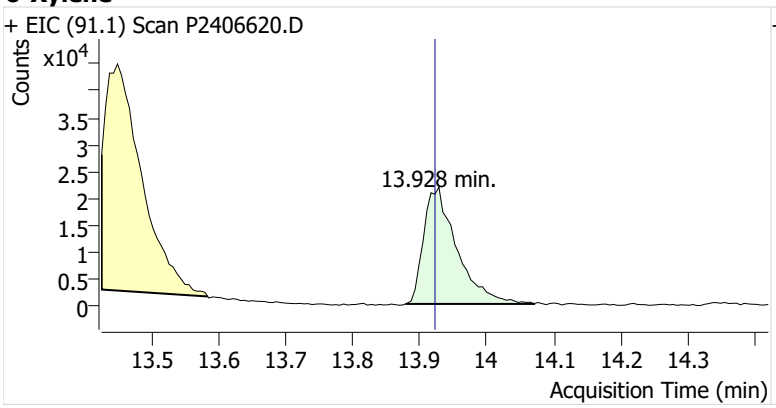


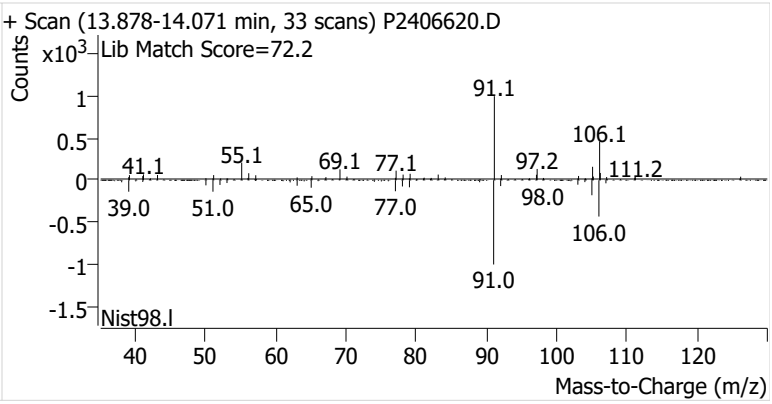
m-/p-Xylene





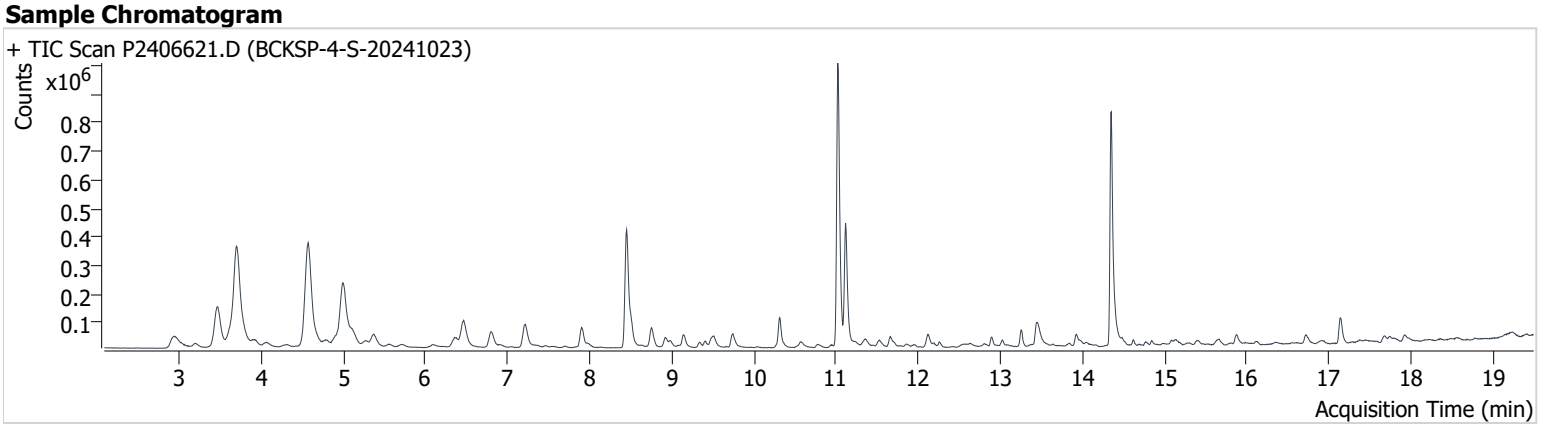
o-Xylene


+ EIC (91.1) Scan P2406620.D
Counts
x10^4
3.5
3
2.5
2
1.5
1
0.5
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.878-14.071 min, 33 scans) P2406620.D
Counts
x10^3
Lib Match Score=72.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

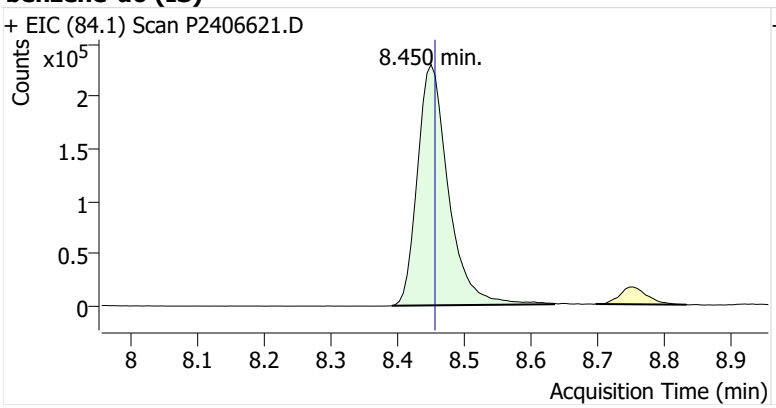
Name	BCKSP-4-S-20241023
Comment	C40190
Data File	P2406621.D
Acq. Date-Time	11/12/2024 7:48:17 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

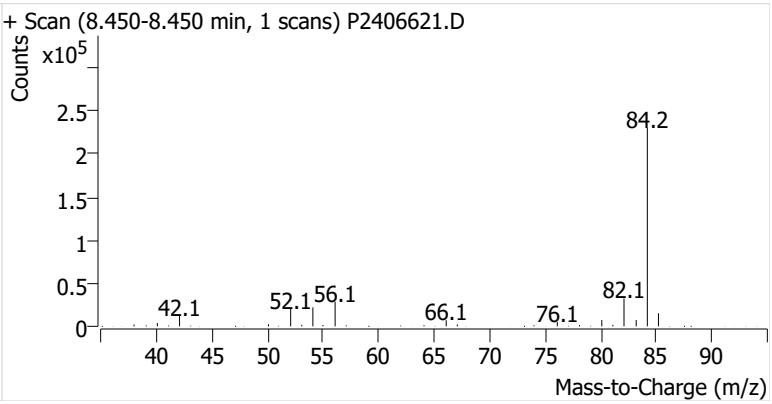
Sample Chromatogram



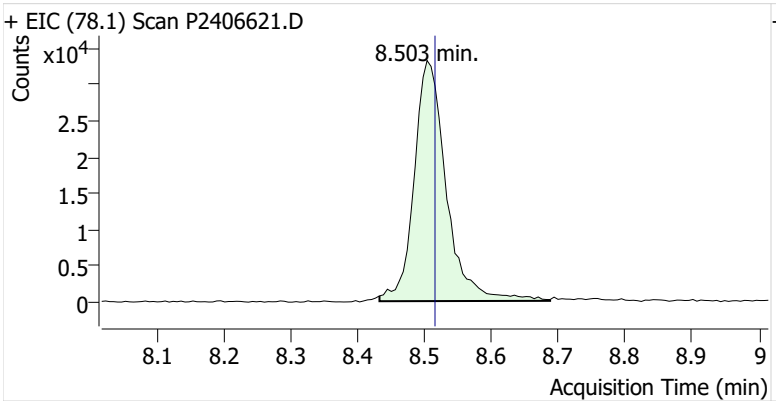
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	738,635	
Benzene	benzene-d6 (IS)	8.503	8.515	110,638	
Toluene-d8 (IS)		11.020	11.032	1,065,988	
Toluene	Toluene-d8 (IS)	11.115	11.121	482,748	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	62,667	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	146,587	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	54,822	

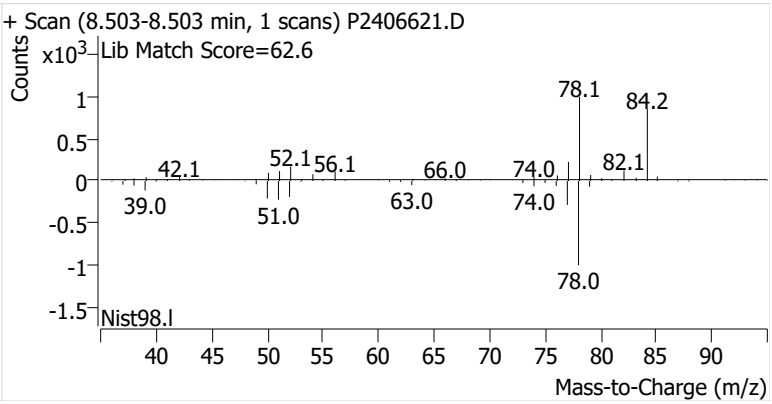
benzene-d6 (IS)



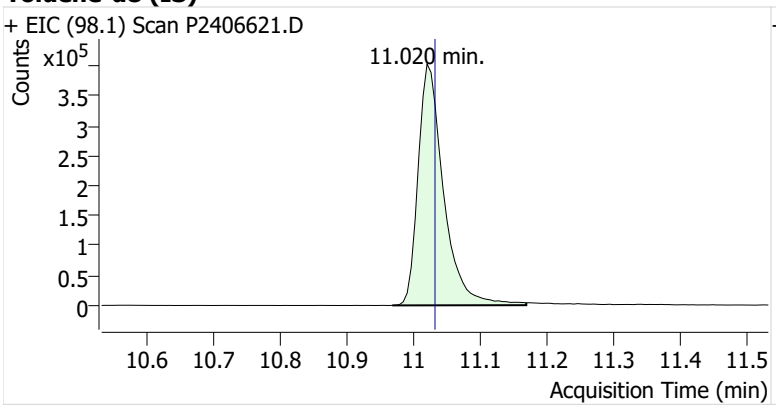


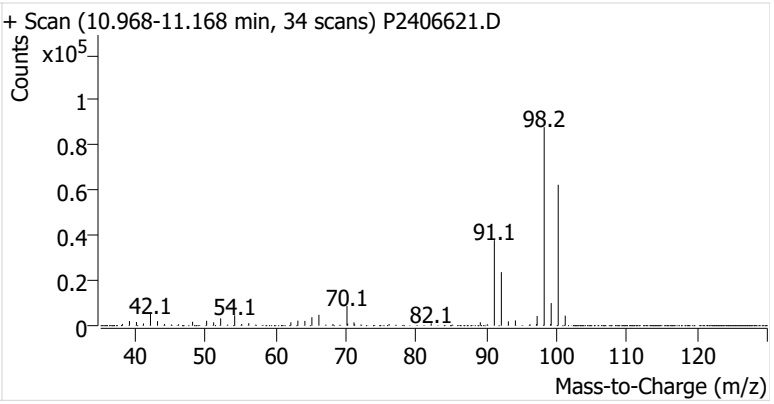
Benzene



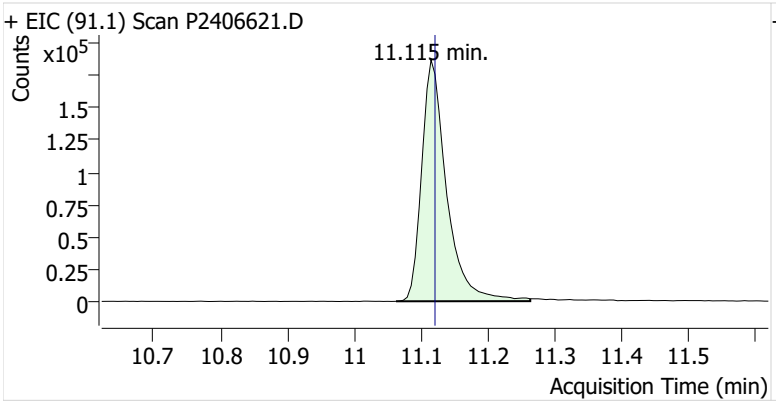


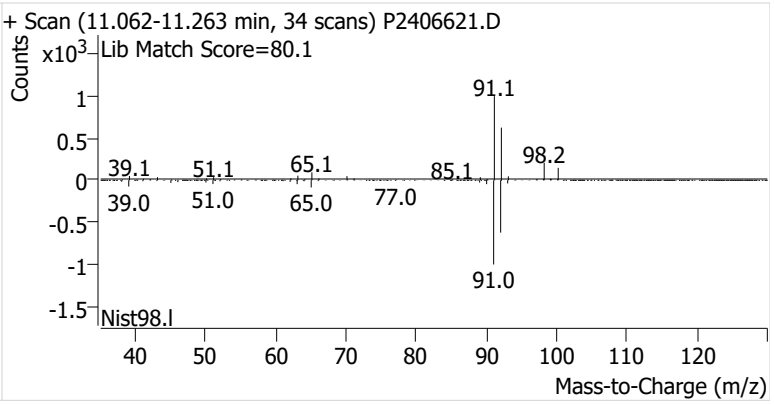
Toluene-d8 (IS)



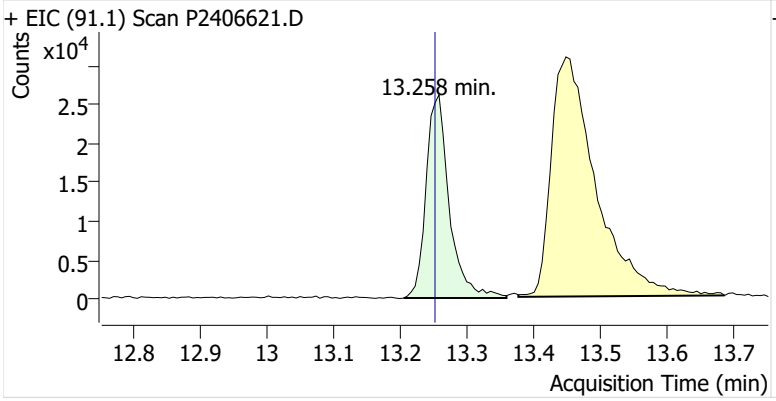


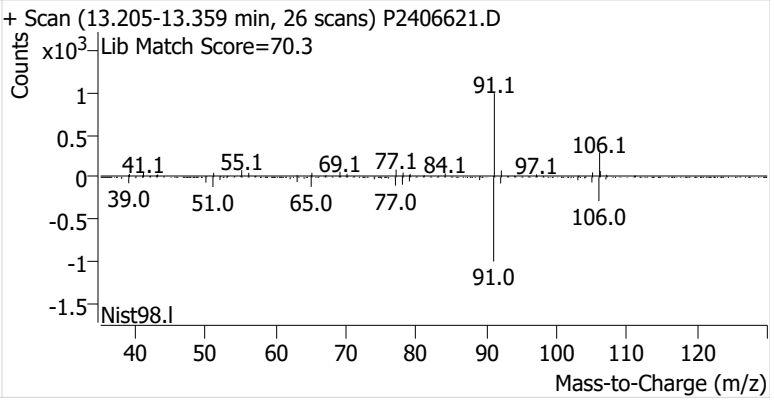
Toluene



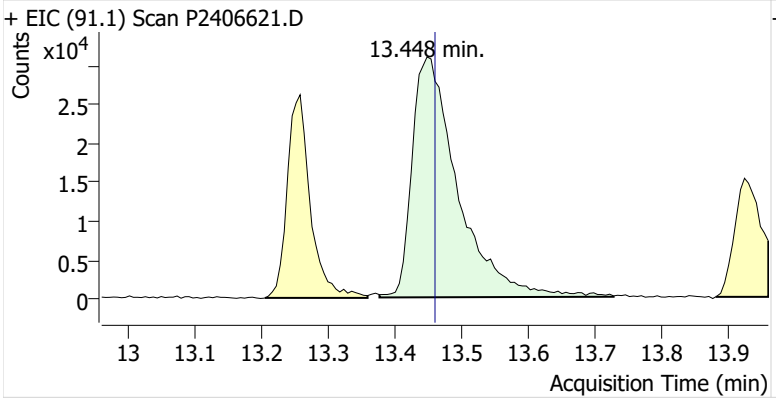


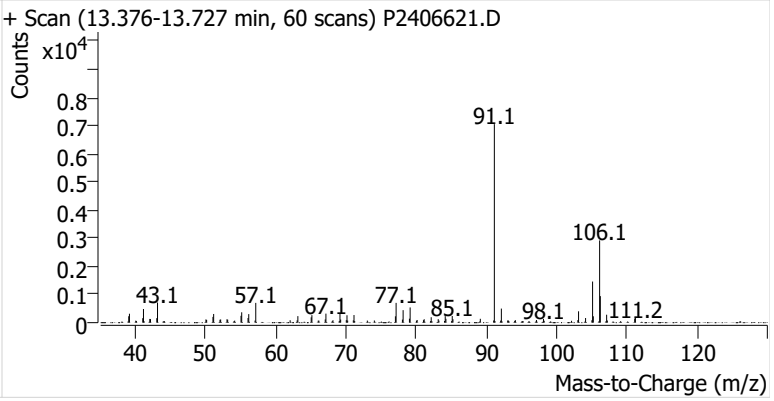
Ethylbenzene



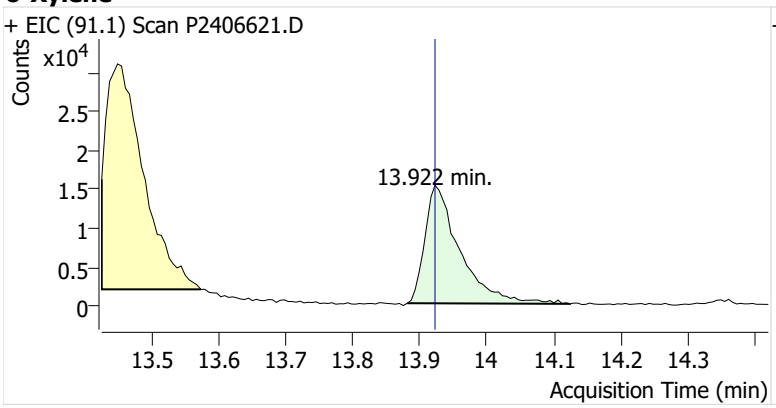


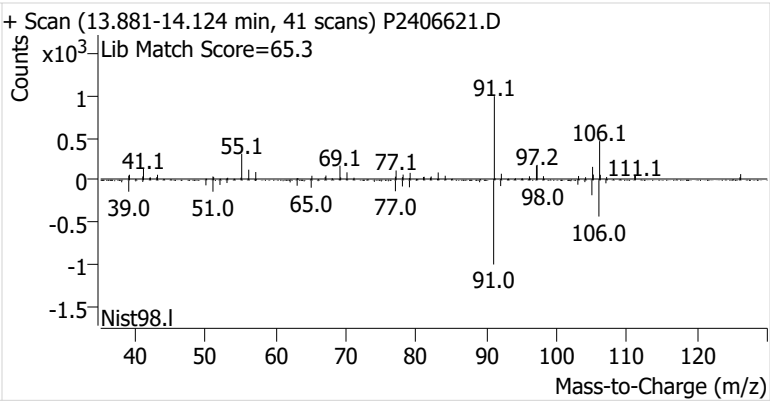
m-/p-Xylene





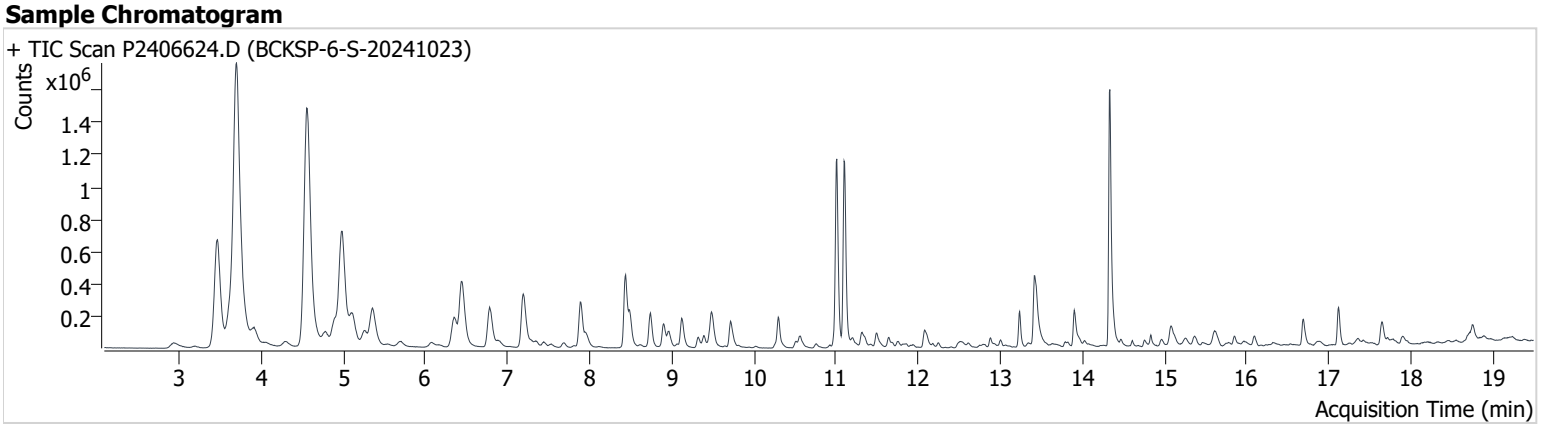
o-Xylene


+ EIC (91.1) Scan P2406621.D
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.881-14.124 min, 41 scans) P2406621.D
Counts
x10^3
Lib Match Score=65.3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
55.1
41.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

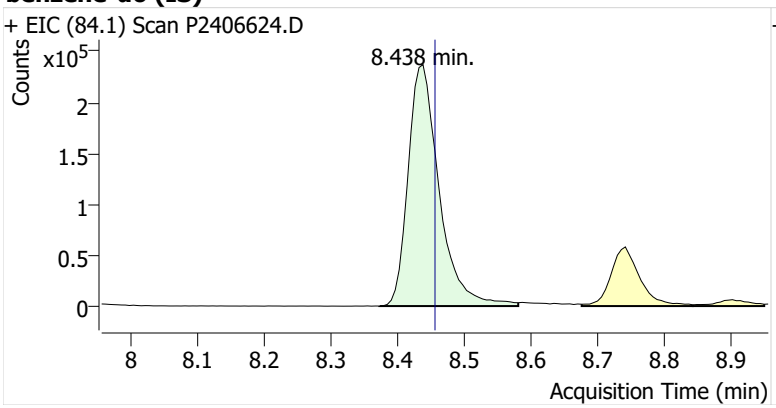
Name	BCKSP-6-S-20241023
Comment	B49577
Data File	P2406624.D
Acq. Date-Time	11/12/2024 9:40:47 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

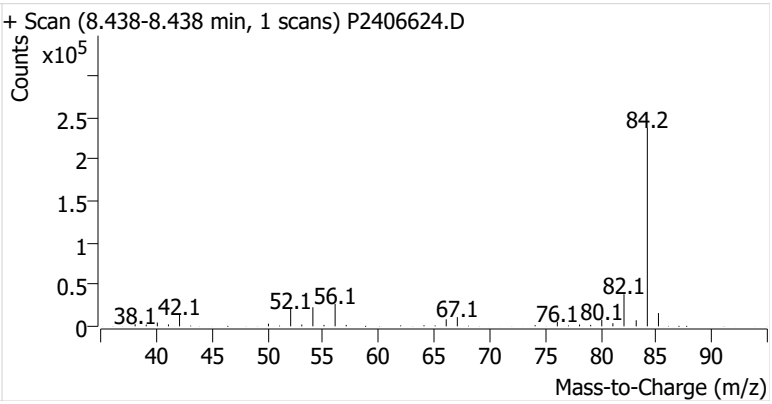
Sample Chromatogram



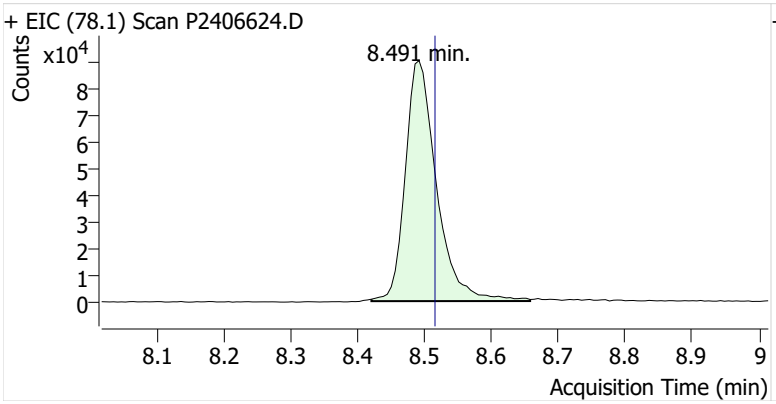
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.438	8.456	764,085	
Benzene	benzene-d6 (IS)	8.491	8.515	292,302	
Toluene-d8 (IS)		11.008	11.032	1,102,279	
Toluene	Toluene-d8 (IS)	11.097	11.121	1,171,750	
Ethylbenzene	Toluene-d8 (IS)	13.234	13.252	206,204	
m-/p-Xylene	Toluene-d8 (IS)	13.418	13.459	607,844	
o-Xylene	Toluene-d8 (IS)	13.898	13.922	240,981	

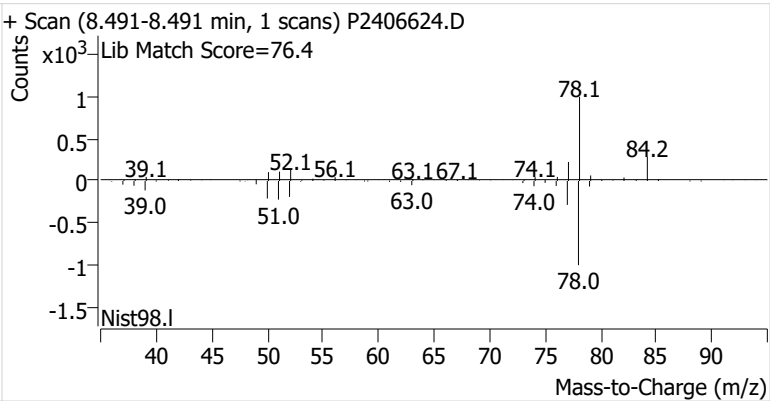
benzene-d6 (IS)



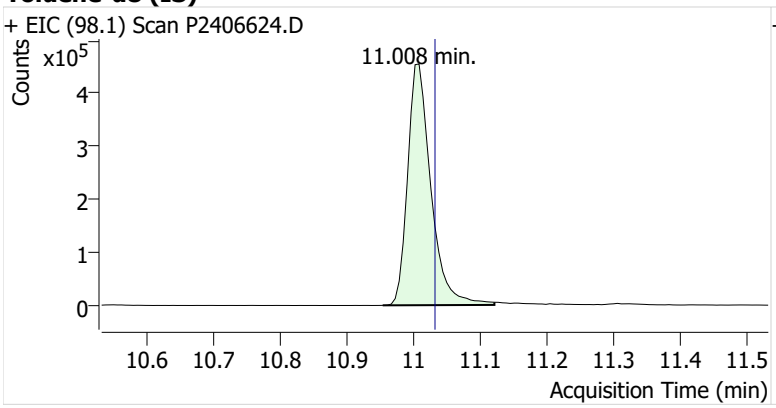


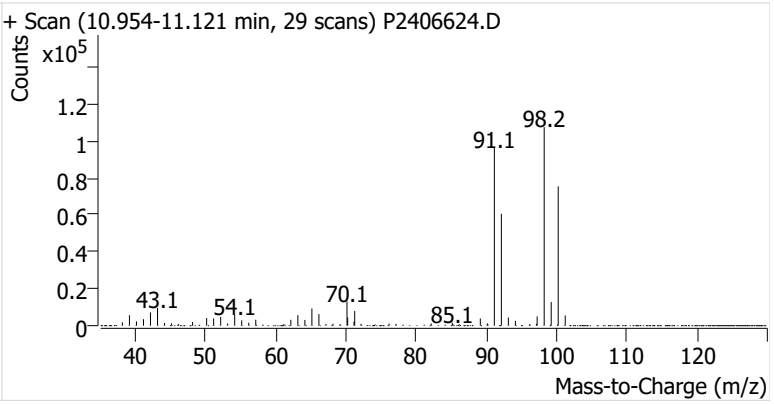
Benzene



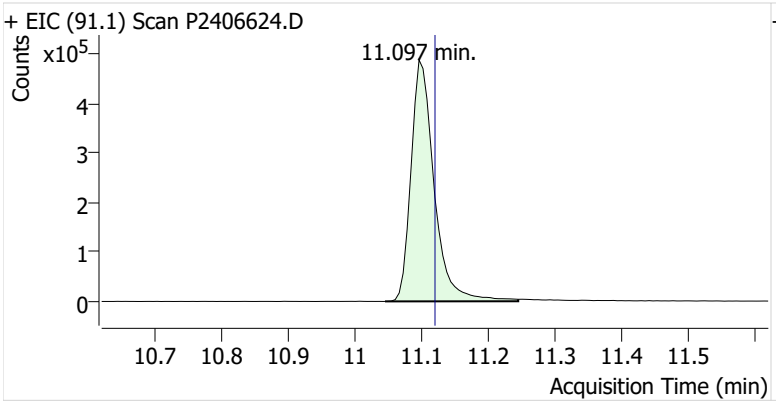


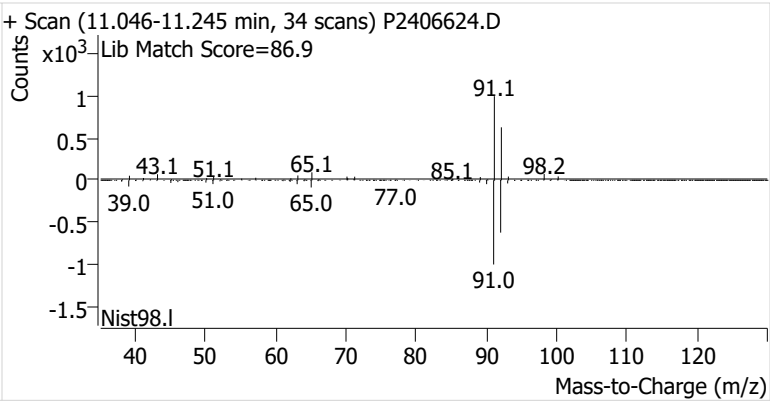
Toluene-d8 (IS)



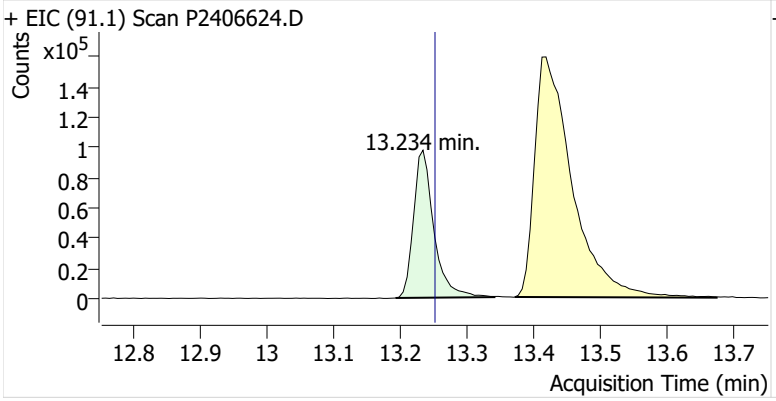


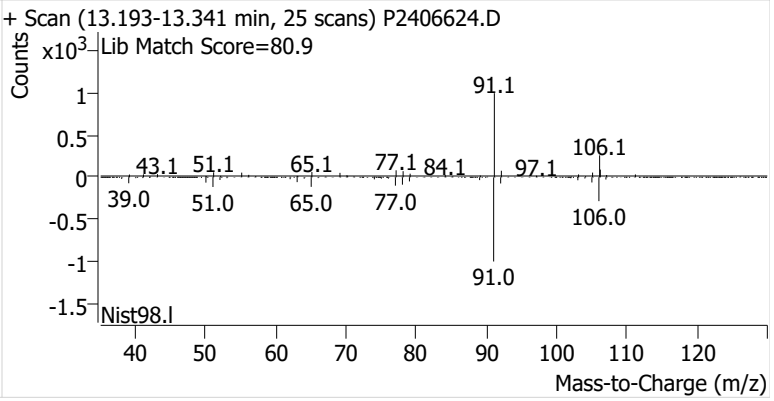
Toluene



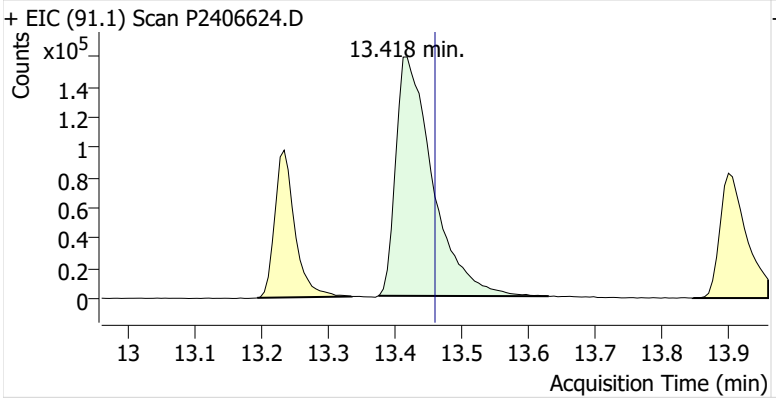


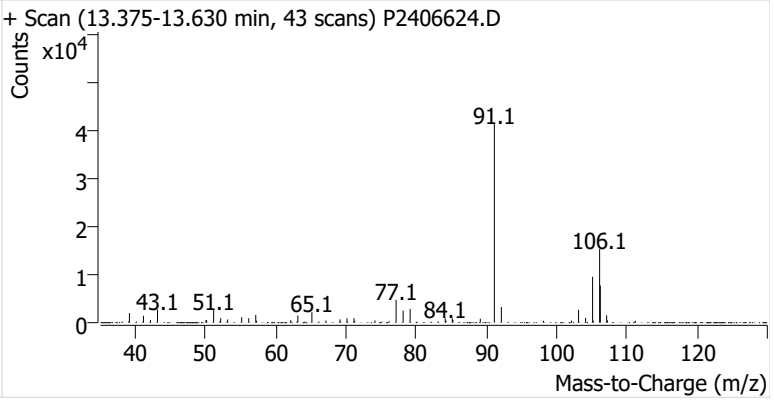
Ethylbenzene



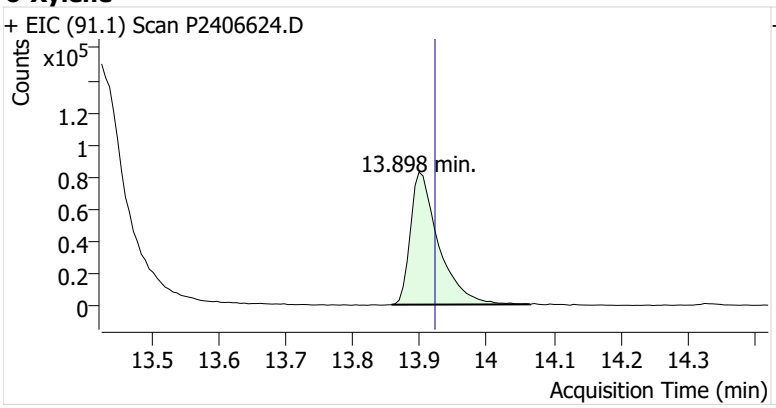


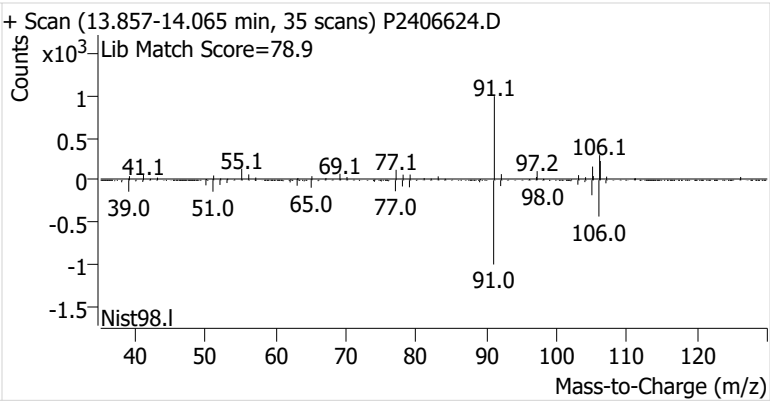
m-/p-Xylene





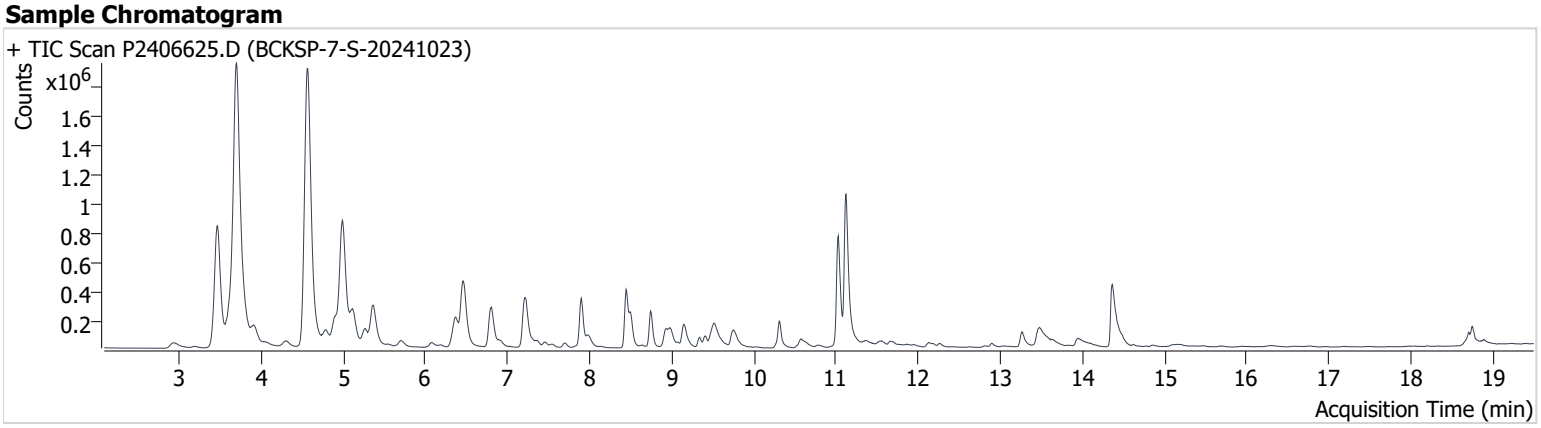
o-Xylene


+ EIC (91.1) Scan P2406624.D
Counts
x10^5
1.2
1
0.8
0.6
0.4
0.2
0
13.898 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.857-14.065 min, 35 scans) P2406624.D
Counts
x10^3
Lib Match Score=78.9
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
77.1
97.2
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

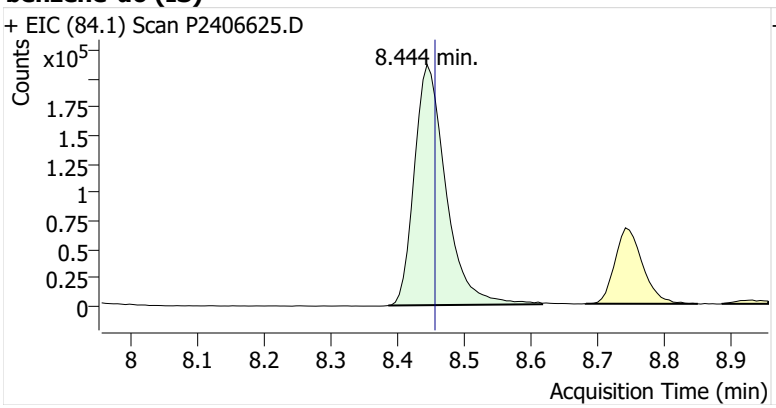
Name	BCKSP-7-S-20241023
Comment	C33016
Data File	P2406625.D
Acq. Date-Time	11/12/2024 10:18:06 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

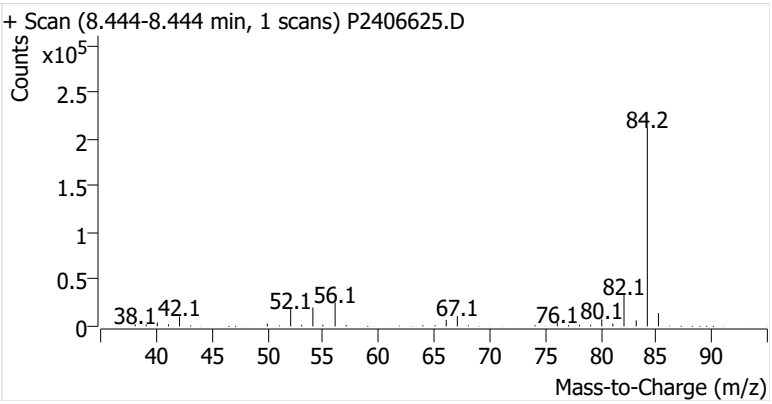
Sample Chromatogram



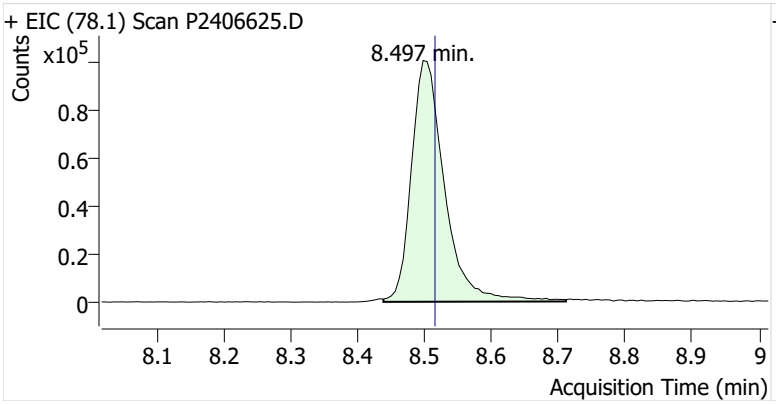
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.444	8.456	692,925	
Benzene	benzene-d6 (IS)	8.497	8.515	344,896	
Toluene-d8 (IS)		11.026	11.032	1,030,614	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,575,016	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	215,979	
m-/p-Xylene	Toluene-d8 (IS)	13.471	13.459	395,559	
o-Xylene	Toluene-d8 (IS)	13.940	13.922	147,448	

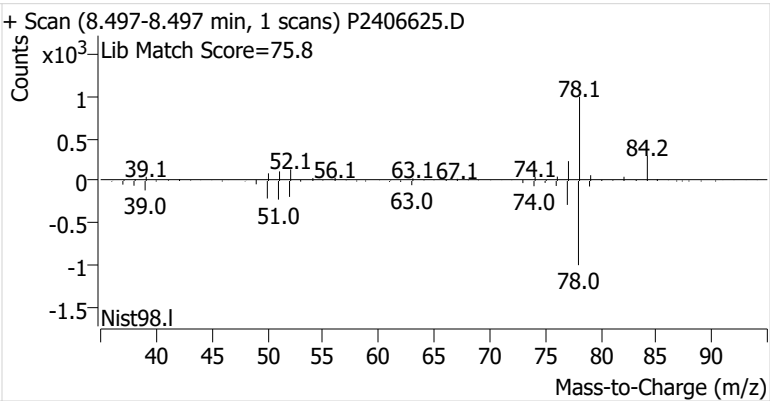
benzene-d6 (IS)



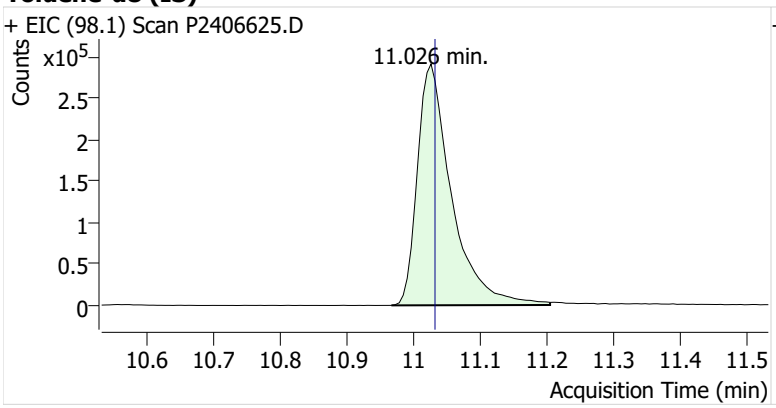


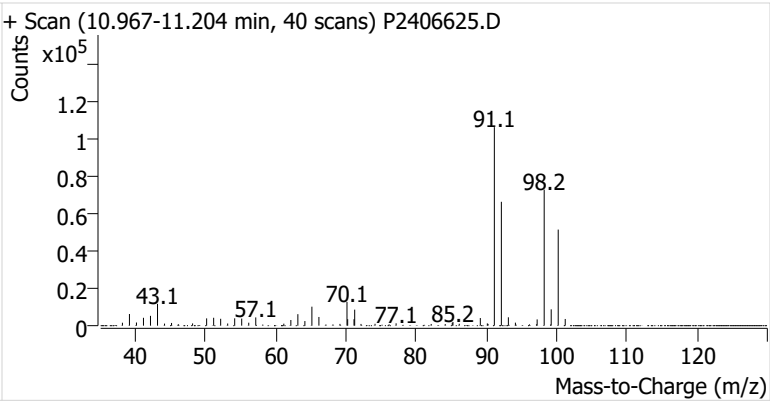
Benzene



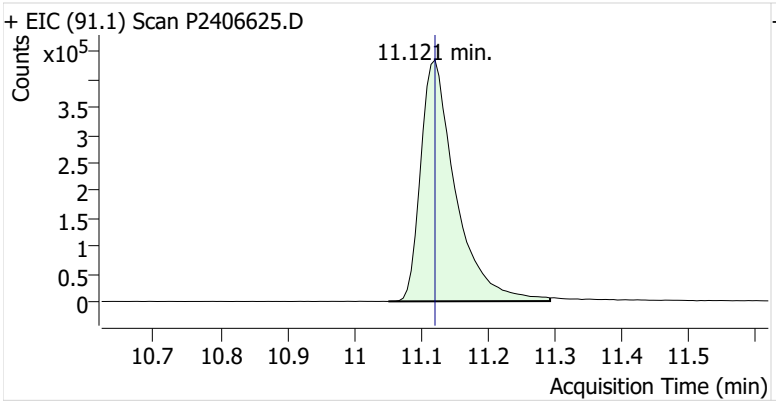


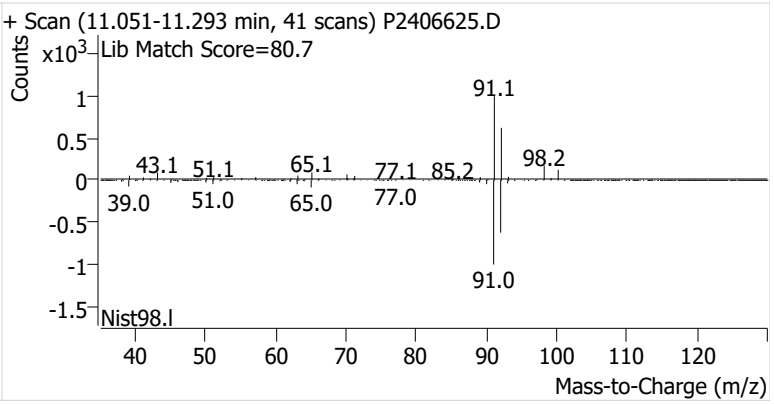
Toluene-d8 (IS)



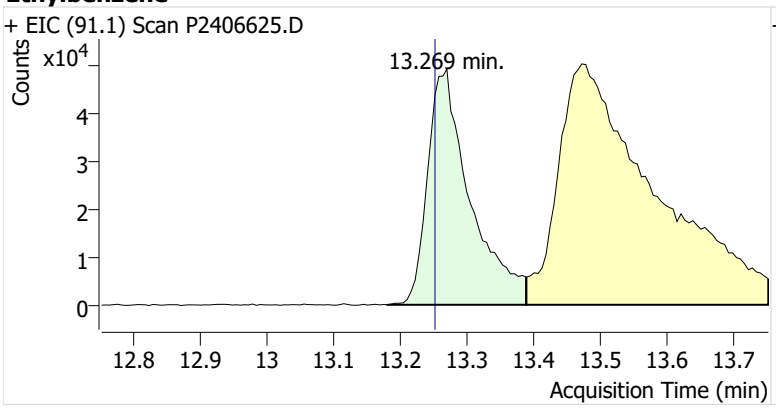


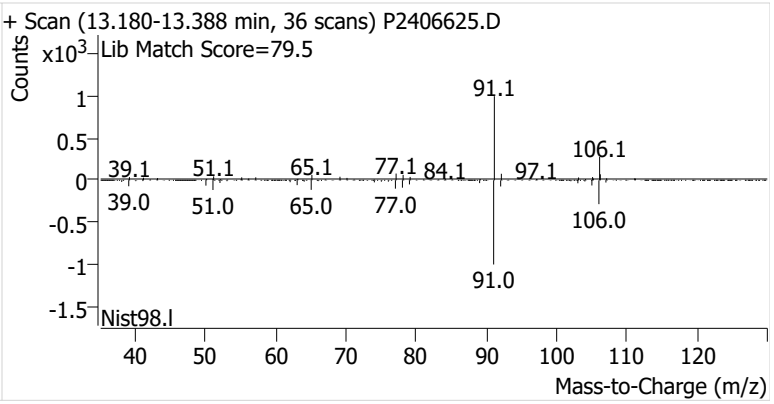
Toluene



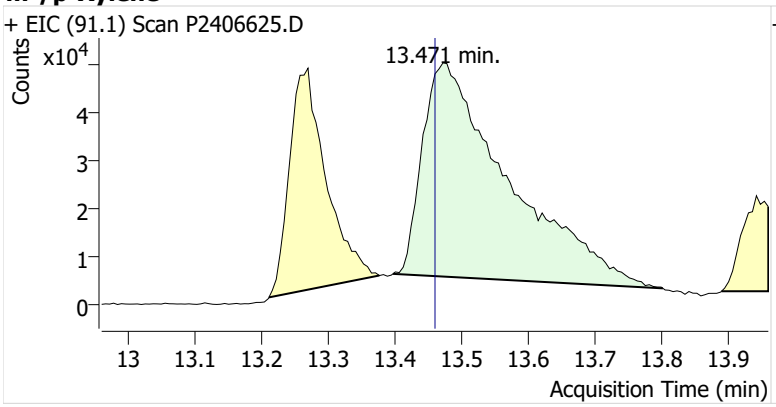


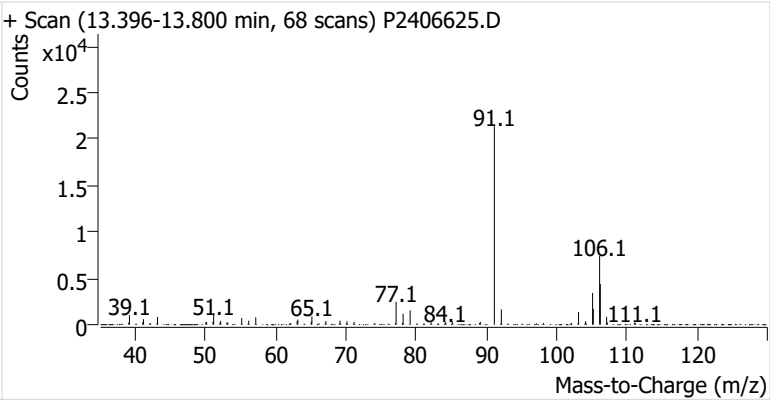
Ethylbenzene



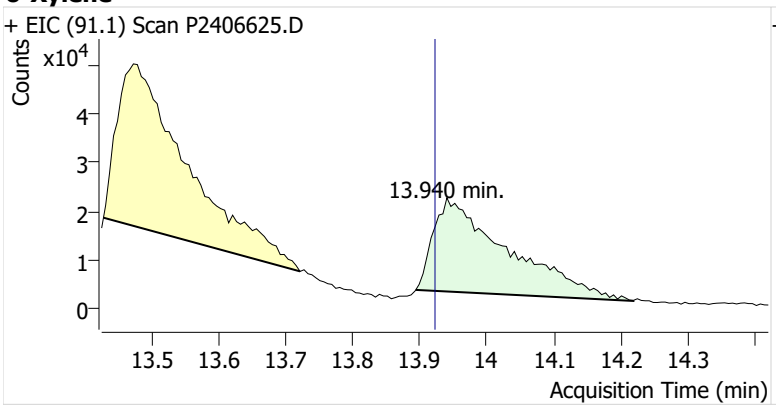


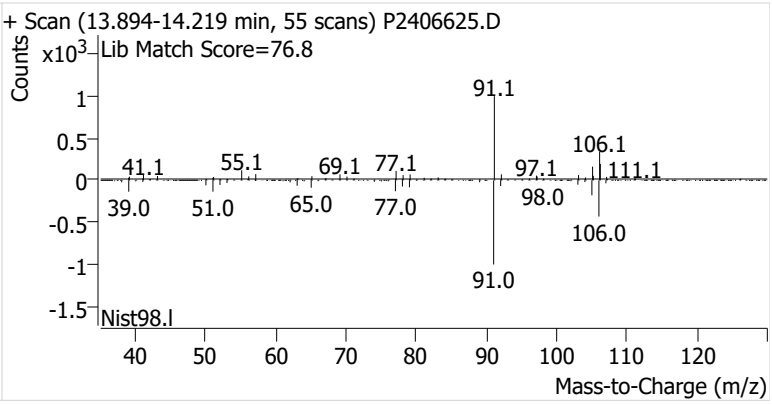
m-/p-Xylene





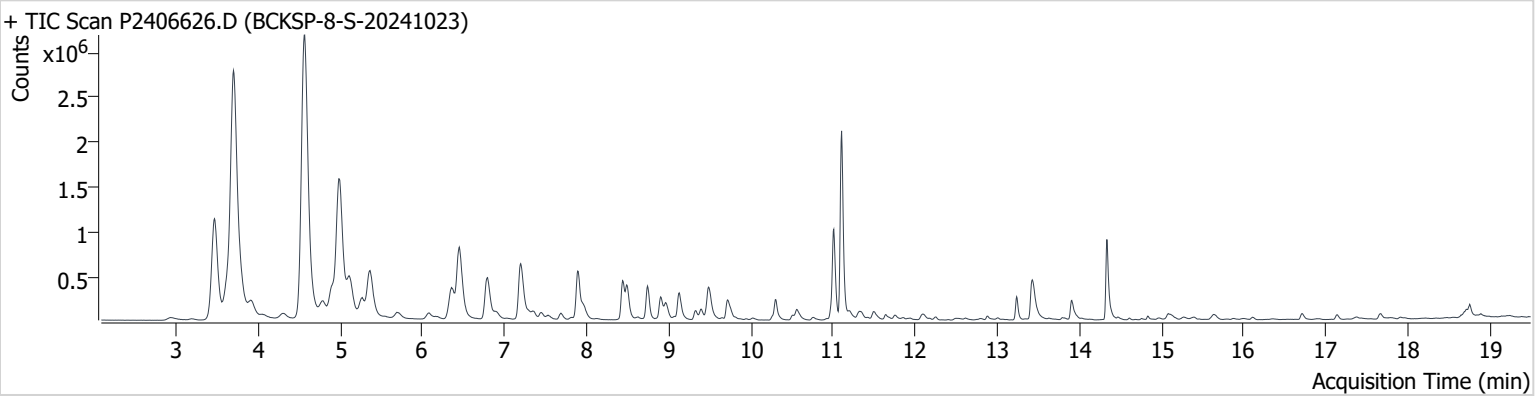
o-Xylene


+ EIC (91.1) Scan P2406625.D
Counts
x10^4
4
3
2
1
0
13.940 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.894-14.219 min, 55 scans) P2406625.D
Counts
x10^3
Lib Match Score=76.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

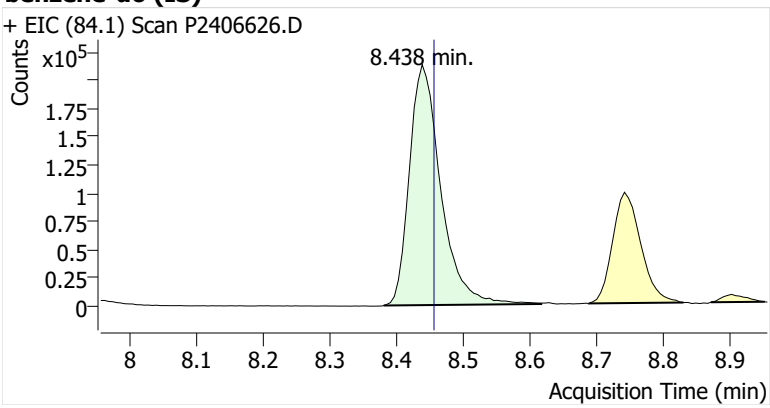
Name	BCKSP-8-S-20241023
Comment	C00665
Data File	P2406626.D
Acq. Date-Time	11/12/2024 10:55:25 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

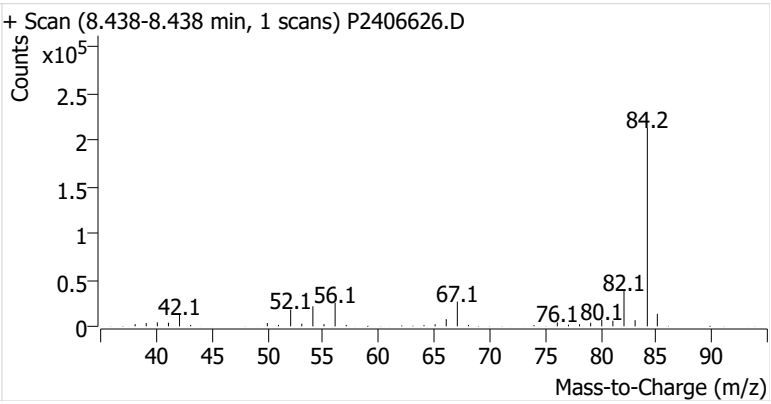
Sample Chromatogram



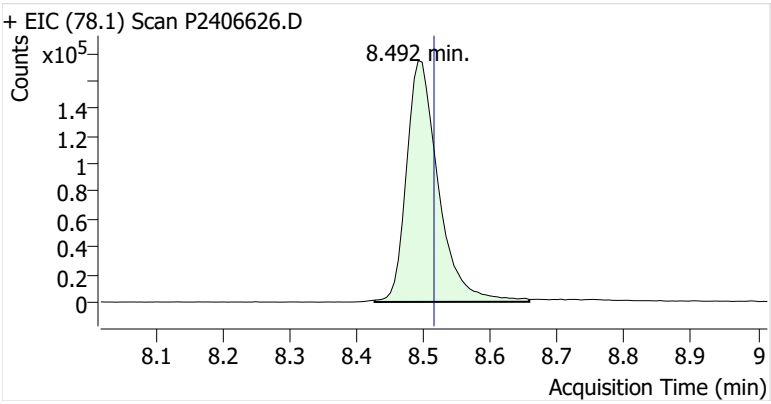
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.438	8.456	692,391	
Benzene	benzene-d6 (IS)	8.492	8.515	578,235	
Toluene-d8 (IS)		11.008	11.032	1,007,704	
Toluene	Toluene-d8 (IS)	11.103	11.121	2,310,898	
Ethylbenzene	Toluene-d8 (IS)	13.234	13.252	287,865	
m-/p-Xylene	Toluene-d8 (IS)	13.424	13.459	714,567	
o-Xylene	Toluene-d8 (IS)	13.905	13.922	269,980	

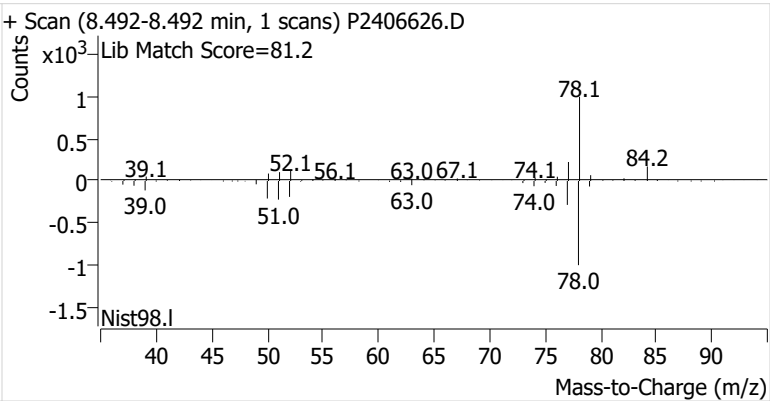
benzene-d6 (IS)



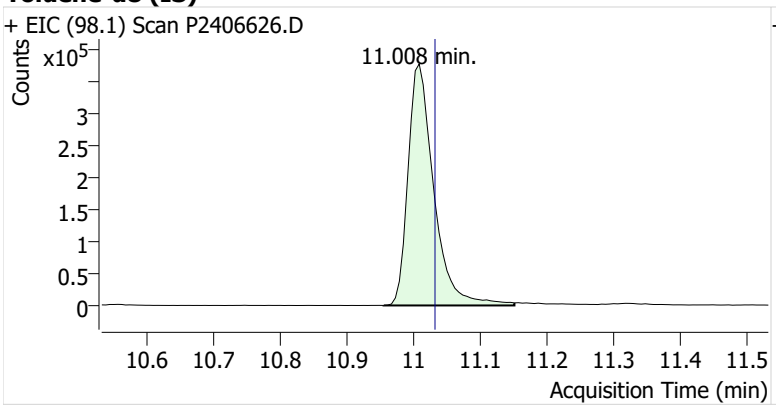


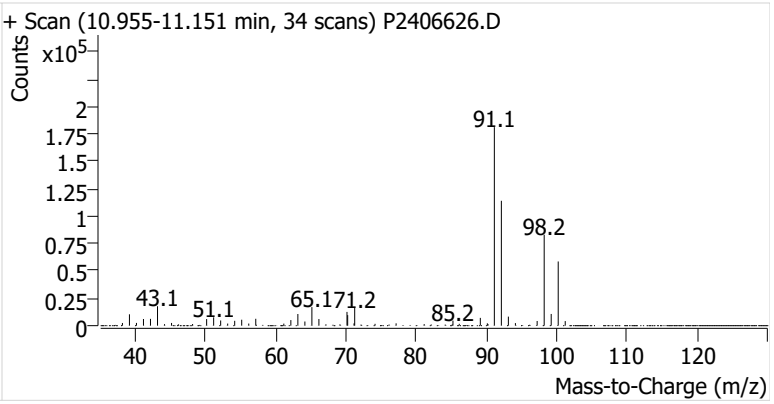
Benzene



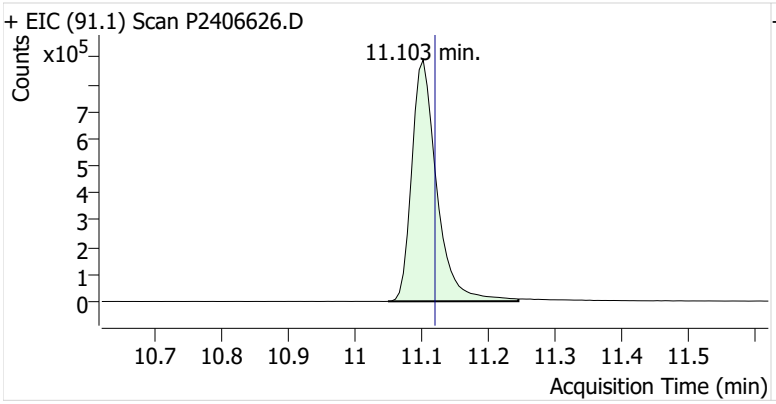


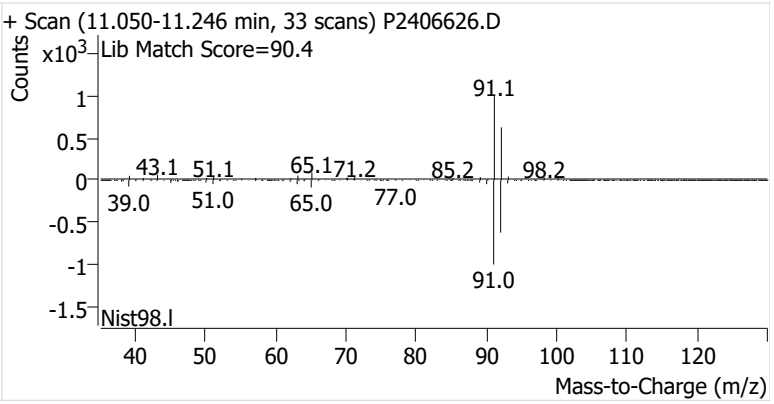
Toluene-d8 (IS)



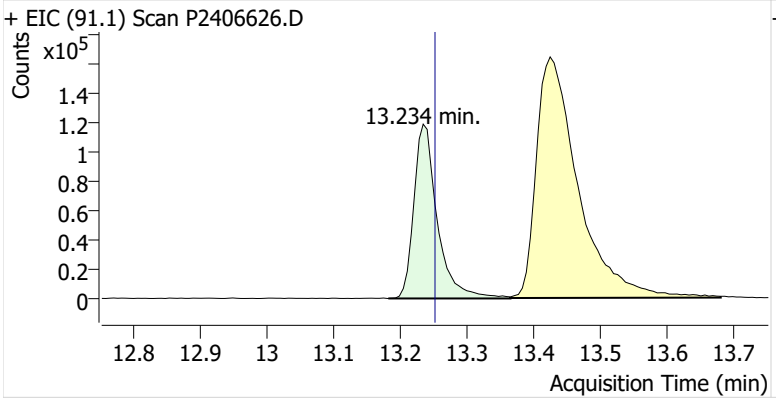


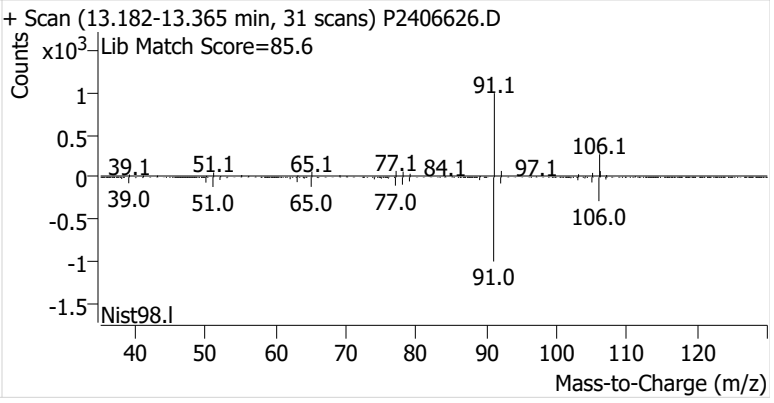
Toluene



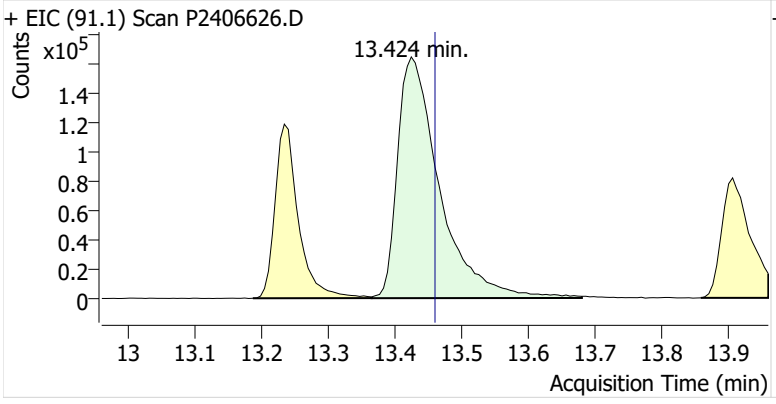


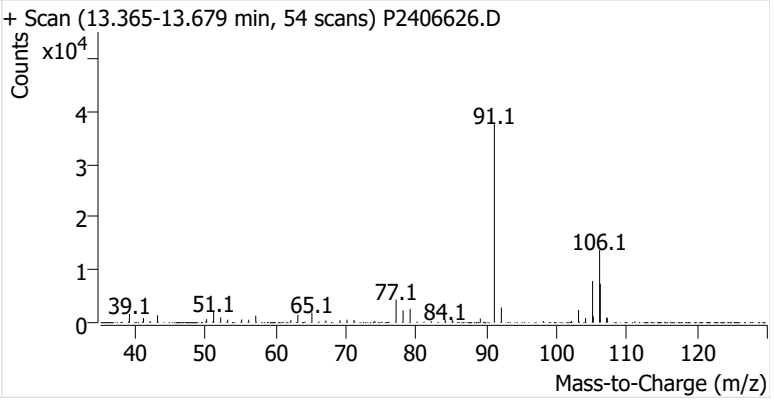
Ethylbenzene



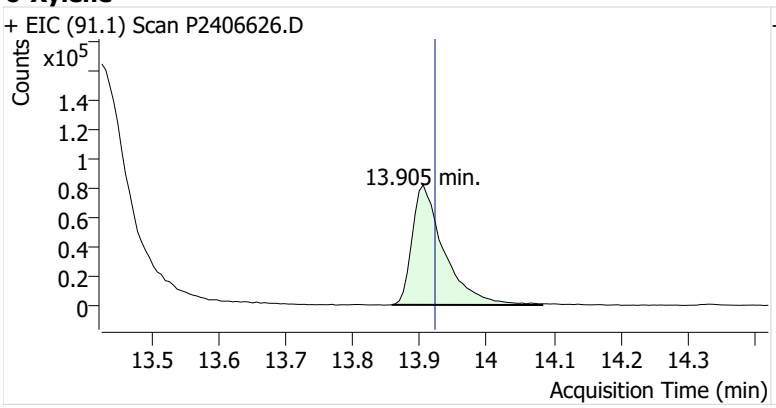


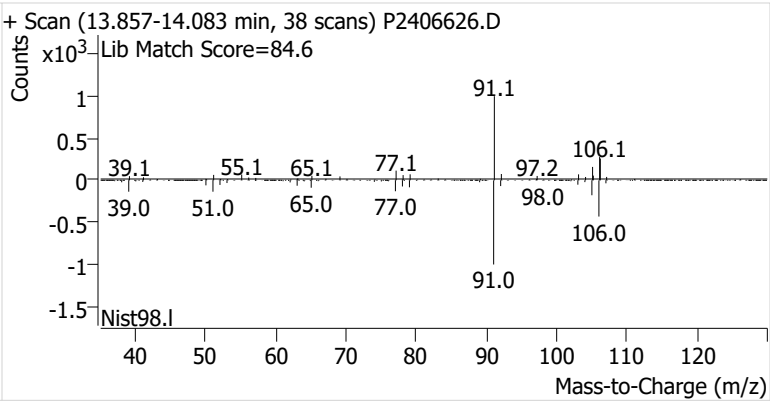
m-/p-Xylene





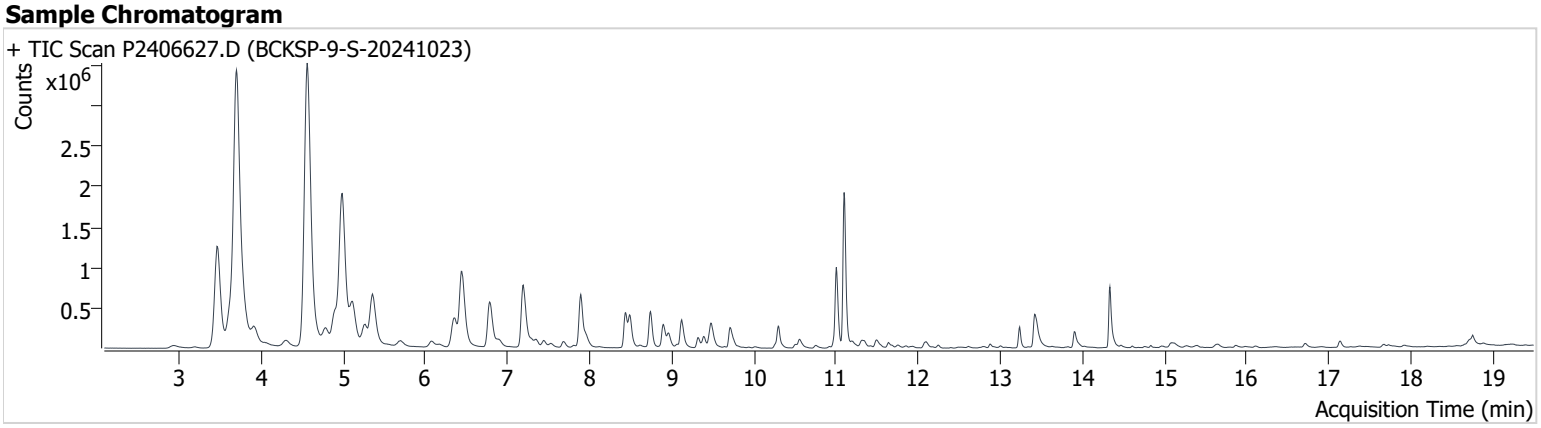
o-Xylene


+ EIC (91.1) Scan P2406626.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.905 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.857-14.083 min, 38 scans) P2406626.D
Counts
x10^3
Lib Match Score=84.6
1
0.5
0
-0.5
-1
-1.5
91.1
39.1
55.1
65.1
77.1
97.2
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

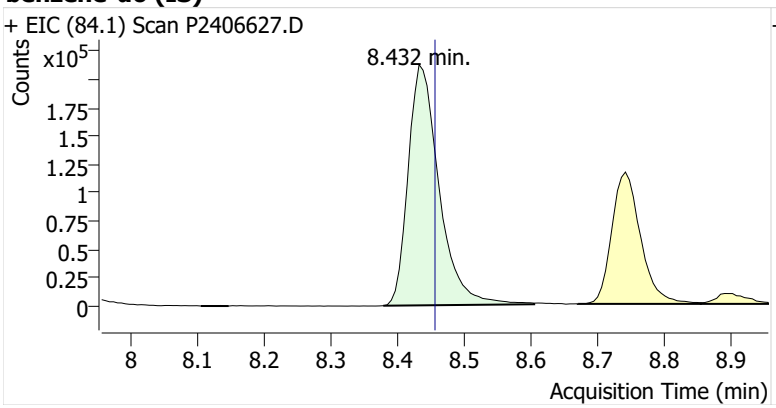
Name	BCKSP-9-S-20241023
Comment	C31392
Data File	P2406627.D
Acq. Date-Time	11/12/2024 11:32:55 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

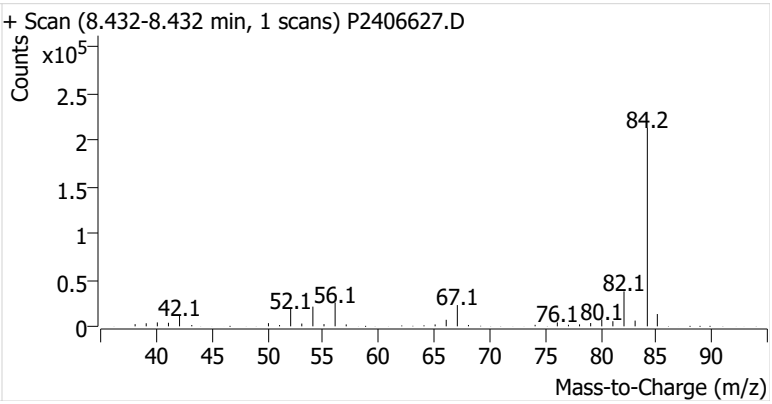
Sample Chromatogram



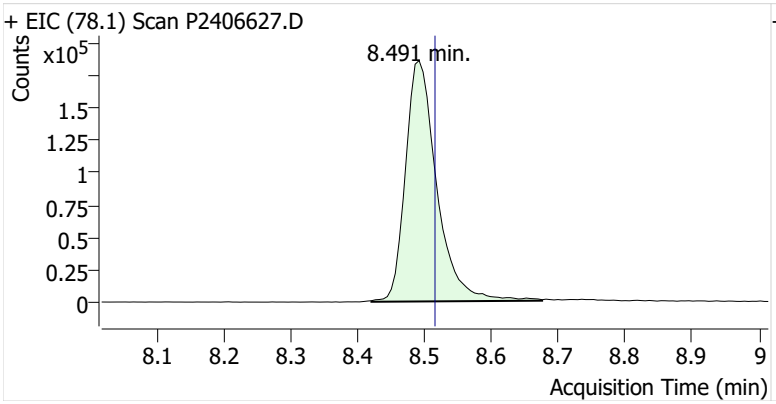
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.432	8.456	682,319	
Benzene	benzene-d6 (IS)	8.491	8.515	606,481	
Toluene-d8 (IS)		11.002	11.032	976,509	
Toluene	Toluene-d8 (IS)	11.097	11.121	2,099,138	
Ethylbenzene	Toluene-d8 (IS)	13.234	13.252	259,300	
m-/p-Xylene	Toluene-d8 (IS)	13.418	13.459	609,876	
o-Xylene	Toluene-d8 (IS)	13.899	13.922	239,462	

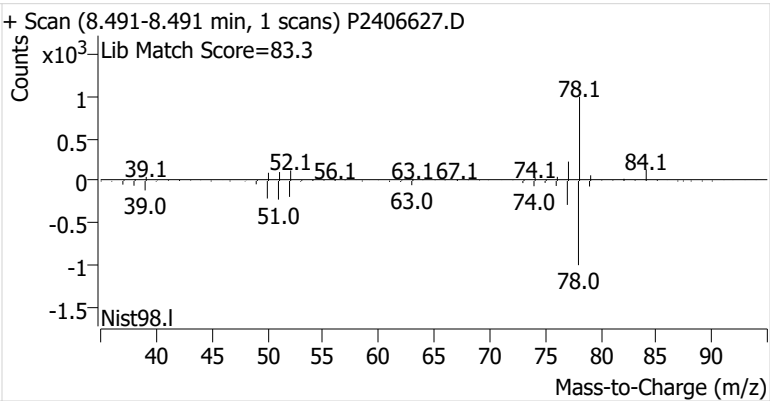
benzene-d6 (IS)



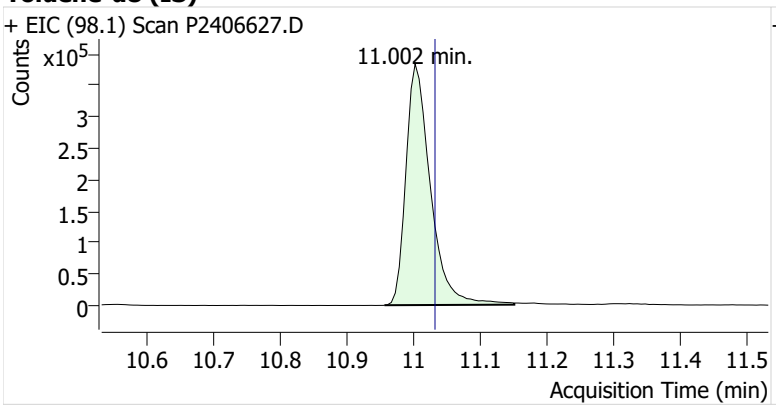


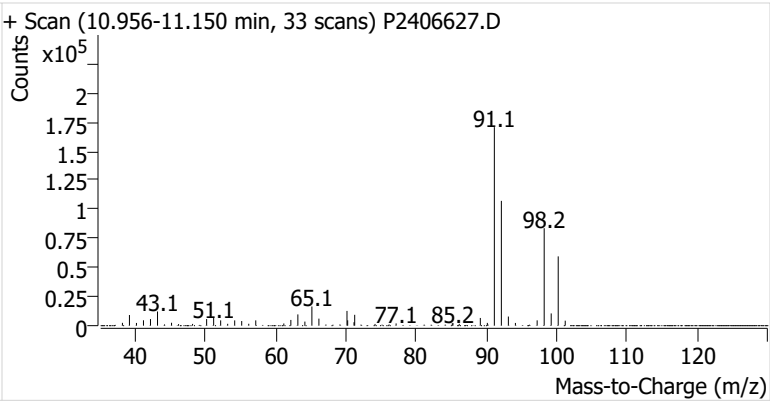
Benzene



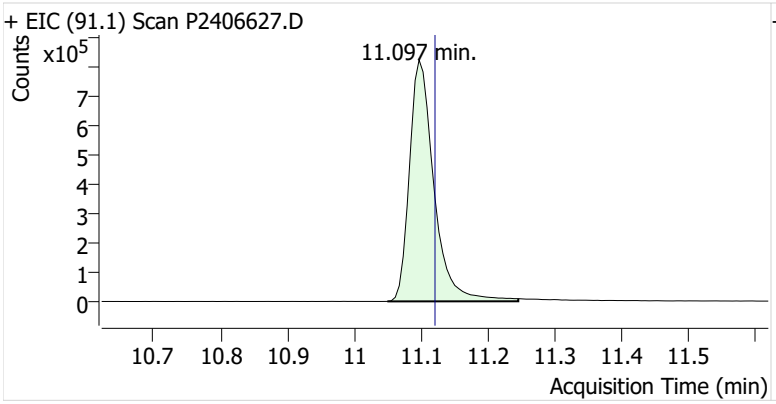


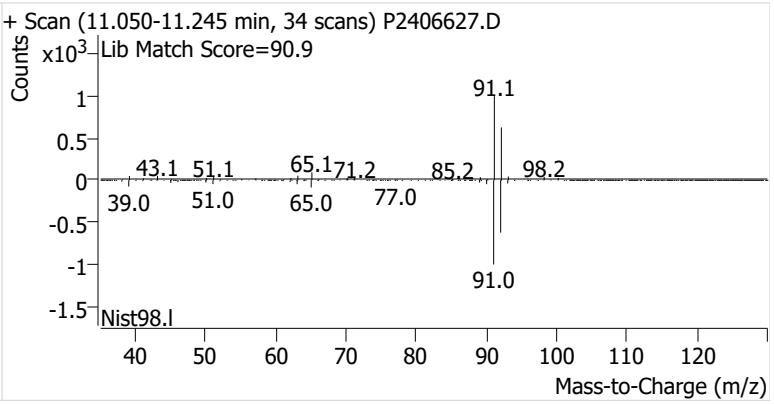
Toluene-d8 (IS)



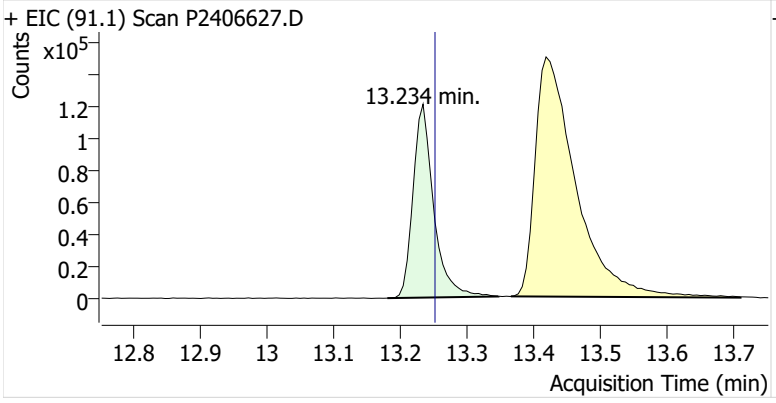


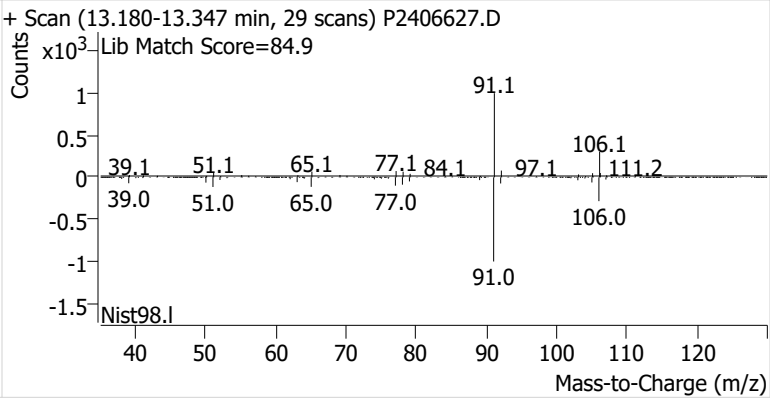
Toluene



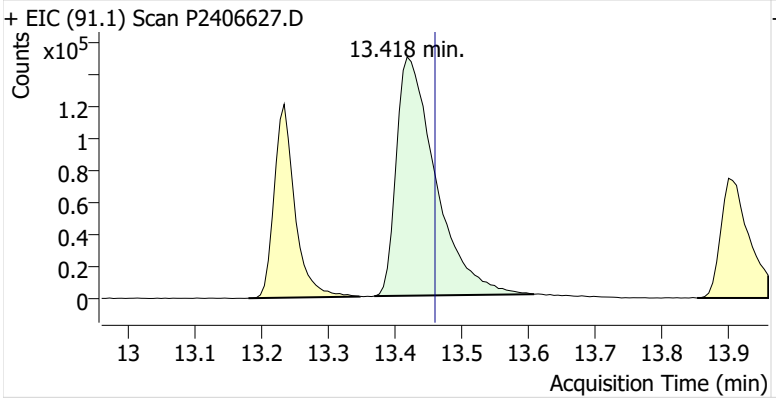


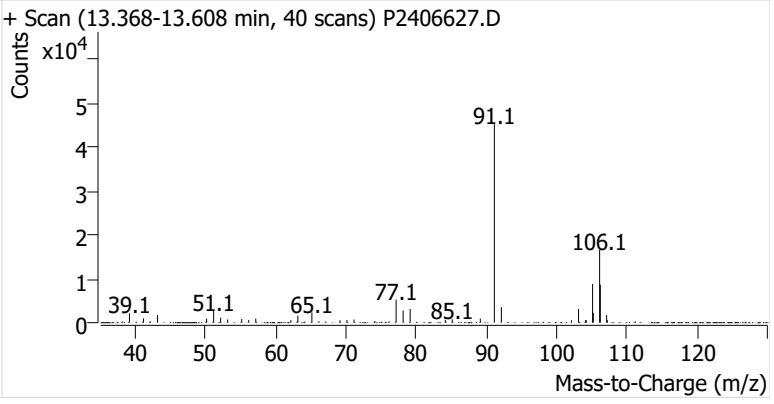
Ethylbenzene



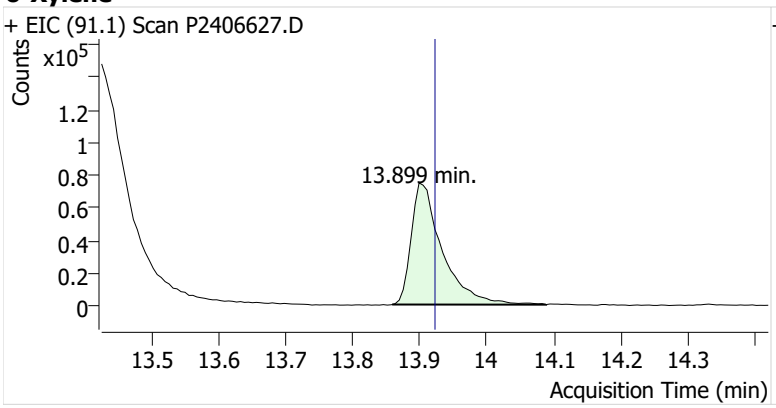


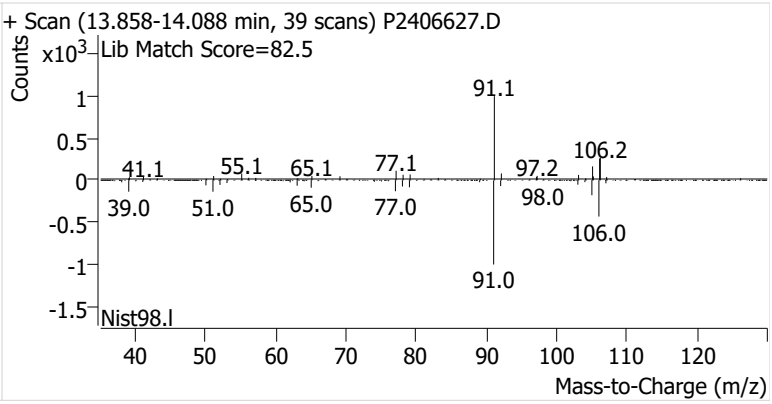
m-/p-Xylene





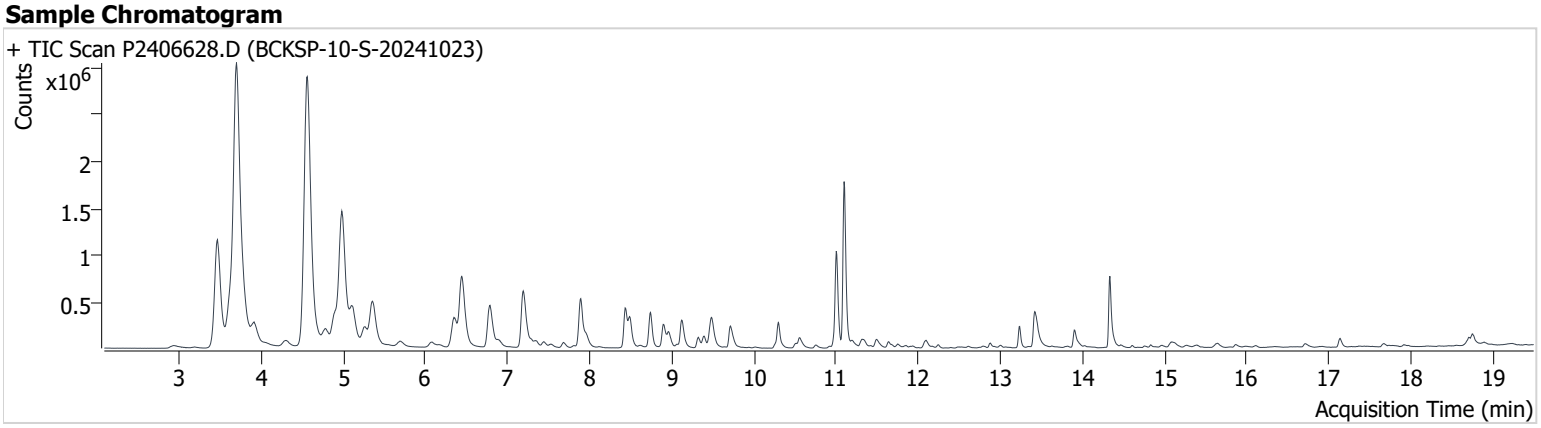
o-Xylene


+ EIC (91.1) Scan P2406627.D
Counts
x10^5
1.2
1
0.8
0.6
0.4
0.2
0
13.899 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.858-14.088 min, 39 scans) P2406627.D
Counts
x10^3
Lib Match Score=82.5
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
65.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

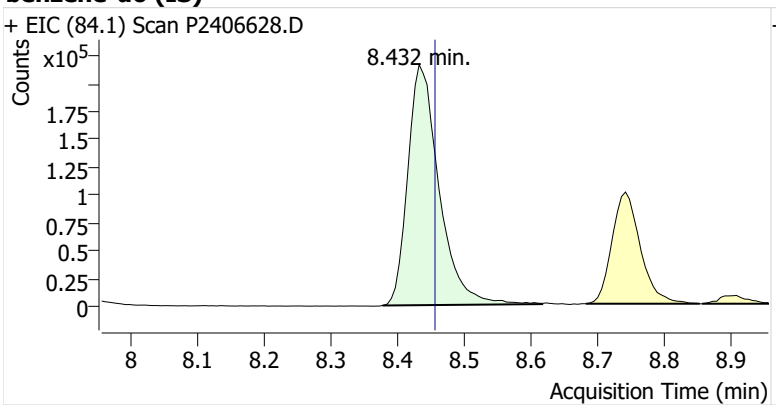
Name	BCKSP-10-S-20241023
Comment	C01853
Data File	P2406628.D
Acq. Date-Time	11/13/2024 12:14:00 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

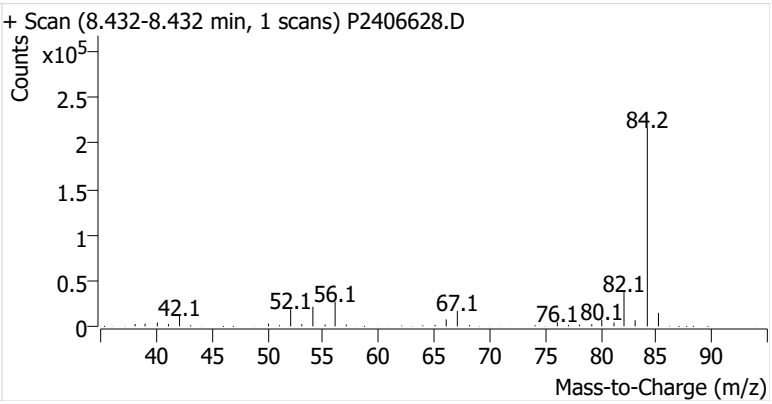
Sample Chromatogram



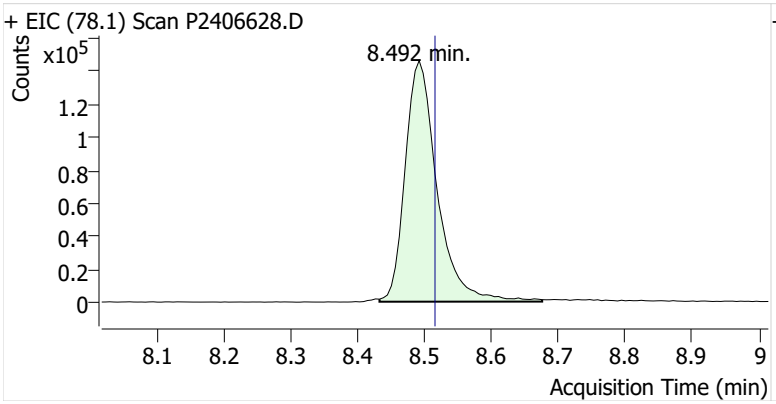
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.432	8.456	702,594	
Benzene	benzene-d6 (IS)	8.492	8.515	485,832	
Toluene-d8 (IS)		11.002	11.032	1,019,070	
Toluene	Toluene-d8 (IS)	11.097	11.121	1,908,213	
Ethylbenzene	Toluene-d8 (IS)	13.234	13.252	234,537	
m-/p-Xylene	Toluene-d8 (IS)	13.418	13.459	581,546	
o-Xylene	Toluene-d8 (IS)	13.899	13.922	233,864	

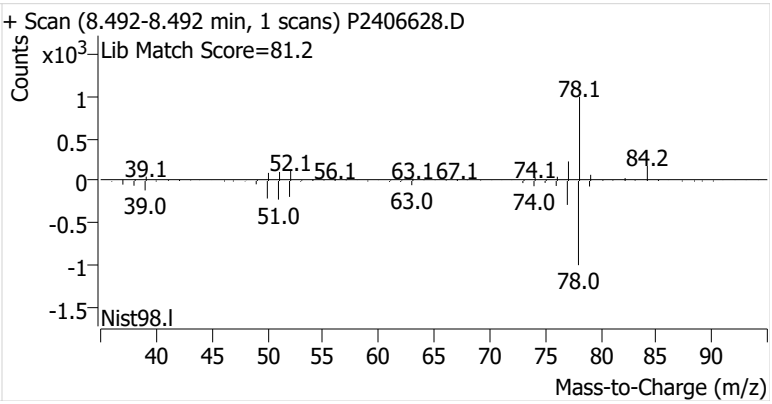
benzene-d6 (IS)



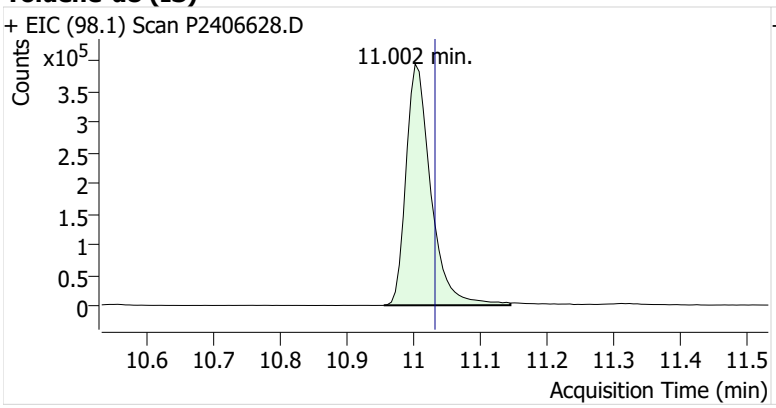


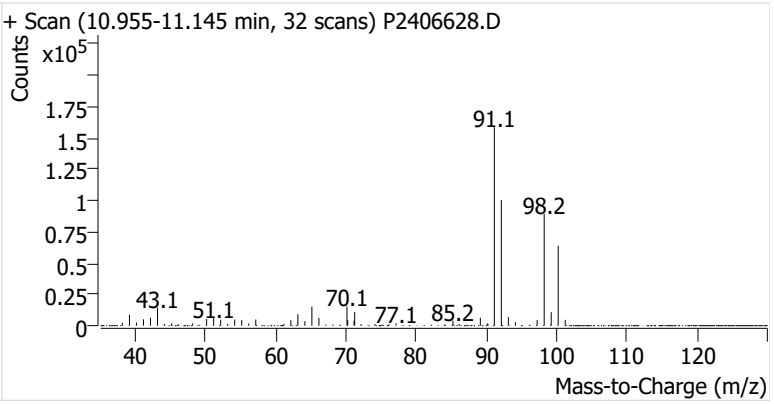
Benzene



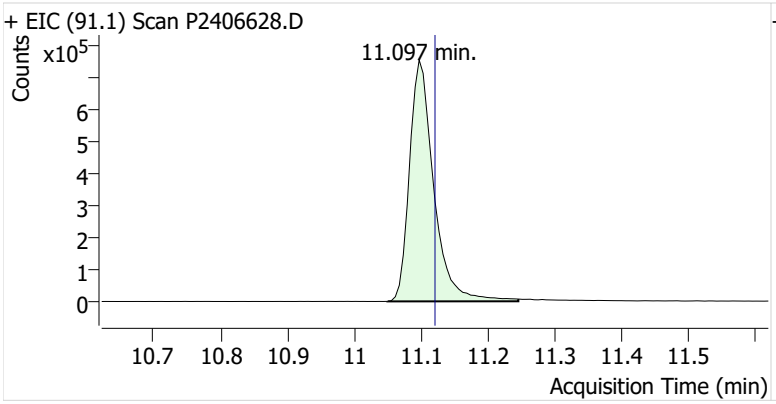


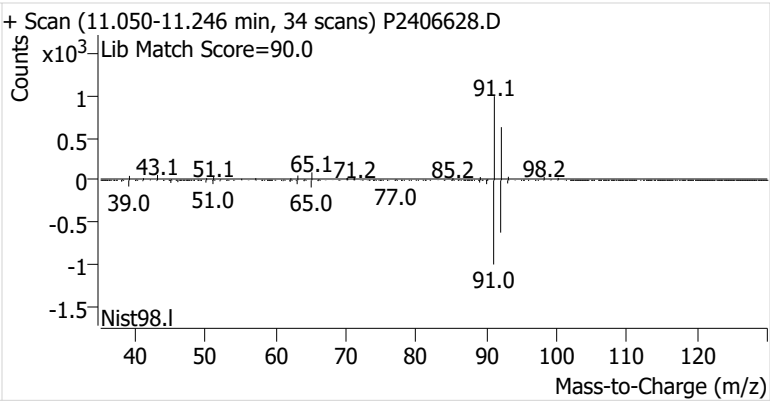
Toluene-d8 (IS)



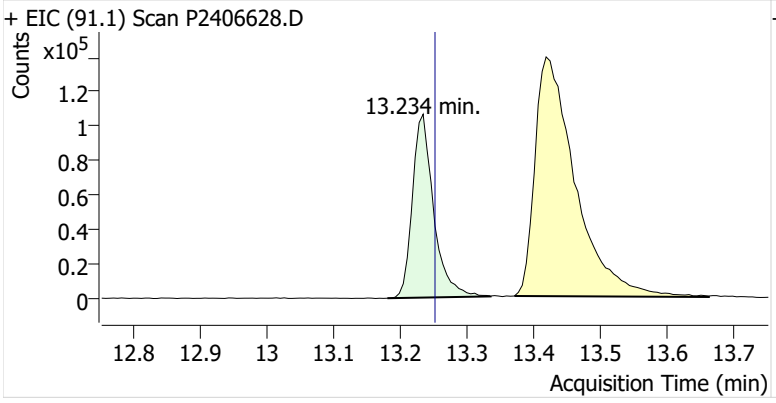


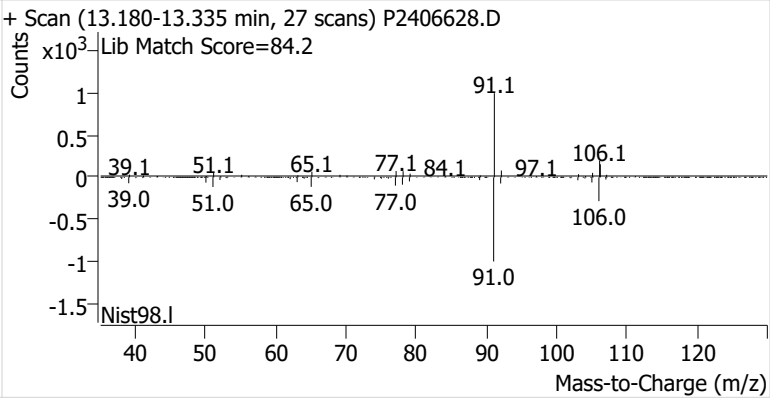
Toluene



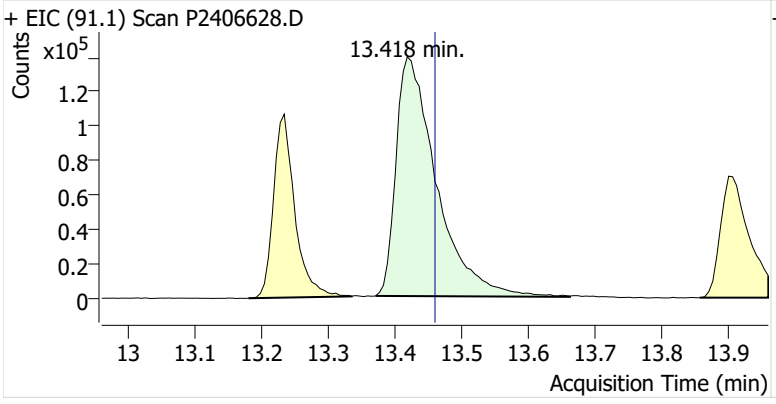


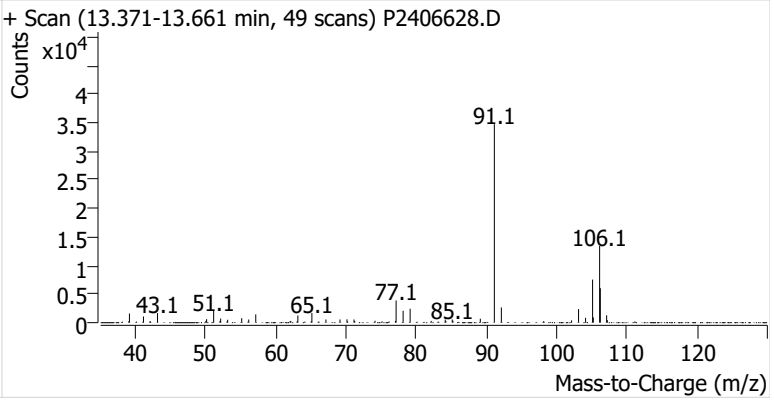
Ethylbenzene



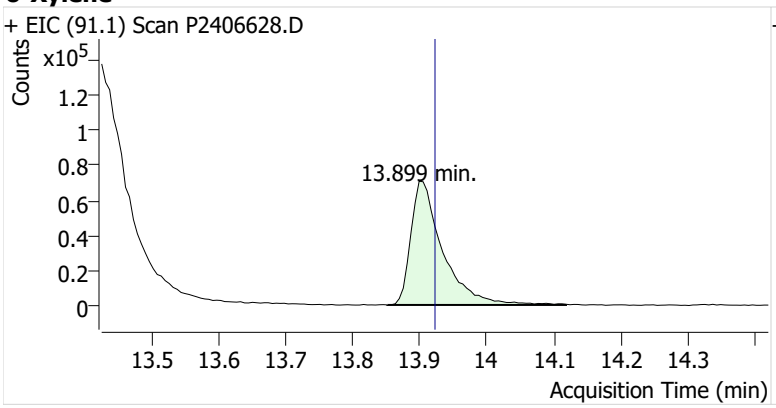


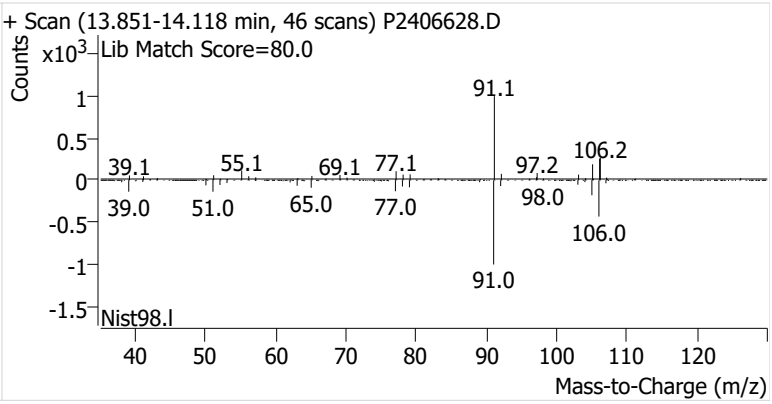
m-/p-Xylene





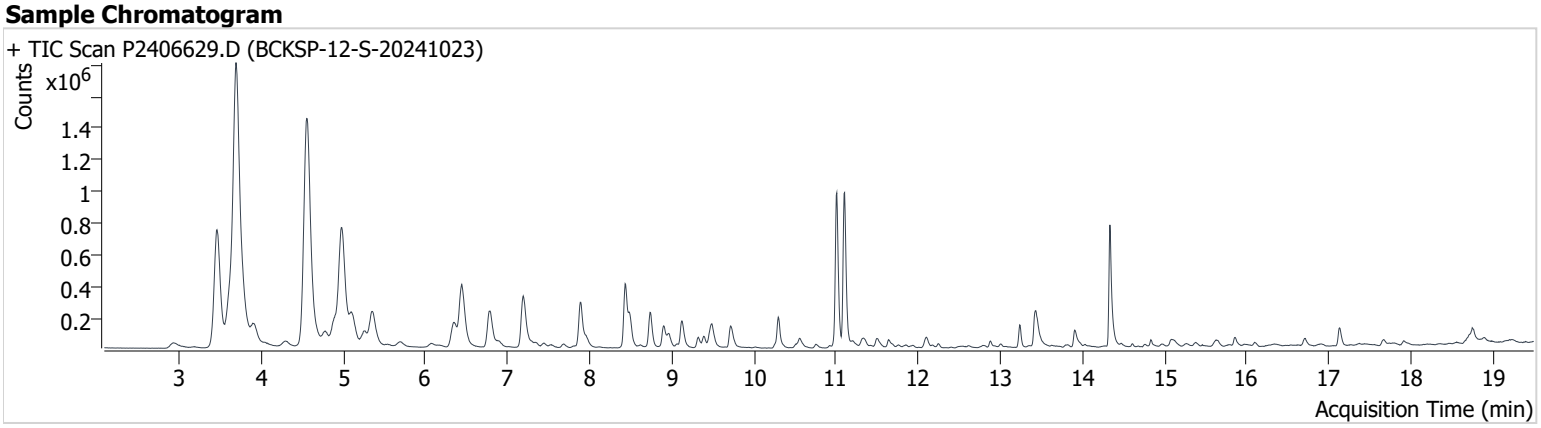
o-Xylene


+ EIC (91.1) Scan P2406628.D
Counts
x10^5
1.2
1
0.8
0.6
0.4
0.2
0
13.899 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.851-14.118 min, 46 scans) P2406628.D
Counts
x10^3
Lib Match Score=80.0
1
0.5
0
-0.5
-1
-1.5
91.1
39.1
55.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

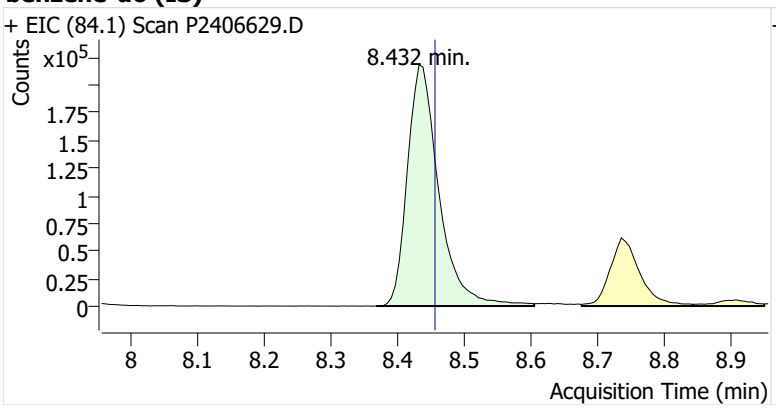
Name	BCKSP-12-S-20241023
Comment	C39264
Data File	P2406629.D
Acq. Date-Time	11/13/2024 12:55:03 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

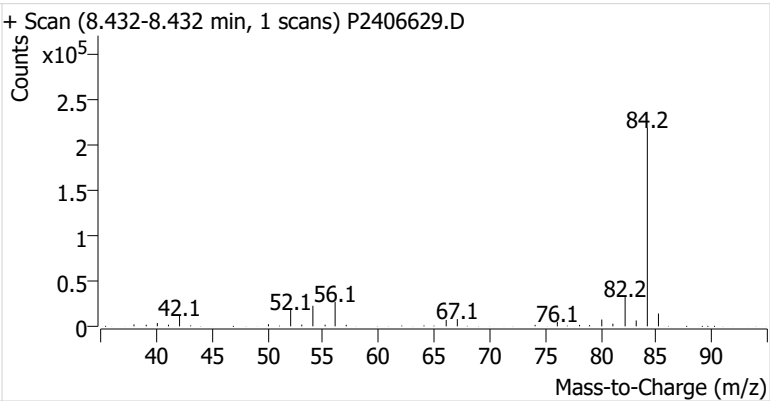
Sample Chromatogram



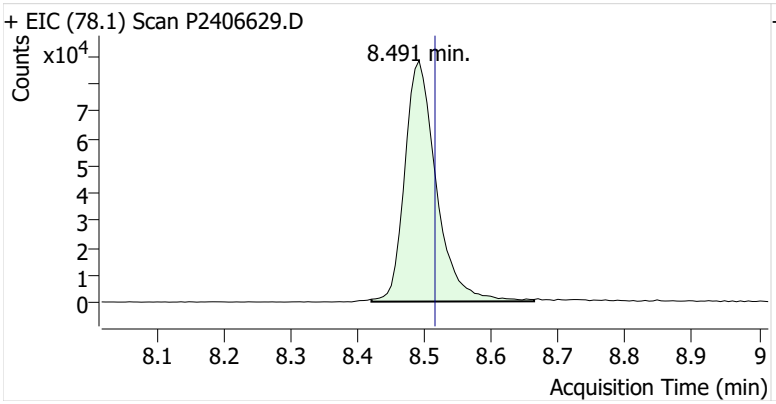
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.432	8.456	714,418	
Benzene	benzene-d6 (IS)	8.491	8.515	289,299	
Toluene-d8 (IS)		11.008	11.032	989,156	
Toluene	Toluene-d8 (IS)	11.097	11.121	1,086,497	
Ethylbenzene	Toluene-d8 (IS)	13.234	13.252	143,921	
m-/p-Xylene	Toluene-d8 (IS)	13.430	13.459	356,984	
o-Xylene	Toluene-d8 (IS)	13.904	13.922	131,419	

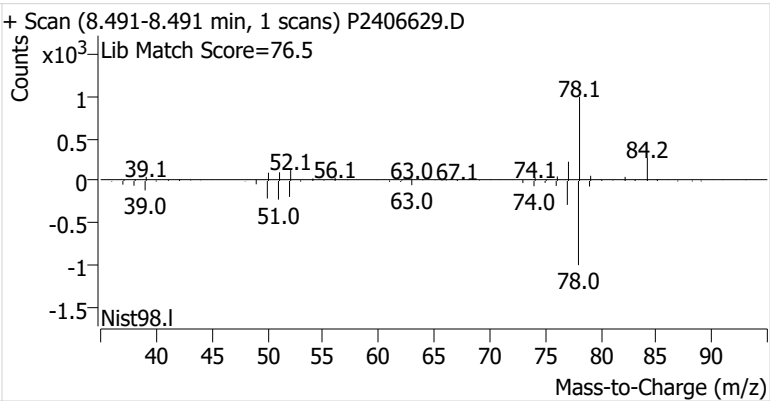
benzene-d6 (IS)



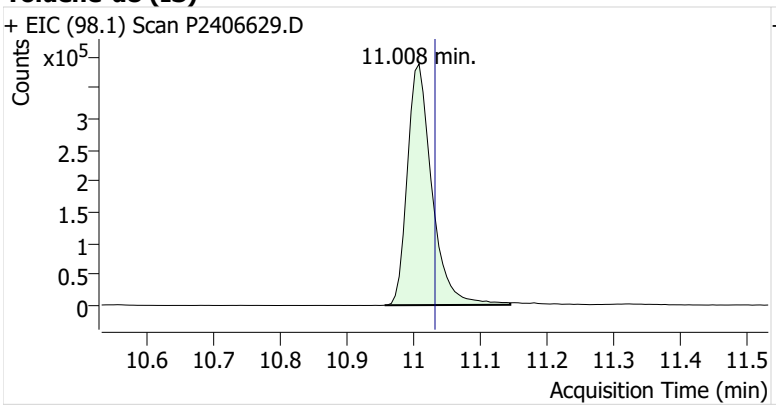


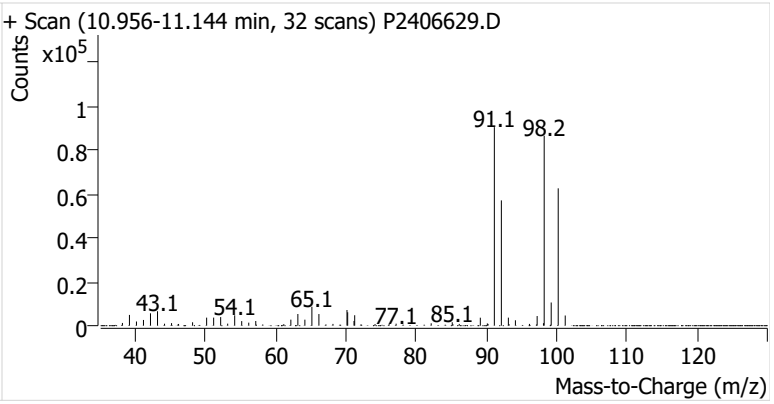
Benzene



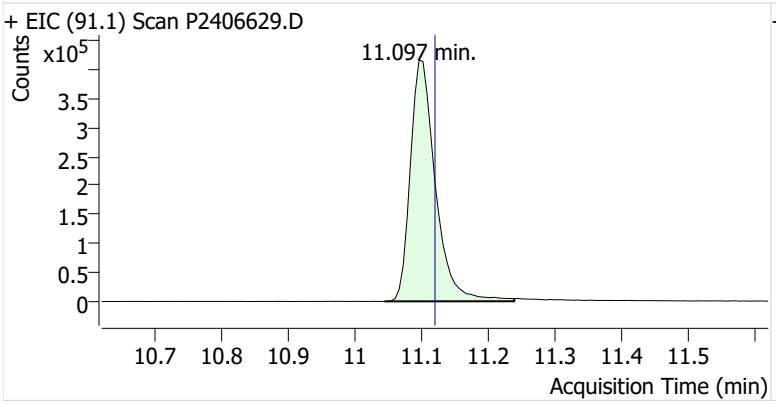


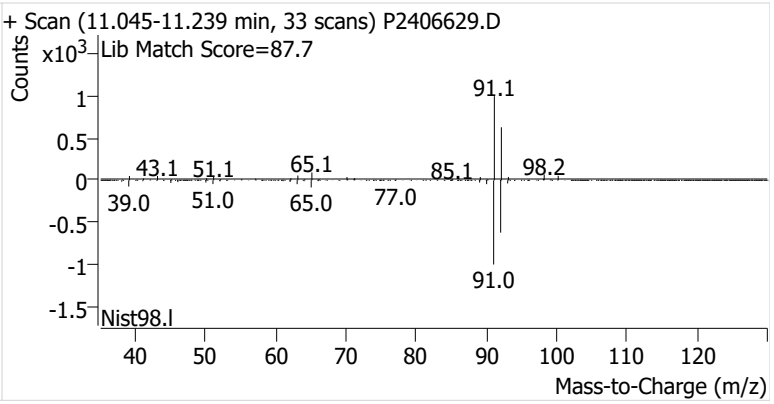
Toluene-d8 (IS)



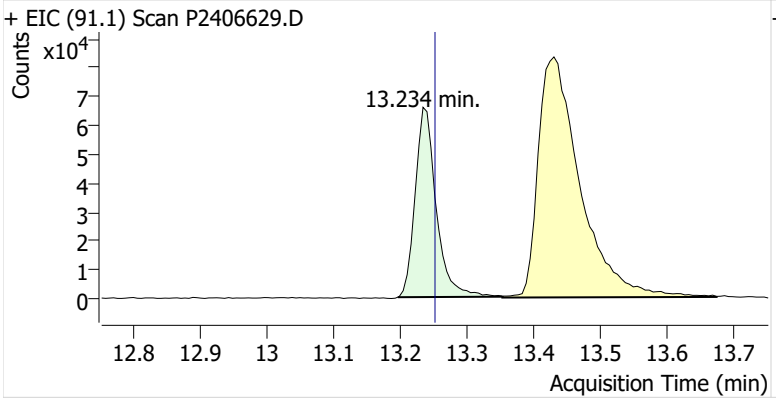


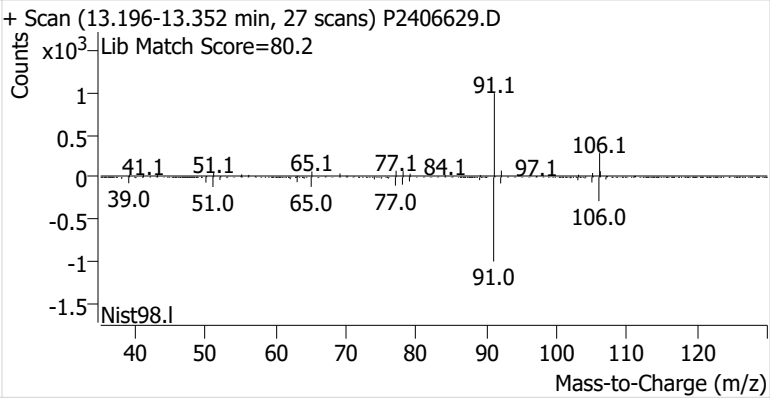
Toluene



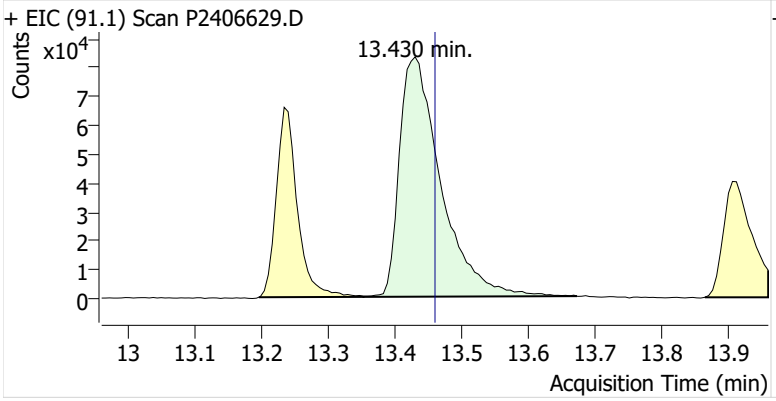


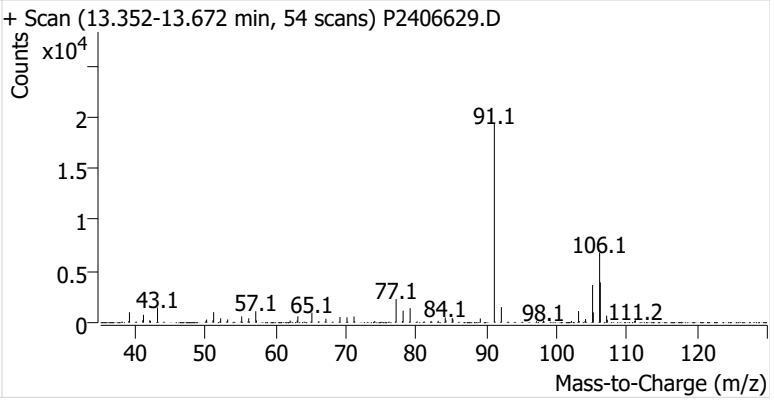
Ethylbenzene



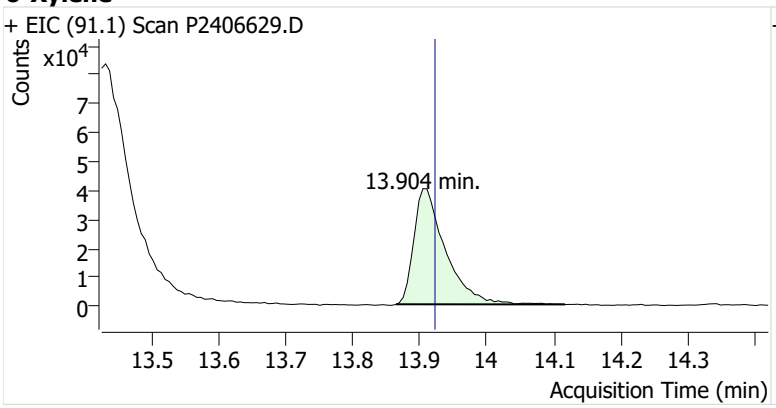


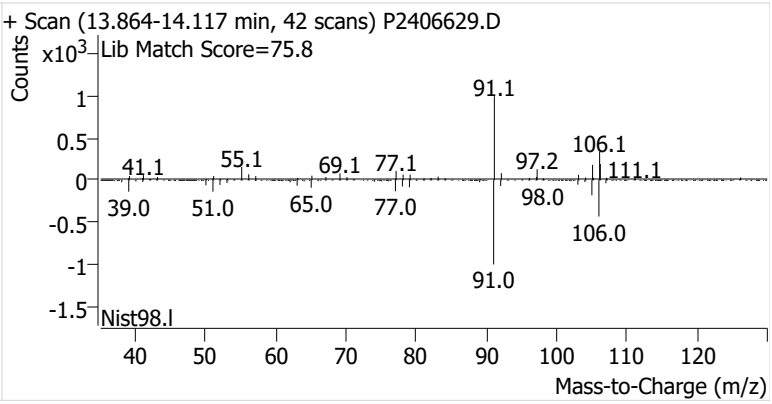
m-/p-Xylene





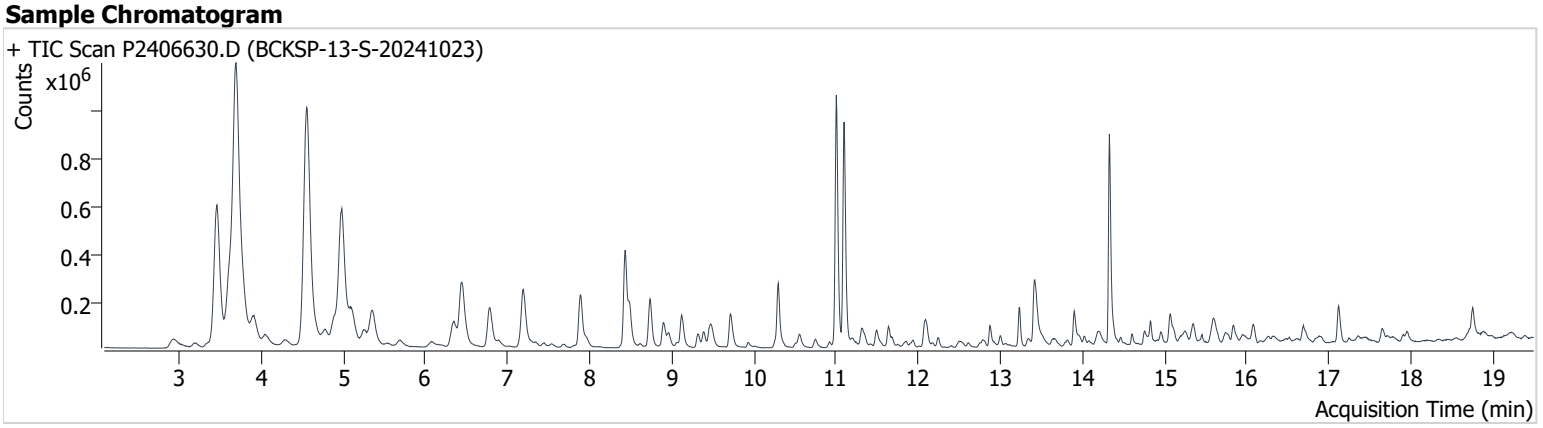
o-Xylene


+ EIC (91.1) Scan P2406629.D
Counts
x10^4
13.904 min.
Acquisition Time (min)


+ Scan (13.864-14.117 min, 42 scans) P2406629.D
Lib Match Score=75.8
Counts
x10^3
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

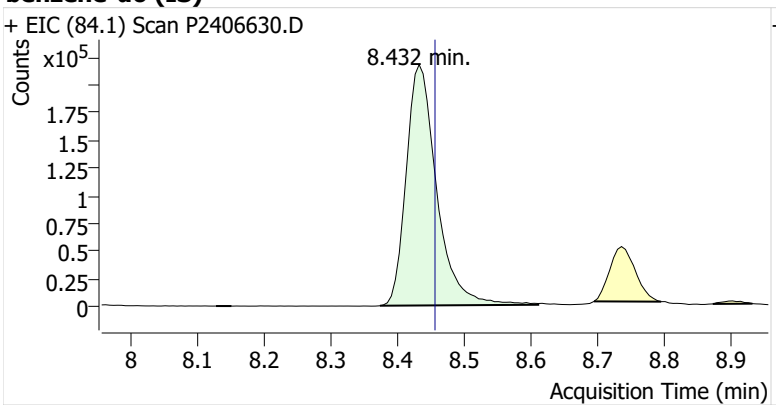
Name	BCKSP-13-S-20241023
Comment	C37420
Data File	P2406630.D
Acq. Date-Time	11/13/2024 1:32:59 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

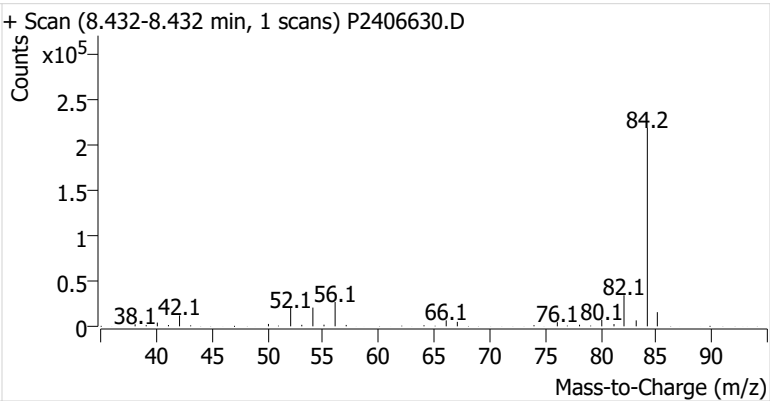
Sample Chromatogram



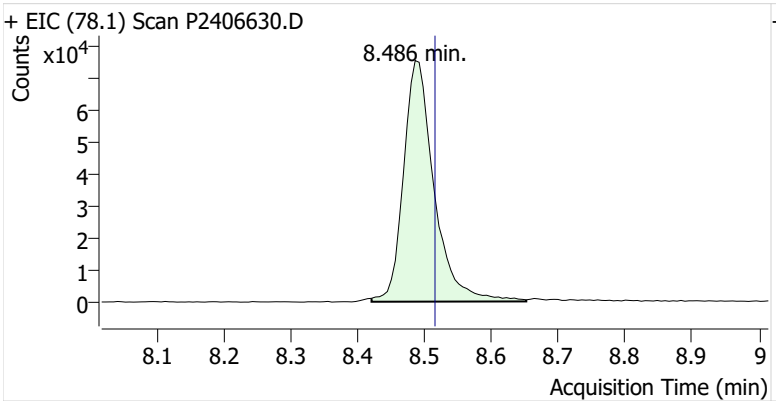
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.432	8.456	689,514	
Benzene	benzene-d6 (IS)	8.486	8.515	241,132	
Toluene-d8 (IS)		11.002	11.032	1,008,847	
Toluene	Toluene-d8 (IS)	11.097	11.121	979,542	
Ethylbenzene	Toluene-d8 (IS)	13.234	13.252	149,104	
m-/p-Xylene	Toluene-d8 (IS)	13.418	13.459	352,389	
o-Xylene	Toluene-d8 (IS)	13.899	13.922	137,178	

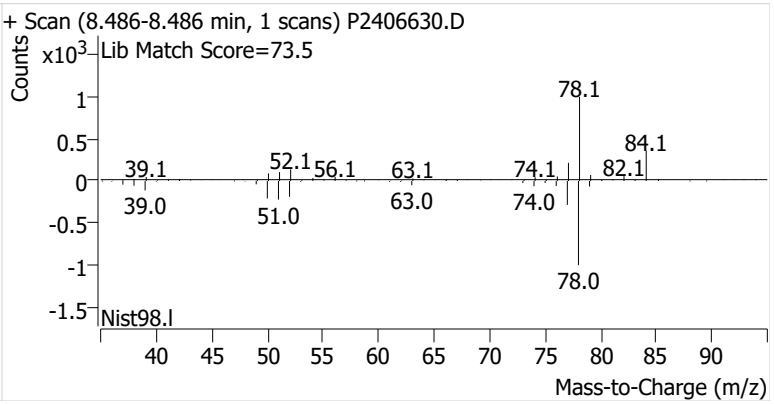
benzene-d6 (IS)



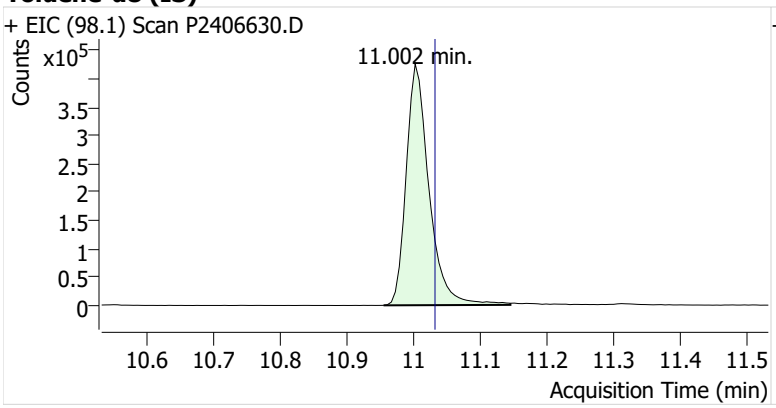


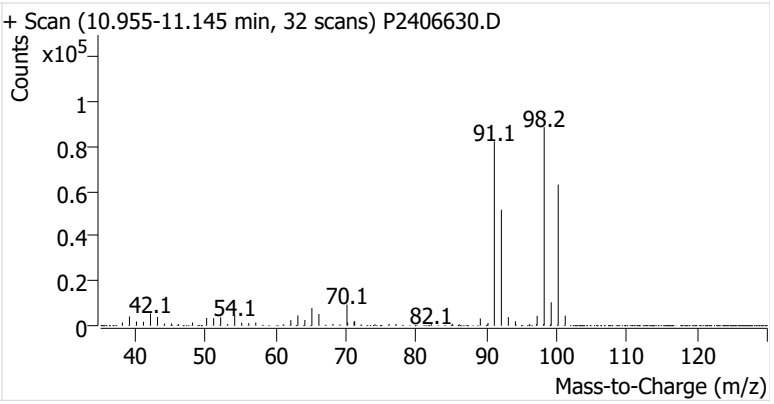
Benzene



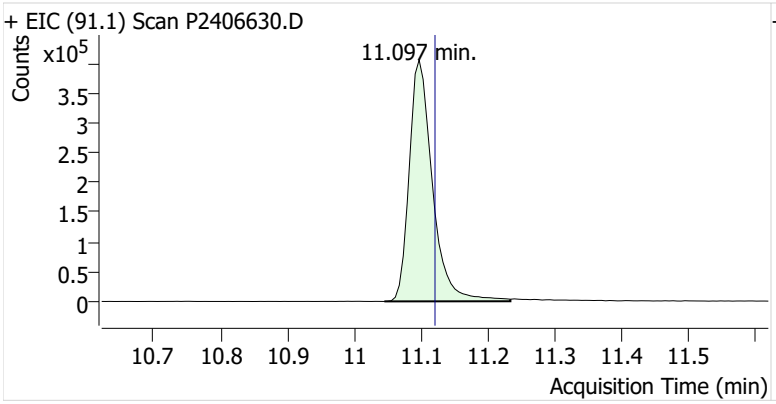


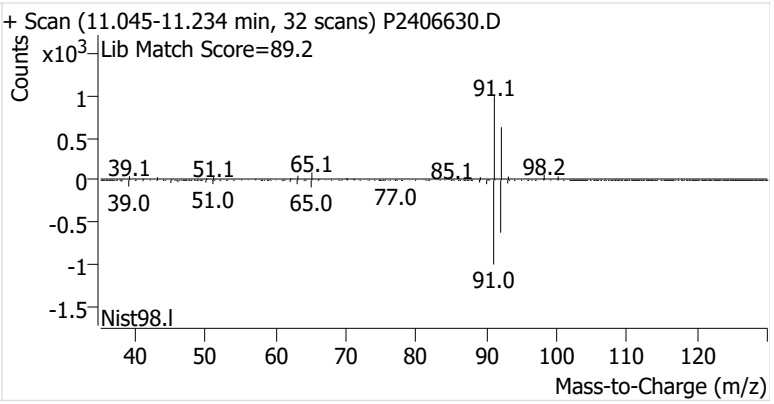
Toluene-d8 (IS)



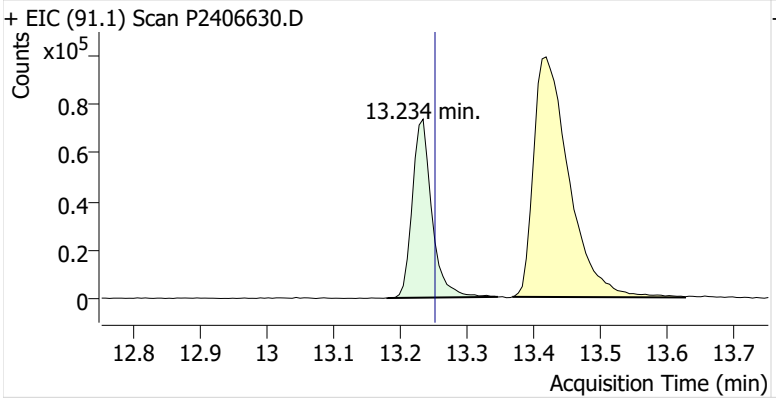


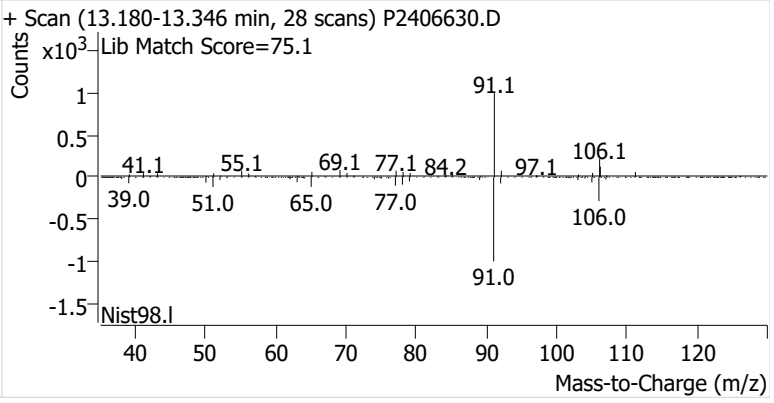
Toluene



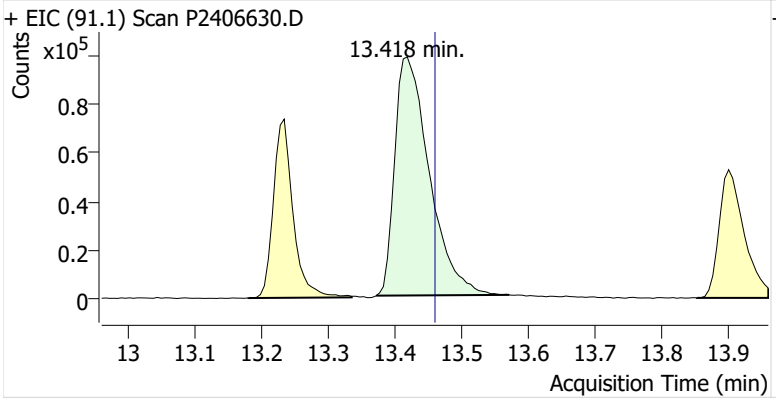


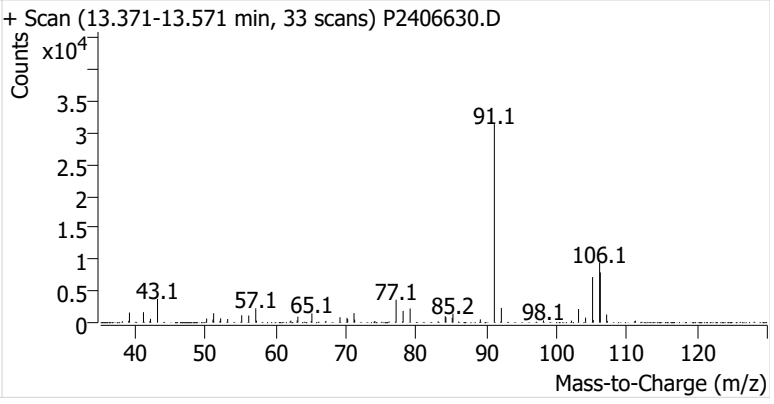
Ethylbenzene



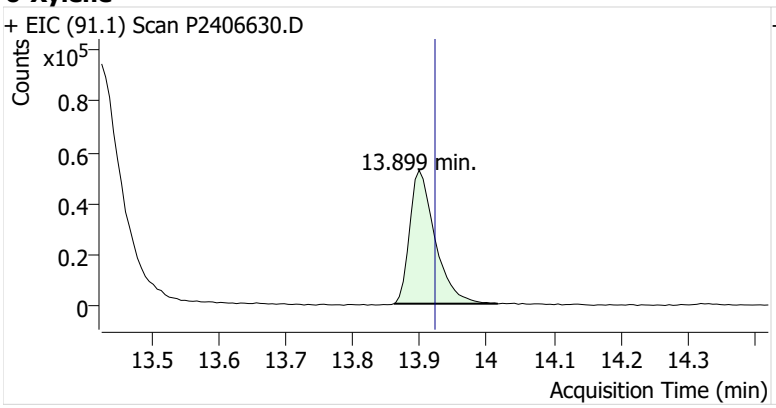


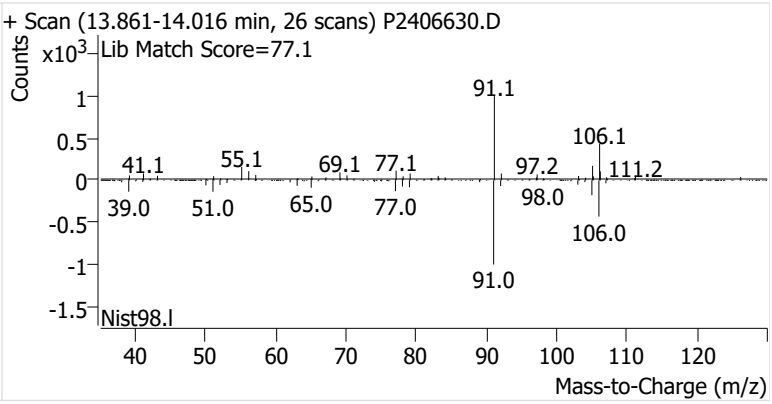
m-/p-Xylene





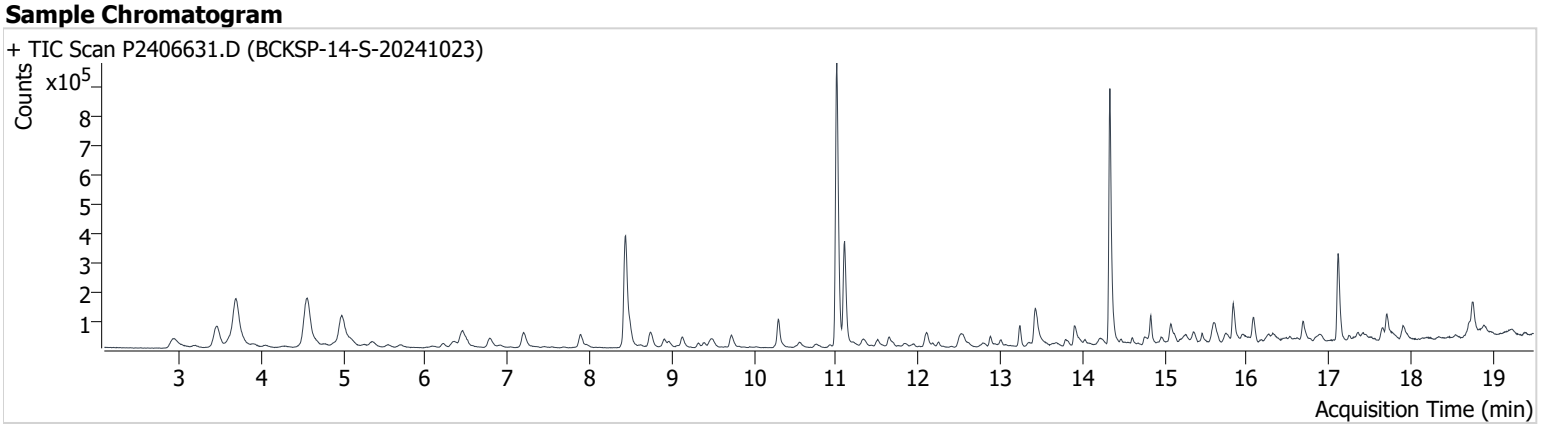
o-Xylene


+ EIC (91.1) Scan P2406630.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.899 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.861-14.016 min, 26 scans) P2406630.D
Counts
x10^3
Lib Match Score=77.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

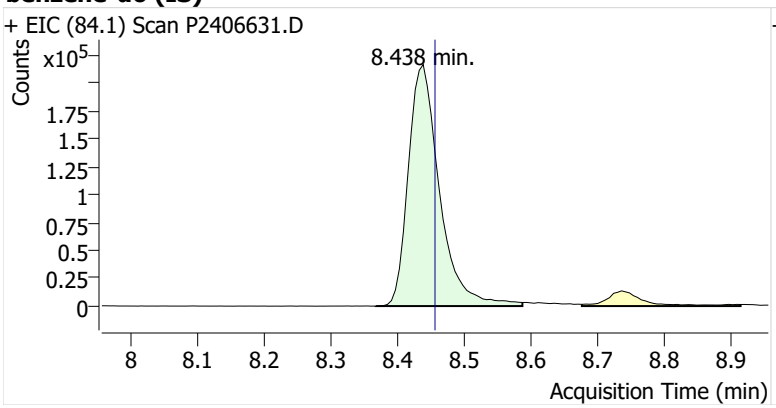
Name	BCKSP-14-S-20241023
Comment	C43641
Data File	P2406631.D
Acq. Date-Time	11/13/2024 2:10:18 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

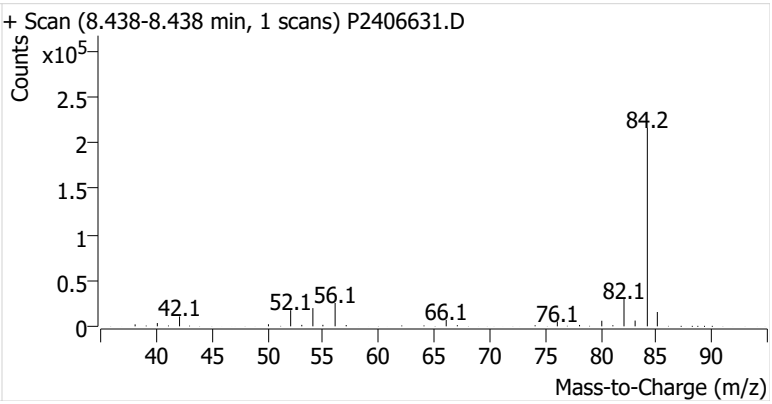
Sample Chromatogram



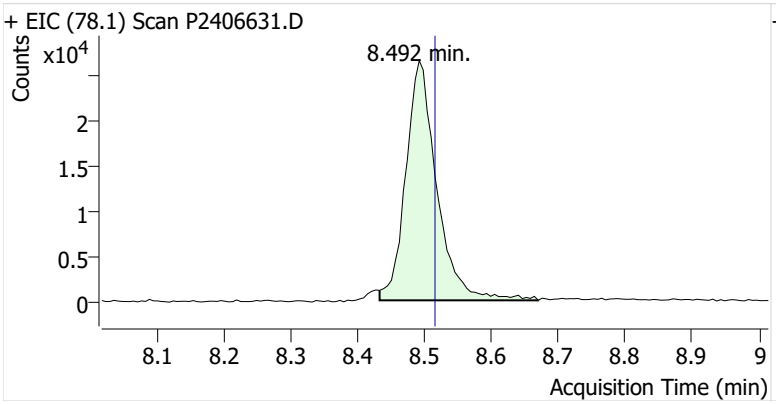
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.438	8.456	701,429	
Benzene	benzene-d6 (IS)	8.492	8.515	84,833	
Toluene-d8 (IS)		11.008	11.032	1,011,416	
Toluene	Toluene-d8 (IS)	11.103	11.121	391,476	
Ethylbenzene	Toluene-d8 (IS)	13.234	13.252	66,496	
m-/p-Xylene	Toluene-d8 (IS)	13.424	13.459	175,043	
o-Xylene	Toluene-d8 (IS)	13.899	13.922	75,703	

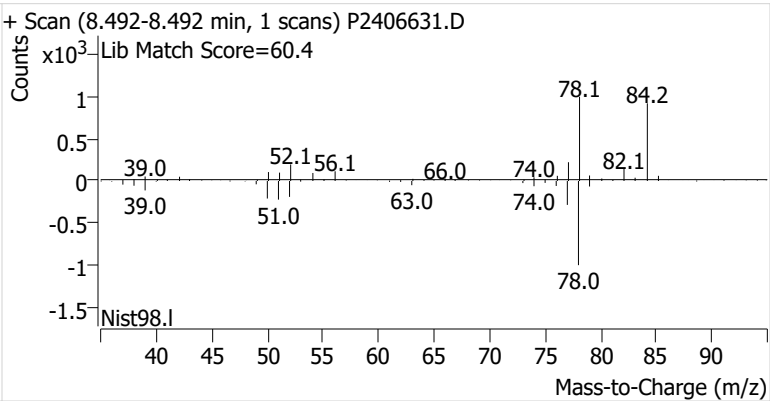
benzene-d6 (IS)



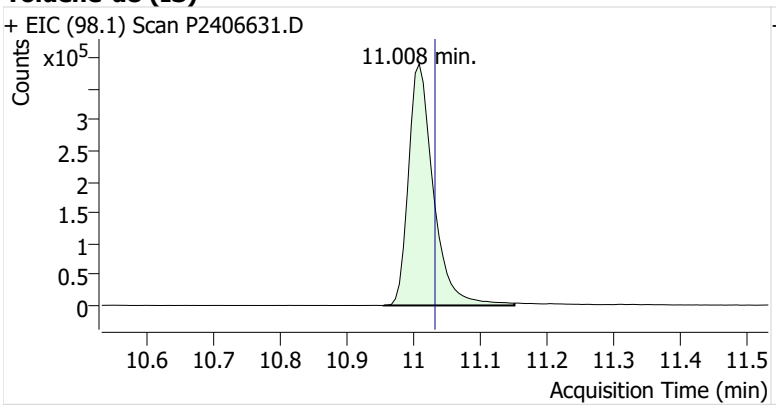


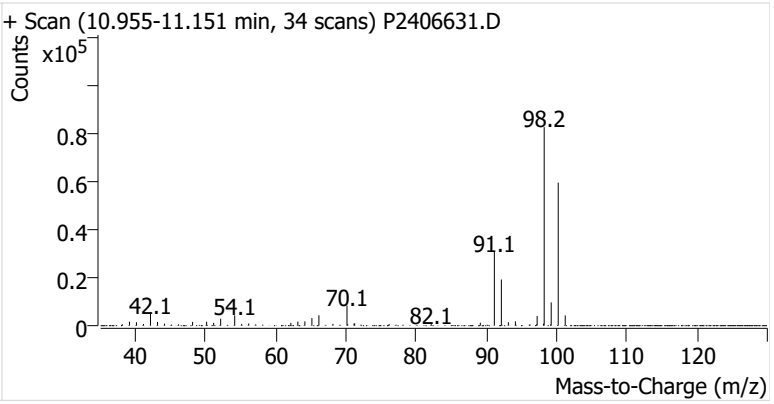
Benzene



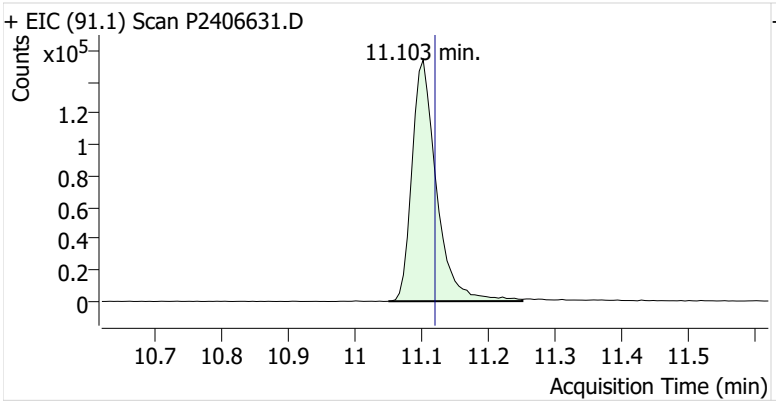


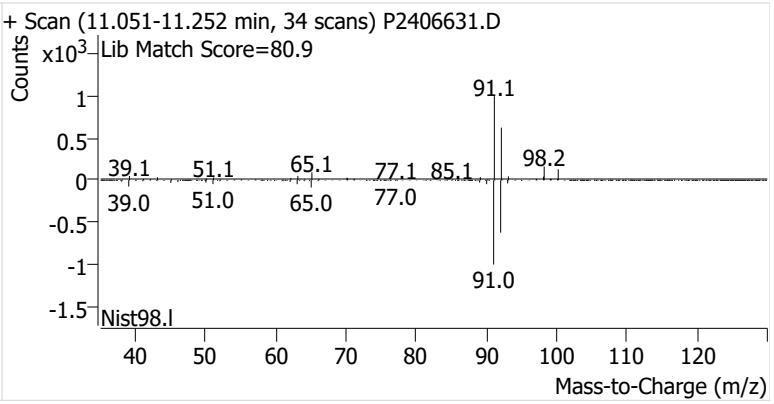
Toluene-d8 (IS)



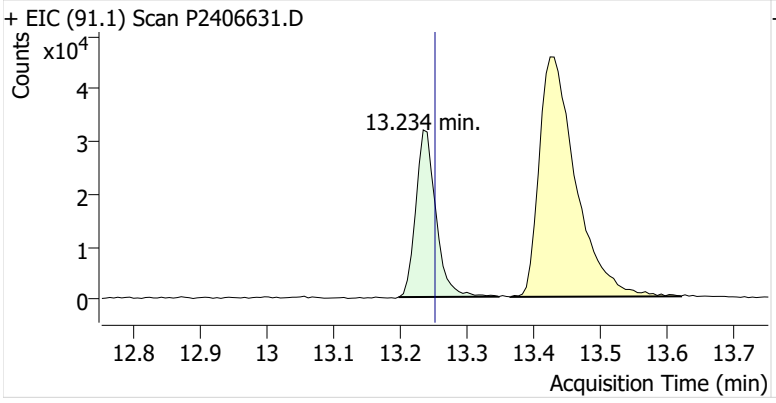


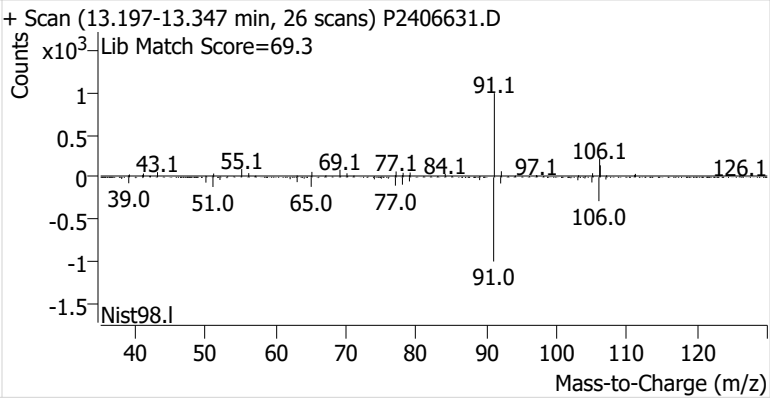
Toluene



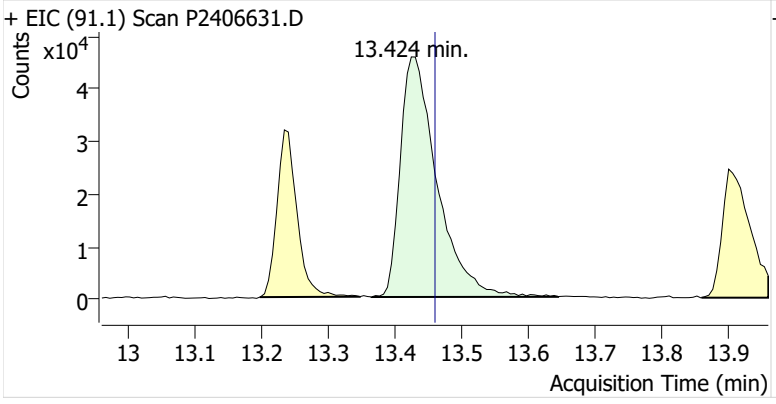


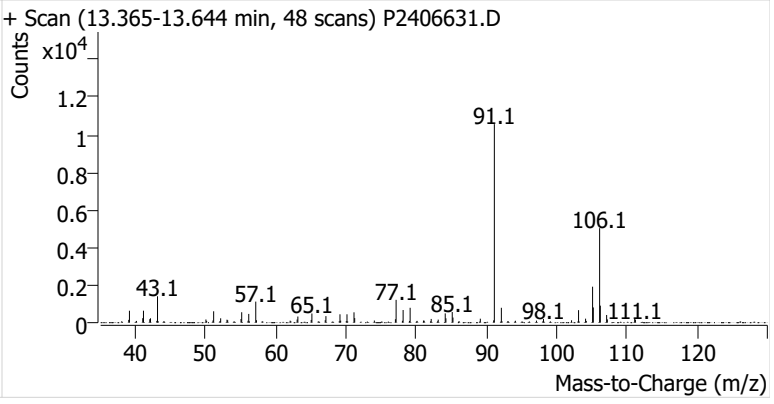
Ethylbenzene



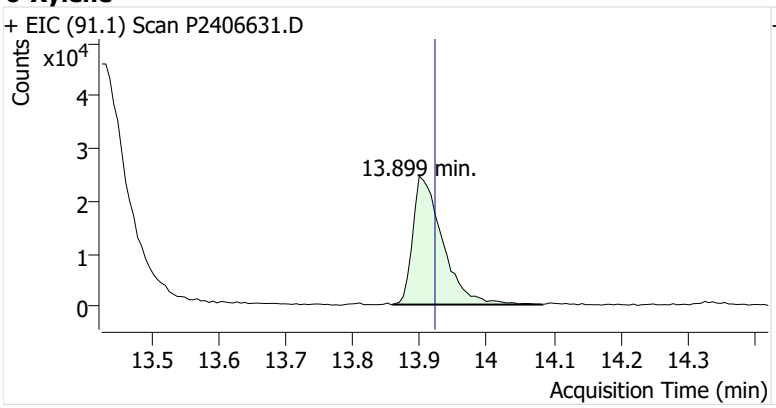


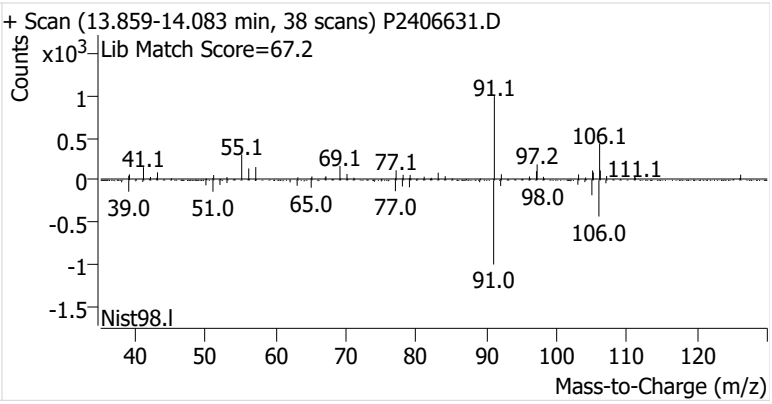
m-/p-Xylene





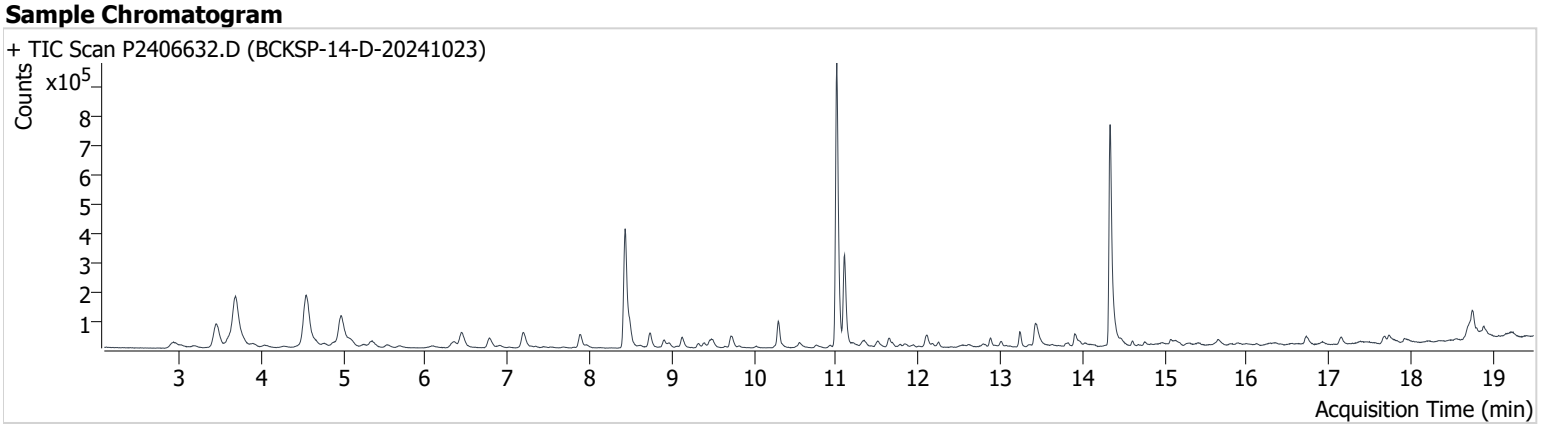
o-Xylene


+ EIC (91.1) Scan P2406631.D
Counts
x10^4
4
3
2
1
0
13.899 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.859-14.083 min, 38 scans) P2406631.D
Counts
x10^3
Lib Match Score=67.2
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
77.1
97.2
106.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

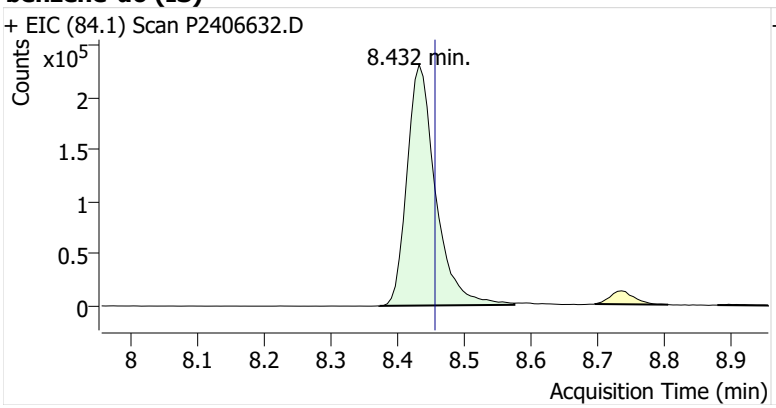
Name	BCKSP-14-D-20241023
Comment	B47158
Data File	P2406632.D
Acq. Date-Time	11/13/2024 2:47:37 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

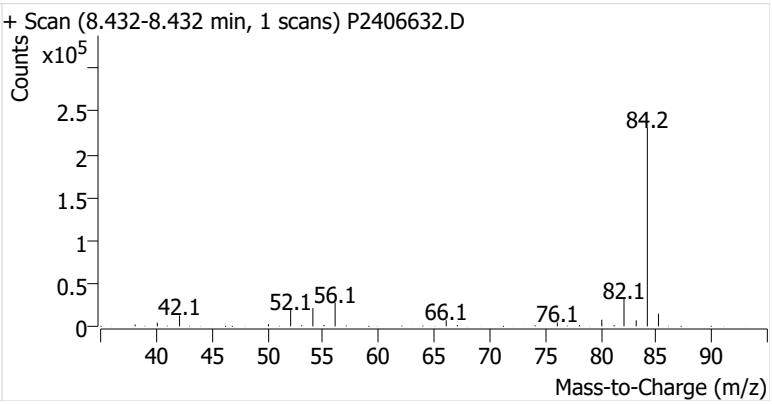
Sample Chromatogram



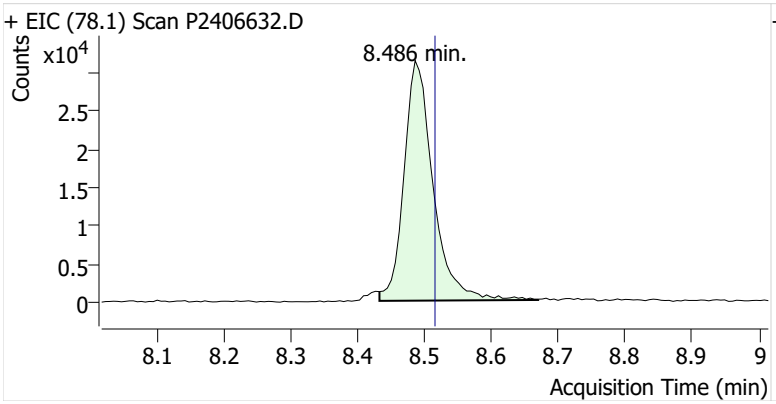
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.432	8.456	682,677	
Benzene	benzene-d6 (IS)	8.486	8.515	95,379	
Toluene-d8 (IS)		11.008	11.032	977,078	
Toluene	Toluene-d8 (IS)	11.103	11.121	331,494	
Ethylbenzene	Toluene-d8 (IS)	13.234	13.252	47,866	
m-/p-Xylene	Toluene-d8 (IS)	13.430	13.459	125,151	
o-Xylene	Toluene-d8 (IS)	13.905	13.922	53,959	

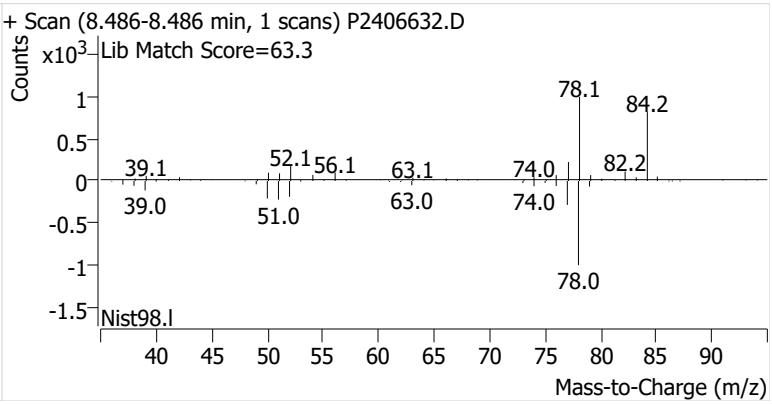
benzene-d6 (IS)



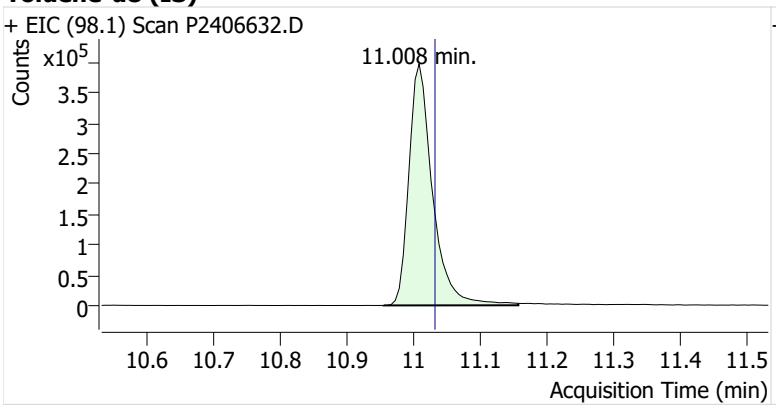


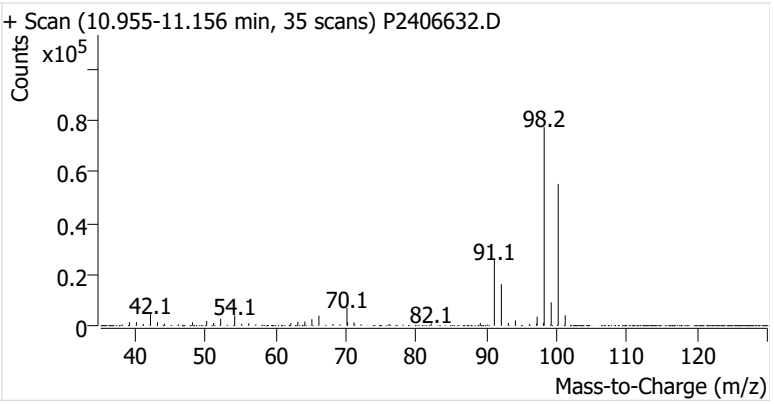
Benzene



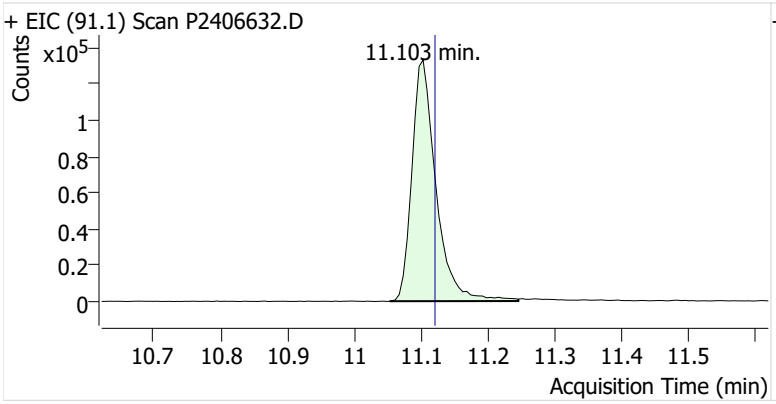


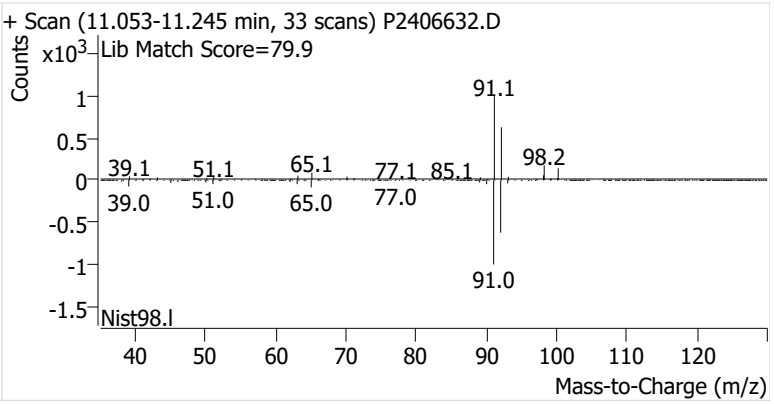
Toluene-d8 (IS)



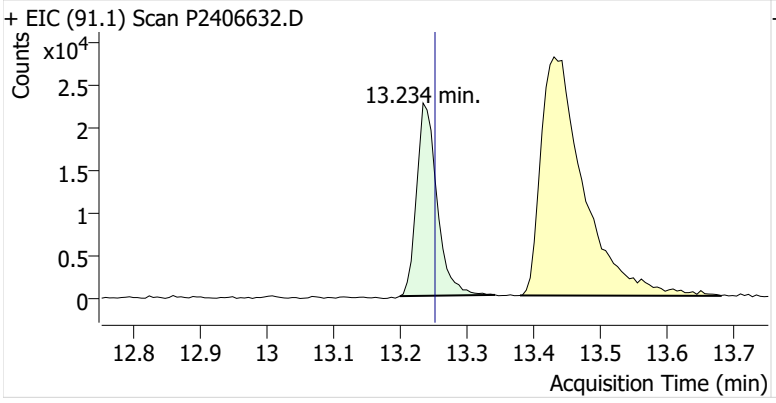


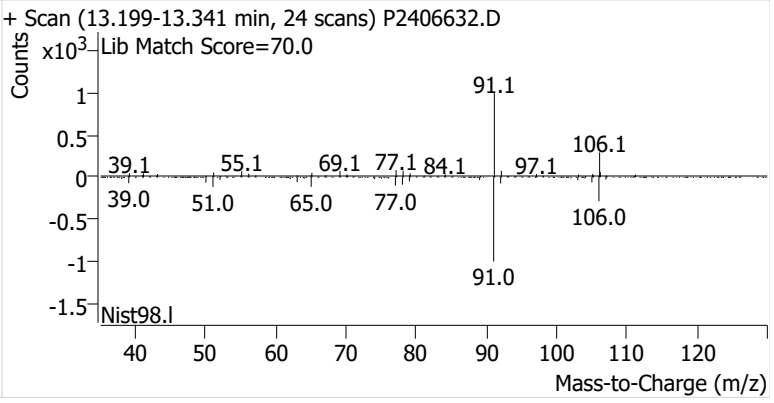
Toluene



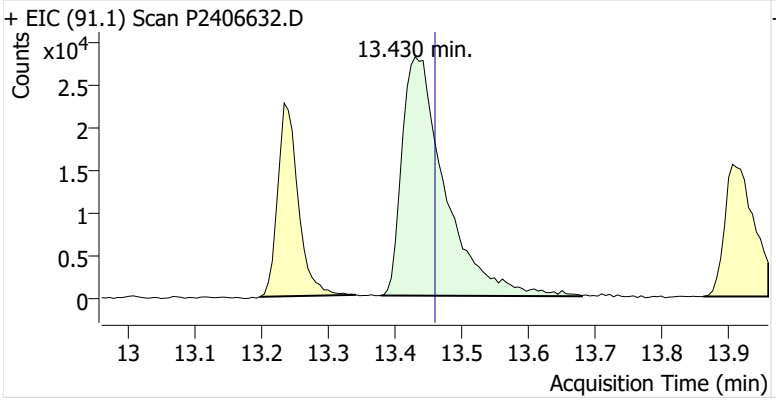


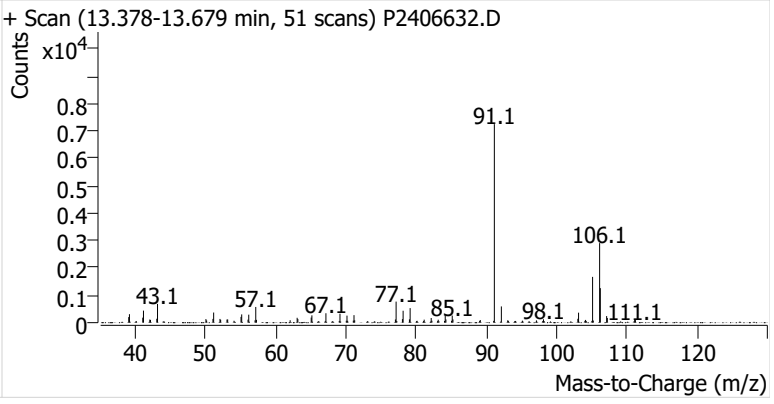
Ethylbenzene



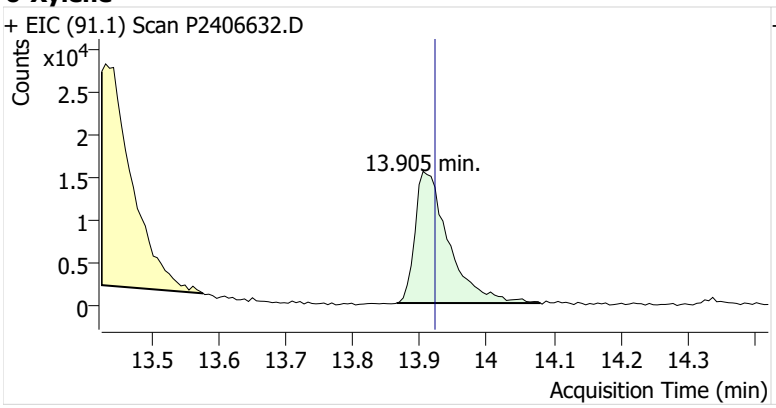


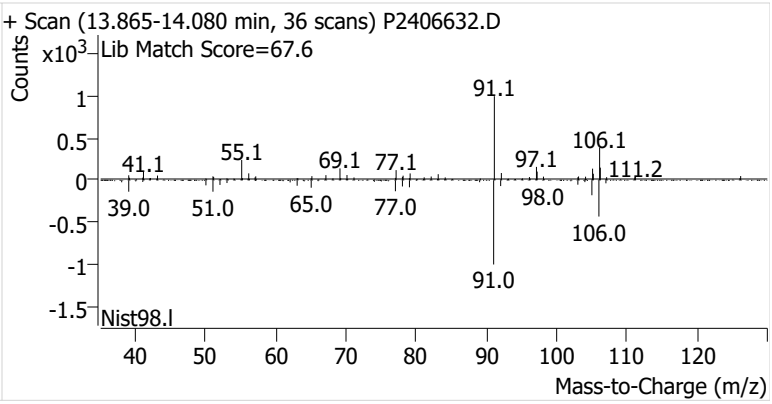
m-/p-Xylene





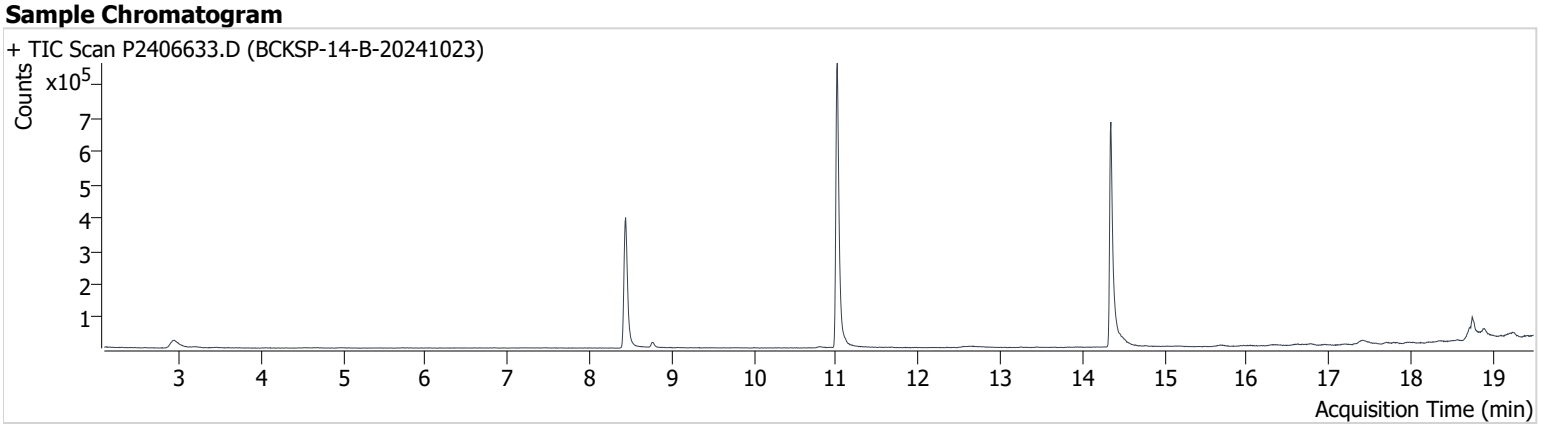
o-Xylene


+ EIC (91.1) Scan P2406632.D
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.905 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.865-14.080 min, 36 scans) P2406632.D
Counts
x10^3
Lib Match Score=67.6
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

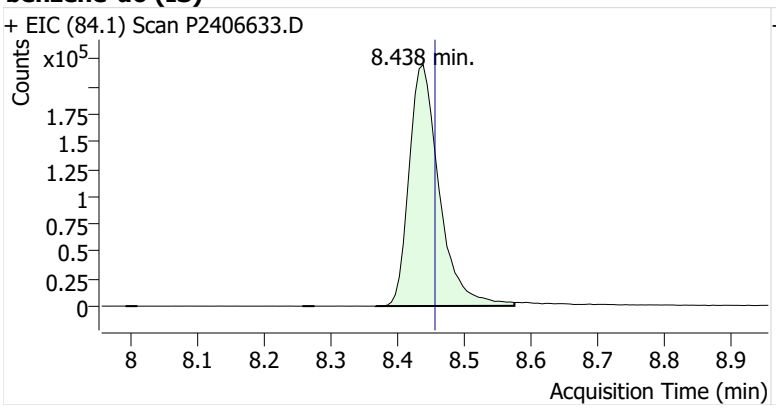
Name	BCKSP-14-B-20241023
Comment	B40439
Data File	P2406633.D
Acq. Date-Time	11/13/2024 3:24:58 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

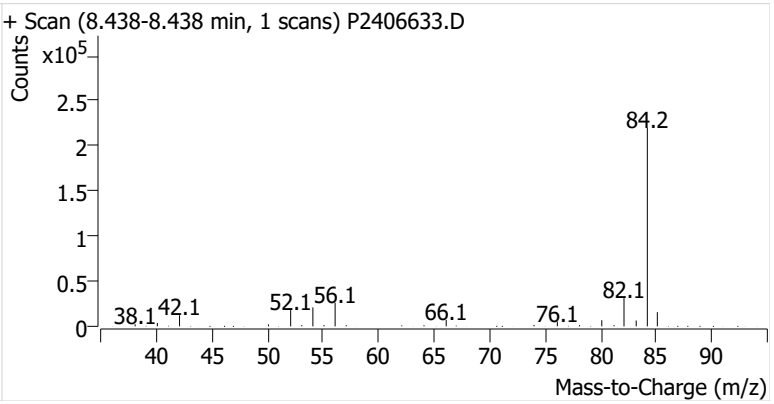
Sample Chromatogram



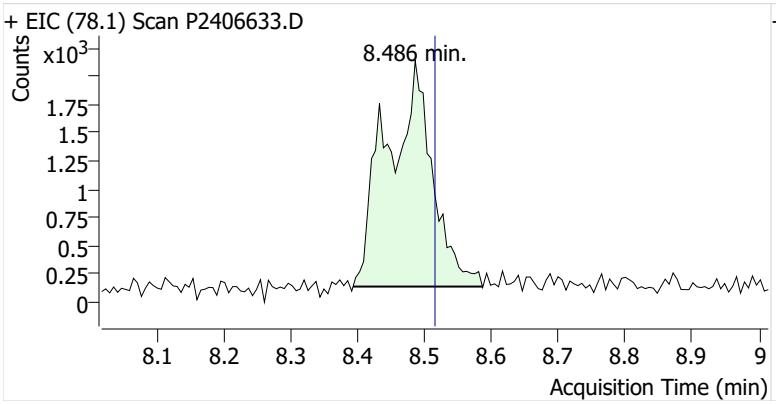
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.438	8.456	689,251	
Benzene	benzene-d6 (IS)	8.486	8.515	9,446	
Toluene-d8 (IS)		11.014	11.032	955,346	
Toluene	Toluene-d8 (IS)	11.103	11.121	13,027	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	954	
m-/p-Xylene	Toluene-d8 (IS)	13.430	13.459	1,285	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	409	

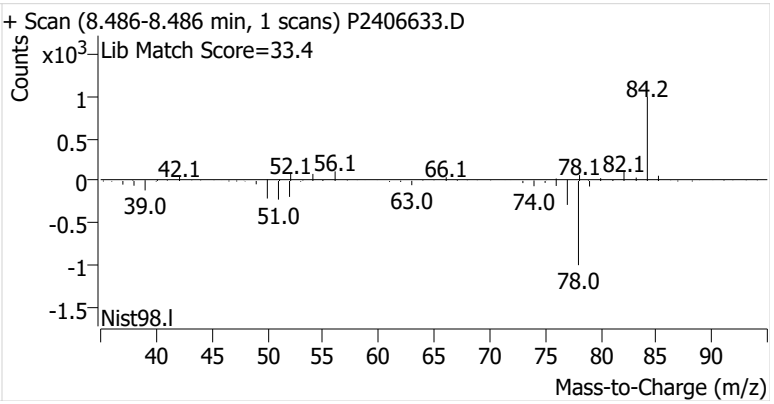
benzene-d6 (IS)



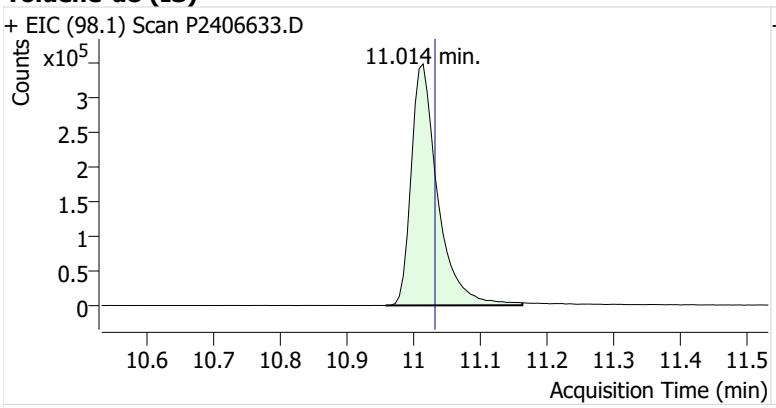


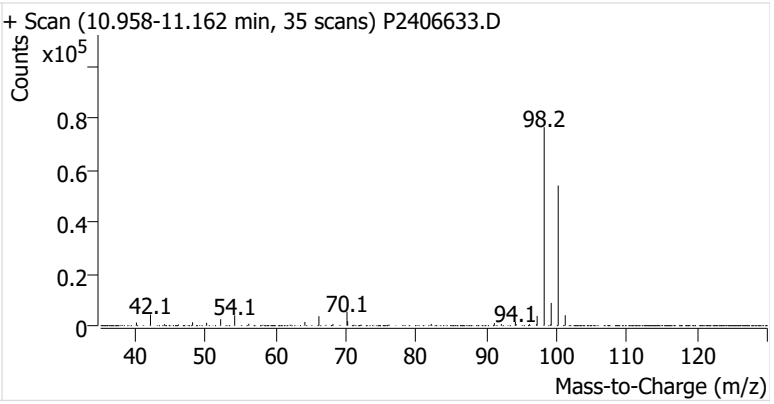
Benzene



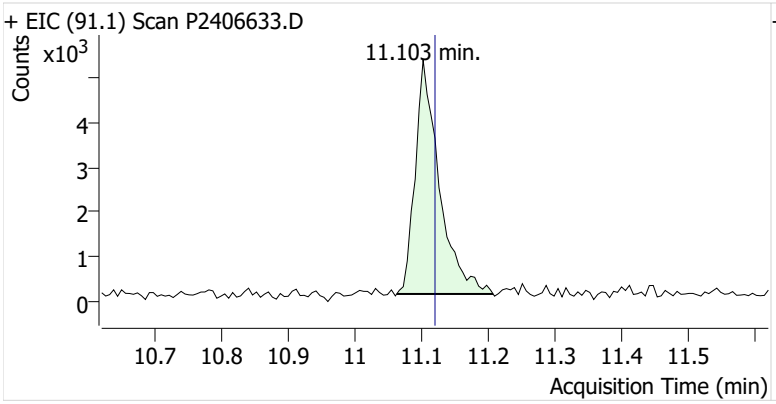


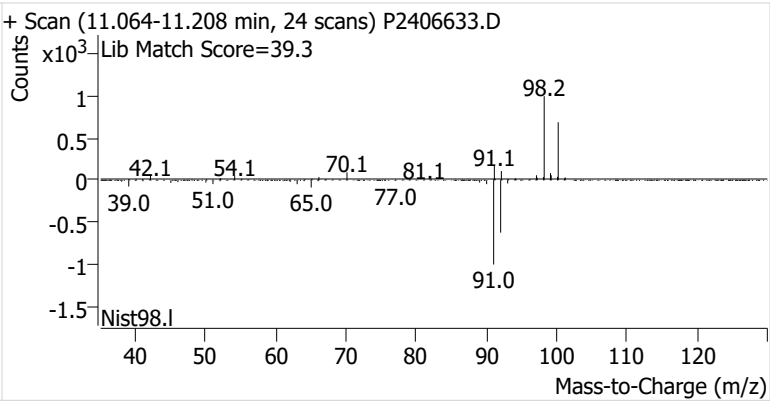
Toluene-d8 (IS)



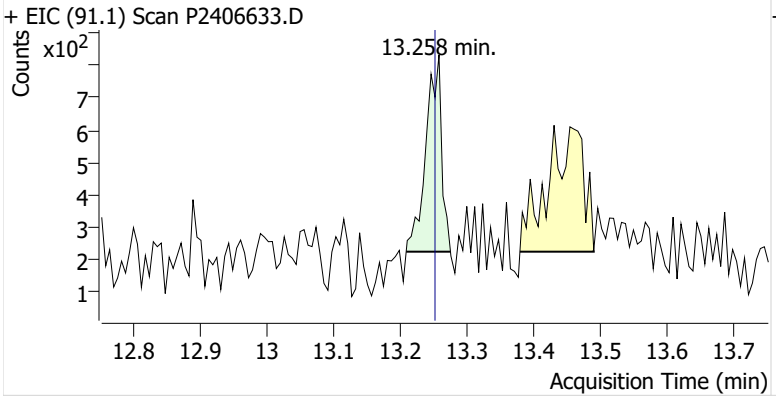


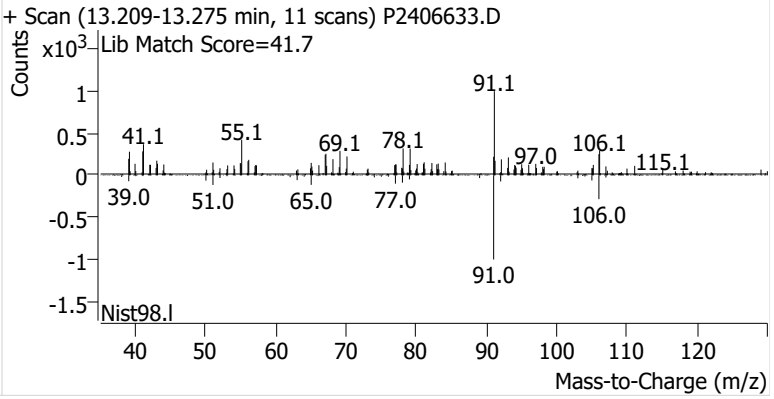
Toluene



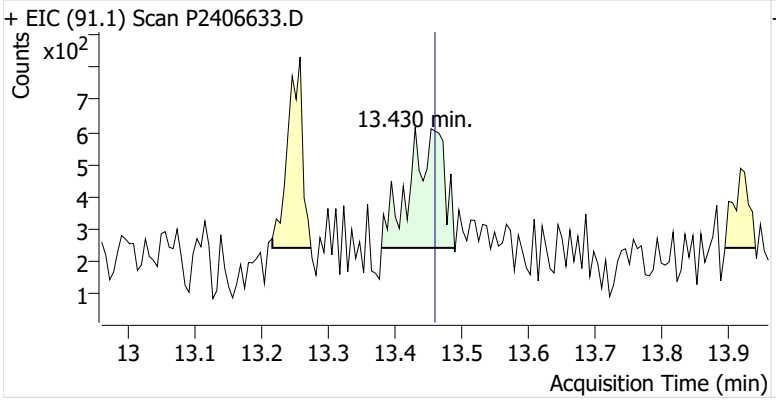


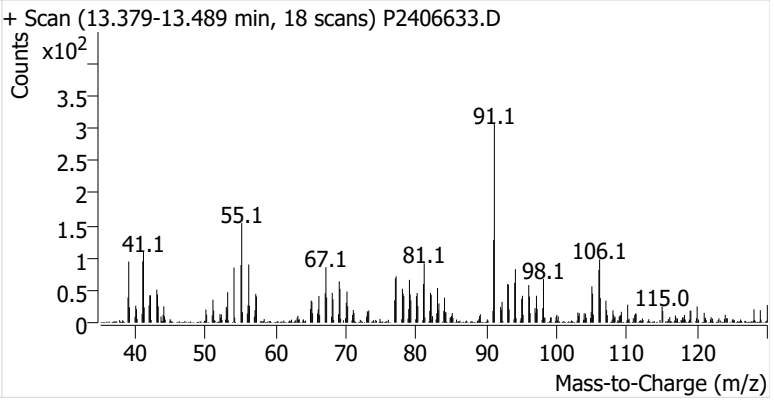
Ethylbenzene



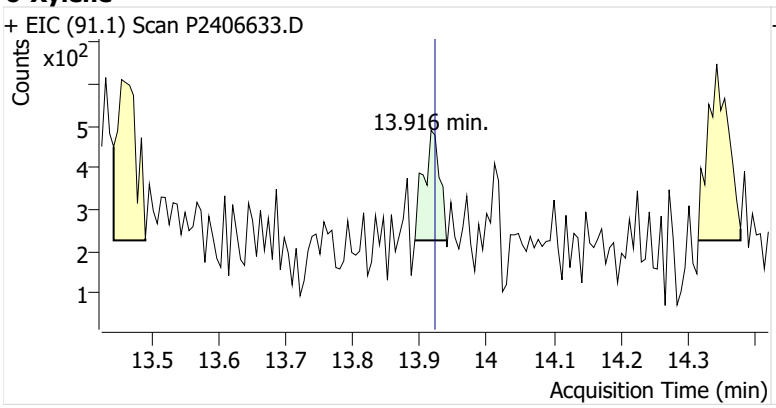


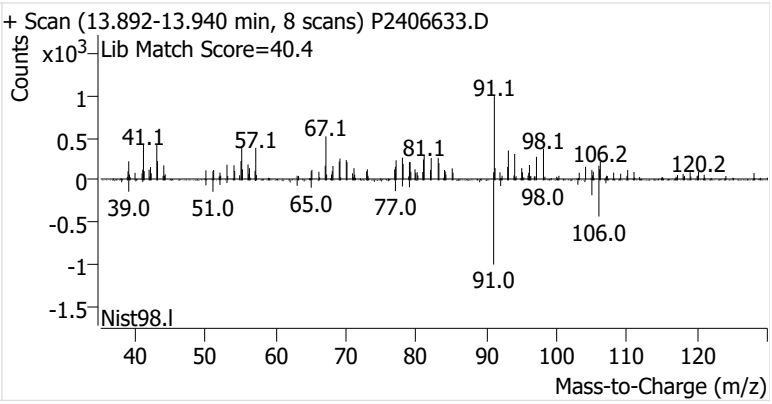
m-/p-Xylene





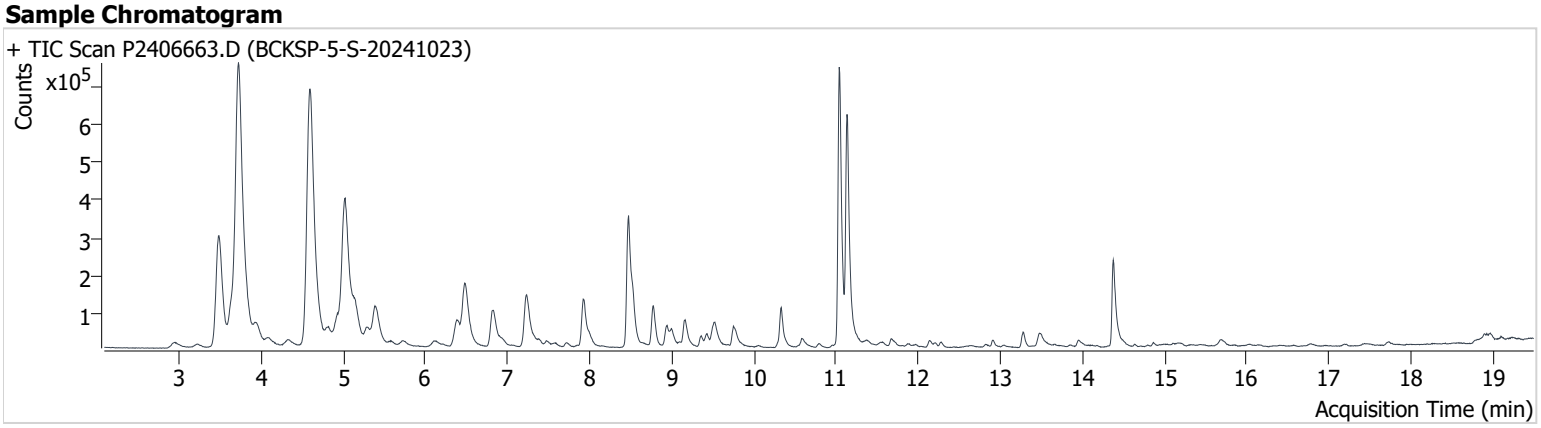
o-Xylene


+ EIC (91.1) Scan P2406633.D
Counts
x10^2
13.916 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.892-13.940 min, 8 scans) P2406633.D
Lib Match Score=40.4
Counts
x10^3
91.1
41.1
57.1
67.1
81.1
98.1
106.2
120.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

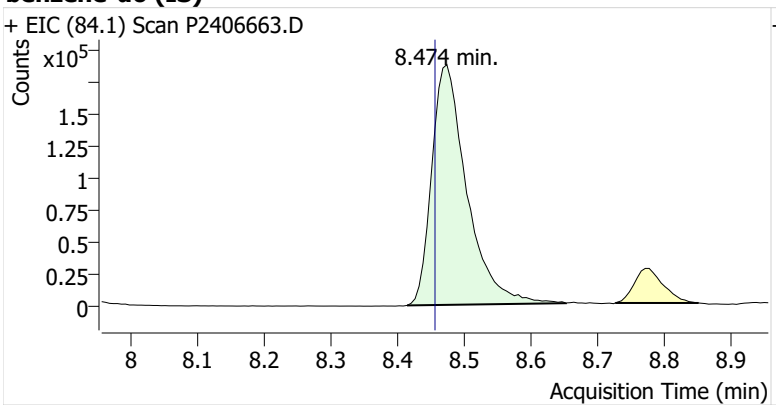
Name	BCKSP-5-S-20241023
Comment	B43095; Recollect
Data File	P2406663.D
Acq. Date-Time	11/15/2024 12:22:41 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

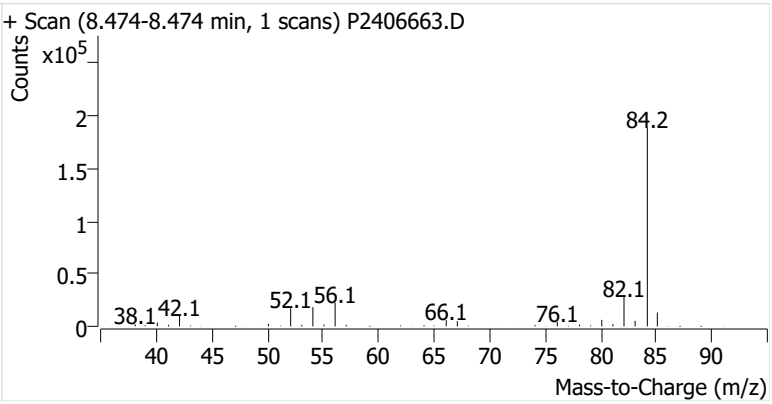
Sample Chromatogram



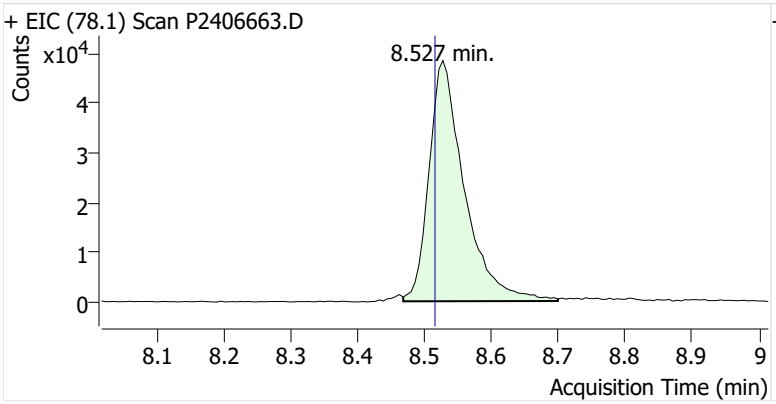
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	684,334	
Benzene	benzene-d6 (IS)	8.527	8.515	178,055	
Toluene-d8 (IS)		11.038	11.032	961,520	
Toluene	Toluene-d8 (IS)	11.133	11.121	832,208	
Ethylbenzene	Toluene-d8 (IS)	13.275	13.252	60,877	
m-/p-Xylene	Toluene-d8 (IS)	13.489	13.459	65,094	
o-Xylene	Toluene-d8 (IS)	13.946	13.922	30,418	

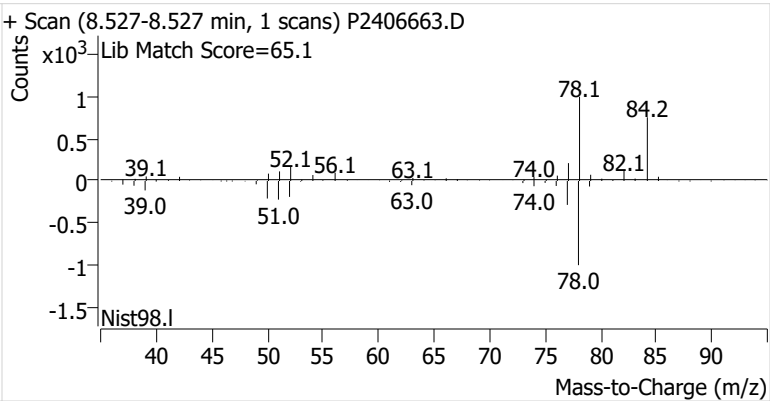
benzene-d6 (IS)



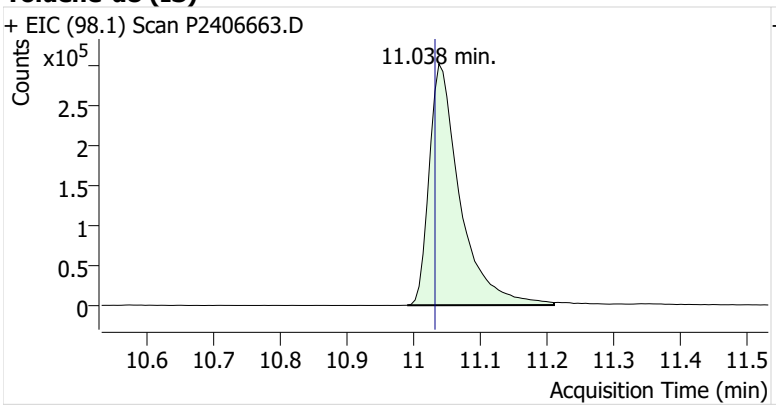


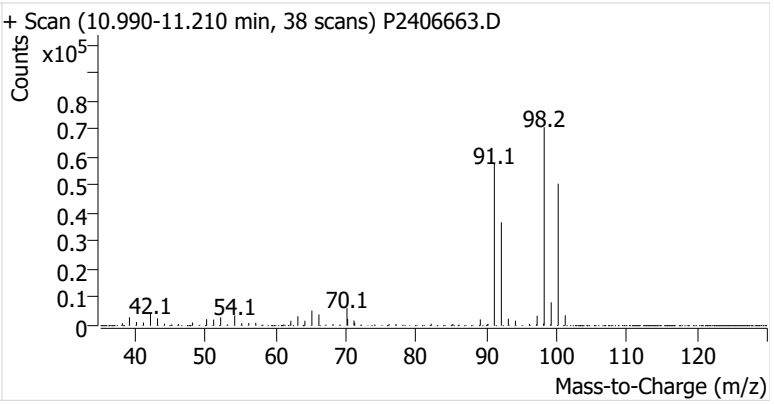
Benzene



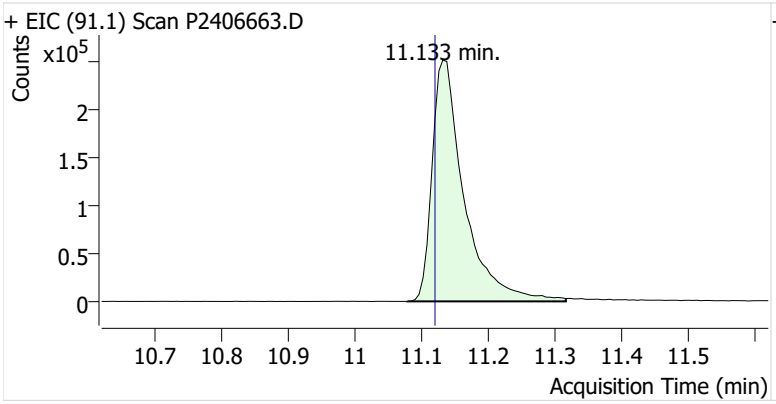


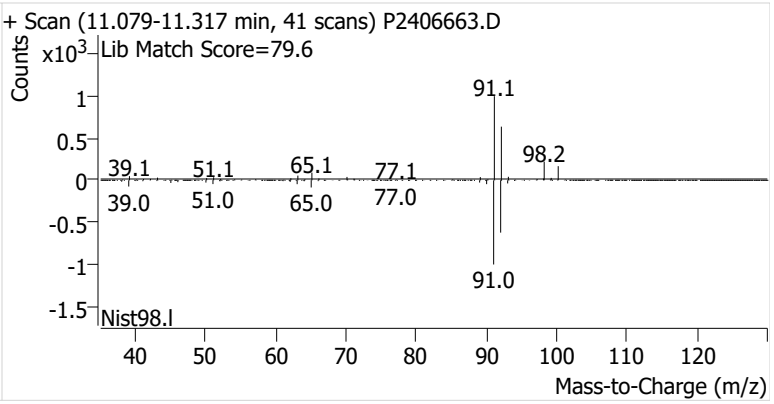
Toluene-d8 (IS)



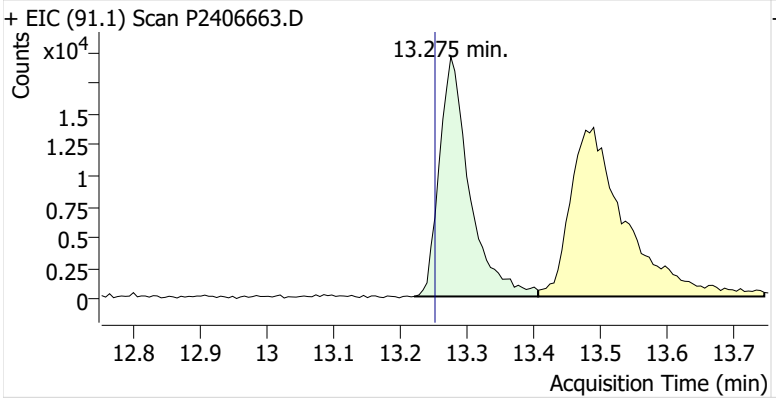


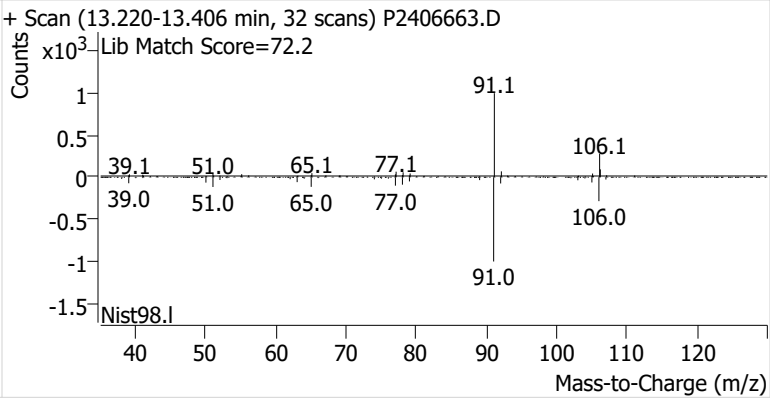
Toluene



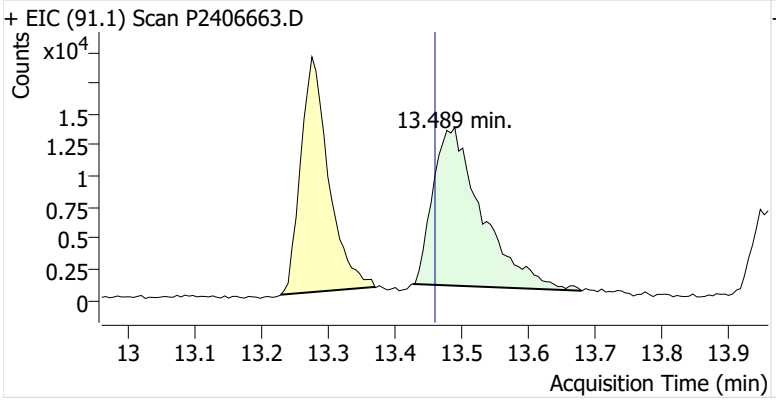


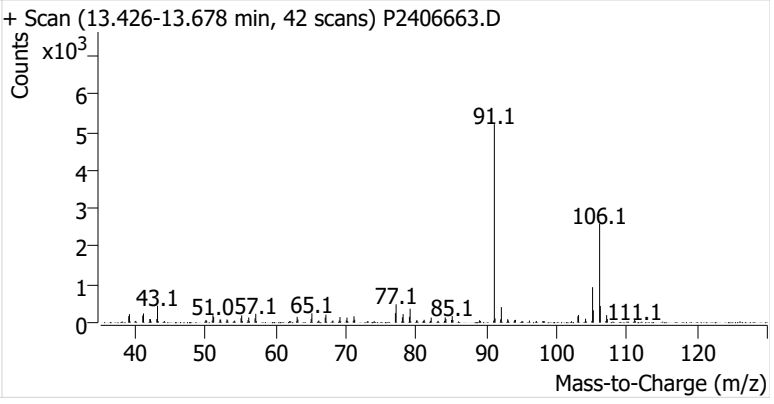
Ethylbenzene



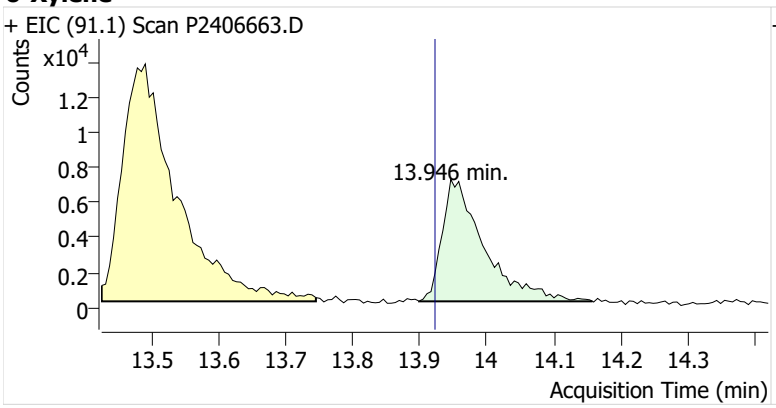


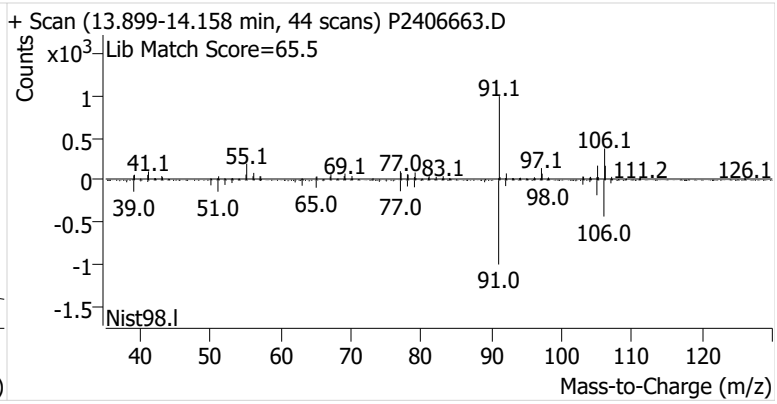
m-/p-Xylene





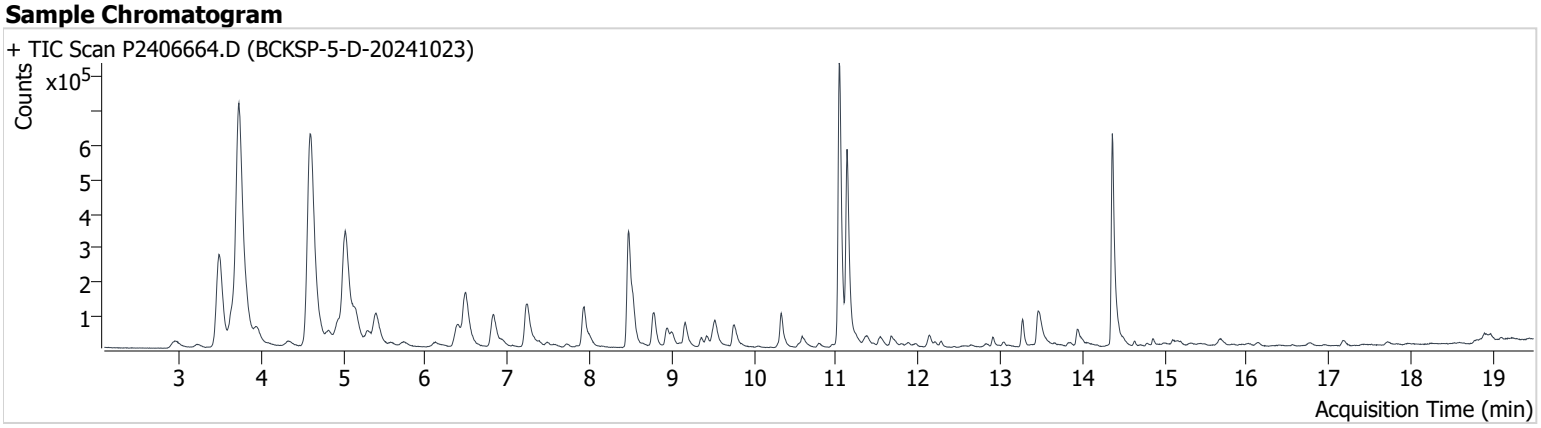
o-Xylene


+ EIC (91.1) Scan P2406663.D
Counts
x10^4
1.2
1
0.8
0.6
0.4
0.2
0
13.946 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.899-14.158 min, 44 scans) P2406663.D
Lib Match Score=65.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.0
83.1
97.1
111.2
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

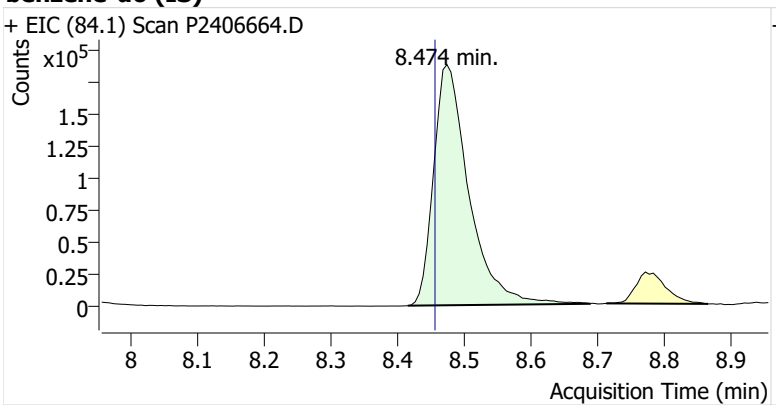
Name	BCKSP-5-D-20241023
Comment	C40559; Recollect
Data File	P2406664.D
Acq. Date-Time	11/15/2024 12:57:43 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

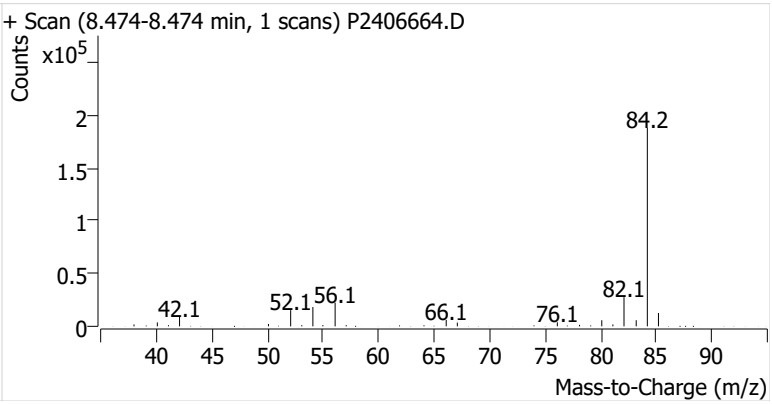
Sample Chromatogram



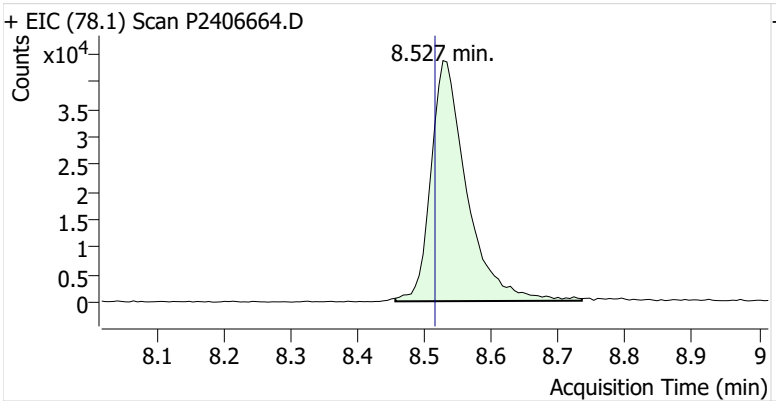
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	686,728	
Benzene	benzene-d6 (IS)	8.527	8.515	163,015	
Toluene-d8 (IS)		11.038	11.032	1,023,900	
Toluene	Toluene-d8 (IS)	11.133	11.121	705,398	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	94,660	
m-/p-Xylene	Toluene-d8 (IS)	13.459	13.459	185,656	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	75,299	

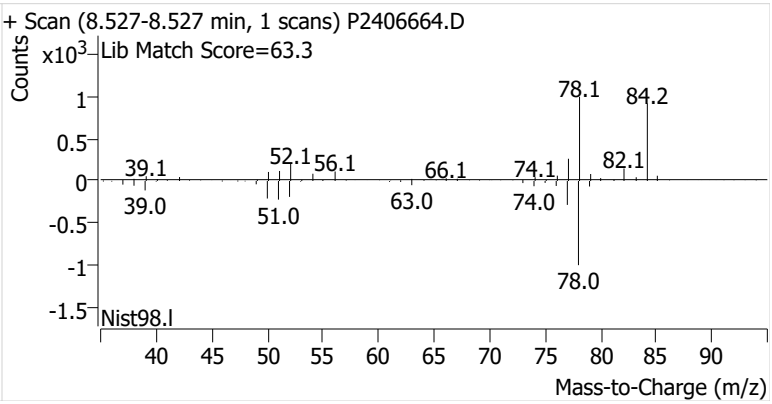
benzene-d6 (IS)



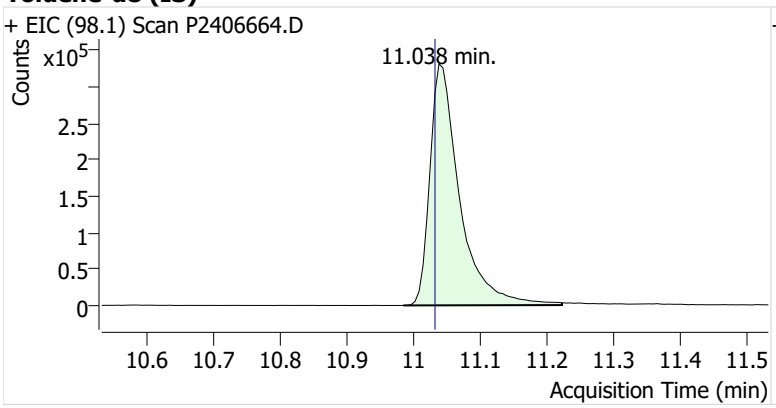


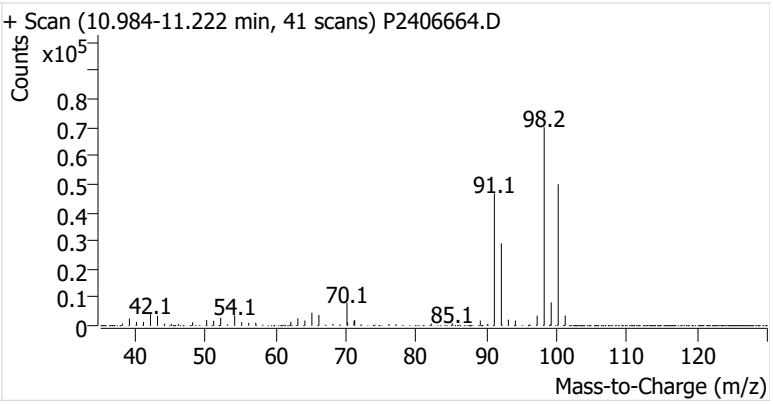
Benzene



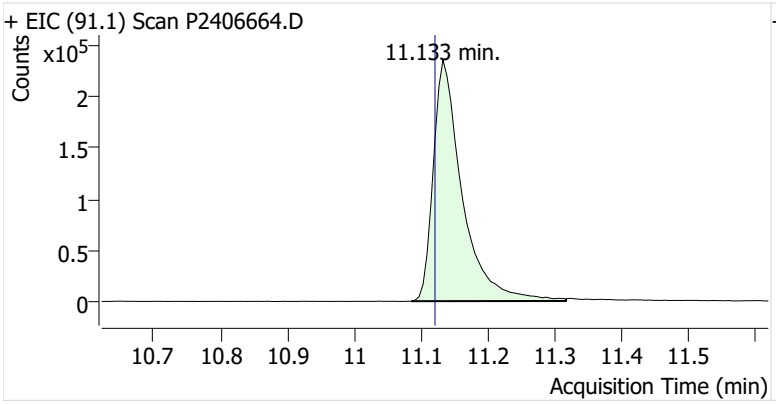


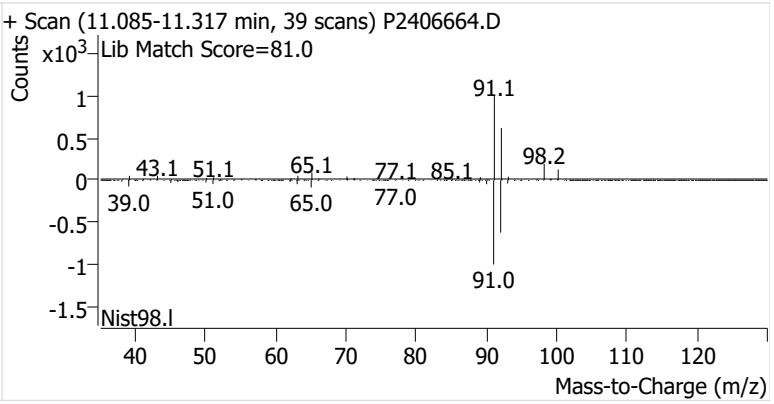
Toluene-d8 (IS)



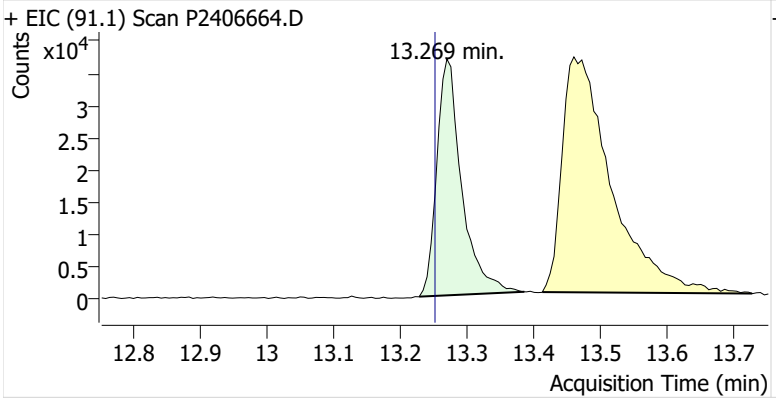


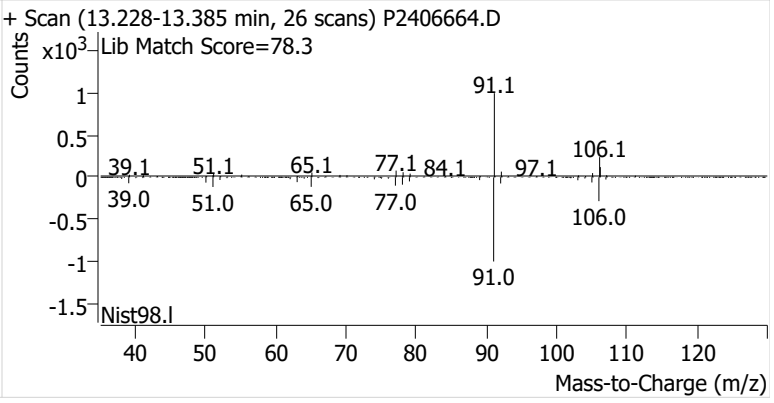
Toluene



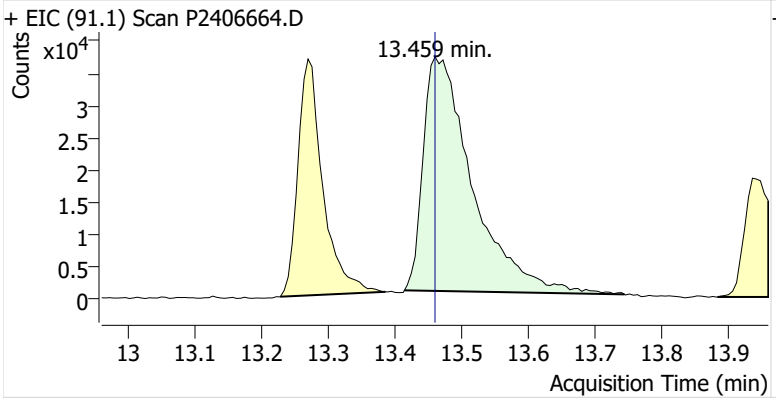


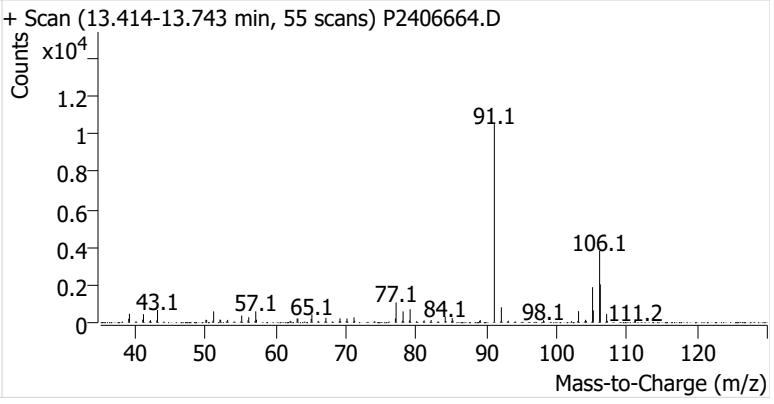
Ethylbenzene



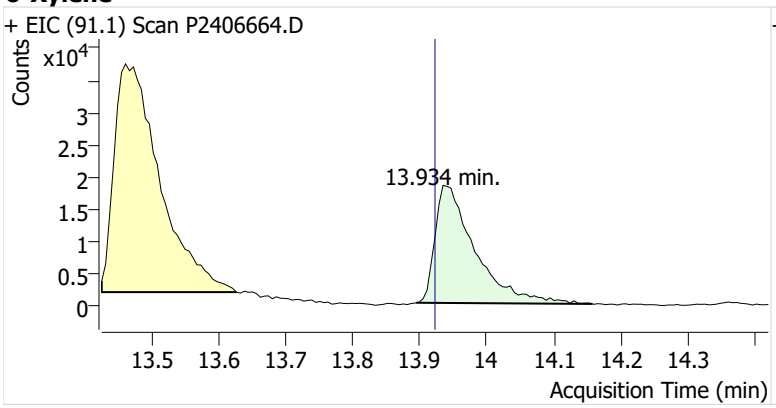


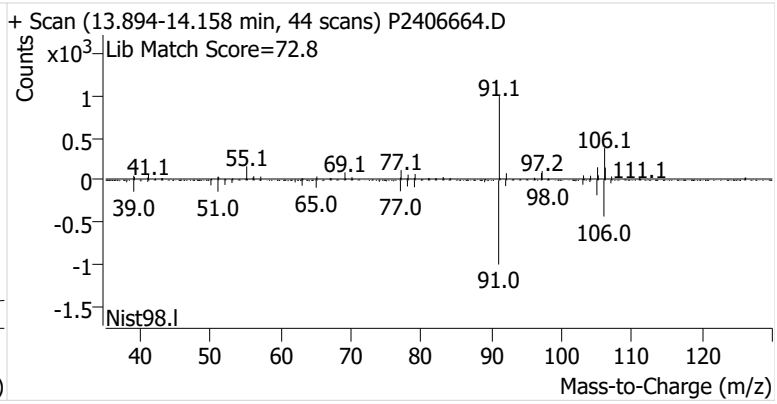
m-/p-Xylene





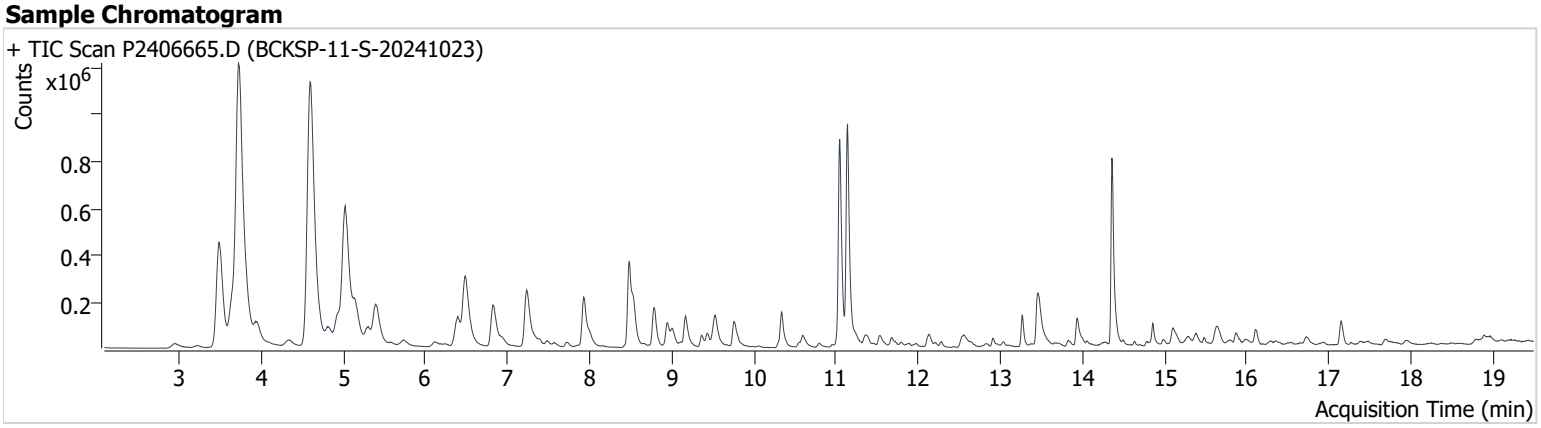
o-Xylene


+ EIC (91.1) Scan P2406664.D
Counts
x10^4
3
2.5
2
1.5
1
0.5
0
13.934 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.894-14.158 min, 44 scans) P2406664.D
Counts
x10^3
Lib Match Score=72.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

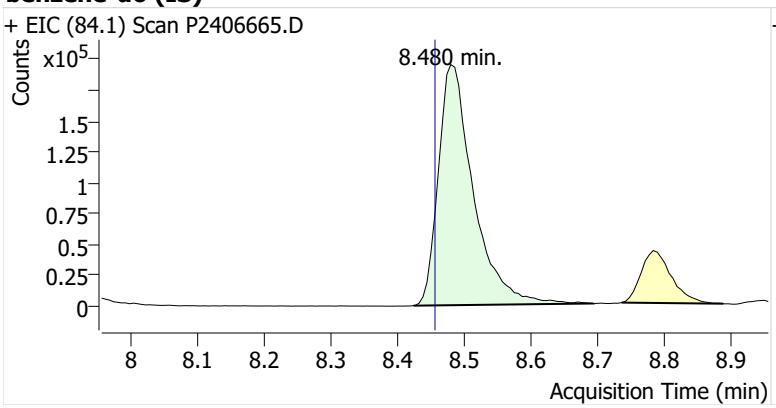
Name	BCKSP-11-S-20241023
Comment	C34142; Recollect
Data File	P2406665.D
Acq. Date-Time	11/15/2024 1:32:45 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

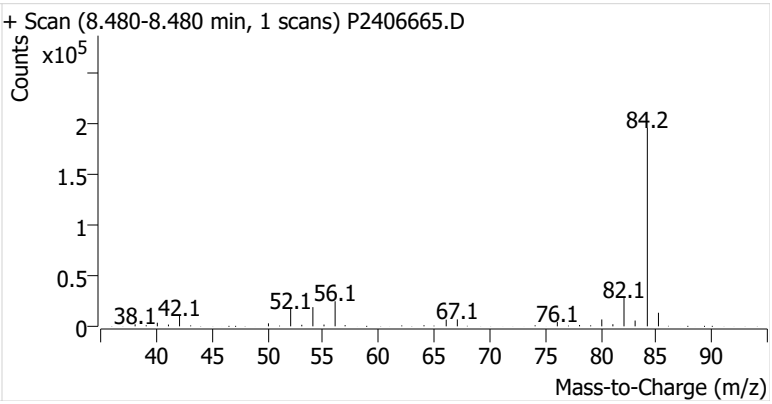
Sample Chromatogram



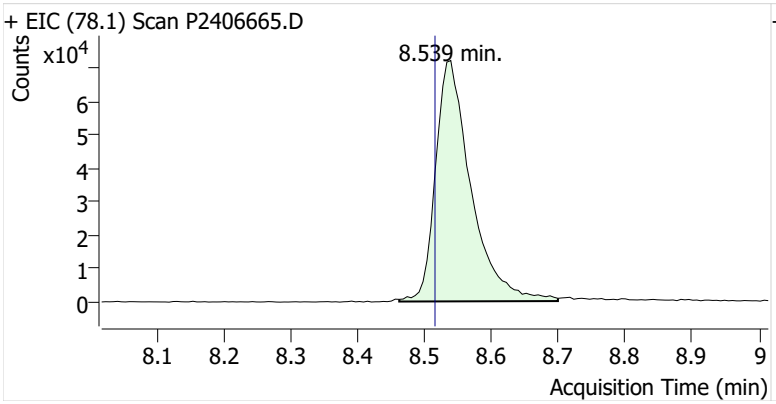
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.480	8.456	709,613	
Benzene	benzene-d6 (IS)	8.539	8.515	265,839	
Toluene-d8 (IS)		11.044	11.032	1,030,809	
Toluene	Toluene-d8 (IS)	11.139	11.121	1,151,407	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	155,696	
m-/p-Xylene	Toluene-d8 (IS)	13.459	13.459	389,509	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	150,879	

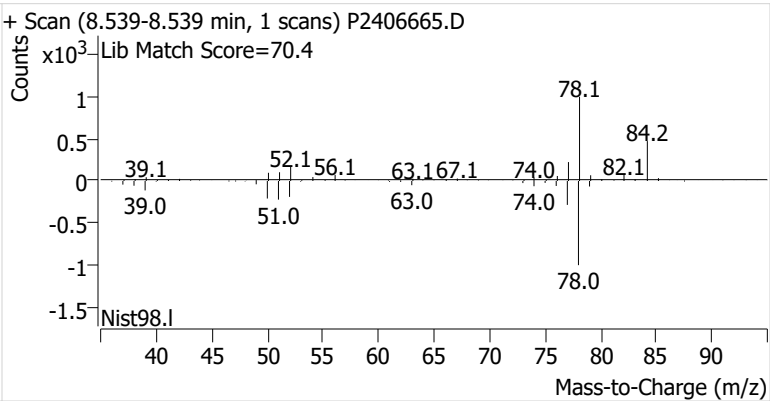
benzene-d6 (IS)



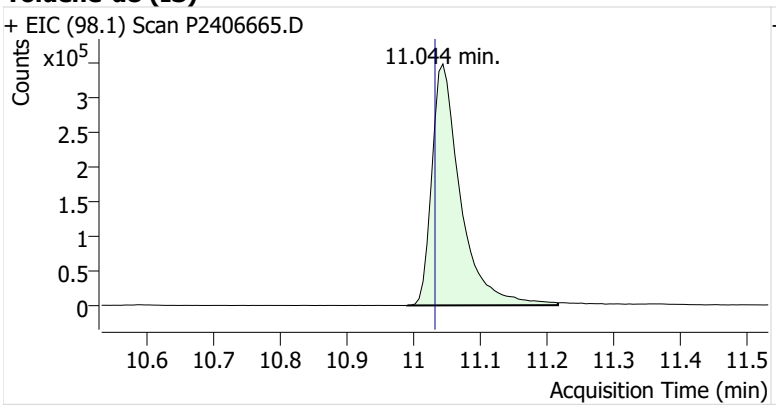


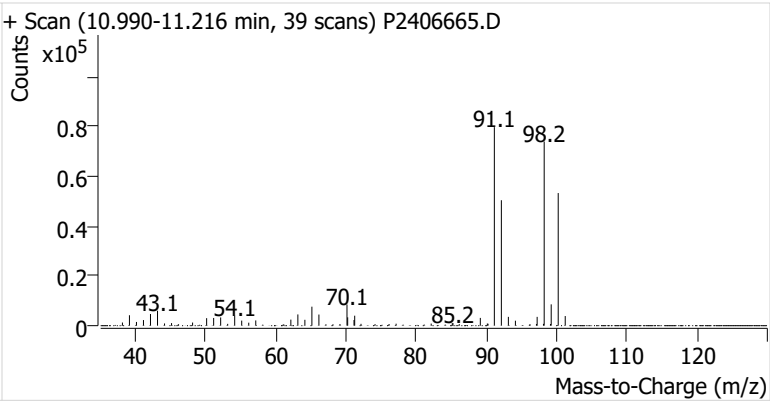
Benzene



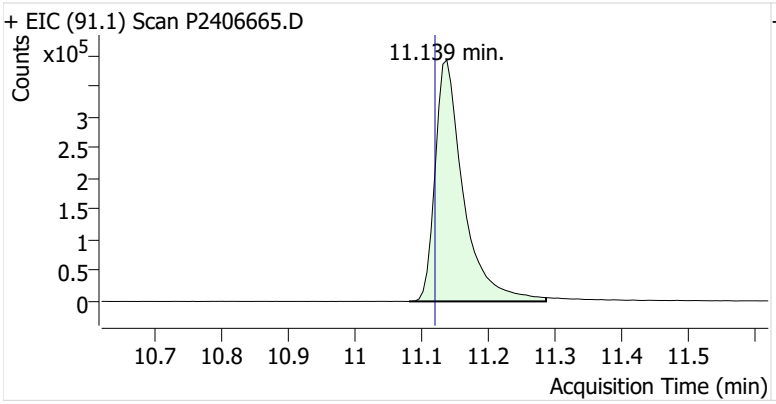


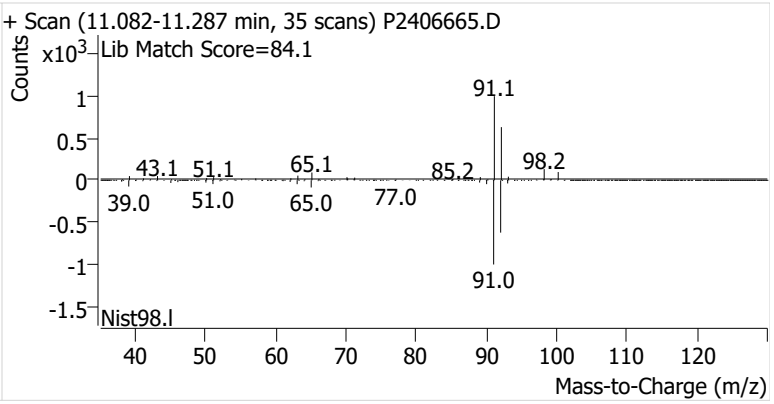
Toluene-d8 (IS)



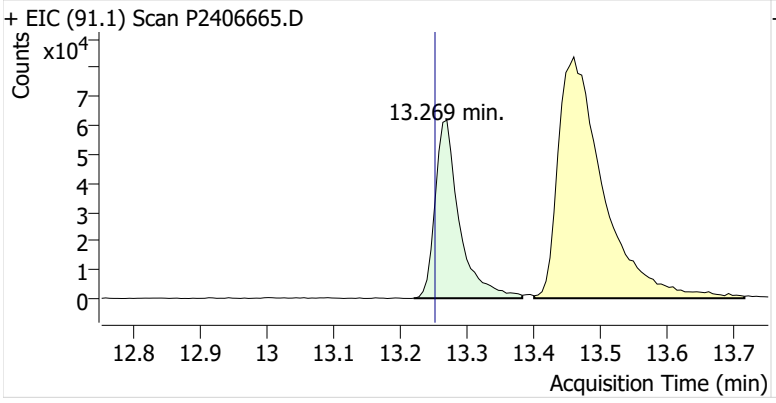


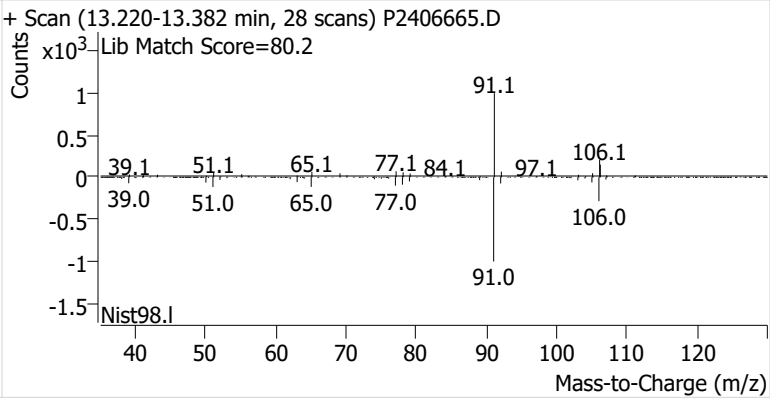
Toluene



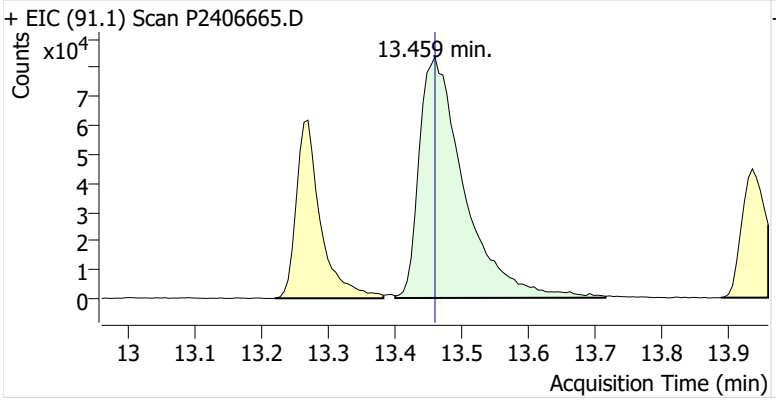


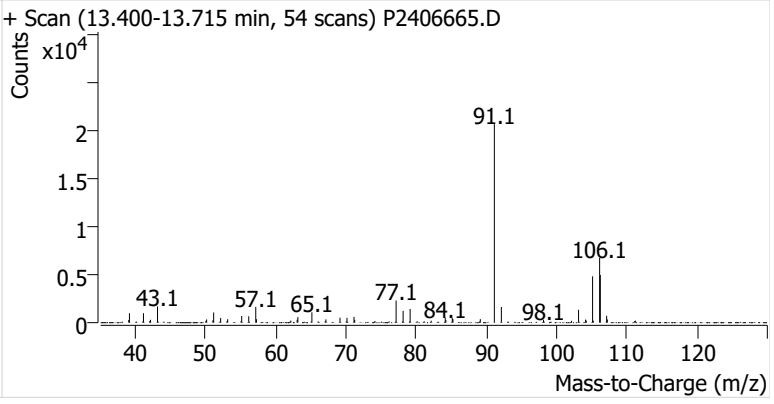
Ethylbenzene



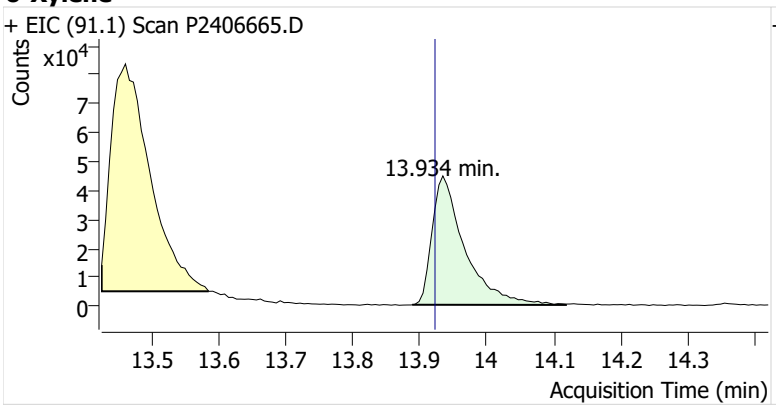


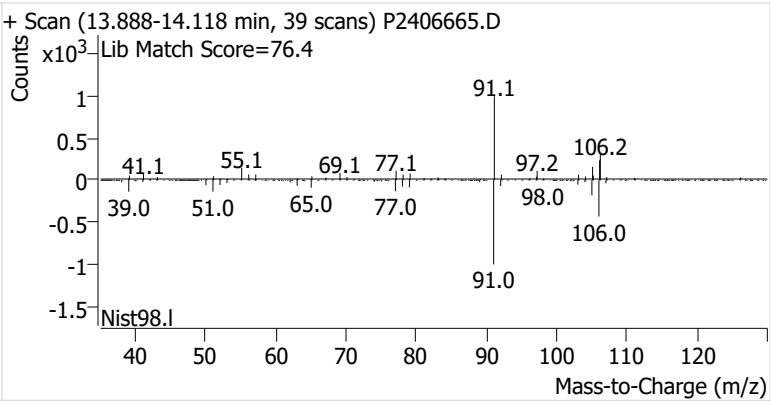
m-/p-Xylene





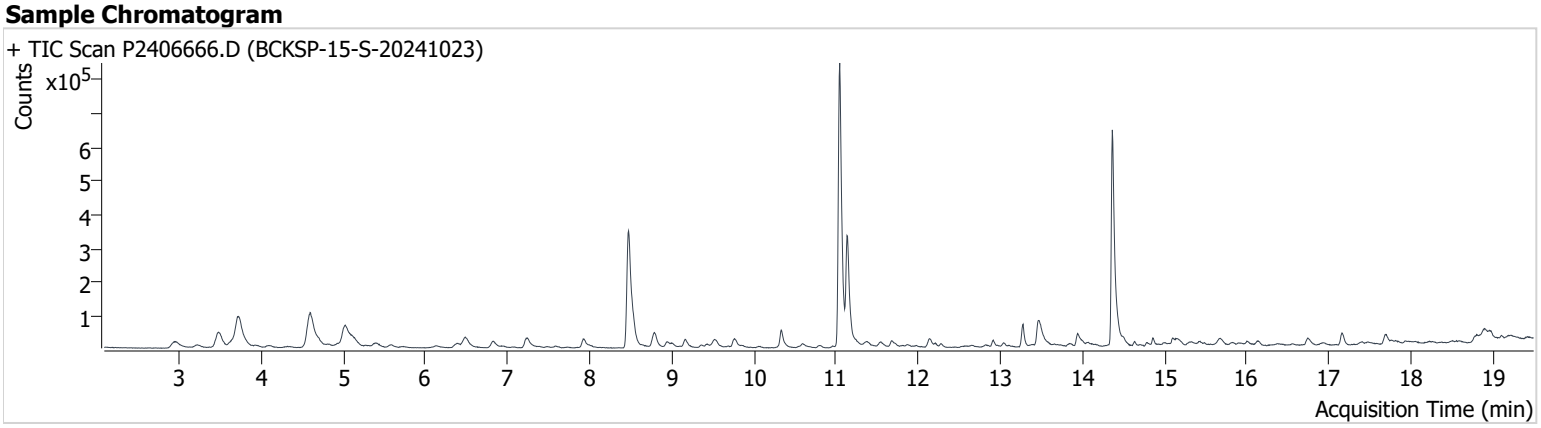
o-Xylene


+ EIC (91.1) Scan P2406665.D
Counts
x10^4
13.934 min.
Acquisition Time (min)


+ Scan (13.888-14.118 min, 39 scans) P2406665.D
Lib Match Score=76.4
Counts
x10^3
91.1
106.2
41.1
55.1
69.1
77.1
97.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

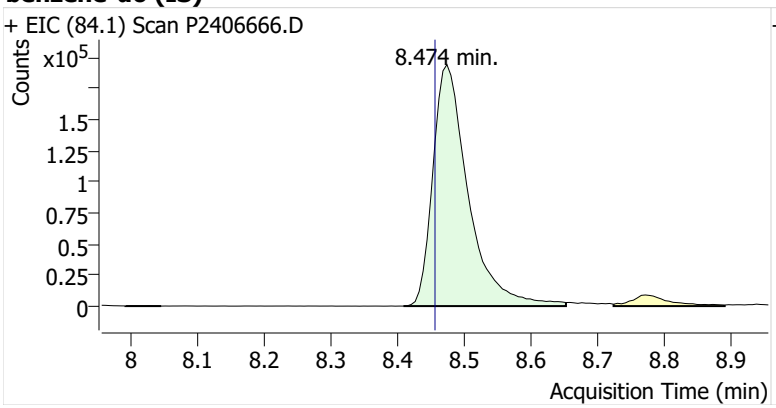
Name	BCKSP-15-S-20241023
Comment	C33519; Recollect
Data File	P2406666.D
Acq. Date-Time	11/15/2024 2:07:47 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

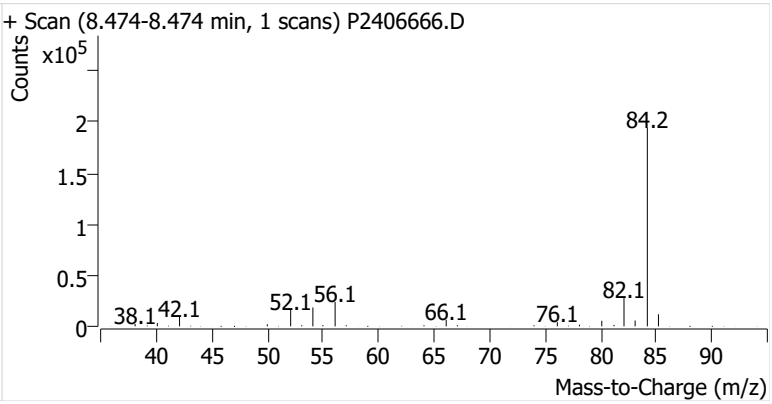
Sample Chromatogram



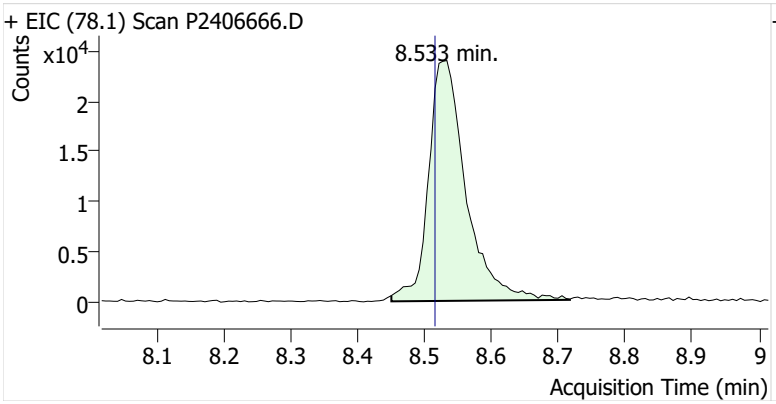
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	714,095	
Benzene	benzene-d6 (IS)	8.533	8.515	93,333	
Toluene-d8 (IS)		11.044	11.032	1,014,190	
Toluene	Toluene-d8 (IS)	11.139	11.121	397,215	
Ethylbenzene	Toluene-d8 (IS)	13.275	13.252	73,986	
m-/p-Xylene	Toluene-d8 (IS)	13.465	13.459	118,393	
o-Xylene	Toluene-d8 (IS)	13.946	13.922	56,562	

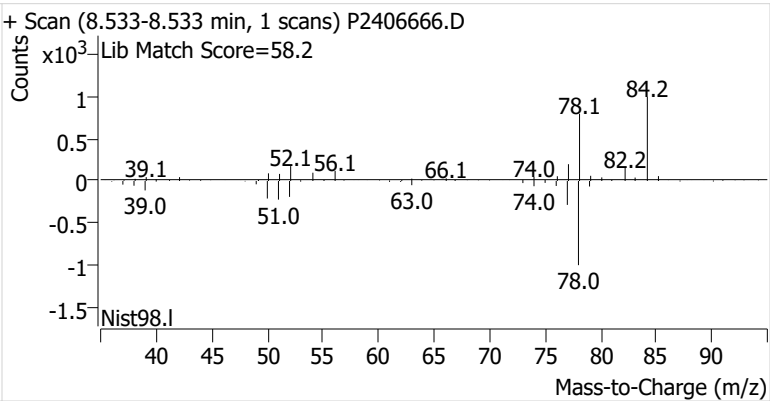
benzene-d6 (IS)



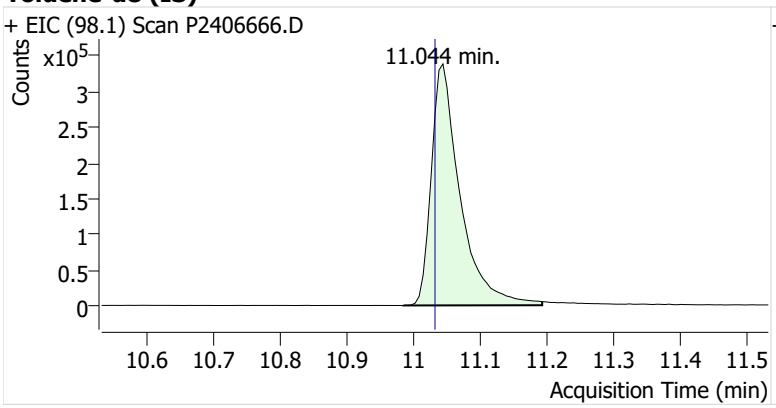


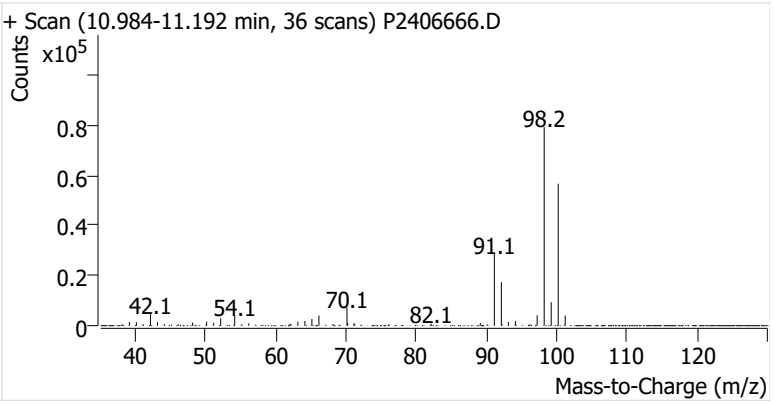
Benzene



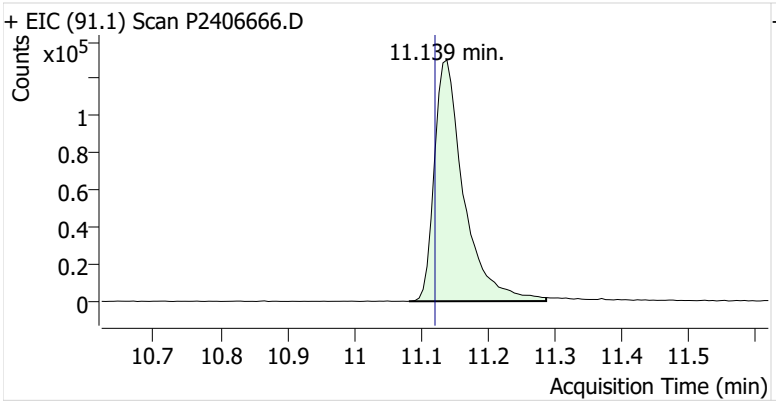


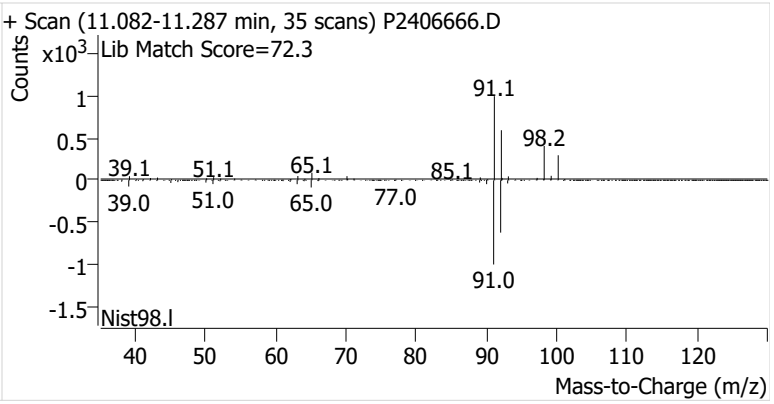
Toluene-d8 (IS)



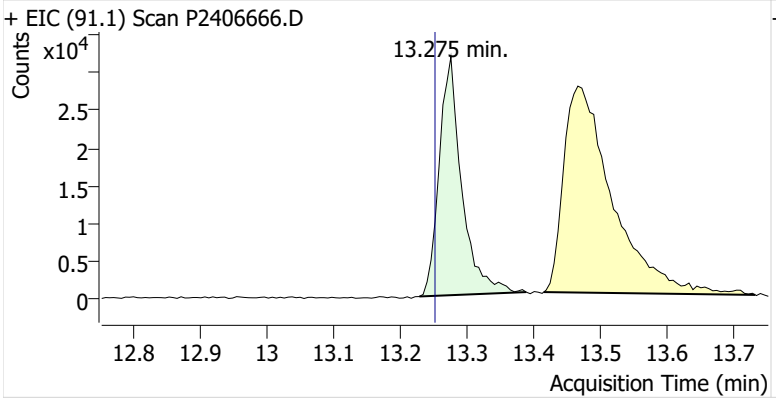


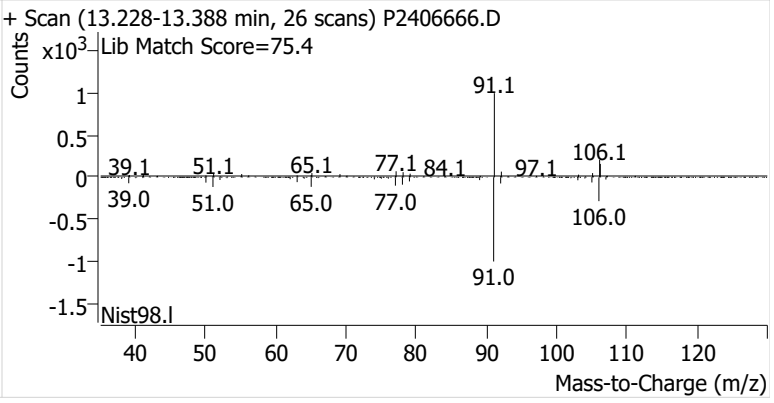
Toluene



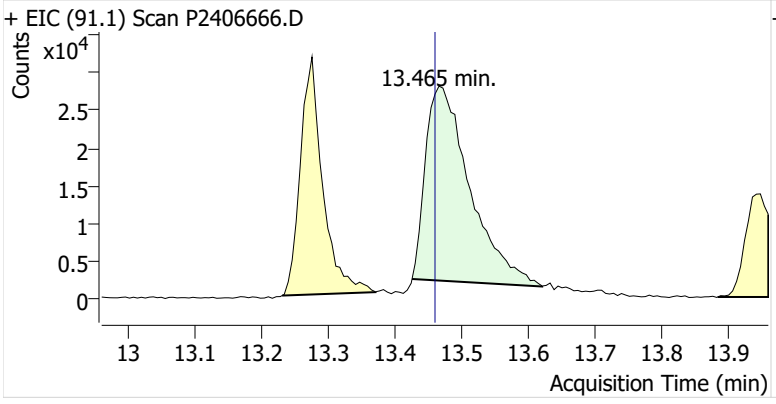


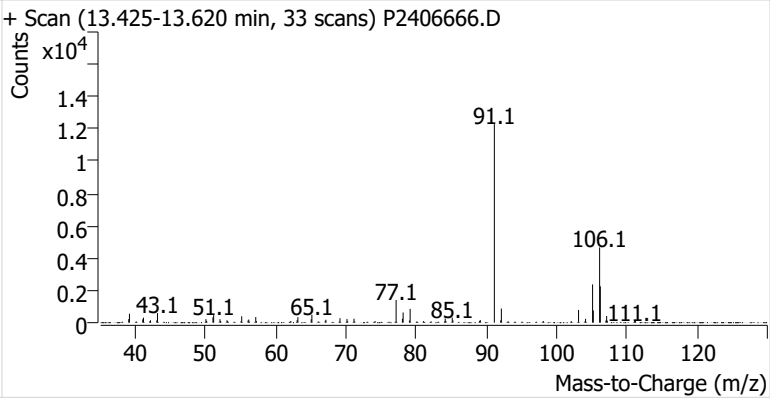
Ethylbenzene



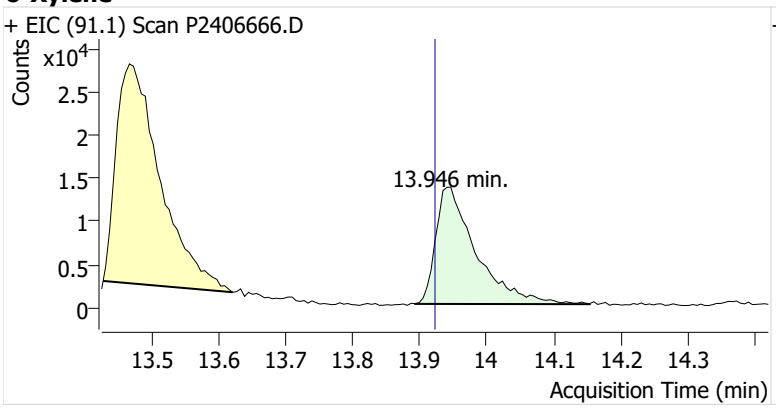


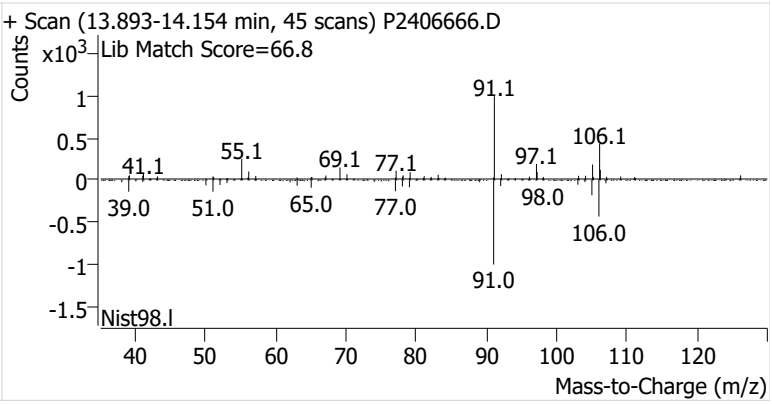
m-/p-Xylene





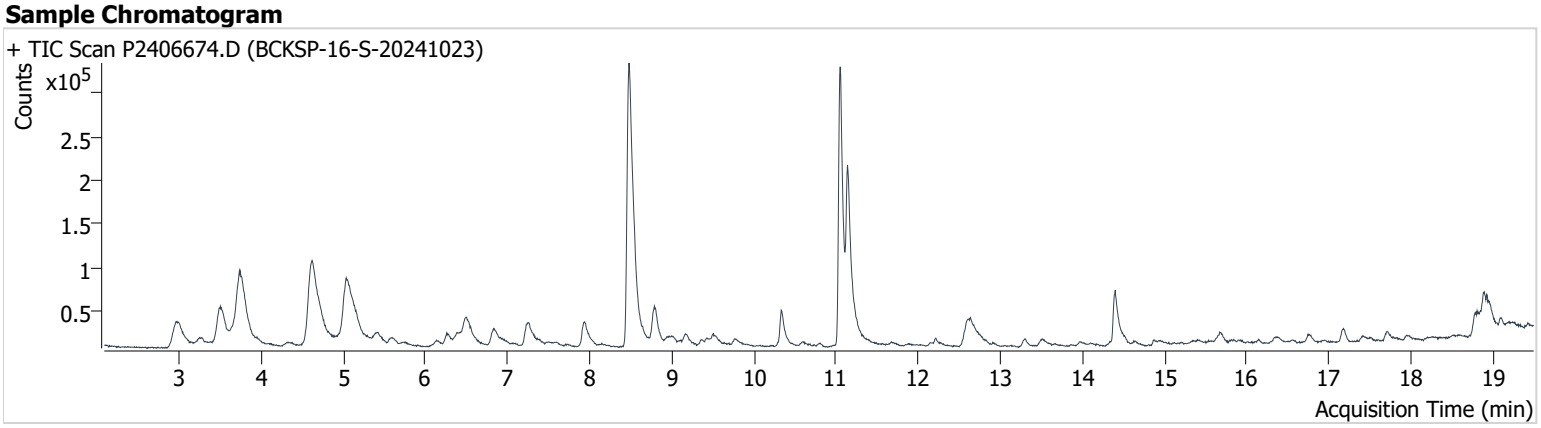
o-Xylene


+ EIC (91.1) Scan P2406666.D
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.946 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.893-14.154 min, 45 scans) P2406666.D
Counts
x10^3
Lib Match Score=66.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

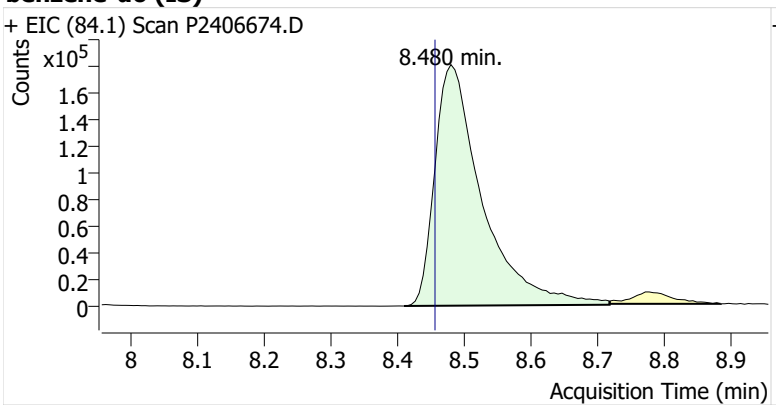
Name	BCKSP-16-S-20241023
Comment	C43690; Recollect
Data File	P2406674.D
Acq. Date-Time	11/15/2024 11:40:28 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

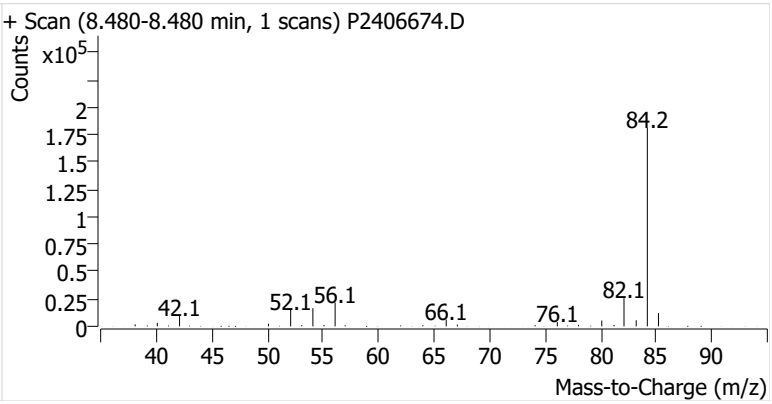
Sample Chromatogram



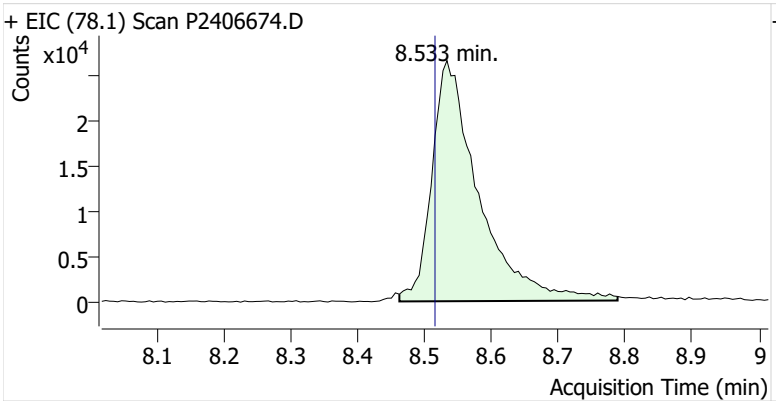
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.480	8.456	888,249	
Benzene	benzene-d6 (IS)	8.533	8.515	130,285	
Toluene-d8 (IS)		11.050	11.032	561,636	
Toluene	Toluene-d8 (IS)	11.139	11.121	315,823	
Ethylbenzene	Toluene-d8 (IS)	13.305	13.252	17,802	
m-/p-Xylene	Toluene-d8 (IS)	13.495	13.459	18,462	
o-Xylene	Toluene-d8 (IS)	13.970	13.922	7,905	m

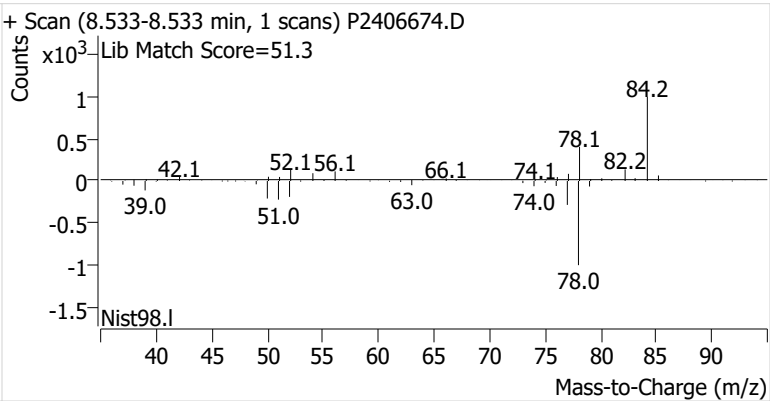
benzene-d6 (IS)



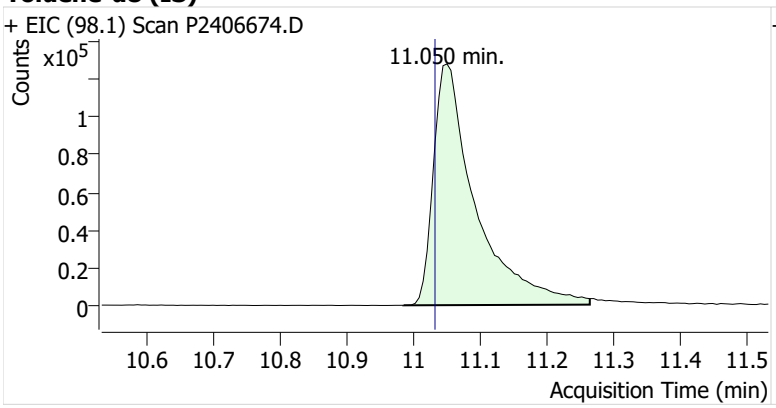


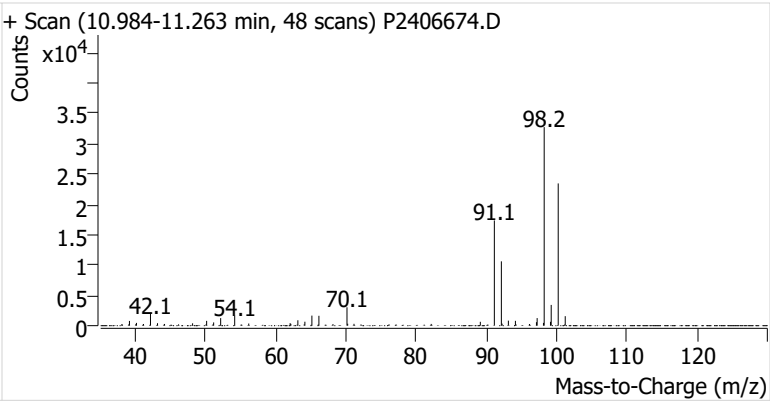
Benzene



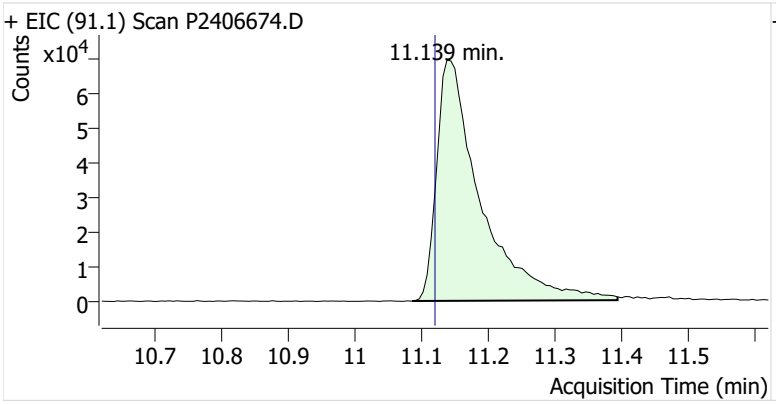


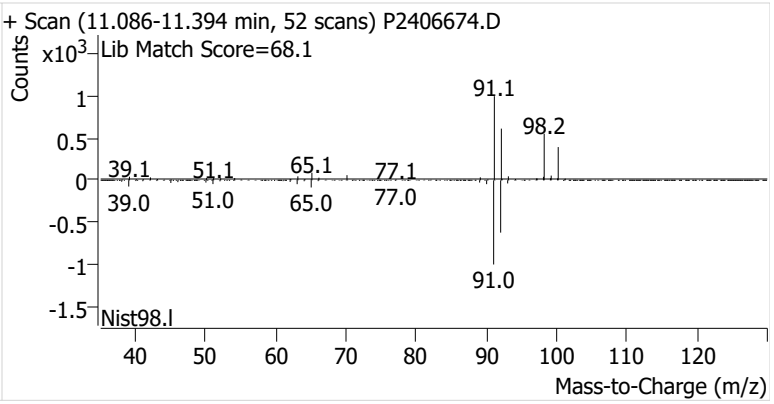
Toluene-d8 (IS)



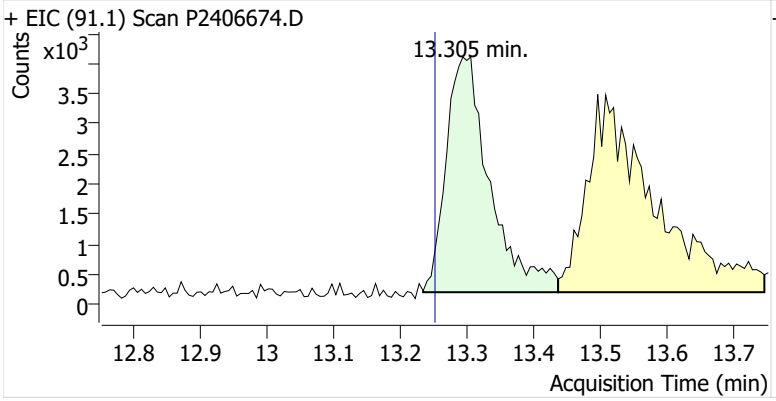


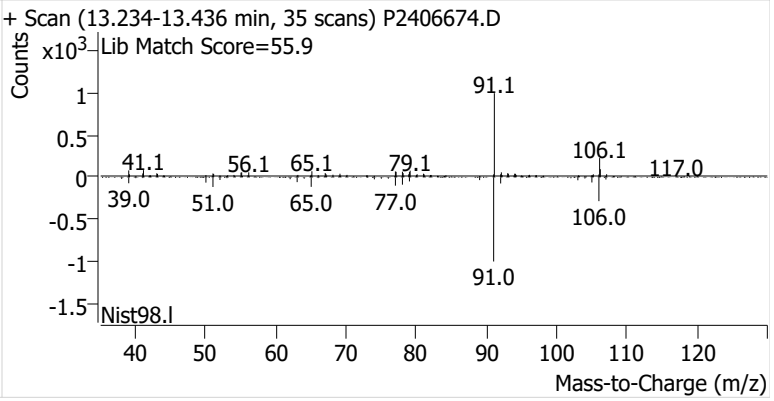
Toluene



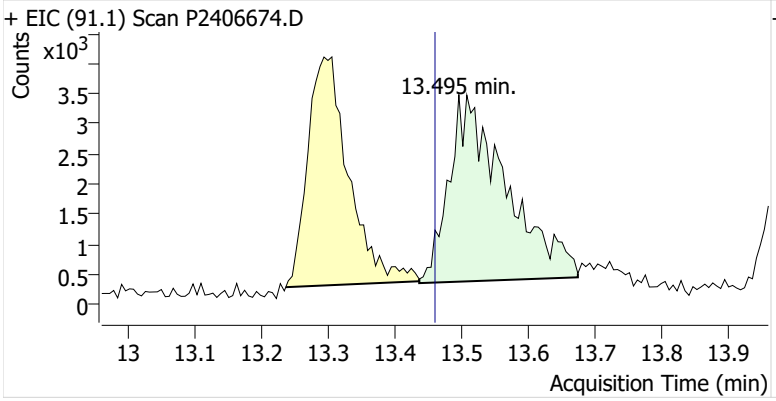


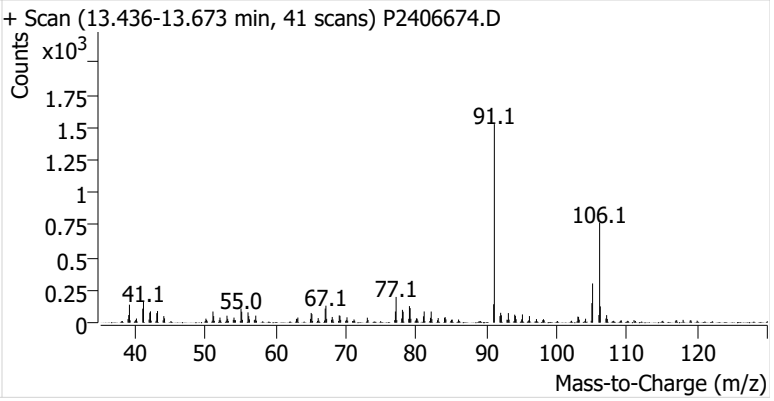
Ethylbenzene



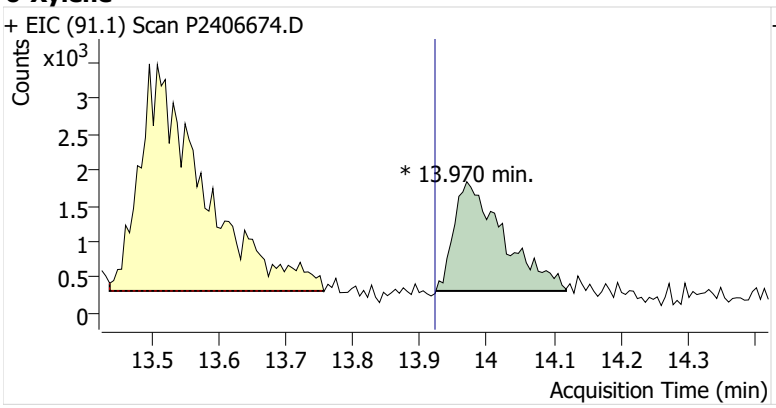


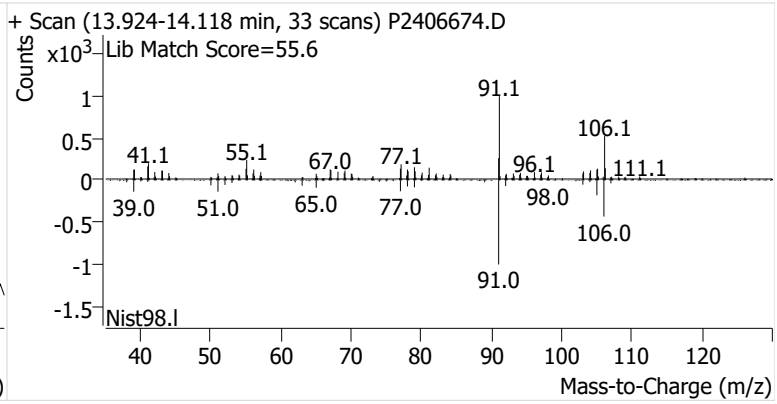
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan P2406674.D
Counts
x10^3
3
2.5
2
1.5
1
0.5
0
* 13.970 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.924-14.118 min, 33 scans) P2406674.D
Counts
x10^3
Lib Match Score=55.6
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.0
77.1
96.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Calibration Summary Reports

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.915	0.979	0.915	-6.5%	-0.22%		Pass	
2024GD403_Method Blank	Blank		0.979	0.915			-2.2%	Pass	ND
M325B CCV 5	Check	0.883	0.979	0.915	-9.9%		-7.8%	Pass	
M325B CCV 5	Cal	0.897	0.979	0.897	-8.4%	-11%		Pass	
M325B CCV 5	Check	0.878	0.979	0.897	-10%		-3.1%	Pass	
M325B CCV 5	Check	0.879	0.979	0.897	-10%		-1.6%	Pass	
M325B CCV 5	Cal	0.893	0.979	0.893	-8.8%	-11%	0.062%	Pass	
M325B CCV 5	Check	0.890	0.979	0.893	-9.1%		-4.3%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.944	0.951	0.944	-0.70%	-1.2%		Pass	
2024GD403_Method Blank	Blank		0.951	0.944			-9.2%	Pass	ND
M325B CCV 5	Check	0.885	0.951	0.944	-6.9%		-6.5%	Pass	
M325B CCV 5	Cal	0.941	0.951	0.941	-1.0%	-11%		Pass	
M325B CCV 5	Check	1.020	0.951	0.941	7.3%		-3.0%	Pass	
M325B CCV 5	Check	0.966	0.951	0.941	1.6%		-2.7%	Pass	
M325B CCV 5	Cal	0.951	0.951	0.951	0.034%	-14%	-3.3%	Pass	
M325B CCV 5	Check	0.938	0.951	0.951	-1.3%		-2.2%	Pass	

m-/p-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.706	0.677	0.706	4.3%	-1.2%		Pass	
2024GD403_Method Blank	Blank		0.677	0.706			-9.2%	Pass	ND
M325B CCV 5	Check	0.548	0.677	0.706	-19%		-6.5%	Pass	
M325B CCV 5	Cal	0.683	0.677	0.683	0.95%	-11%		Pass	
M325B CCV 5	Check	0.834	0.677	0.683	23%		-3.0%	Pass	
M325B CCV 5	Check	0.704	0.677	0.683	3.9%		-2.7%	Pass	
M325B CCV 5	Cal	0.718	0.677	0.718	6.1%	-14%	-3.3%	Pass	
M325B CCV 5	Check	0.651	0.677	0.718	-3.9%		-2.2%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.753	0.720	0.753	4.5%	-1.2%		Pass	
2024GD403_Method Blank	Blank		0.720	0.753			-9.2%	Pass	ND
M325B CCV 5	Check	0.685	0.720	0.753	-4.9%		-6.5%	Pass	
M325B CCV 5	Cal	0.765	0.720	0.765	6.2%	-11%		Pass	
M325B CCV 5	Check	0.809	0.720	0.765	12%		-3.0%	Pass	
M325B CCV 5	Check	0.743	0.720	0.765	3.1%		-2.7%	Pass	
M325B CCV 5	Cal	0.768	0.720	0.768	6.6%	-14%	-3.3%	Pass	
M325B CCV 5	Check	0.717	0.720	0.768	-0.44%		-2.2%	Pass	

Toluene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.852	0.898	0.852	-5.2%	-1.2%		Pass	
2024GD403_Method Blank	Blank		0.898	0.852			-9.2%	Pass	ND
M325B CCV 5	Check	0.816	0.898	0.852	-9.2%		-6.5%	Pass	
M325B CCV 5	Cal	0.858	0.898	0.858	-4.5%	-11%		Pass	
M325B CCV 5	Check	0.789	0.898	0.858	-12%		-3.0%	Pass	
M325B CCV 5	Check	0.846	0.898	0.858	-5.8%		-2.7%	Pass	
M325B CCV 5	Cal	0.886	0.898	0.886	-1.3%	-14%	-3.3%	Pass	
M325B CCV 5	Check	0.847	0.898	0.886	-5.7%		-2.2%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	Benzene	1	P2404977.D	5.19	53200	91.7	825638	1.138	16%
P090624A BTEX.quantmethod.xml	Benzene	2	P2404978.D	10.38	91845	91.7	790527	1.026	4.8%
P090624A BTEX.quantmethod.xml	Benzene	3	P2404979.D	20.76	168704	91.7	766300	0.972	-0.72%
P090624A BTEX.quantmethod.xml	Benzene	4	P2404980.D	41.51	319641	91.7	739567	0.954	-2.5%
P090624A BTEX.quantmethod.xml	Benzene	5	P2404981.D	103.78	770808	91.7	741300	0.919	-6.2%
P090624A BTEX.quantmethod.xml	Benzene	6	P2404982.D	207.57	1506802	91.7	718096	0.927	-5.4%
P090624A BTEX.quantmethod.xml	Benzene	7	P2404983.D	622.70	4556203	91.7	729727	0.919	-6.1%
						Avg:	758736	0.979	
						%RSD:	5.0%	8.2%	
P090624A BTEX.quantmethod.xml	Ethylbenzene	1	P2404977.D	5.33	56151	108.1	1169254	0.974	2.4%
P090624A BTEX.quantmethod.xml	Ethylbenzene	2	P2404978.D	10.67	105621	108.1	1107038	0.967	1.7%
P090624A BTEX.quantmethod.xml	Ethylbenzene	3	P2404979.D	21.33	219430	108.1	1067634	1.042	9.6%
P090624A BTEX.quantmethod.xml	Ethylbenzene	4	P2404980.D	42.67	414505	108.1	1079066	0.973	2.4%
P090624A BTEX.quantmethod.xml	Ethylbenzene	5	P2404981.D	106.66	889663	108.1	1042115	0.865	-9.0%
P090624A BTEX.quantmethod.xml	Ethylbenzene	6	P2404982.D	213.33	1888178	108.1	1053728	0.908	-4.5%
P090624A BTEX.quantmethod.xml	Ethylbenzene	7	P2404983.D	639.99	5839841	108.1	1066774	0.925	-2.7%
						Avg:	1083659	0.951	
						%RSD:	4.0%	6.0%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	m-/p-Xylene	1	P2404977.D	5.37	41219	108.1	1169254	0.710	4.9%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	2	P2404978.D	10.74	70608	108.1	1107038	0.642	-5.1%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	3	P2404979.D	21.47	173334	108.1	1067634	0.817	21%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	4	P2404980.D	42.95	287337	108.1	1079066	0.670	-0.95%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	5	P2404981.D	107.36	601872	108.1	1042115	0.582	-14%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	6	P2404982.D	214.73	1307488	108.1	1053728	0.625	-7.7%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	7	P2404983.D	644.18	4394447	108.1	1066774	0.691	2.1%
						Avg:	1083659	0.677	
						%RSD:	4.0%	11%	
P090624A BTEX.quantmethod.xml	o-Xylene	1	P2404977.D	5.40	44196	108.1	1169254	0.757	5.1%
P090624A BTEX.quantmethod.xml	o-Xylene	2	P2404978.D	10.80	82293	108.1	1107038	0.745	3.4%
P090624A BTEX.quantmethod.xml	o-Xylene	3	P2404979.D	21.59	162748	108.1	1067634	0.763	6.0%
P090624A BTEX.quantmethod.xml	o-Xylene	4	P2404980.D	43.18	323877	108.1	1079066	0.752	4.4%
P090624A BTEX.quantmethod.xml	o-Xylene	5	P2404981.D	107.95	690821	108.1	1042115	0.664	-7.8%
P090624A BTEX.quantmethod.xml	o-Xylene	6	P2404982.D	215.90	1404667	108.1	1053728	0.668	-7.3%
P090624A BTEX.quantmethod.xml	o-Xylene	7	P2404983.D	647.71	4429477	108.1	1066774	0.693	-3.8%
						Avg:	1083659	0.720	
						%RSD:	4.0%	6.1%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD403-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	Toluene	1	P2404977.D	5.39	60242	108.1	1169254	1.034	15%
P090624A BTEX.quantmethod.xml	Toluene	2	P2404978.D	10.78	103782	108.1	1107038	0.940	4.7%
P090624A BTEX.quantmethod.xml	Toluene	3	P2404979.D	21.56	201417	108.1	1067634	0.946	5.3%
P090624A BTEX.quantmethod.xml	Toluene	4	P2404980.D	43.11	378117	108.1	1079066	0.879	-2.2%
P090624A BTEX.quantmethod.xml	Toluene	5	P2404981.D	107.78	866654	108.1	1042115	0.834	-7.1%
P090624A BTEX.quantmethod.xml	Toluene	6	P2404982.D	215.56	1738243	108.1	1053728	0.827	-7.9%
P090624A BTEX.quantmethod.xml	Toluene	7	P2404983.D	646.68	5279870	108.1	1066774	0.828	-7.9%
						Avg:	1083659	0.898	
						%RSD:	4.0%	8.7%	
P090624A BTEX.quantmethod.xml	Benzene	ICV	P2404984.D	63.61	412010	91.7	731399	0.812	-17%
P090624A BTEX.quantmethod.xml	Ethylbenzene	ICV	P2404984.D	85.41	703130	108.1	1042671	0.854	-10%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	ICV	P2404984.D	88.90	563818	108.1	1042671	0.658	-2.8%
P090624A BTEX.quantmethod.xml	o-Xylene	ICV	P2404984.D	87.50	558957	108.1	1042671	0.662	-8%
P090624A BTEX.quantmethod.xml	Toluene	ICV	P2404984.D	75.87	552004	108.1	1042671	0.754	-16%

This Is The Last Page Of This Report.

Buckeye – South Portland

170 Lincoln Street
South Portland, ME 04106

Sampling Event 8
PROJ-031334

Analytical Report
(2024GD404)

EPA Method 325B
Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene

Report Submitted By:
Montrose Air Quality Services LLC – Pine Brook, NJ

Enthalpy Analytical, LLC
Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of a report are not taken out of context.

QA REVIEW PERFORMED BY
Brianna Berry
QA Associate I

Report Issued: 12/06/2024

ENTHALPY
ANALYTICAL

Summary of Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Summary

Sample Code	Tube ID	Benzene (ug/m³)	Flag	Ethylbenzene (ug/m³)	Flag	m-/p-Xylenes (ug/m³)	Flag	o-Xylene (ug/m³)	Flag	Toluene (ug/m³)	Flag
BCKSP-1-S-20241106	B34800	1.35		2.17		8.26		3.05		21.8	
BCKSP-2-S-20241106	B21034	1.00		1.20		4.15		1.33		15.2	B
BCKSP-3-S-20241106	B20972	1.13		1.88		6.69		2.53		21.5	
BCKSP-4-S-20241106	B27344	1.35		1.94		7.00		2.45		22.6	
BCKSP-5-S-20241106	C53730	1.42		1.87		7.09		2.47		21.7	
BCKSP-5-D-20241106	B47903	1.72		2.06		7.68		2.72		29.4	
BCKSP-5-B-20241106	B38565	0.507		0.395	J	0.881		0.308	J	5.74	
BCKSP-6-S-20241106	C36993	2.42		2.33		8.72		3.21		26.5	
BCKSP-7-S-20241106	B27852	3.29		2.19		7.85		2.71		27.0	
BCKSP-8-S-20241106	B47897	6.33		4.08		15.9		5.42		38.4	
BCKSP-9-S-20241106	C35833	7.59		4.57		17.7		6.24		59.2	
BCKSP-10-S-20241106	B19712	7.42		5.29		19.9		7.16		49.2	
BCKSP-11-S-20241106	C37031	4.50		4.03		14.4		4.86		38.6	
BCKSP-12-S-20241106	B19814	3.47		2.78		10.2		3.73		27.9	
BCKSP-13-S-20241106	B19990	2.51		3.47		12.8		4.61		32.3	
BCKSP-14-S-20241106	C53665	1.09		2.16		8.57		3.19		21.4	
BCKSP-14-D-20241106	B21079	1.09		2.22		8.10		2.85		27.0	
BCKSP-14-B-20241106	C38860	0.300	J	0.281	J	0.358	J		ND	3.55	
BCKSP-15-S-20241106	B52746	1.16		1.82		6.71		2.39		20.7	
BCKSP-16-S-20241106	B29923	1.13		1.15		3.35		1.27		18.0	

B: Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241106	B34800	1.35	0.422	17.6	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-2-S-20241106	B21034	1.00	0.315	13.1	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-3-S-20241106	B20972	1.13	0.355	14.8	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-4-S-20241106	B27344	1.35	0.424	17.7	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-5-S-20241106	C53730	1.42	0.443	18.5	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-5-D-20241106	B47903	1.72	0.539	22.5	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-5-B-20241106	B38565	0.507	0.159	6.62	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-6-S-20241106	C36993	2.42	0.758	31.6	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-7-S-20241106	B27852	3.29	1.03	43.0	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-8-S-20241106	B47897	6.33	1.98	82.7	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-9-S-20241106	C35833	7.59	2.38	99.2	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-10-S-20241106	B19712	7.42	2.33	97.0	43.3	0.649	20,145	0.191	0.397	0.0599	0.124	
BCKSP-11-S-20241106	C37031	4.50	1.41	58.8	43.3	0.649	20,140	0.191	0.397	0.0599	0.124	
BCKSP-12-S-20241106	B19814	3.47	1.09	45.3	43.3	0.649	20,140	0.191	0.397	0.0599	0.124	
BCKSP-13-S-20241106	B19990	2.51	0.785	32.7	43.3	0.649	20,140	0.191	0.397	0.0599	0.124	
BCKSP-14-S-20241106	C53665	1.09	0.343	14.3	43.3	0.649	20,140	0.191	0.397	0.0599	0.124	
BCKSP-14-D-20241106	B21079	1.09	0.342	14.3	43.3	0.649	20,135	0.191	0.397	0.0600	0.124	
BCKSP-14-B-20241106	C38860	0.300	0.0940	3.92	43.2	0.649	20,125	0.192	0.398	0.0600	0.125	J
BCKSP-15-S-20241106	B52746	1.16	0.364	15.2	43.2	0.649	20,125	0.192	0.398	0.0600	0.125	
BCKSP-16-S-20241106	B29923	1.13	0.354	14.7	43.2	0.649	20,125	0.192	0.398	0.0600	0.125	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241106	B34800	2.17	0.499	19.4	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-2-S-20241106	B21034	1.20	0.277	10.8	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-3-S-20241106	B20972	1.88	0.433	16.8	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-4-S-20241106	B27344	1.94	0.447	17.4	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-5-S-20241106	C53730	1.87	0.432	16.8	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-5-D-20241106	B47903	2.06	0.474	18.4	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-5-B-20241106	B38565	0.395	0.0909	3.54	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	J
BCKSP-6-S-20241106	C36993	2.33	0.537	20.9	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-7-S-20241106	B27852	2.19	0.504	19.6	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-8-S-20241106	B47897	4.08	0.940	36.6	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-9-S-20241106	C35833	4.57	1.05	41.0	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-10-S-20241106	B19712	5.29	1.22	47.4	43.3	0.445	20,145	0.279	0.594	0.0642	0.137	
BCKSP-11-S-20241106	C37031	4.03	0.928	36.1	43.3	0.445	20,140	0.279	0.595	0.0642	0.137	
BCKSP-12-S-20241106	B19814	2.78	0.641	24.9	43.3	0.445	20,140	0.279	0.595	0.0642	0.137	
BCKSP-13-S-20241106	B19990	3.47	0.799	31.1	43.3	0.445	20,140	0.279	0.595	0.0642	0.137	
BCKSP-14-S-20241106	C53665	2.16	0.498	19.4	43.3	0.445	20,140	0.279	0.595	0.0642	0.137	
BCKSP-14-D-20241106	B21079	2.22	0.512	19.9	43.3	0.445	20,135	0.279	0.595	0.0643	0.137	
BCKSP-14-B-20241106	C38860	0.281	0.0649	2.52	43.2	0.445	20,125	0.279	0.595	0.0643	0.137	J
BCKSP-15-S-20241106	B52746	1.82	0.420	16.3	43.2	0.445	20,125	0.279	0.595	0.0643	0.137	
BCKSP-16-S-20241106	B29923	1.15	0.264	10.3	43.2	0.445	20,125	0.279	0.595	0.0643	0.137	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241106	B34800	8.26	1.90	74.1	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-2-S-20241106	B21034	4.15	0.956	37.2	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-3-S-20241106	B20972	6.69	1.54	60.0	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-4-S-20241106	B27344	7.00	1.61	62.8	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-5-S-20241106	C53730	7.09	1.63	63.6	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-5-D-20241106	B47903	7.68	1.77	68.9	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-5-B-20241106	B38565	0.881	0.203	7.90	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-6-S-20241106	C36993	8.72	2.01	78.2	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-7-S-20241106	B27852	7.85	1.81	70.5	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-8-S-20241106	B47897	15.9	3.66	143	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-9-S-20241106	C35833	17.7	4.08	159	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-10-S-20241106	B19712	19.9	4.59	179	43.3	0.445	20,145	0.279	0.598	0.0642	0.138	
BCKSP-11-S-20241106	C37031	14.4	3.32	129	43.3	0.445	20,140	0.279	0.599	0.0642	0.138	
BCKSP-12-S-20241106	B19814	10.2	2.36	91.9	43.3	0.445	20,140	0.279	0.599	0.0642	0.138	
BCKSP-13-S-20241106	B19990	12.8	2.95	115	43.3	0.445	20,140	0.279	0.599	0.0642	0.138	
BCKSP-14-S-20241106	C53665	8.57	1.98	76.9	43.3	0.445	20,140	0.279	0.599	0.0642	0.138	
BCKSP-14-D-20241106	B21079	8.10	1.87	72.6	43.3	0.445	20,135	0.279	0.599	0.0643	0.138	
BCKSP-14-B-20241106	C38860	0.358	0.0826	3.21	43.2	0.445	20,125	0.279	0.599	0.0643	0.138	J
BCKSP-15-S-20241106	B52746	6.71	1.55	60.2	43.2	0.445	20,125	0.279	0.599	0.0643	0.138	
BCKSP-16-S-20241106	B29923	3.35	0.771	30.0	43.2	0.445	20,125	0.279	0.599	0.0643	0.138	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241106	B34800	3.05	0.703	27.4	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-2-S-20241106	B21034	1.33	0.306	11.9	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-3-S-20241106	B20972	2.53	0.583	22.7	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-4-S-20241106	B27344	2.45	0.565	22.0	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-5-S-20241106	C53730	2.47	0.568	22.1	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-5-D-20241106	B47903	2.72	0.627	24.4	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-5-B-20241106	B38565	0.308	0.0710	2.76	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	J
BCKSP-6-S-20241106	C36993	3.21	0.739	28.8	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-7-S-20241106	B27852	2.71	0.625	24.3	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-8-S-20241106	B47897	5.42	1.25	48.6	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-9-S-20241106	C35833	6.24	1.44	56.0	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-10-S-20241106	B19712	7.16	1.65	64.2	43.3	0.445	20,145	0.279	0.602	0.0642	0.139	
BCKSP-11-S-20241106	C37031	4.86	1.12	43.6	43.3	0.445	20,140	0.279	0.602	0.0642	0.139	
BCKSP-12-S-20241106	B19814	3.73	0.859	33.4	43.3	0.445	20,140	0.279	0.602	0.0642	0.139	
BCKSP-13-S-20241106	B19990	4.61	1.06	41.3	43.3	0.445	20,140	0.279	0.602	0.0642	0.139	
BCKSP-14-S-20241106	C53665	3.19	0.736	28.6	43.3	0.445	20,140	0.279	0.602	0.0642	0.139	
BCKSP-14-D-20241106	B21079	2.85	0.657	25.6	43.3	0.445	20,135	0.279	0.602	0.0643	0.139	
BCKSP-14-B-20241106	C38860				43.2	0.445	20,125	0.279	0.602	0.0643	0.139	ND
BCKSP-15-S-20241106	B52746	2.39	0.552	21.5	43.2	0.445	20,125	0.279	0.602	0.0643	0.139	
BCKSP-16-S-20241106	B29923	1.27	0.293	11.4	43.2	0.445	20,125	0.279	0.602	0.0643	0.139	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241106	B34800	21.8	5.78	221	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-2-S-20241106	B21034	15.2	4.04	154	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	B
BCKSP-3-S-20241106	B20972	21.5	5.71	218	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-4-S-20241106	B27344	22.6	6.01	230	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-5-S-20241106	C53730	21.7	5.76	220	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-5-D-20241106	B47903	29.4	7.80	298	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-5-B-20241106	B38565	5.74	1.52	58.2	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-6-S-20241106	C36993	26.5	7.03	268	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-7-S-20241106	B27852	27.0	7.16	273	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-8-S-20241106	B47897	38.4	10.2	390	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-9-S-20241106	C35833	59.2	15.7	601	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-10-S-20241106	B19712	49.2	13.1	499	43.3	0.503	20,145	0.247	0.531	0.0655	0.141	
BCKSP-11-S-20241106	C37031	38.6	10.2	391	43.3	0.503	20,140	0.247	0.532	0.0655	0.141	
BCKSP-12-S-20241106	B19814	27.9	7.41	283	43.3	0.503	20,140	0.247	0.532	0.0655	0.141	
BCKSP-13-S-20241106	B19990	32.3	8.57	327	43.3	0.503	20,140	0.247	0.532	0.0655	0.141	
BCKSP-14-S-20241106	C53665	21.4	5.69	217	43.3	0.503	20,140	0.247	0.532	0.0655	0.141	
BCKSP-14-D-20241106	B21079	27.0	7.17	274	43.3	0.503	20,135	0.247	0.532	0.0655	0.141	
BCKSP-14-B-20241106	C38860	3.55	0.942	35.9	43.2	0.503	20,125	0.247	0.532	0.0655	0.141	
BCKSP-15-S-20241106	B52746	20.7	5.51	210	43.2	0.503	20,125	0.247	0.532	0.0655	0.141	
BCKSP-16-S-20241106	B29923	18.0	4.79	183	43.2	0.503	20,125	0.247	0.532	0.0655	0.141	

B: Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

QC

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		m-/p-Xylenes		o-Xylene		Toluene	
Blanks (ug/m³)	BCKSP-5-B-20241106	0.507	Pass	0.395	Pass	0.881	Fail	0.308	Pass	5.74	Fail
	BCKSP-14-B-20241106	0.300	Pass	0.281	Pass	0.358	Pass	ND	Pass	3.55	Fail
Duplicates (difference)	BCKSP-5-D-20241106	19%	Pass	9.3%	Pass	8.0%	Pass	9.8%	Pass	30%	Pass
	BCKSP-14-D-20241106	0.27%	Pass	2.9%	Pass	5.7%	Pass	11%	Pass	23%	Pass

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	Buckeye – South Portland
Project	PROJ-031334
Report #	2024GD404

Custody	Enthalpy Analytical, LLC received the sample tubes on 11/22/24. The samples were received in good condition at a temperature of 21.4 ºC. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for Benzene, Toluene, Ethylbenzene, o-Xylene, and m-/p-Xylenes using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below. Toluene was detected in field blanks BCKSP-5-B-20241106 (tube ID B38565) and BCKSP-14-B-20241106 (tube ID C38860) at a concentration greater than one-third of the concentration of sample BCKSP-2-S-20241106 (tube ID B21034). The compounds m-/p-Xylenes were detected in field blank BCKSP-5-B-20241106 (tube ID B38565) however, it was less than one-third of the concentration of samples. The toluene sample has been flagged "B" and should be considered estimated due to a possible high bias contributed by background levels. The source of the low-level contamination is not known, but could be the result of artifacts on the tube, media/sample handling, analytical bias, or a combination thereof.
Reporting Notes	The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged. As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

Enthalpy Analytical Narrative Summary
(continued)

All samples were reported as amount in ng catch, and concentration in µg/m3 and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory.

These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Sample Custody

2024GD404

ENTHALPY ANALYTICAL

EPA Method 325 A Field Test Data Sheet and Chain of Custody Record

Page # 1 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye So Portland	**Client Name:**	Montrose AIR	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROS-031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brochu	**Sorbent:**	
State	Maine	**Email Address:**	haigbrochu@montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	B34800	S	11/6/24	10:30	11/20/24	10:15	HFB / HFB		
2 ①	B21034	S	11/6/24	10:35	11/20/24	10:20	HFB / HFB		
3 ①	B20972	S	11/6/24	10:40	11/20/24	10:25	HFB / HFB		
4 ①	B27344	S	11/6/24	10:45	11/20/24	10:30	HFB / HFB		
5	C53730	S	11/6/24	10:50	11/20/24	10:35	HFB / HFB		
5 ①	B47903	D	11/6/24	10:50	11/20/24	10:35	HFB / HFB		
5 ①	B38565	B	11/6/24	10:50	11/20/24	10:35	HFB / HFB		
6	C36993	S	11/6/24	11:00	11/20/24	10:45	HFB / HFB		

Relinquished By (printed): Haig Brochu	**Relinquished By (signature):**	**Relinquished Date:** 11/20/2024	**Relinquished Time:** 1400
Recieved By (printed): Sabrina Williams	**Recieved By (signature):** Sab Williams	**Receipt Date:** 11/22/24	**Receipt Time:** 10:00
Sample Condition Upon Receipt: Good - see notel on pgs 1-3.	**Compound List:**	**Custody Seal intact? Y/N:** N	**Delivery tracking #**
Ice Temp:	**Blank Temp:** 21.4 Fluke 7A	**Add Custody Seal # below:** NA	

Comments: ① Loose cap. SMW 11/22/24.

2024GD404

EPA Method 325 A
Field Test Data Sheet and Chain of Custody Record

Page # 2 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye So Portland	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROJ-031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brochu	**Sorbent:**	
State	Maine	**Email Address:**	haigbrochu@Montrose-envi.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
7 ①	B27852	S	11/6/24	11:05	11/20/24	10:50	HFB / HFB		
8	B47897	S	11/6/24	11:10	11/20/24	10:55	HFB / HFB		
9	C35833	S	11/6/24	11:15	11/20/24	11:00	HFB / HFB		
10	B19712	S	11/6/24	11:20	11/20/24	11:05	HFB / HFB		
11	C37031	S	11/6/24	11:30	11/20/24	11:10	HFB / HFB		
12	B19814	S	11/6/24	11:35	11/20/24	11:15	HFB / HFB		
13 ①	B19990	S	11/6/24	11:40	11/20/24	11:20	HFB / HFB		
14	C53665	S	11/6/24	11:45	11/20/24	11:25	HFB / HFB		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Haig Brochu		11/20/2024	14:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Sabrina Williams	Sabrina Williams	11/22/24	10:00

Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good - see note 1 on pg. 1-3.		N	
Ice Temp: / **Blank Temp:** 21.4 / Fluke 7A		**Add Custody Seal # below:** NA	

Comments: ① Loose cap. SMW 11/22/24.

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

2024GD404

EPA Method 325 A Field Test Data Sheet and Chain of Custody Record

Page # 3 of 3 #

ENTHALPY ANALYTICAL

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye So Portland	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROJ-031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brochu	**Sorbent:**	
State	Maine	**Email Address:**	haigbrochu@Montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
14 (1)	B21079	D	11/6/24	11:50	11/20/24	11:25	HFB / HFB		
14	C38860	B	11/6/24	12:00	11/20/24	11:25	HFB / HFB		
15 (1)	B52746	S	11/6/24	12:05	11/20/24	11:30	HFB / HFB		
16	B29923	S	11/6/24	12:10	11/20/24	11:35	HFB / HFB		
							/		
							/		
							/		
							/		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brochu		11/20/2024	14:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Sabrina Williams	Sab Williams	11/22/24	10:00

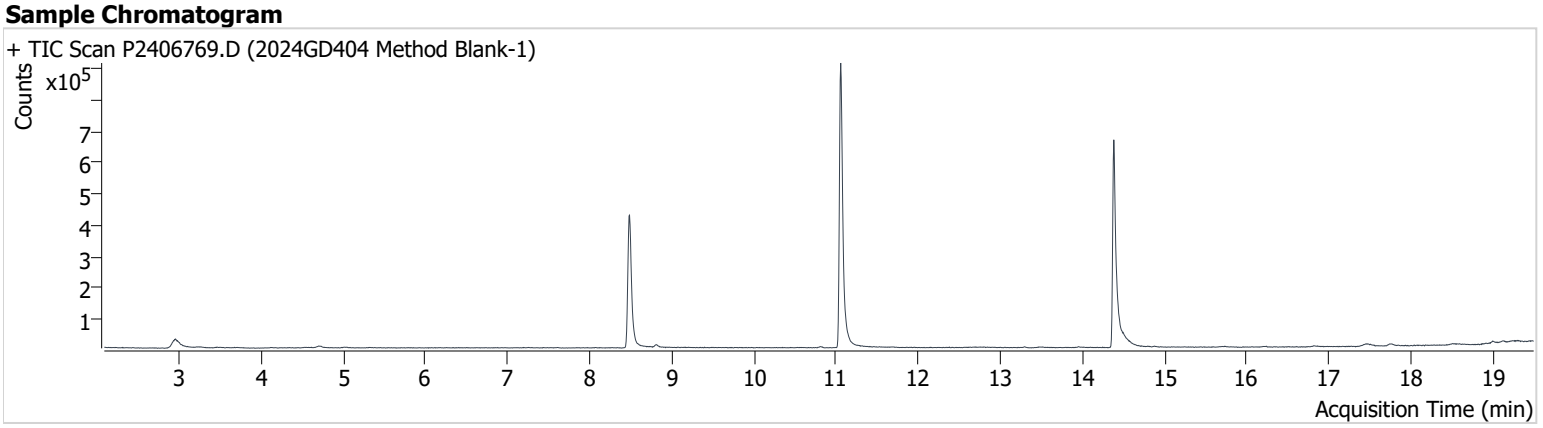
Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good - see note 1 on pgs 1-3.		N	
Ice Temp: / **Blank Temp:** 21.4 / FLUKE 7A		Add Custody Seal # below: NA	

Comments: (1) Loose cap. SMW 11/22/24.

Sample Chromatograms

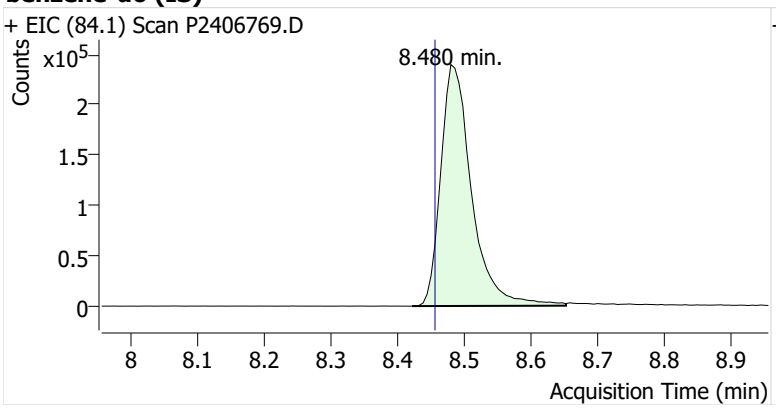
Name	2024GD404 Method Blank-1
Comment	C20477
Data File	P2406769.D
Acq. Date-Time	11/22/2024 2:40:25 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

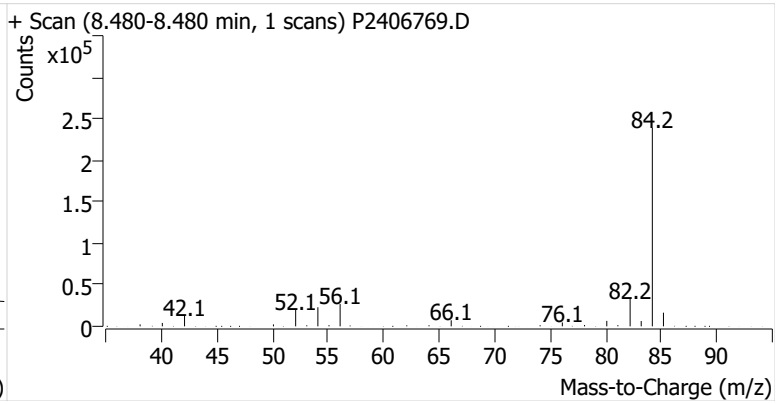
Sample Chromatogram



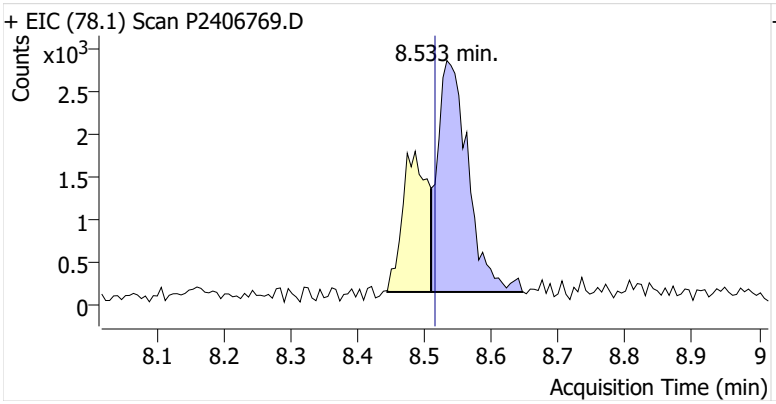
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.480	8.456	769,290	
Benzene	benzene-d6 (IS)	8.533	8.515	8,590	
Toluene-d8 (IS)		11.056	11.032	1,072,077	
Toluene	Toluene-d8 (IS)	11.151	11.121	11,530	
Ethylbenzene	Toluene-d8 (IS)	13.293	13.252	3,668	
m-/p-Xylenes	Toluene-d8 (IS)	13.483	13.459	3,980	
o-Xylene	Toluene-d8 (IS)	13.952	13.922	3,169	m

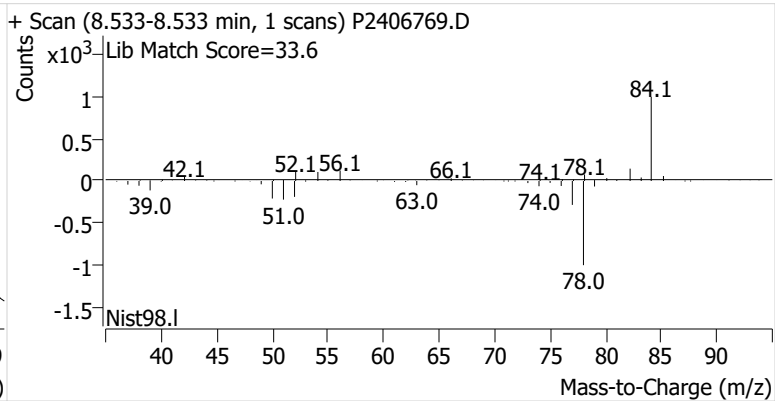
benzene-d6 (IS)



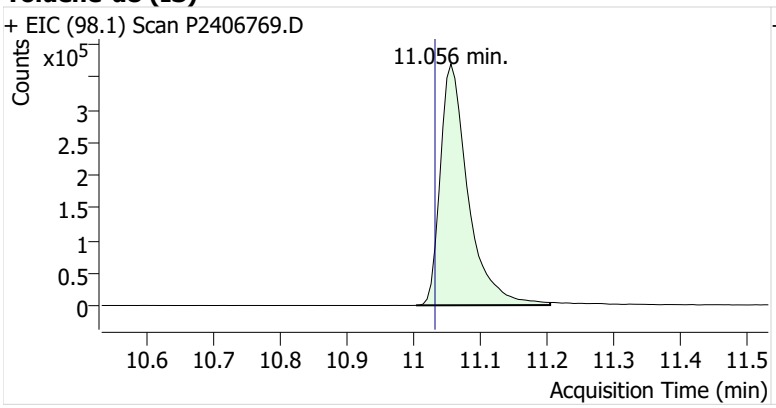


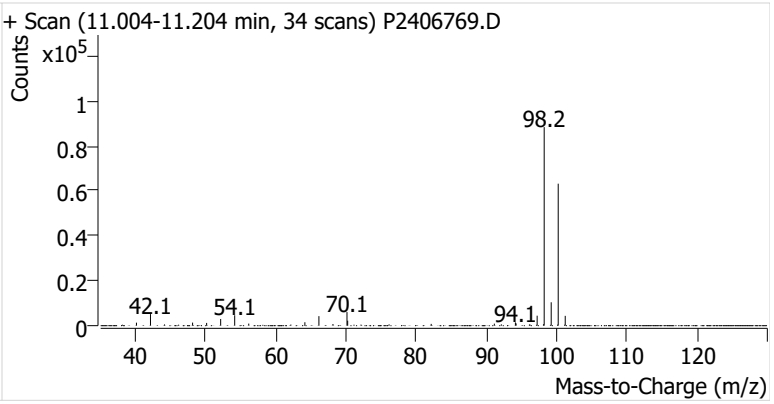
Benzene



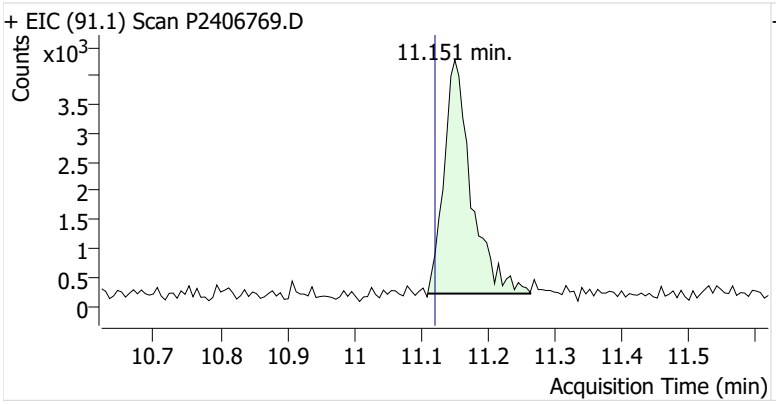


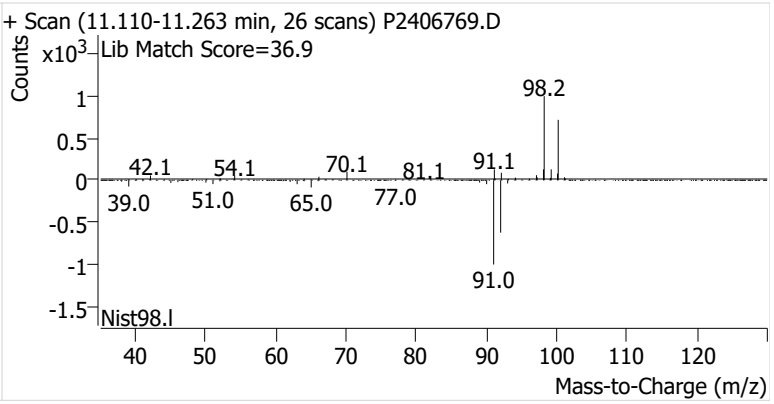
Toluene-d8 (IS)



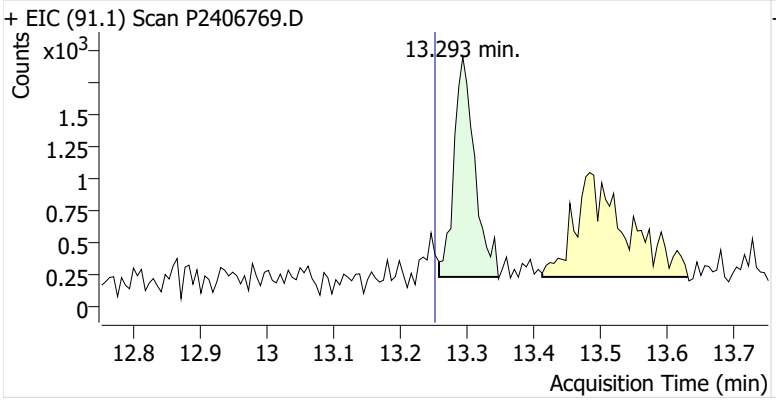


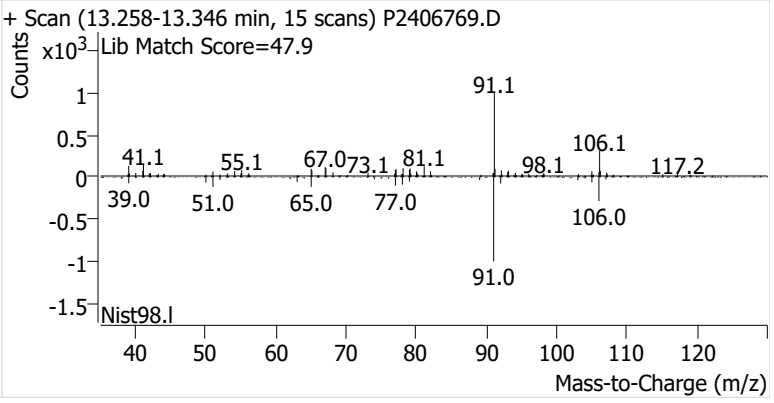
Toluene



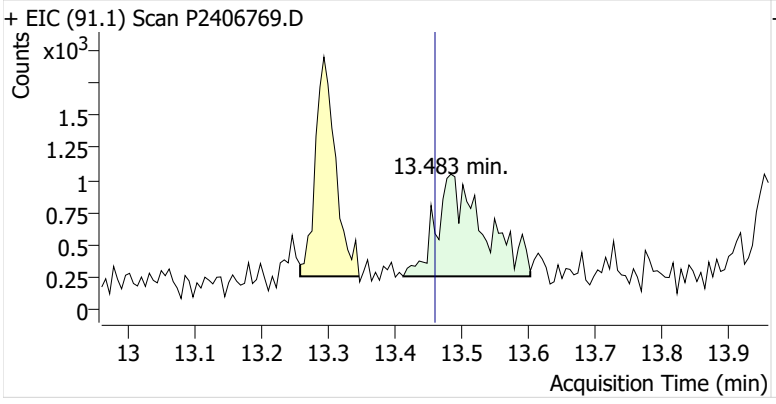


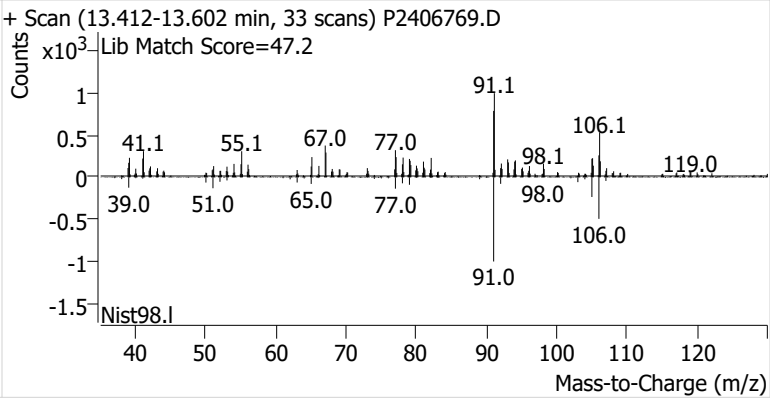
Ethylbenzene



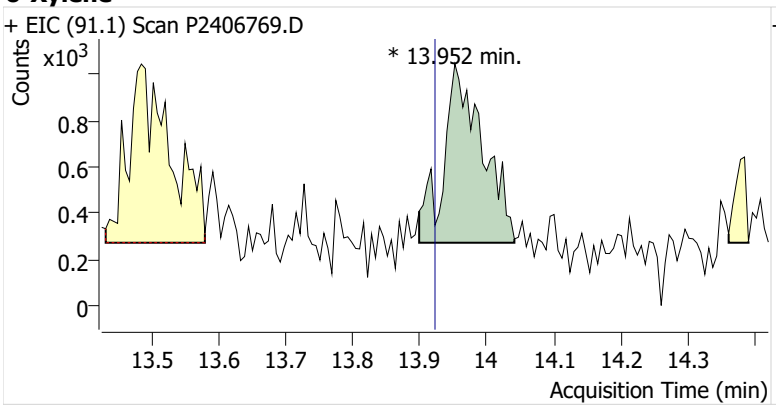


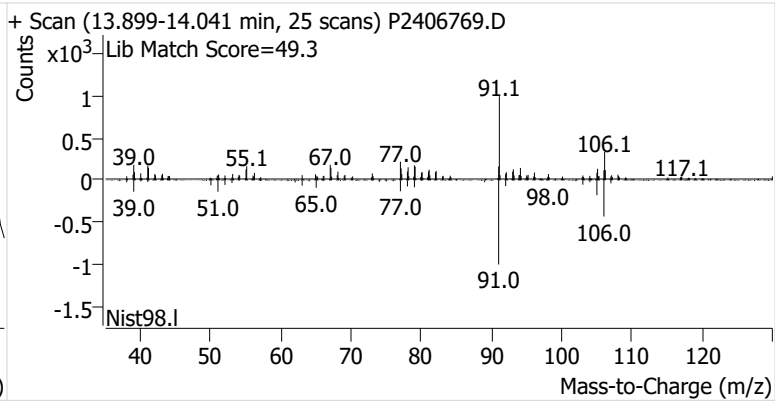
m-/p-Xylenes





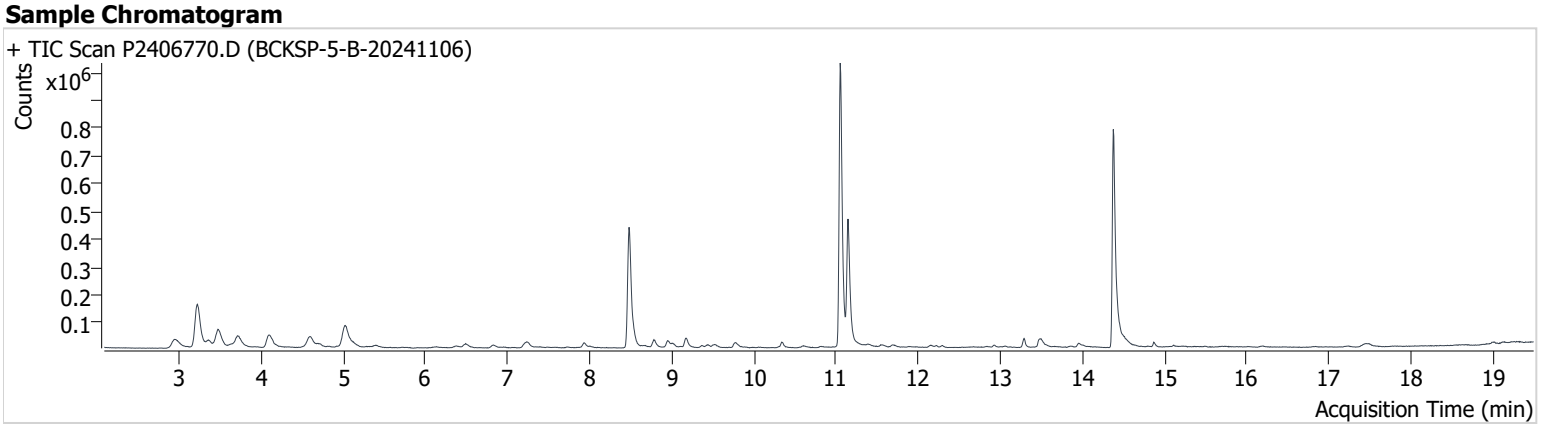
o-Xylene


+ EIC (91.1) Scan P2406769.D
Counts
x10^3
* 13.952 min.
0.8
0.6
0.4
0.2
0
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.899-14.041 min, 25 scans) P2406769.D
Counts
x10^3
Lib Match Score=49.3
91.1
1
0.5
0
-0.5
-1
-1.5
39.0
55.1
67.0
77.0
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

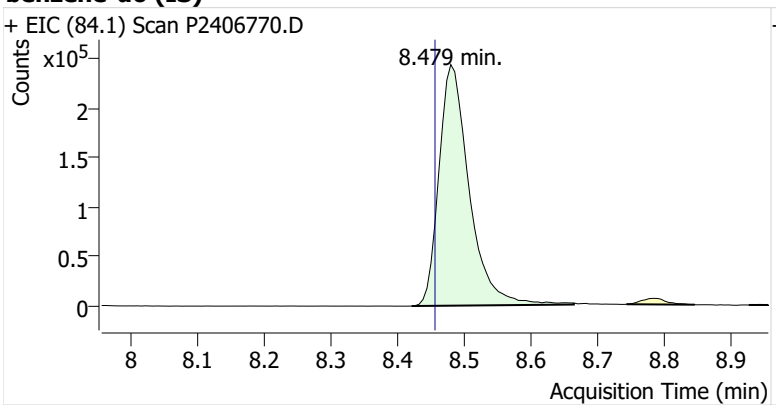
Name	BCKSP-5-B-20241106
Comment	B38565
Data File	P2406770.D
Acq. Date-Time	11/22/2024 3:17:42 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

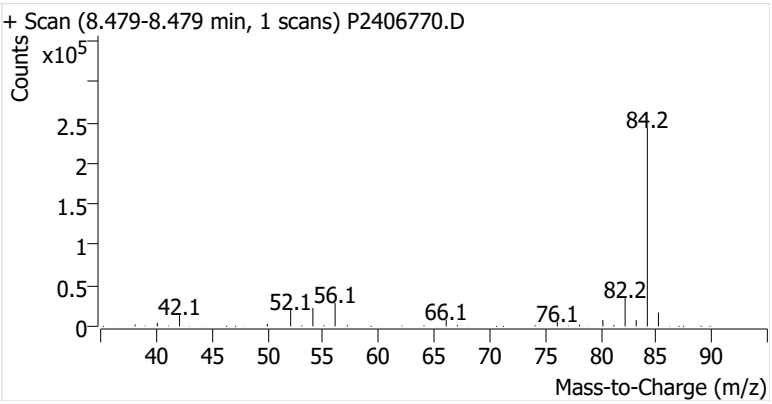
Sample Chromatogram



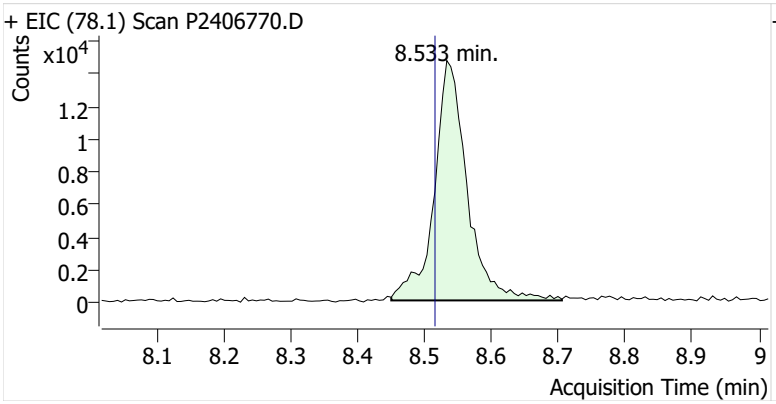
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.479	8.456	765,503	
Benzene	benzene-d6 (IS)	8.533	8.515	50,344	
Toluene-d8 (IS)		11.050	11.032	1,135,889	
Toluene	Toluene-d8 (IS)	11.144	11.121	535,307	
Ethylbenzene	Toluene-d8 (IS)	13.287	13.252	34,933	
m-/p-Xylenes	Toluene-d8 (IS)	13.483	13.459	53,117	
o-Xylene	Toluene-d8 (IS)	13.958	13.922	21,061	

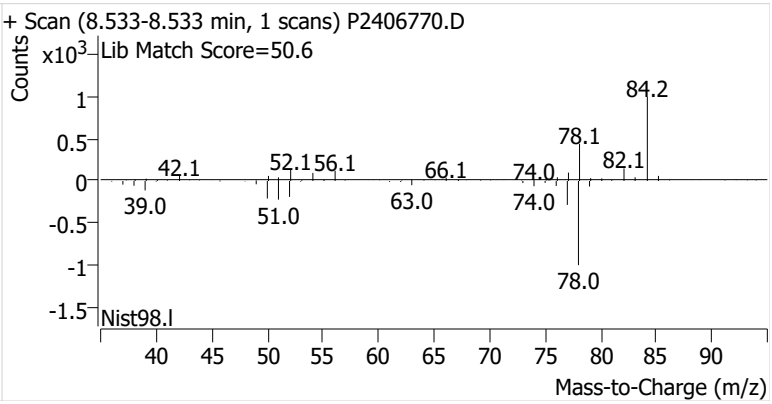
benzene-d6 (IS)



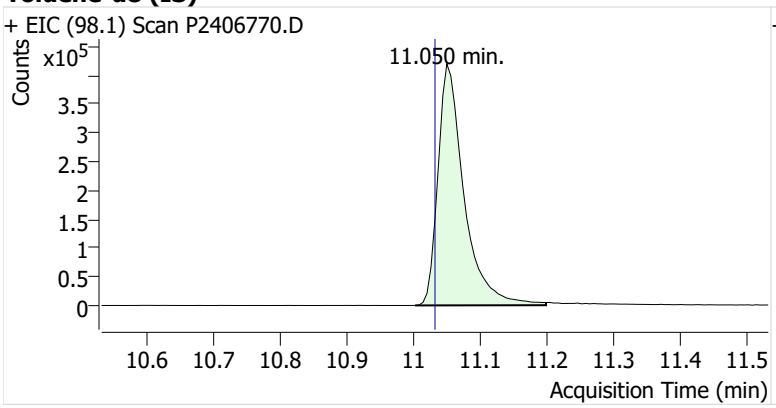


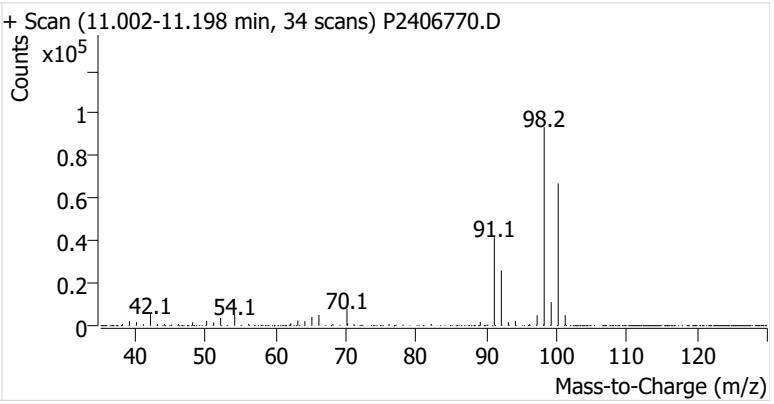
Benzene



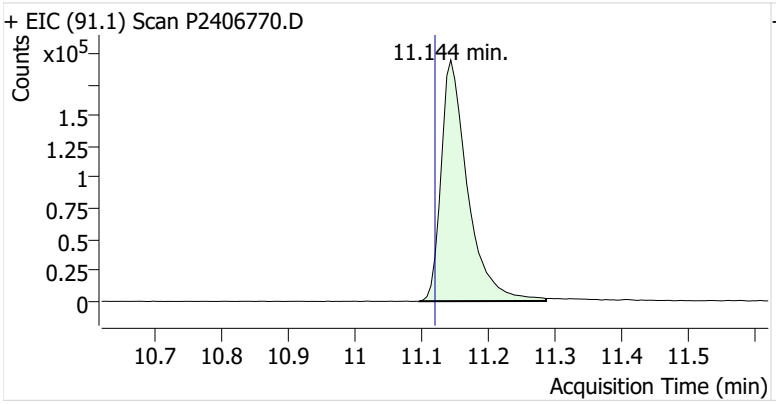


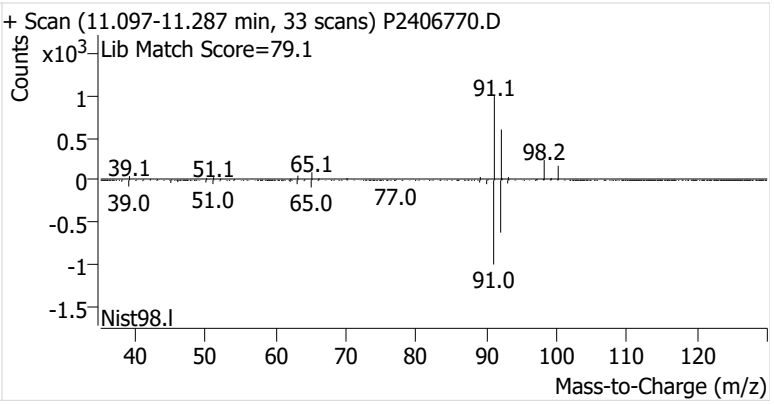
Toluene-d8 (IS)



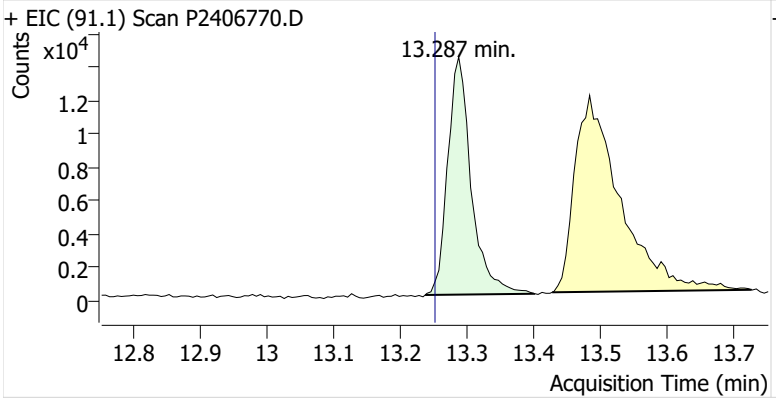


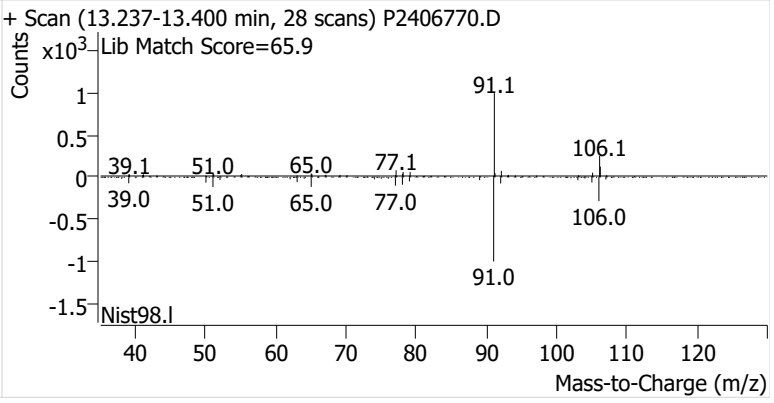
Toluene



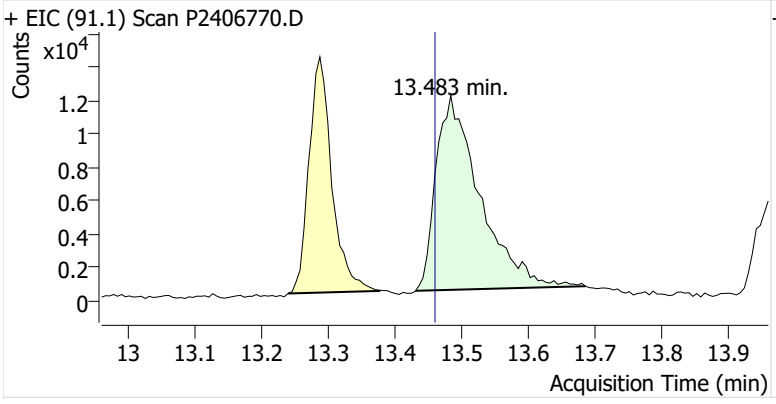


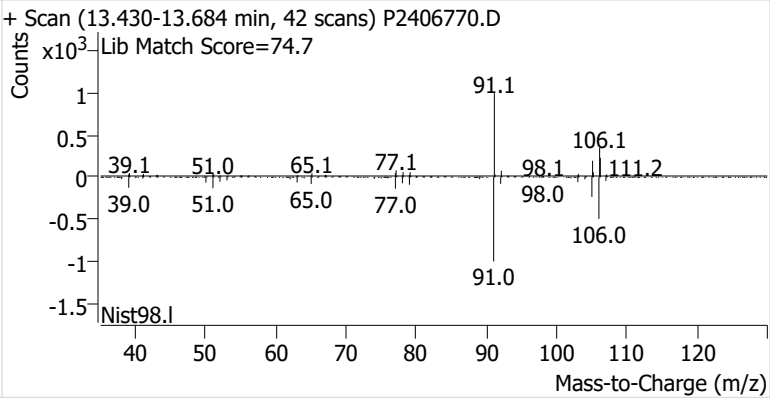
Ethylbenzene



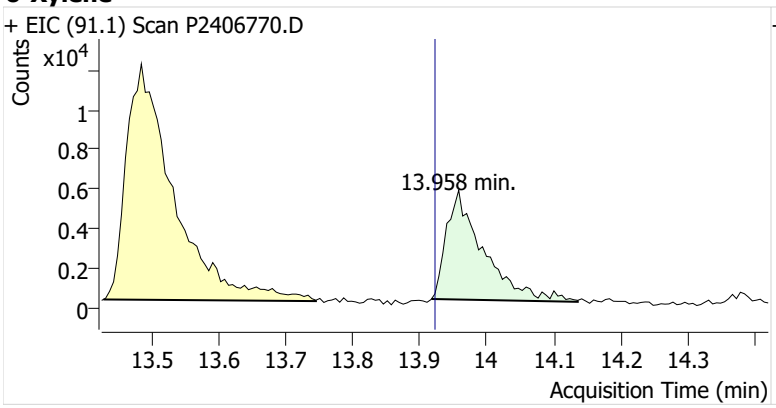


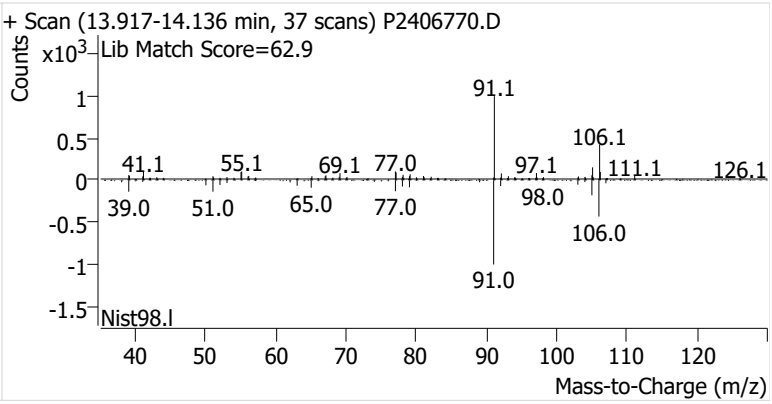
m-/p-Xylenes





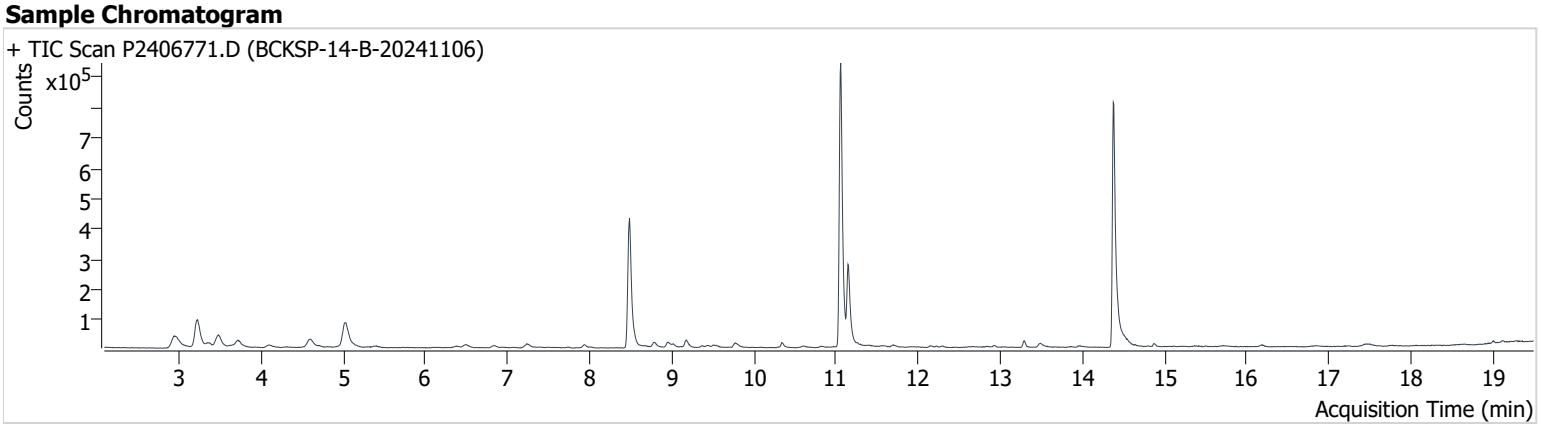
o-Xylene


+ EIC (91.1) Scan P2406770.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.958 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.917-14.136 min, 37 scans) P2406770.D
Lib Match Score=62.9
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.0
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

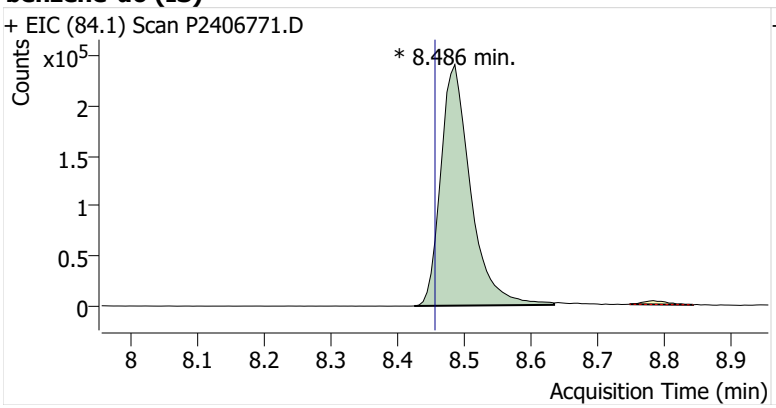
Name	BCKSP-14-B-20241106
Comment	C38860
Data File	P2406771.D
Acq. Date-Time	11/22/2024 3:54:57 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

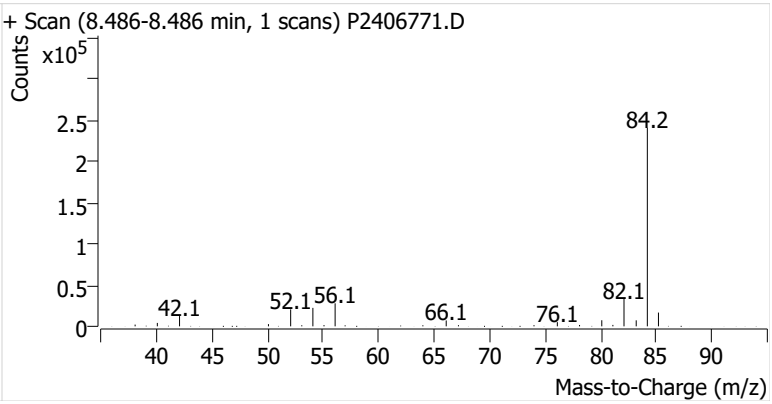
Sample Chromatogram



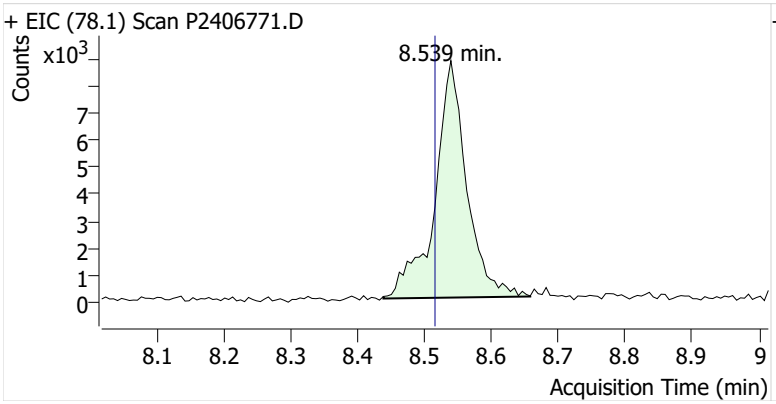
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.486	8.456	747,761	m
Benzene	benzene-d6 (IS)	8.539	8.515	29,090	
Toluene-d8 (IS)		11.056	11.032	1,067,210	
Toluene	Toluene-d8 (IS)	11.151	11.121	310,471	
Ethylbenzene	Toluene-d8 (IS)	13.287	13.252	23,385	
m-/p-Xylenes	Toluene-d8 (IS)	13.477	13.459	20,271	
o-Xylene	Toluene-d8 (IS)	13.958	13.922	6,791	

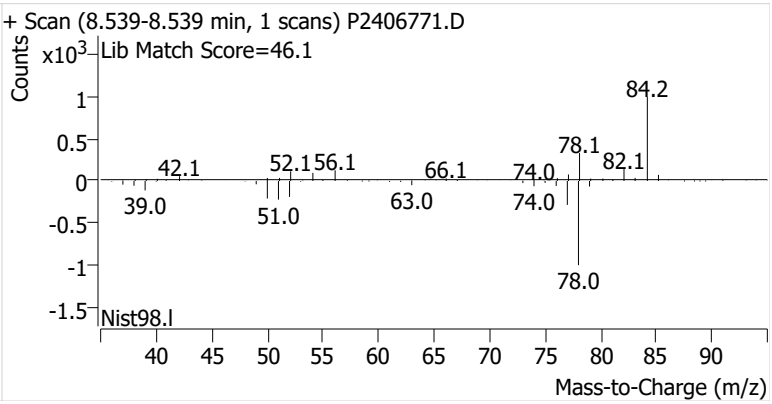
benzene-d6 (IS)



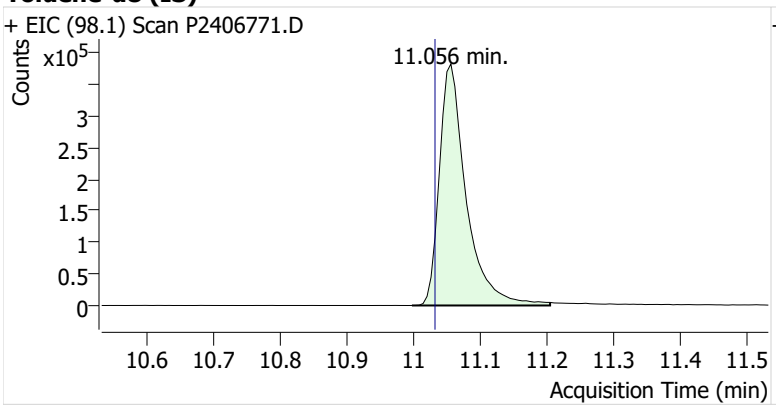


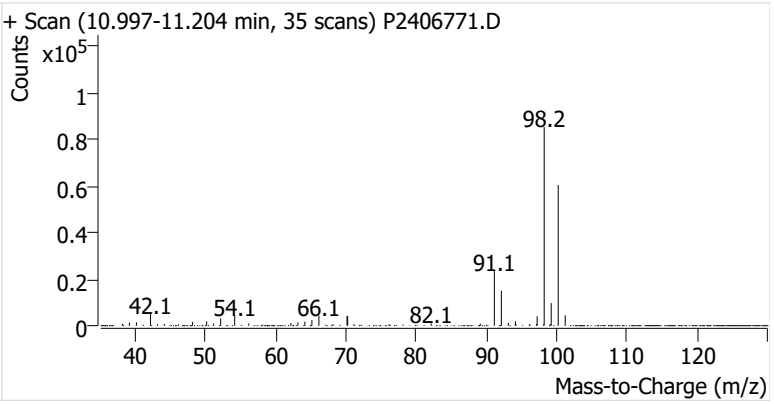
Benzene



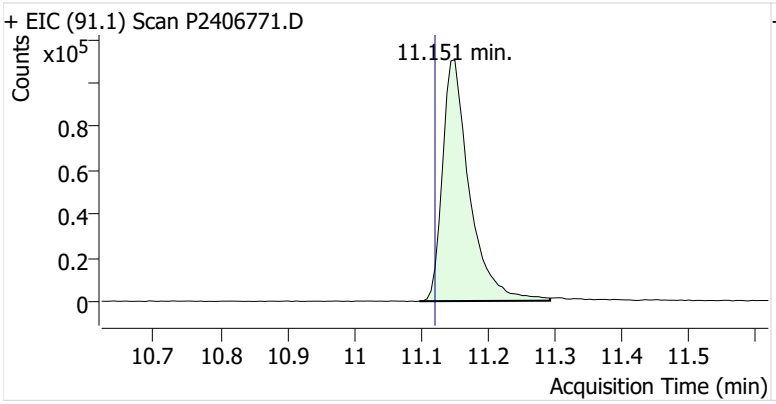


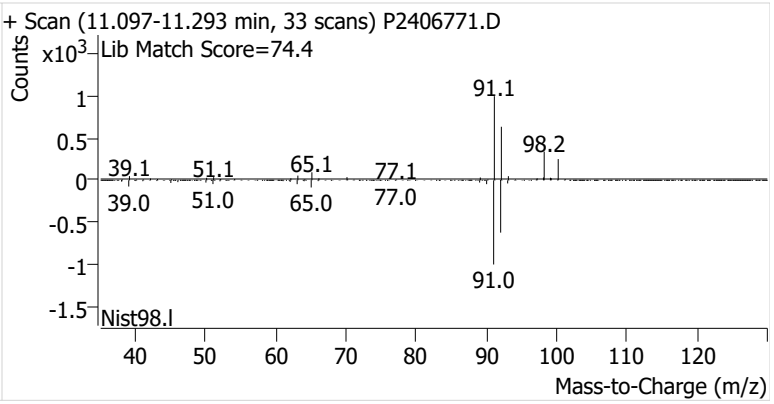
Toluene-d8 (IS)



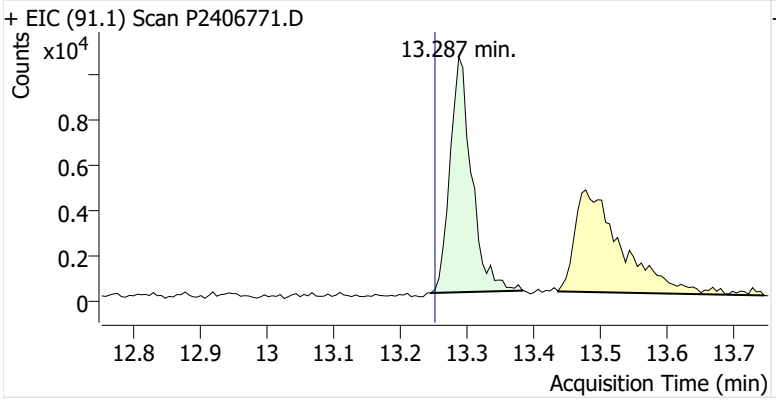


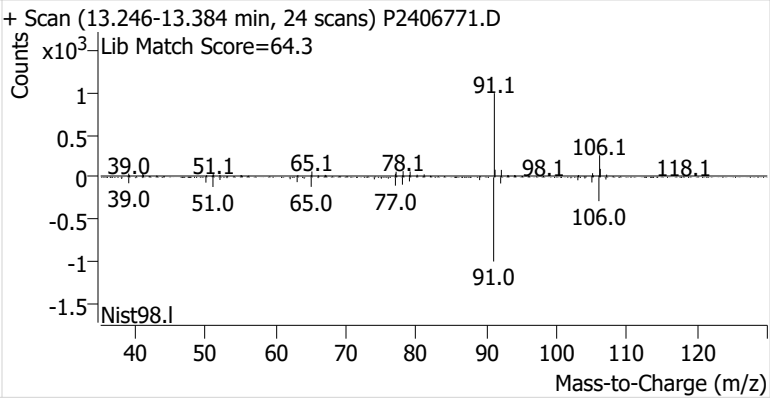
Toluene



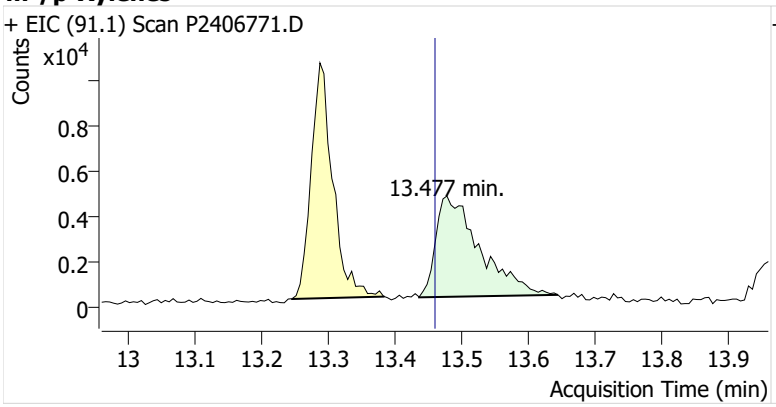


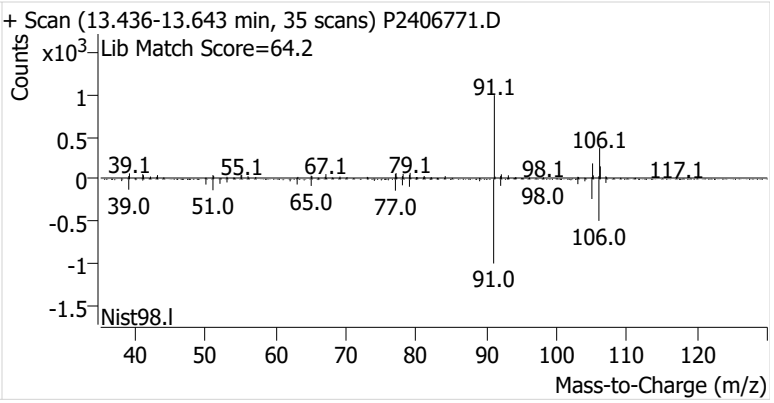
Ethylbenzene



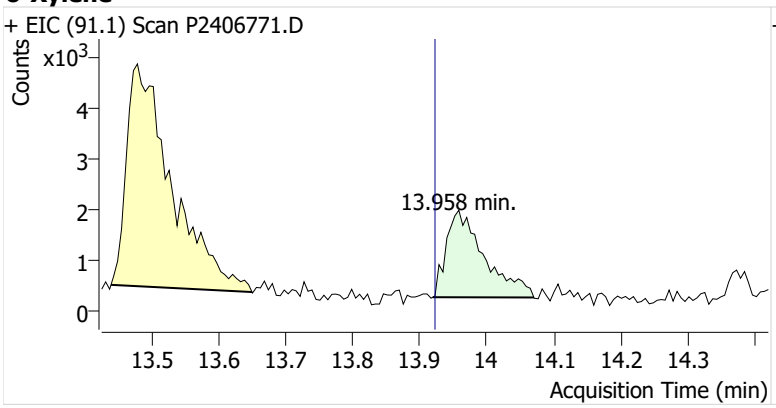


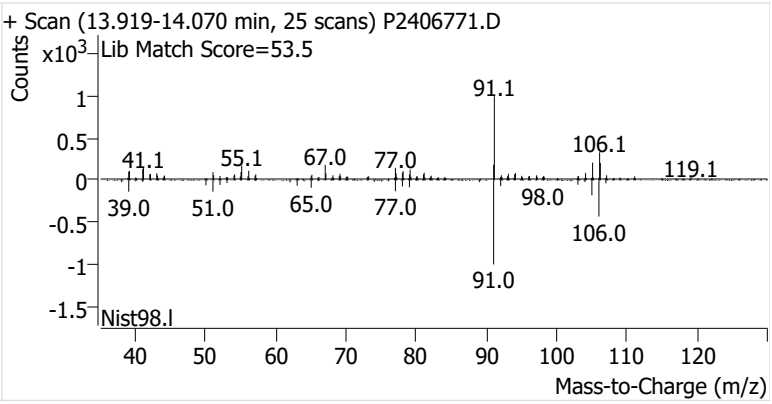
m-/p-Xylenes





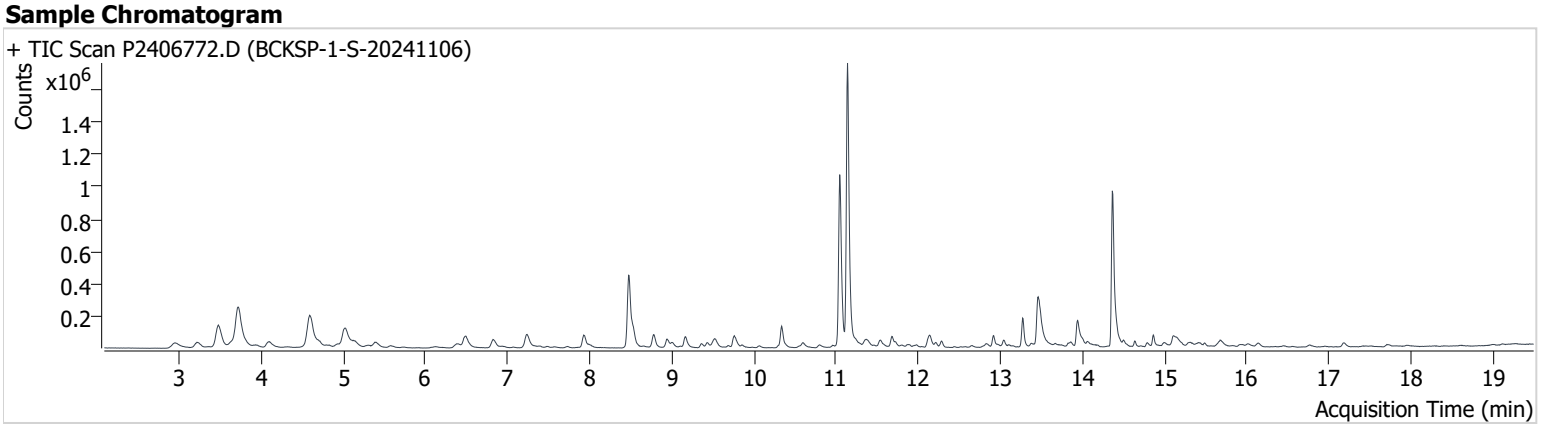
o-Xylene


+ EIC (91.1) Scan P2406771.D
Counts
x10^3
4
3
2
1
0
13.958 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.919-14.070 min, 25 scans) P2406771.D
Lib Match Score=53.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
119.1
41.1
55.1
67.0
77.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

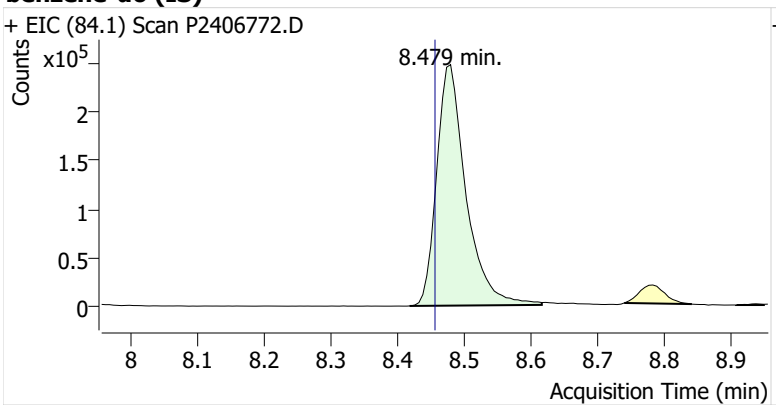
Name	BCKSP-1-S-20241106
Comment	B34800
Data File	P2406772.D
Acq. Date-Time	11/22/2024 4:32:13 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

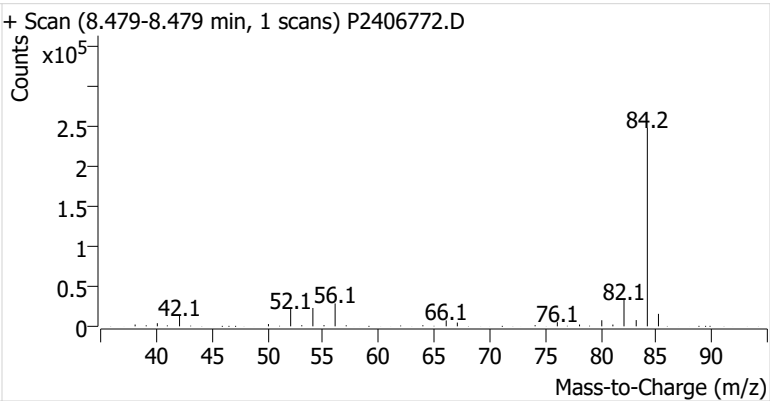
Sample Chromatogram



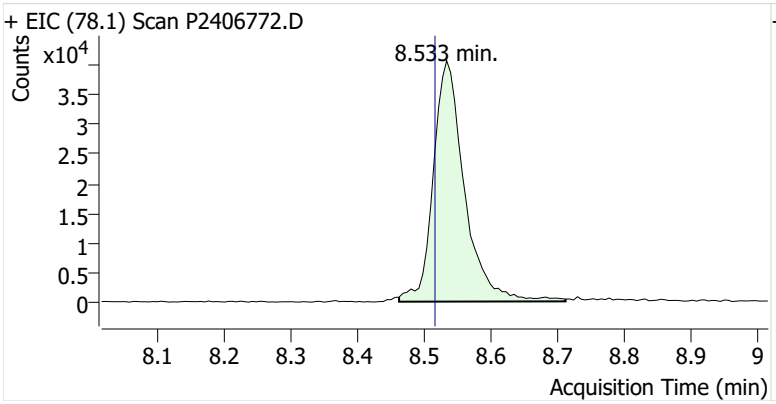
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.479	8.456	756,102	
Benzene	benzene-d6 (IS)	8.533	8.515	132,175	
Toluene-d8 (IS)		11.043	11.032	1,073,938	
Toluene	Toluene-d8 (IS)	11.138	11.121	1,918,439	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	181,345	
m-/p-Xylenes	Toluene-d8 (IS)	13.459	13.459	470,770	
o-Xylene	Toluene-d8 (IS)	13.940	13.922	197,083	

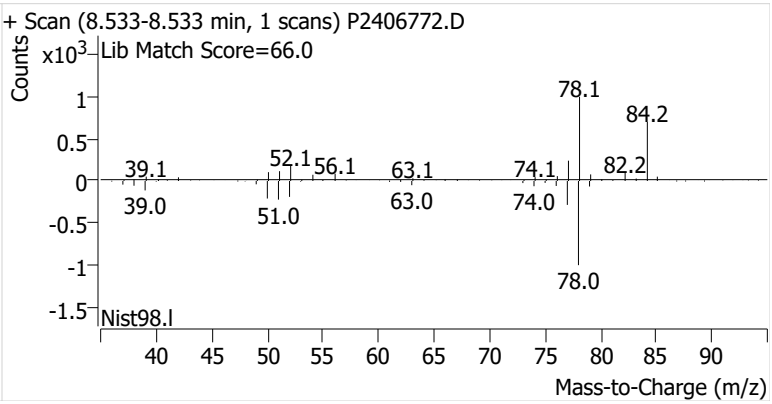
benzene-d6 (IS)



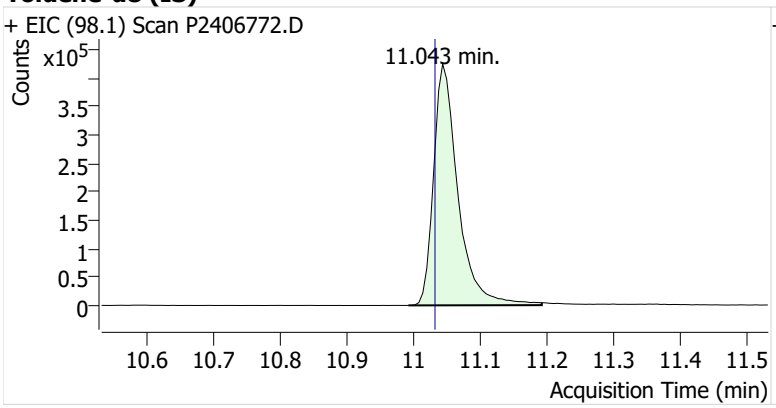


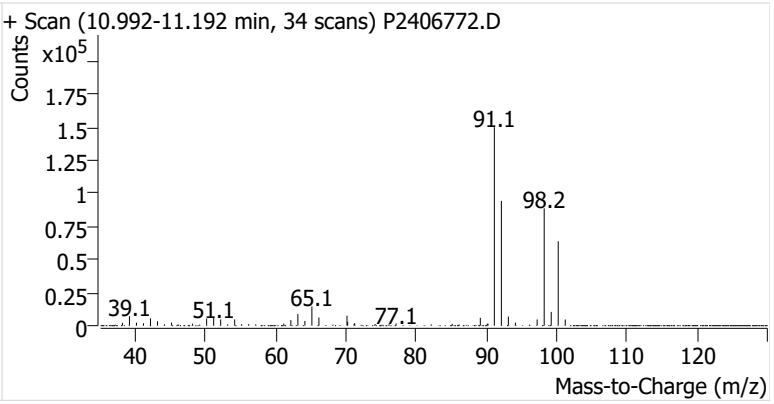
Benzene



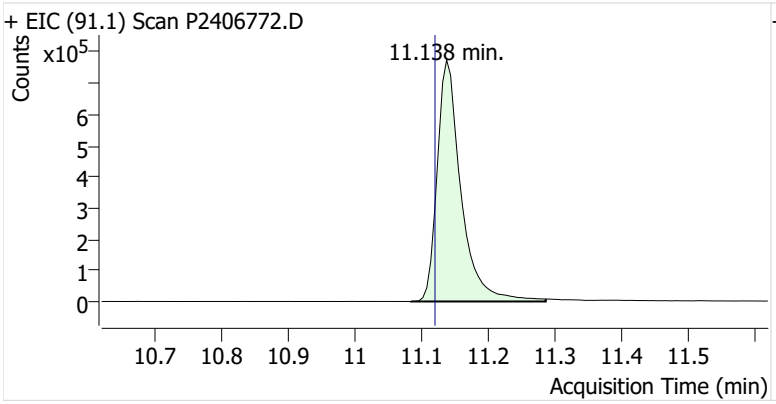


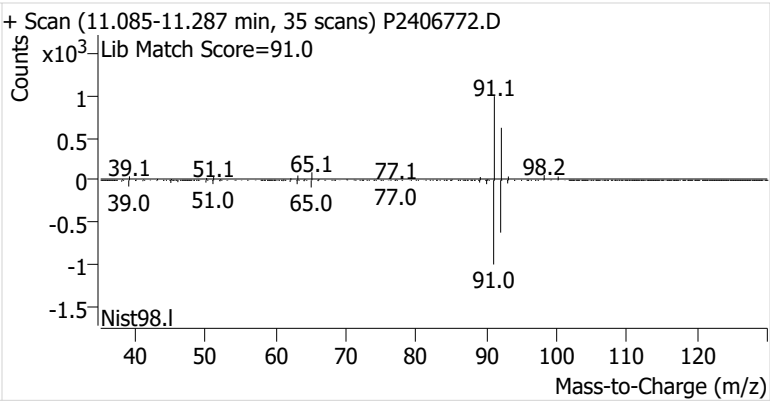
Toluene-d8 (IS)



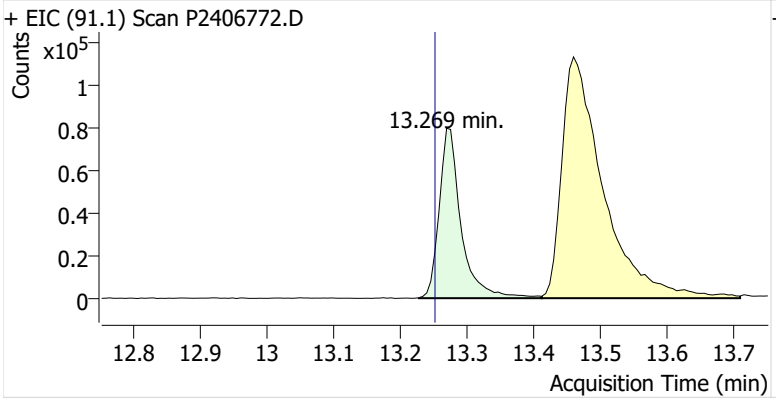


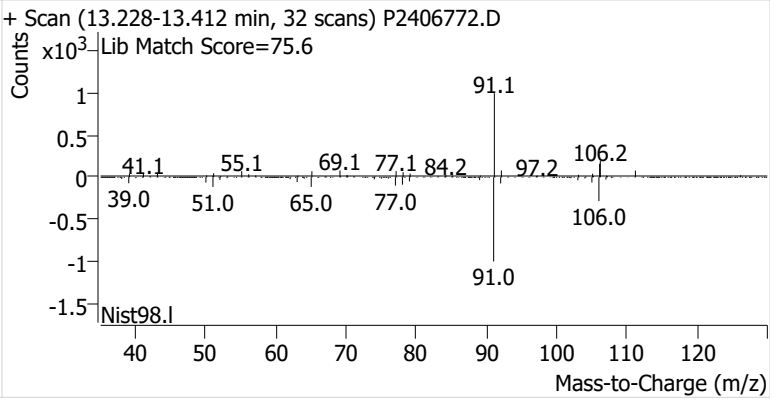
Toluene



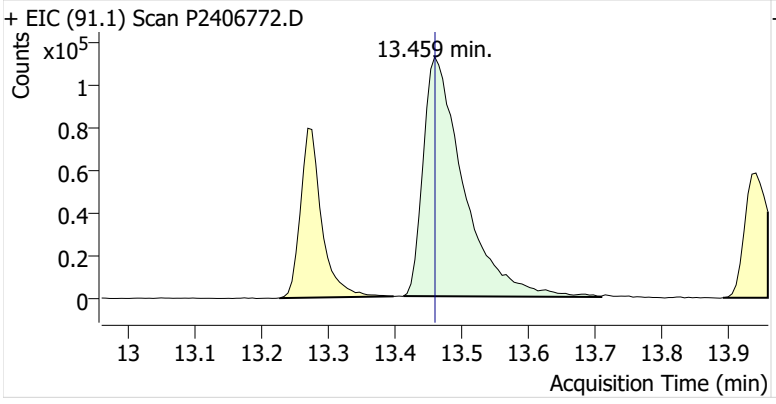


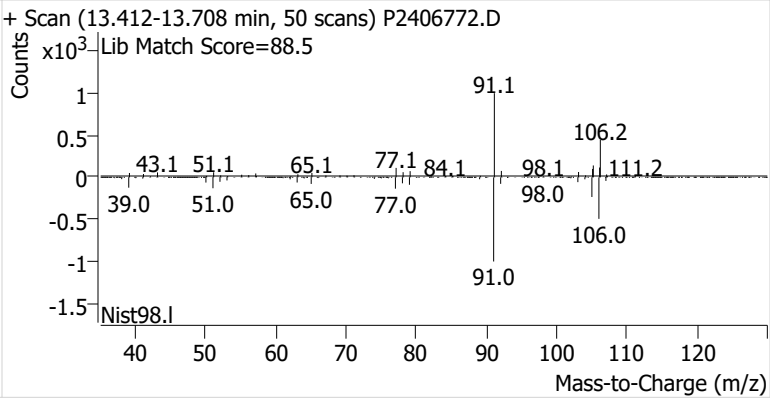
Ethylbenzene



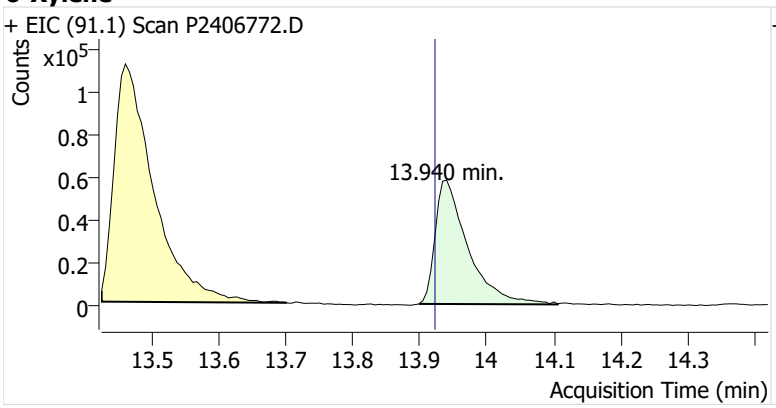


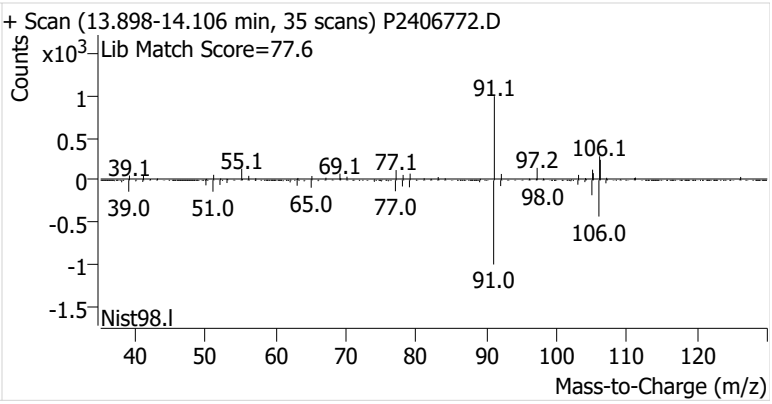
m-/p-Xylenes





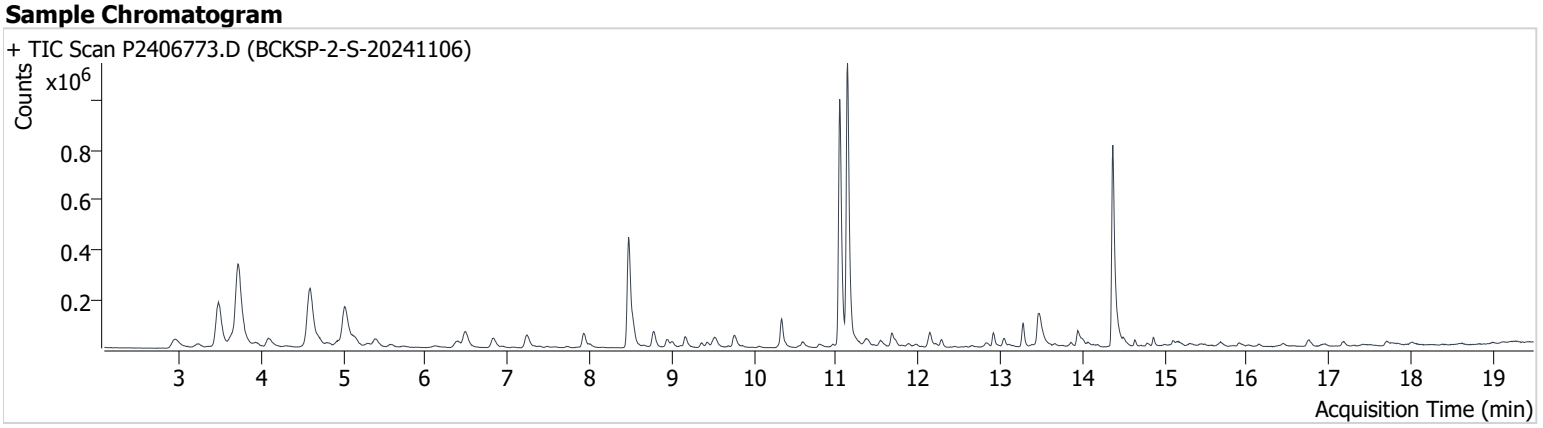
o-Xylene


+ EIC (91.1) Scan P2406772.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.940 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.898-14.106 min, 35 scans) P2406772.D
Counts
x10^3
Lib Match Score=77.6
1
0.5
0
-0.5
-1
-1.5
91.1
39.1
55.1
69.1
77.1
97.2
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

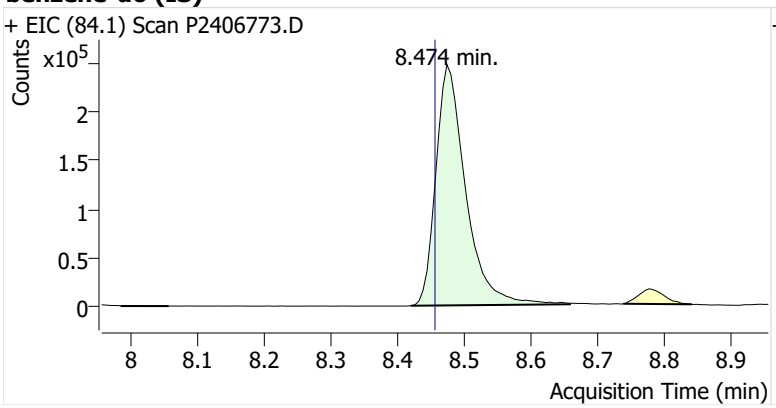
Name	BCKSP-2-S-20241106
Comment	B21034
Data File	P2406773.D
Acq. Date-Time	11/22/2024 5:09:28 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

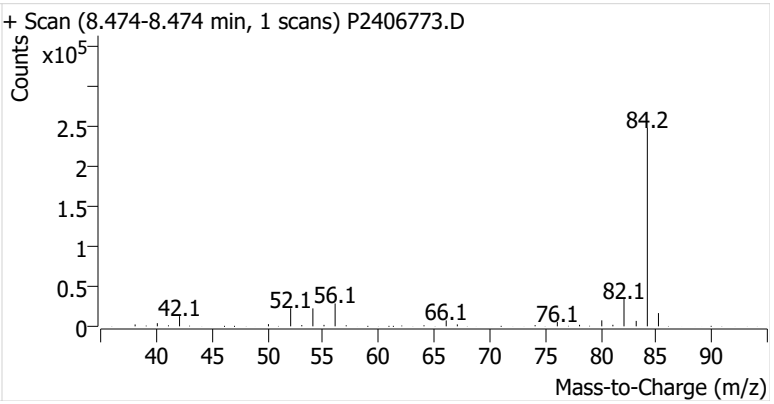
Sample Chromatogram



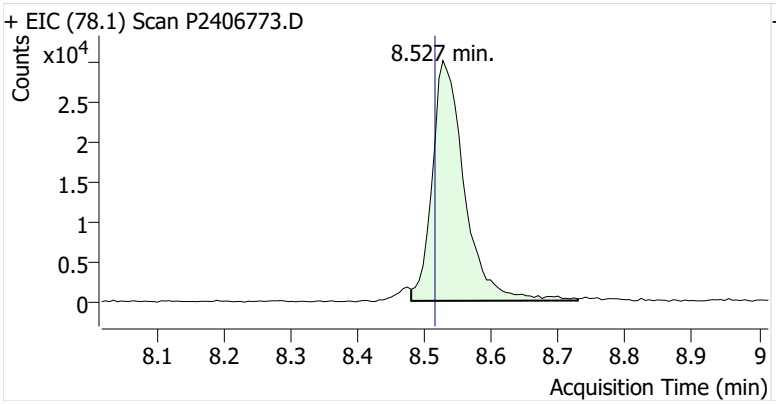
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	768,731	
Benzene	benzene-d6 (IS)	8.527	8.515	100,205	
Toluene-d8 (IS)		11.044	11.032	1,062,440	
Toluene	Toluene-d8 (IS)	11.139	11.121	1,327,285	
Ethylbenzene	Toluene-d8 (IS)	13.275	13.252	99,557	
m-/p-Xylenes	Toluene-d8 (IS)	13.471	13.459	233,975	
o-Xylene	Toluene-d8 (IS)	13.940	13.922	84,920	

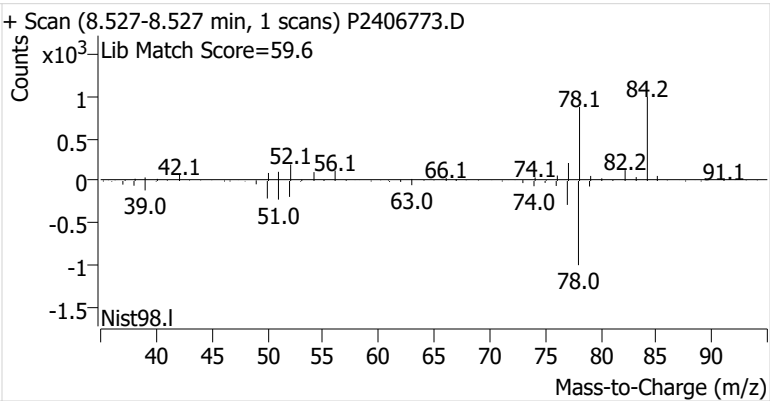
benzene-d6 (IS)



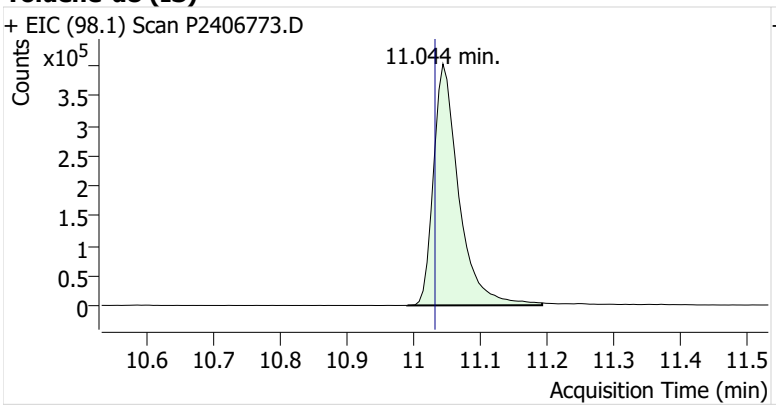


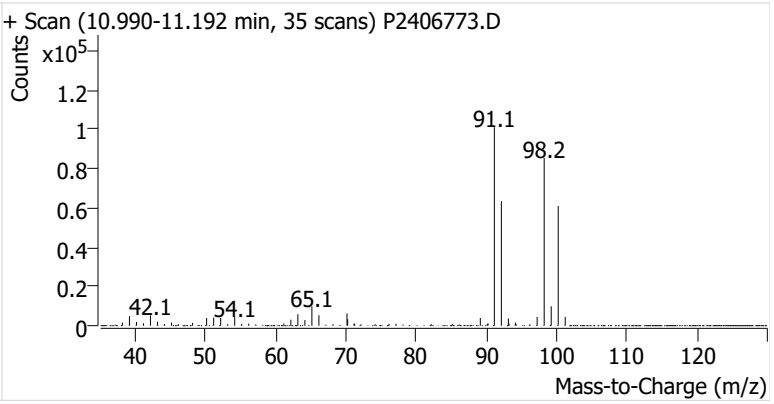
Benzene



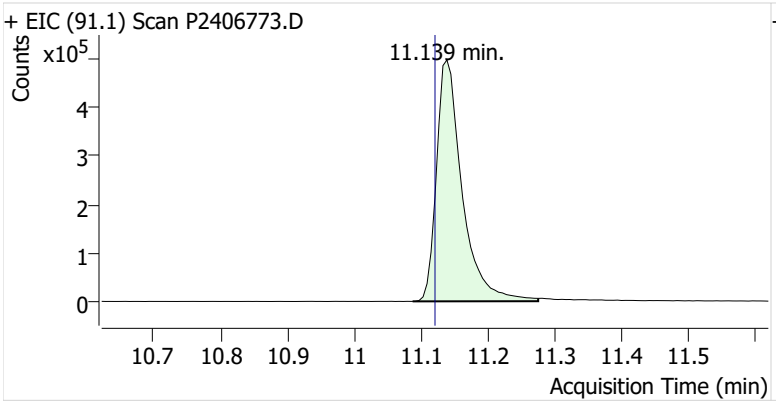


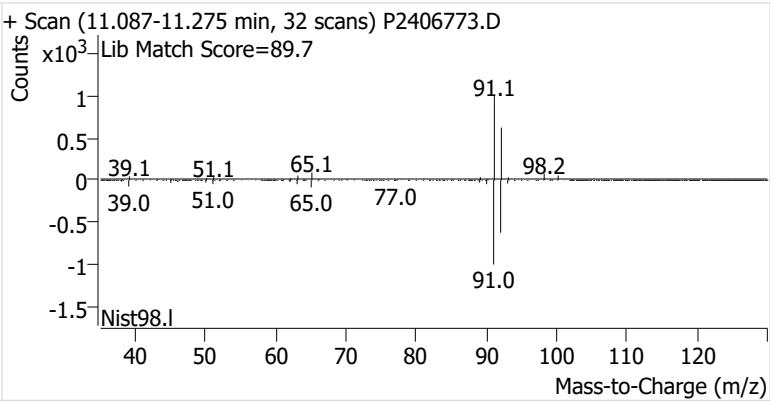
Toluene-d8 (IS)



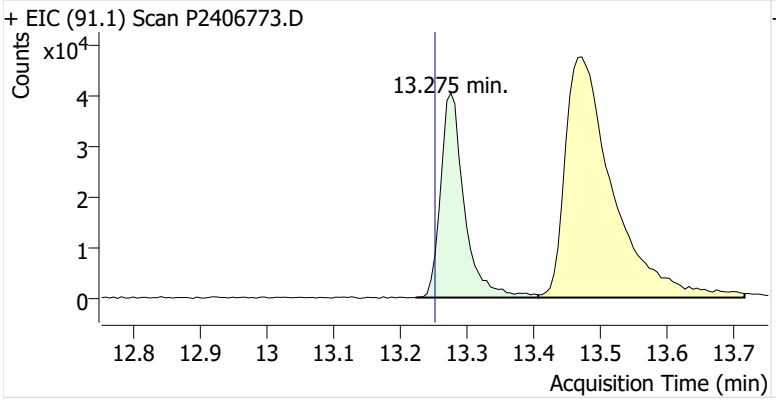


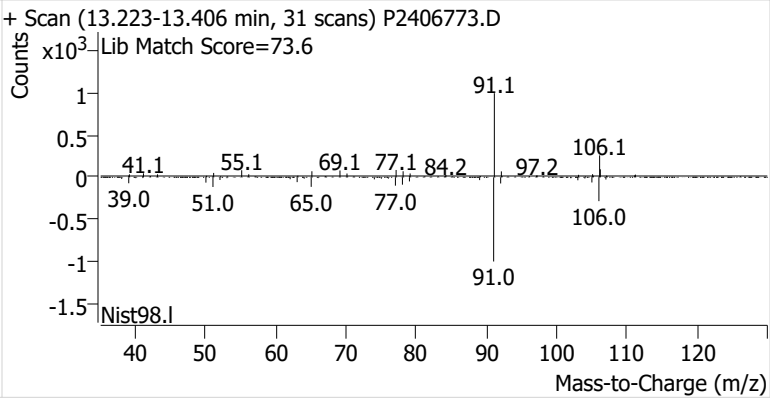
Toluene



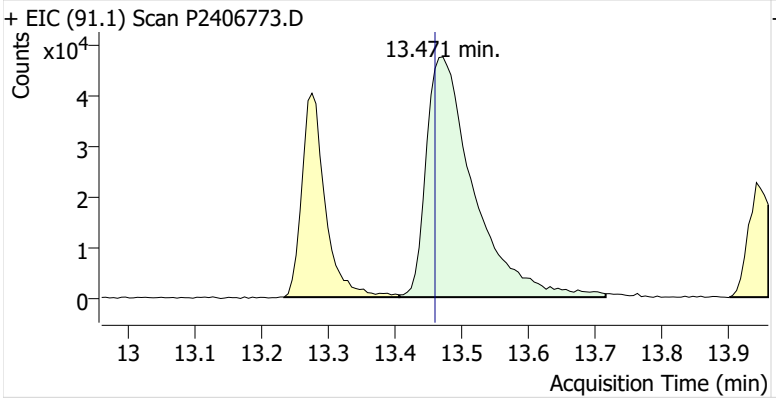


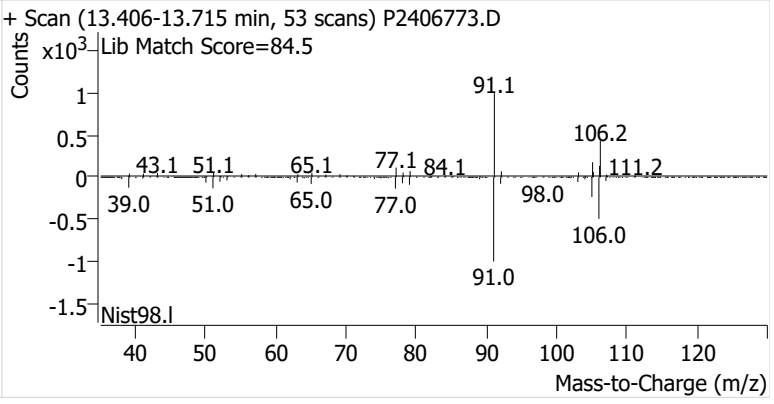
Ethylbenzene



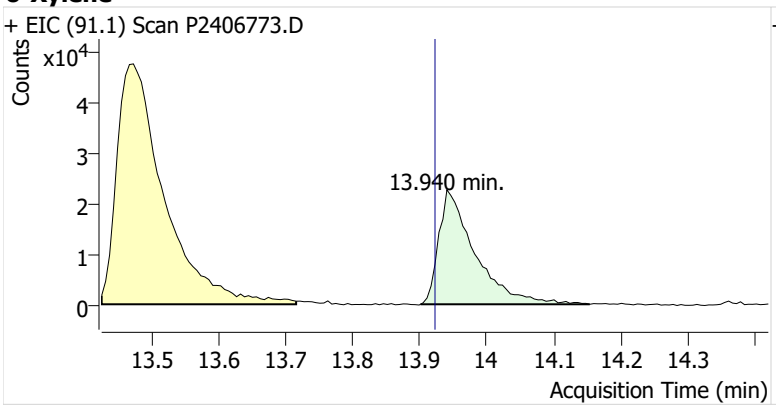


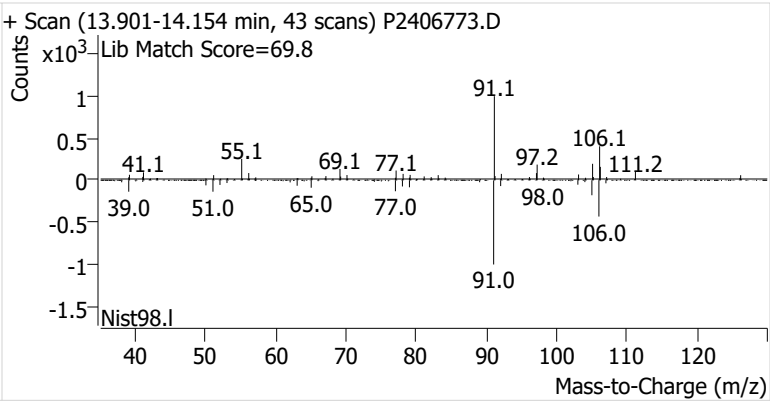
m-/p-Xylenes





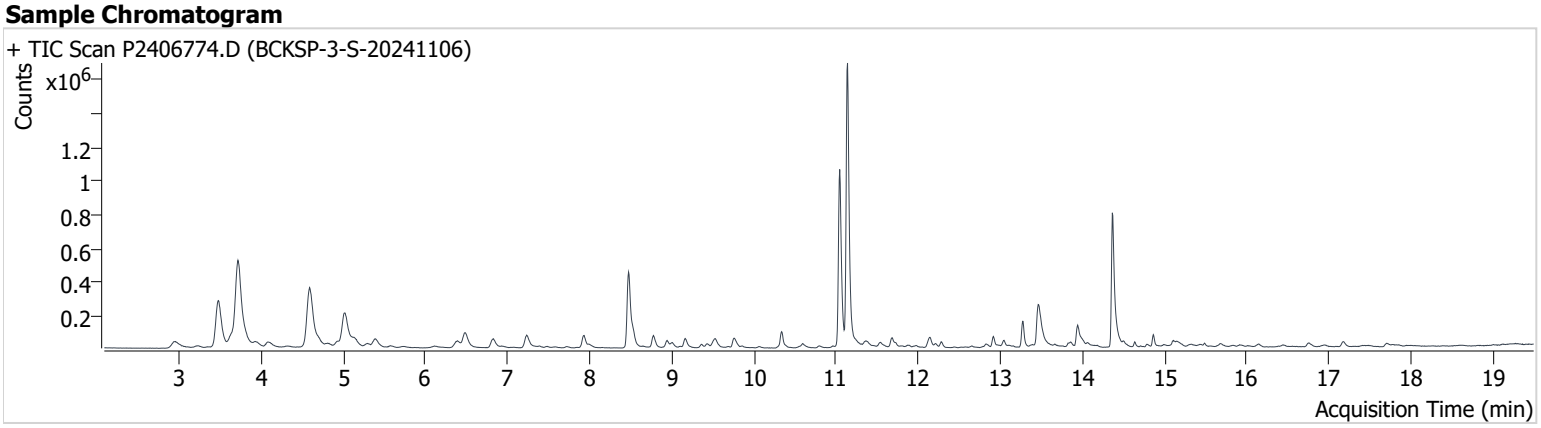
o-Xylene


+ EIC (91.1) Scan P2406773.D
Counts
x10^4
4
3
2
1
0
13.940 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.901-14.154 min, 43 scans) P2406773.D
Counts
x10^3
Lib Match Score=69.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

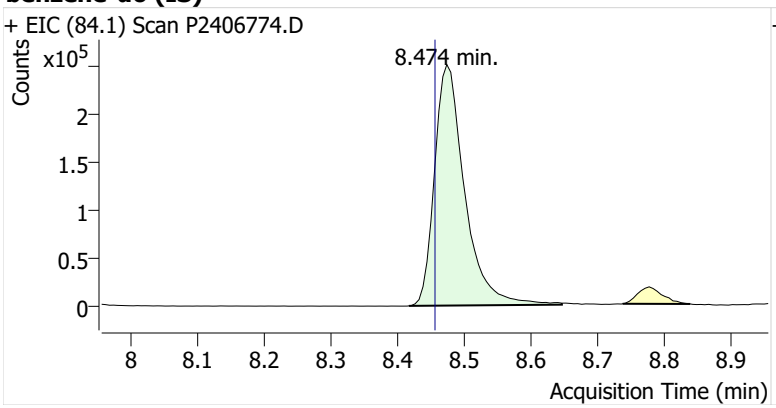
Name	BCKSP-3-S-20241106
Comment	B20972
Data File	P2406774.D
Acq. Date-Time	11/22/2024 5:46:55 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

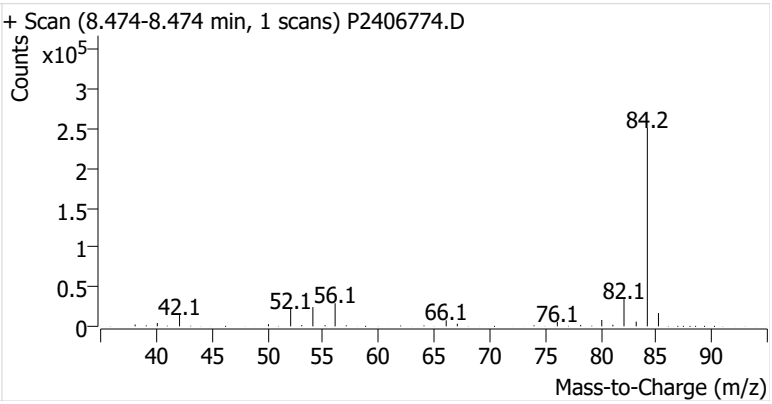
Sample Chromatogram



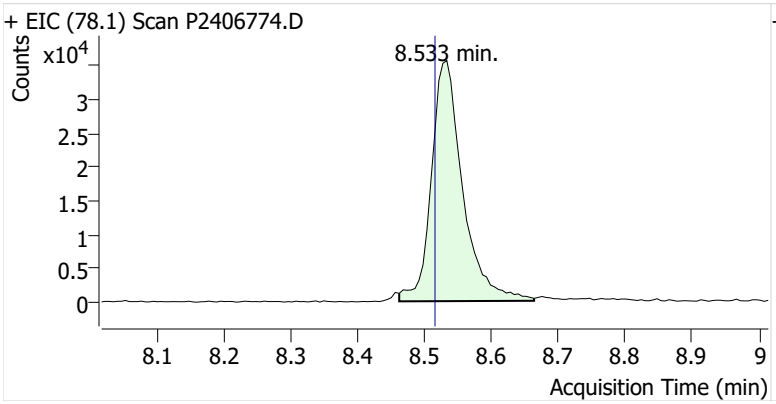
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	785,353	
Benzene	benzene-d6 (IS)	8.533	8.515	115,585	
Toluene-d8 (IS)		11.044	11.032	1,099,379	
Toluene	Toluene-d8 (IS)	11.139	11.121	1,941,803	
Ethylbenzene	Toluene-d8 (IS)	13.275	13.252	160,841	
m-/p-Xylenes	Toluene-d8 (IS)	13.465	13.459	390,154	
o-Xylene	Toluene-d8 (IS)	13.940	13.922	167,284	

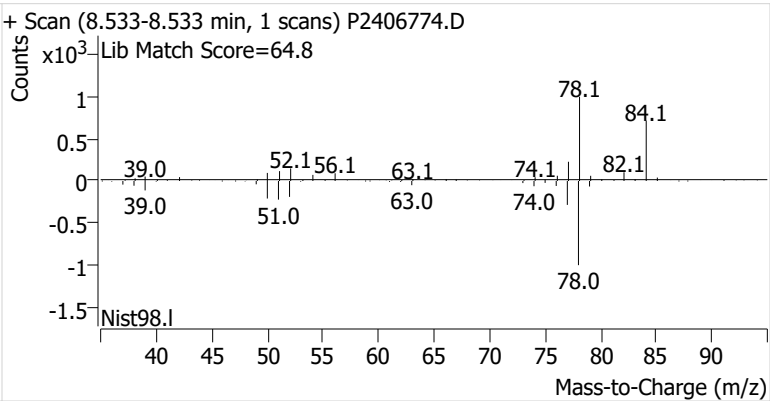
benzene-d6 (IS)



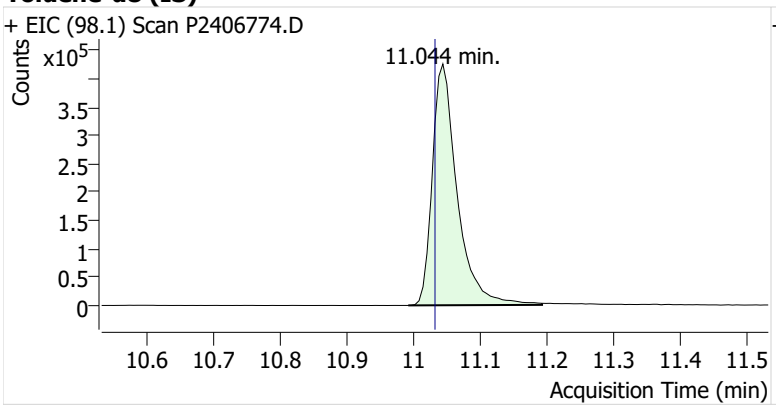


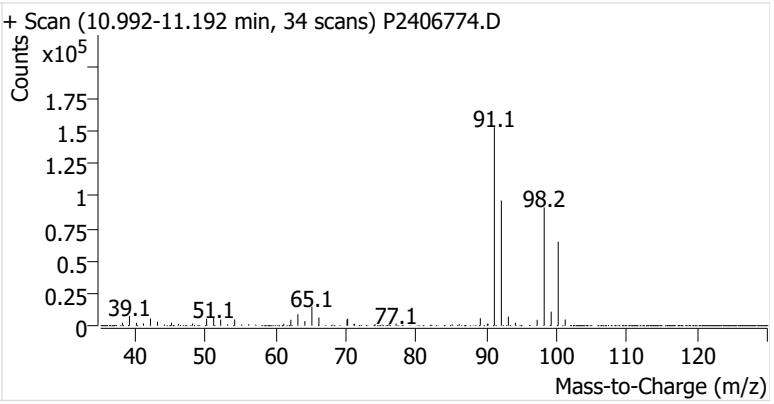
Benzene



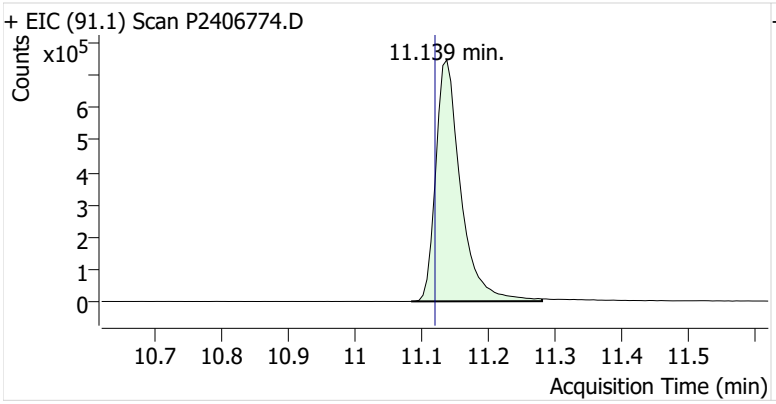


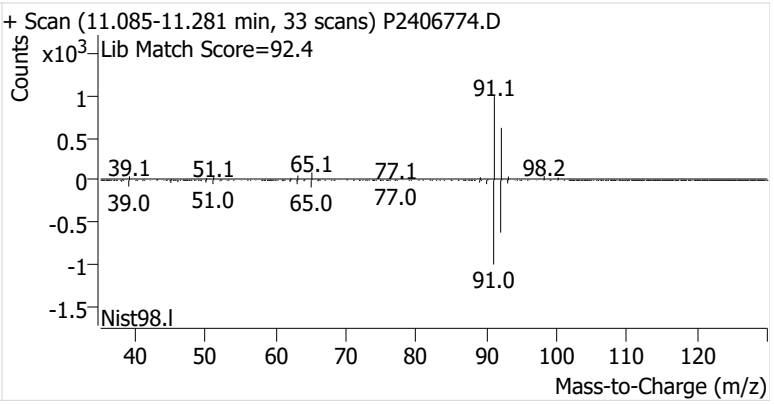
Toluene-d8 (IS)



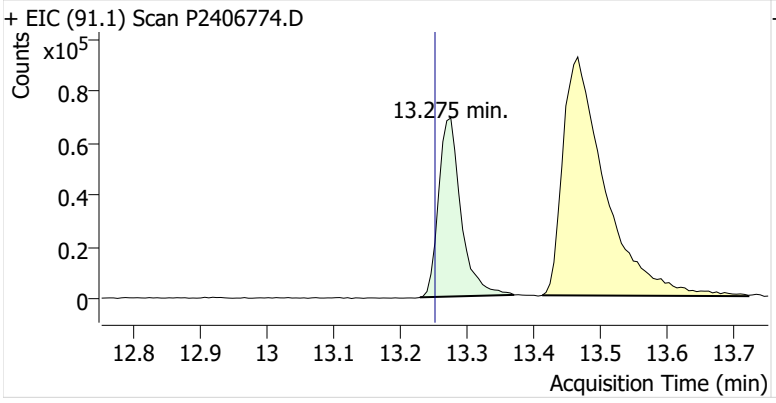


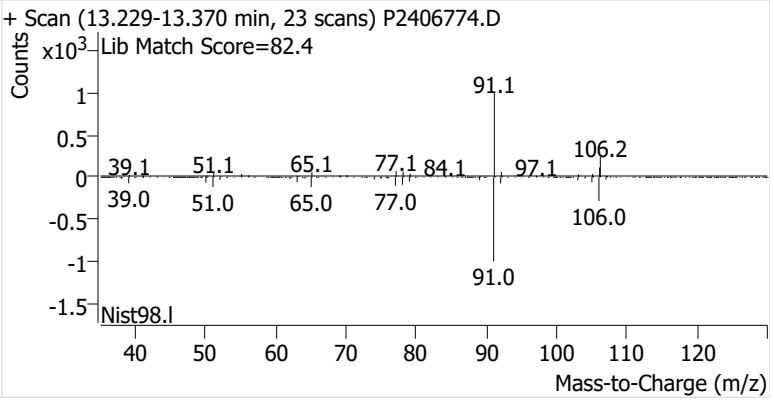
Toluene



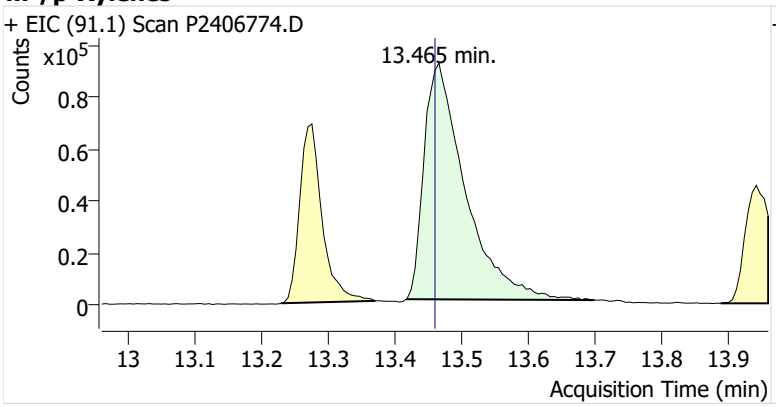


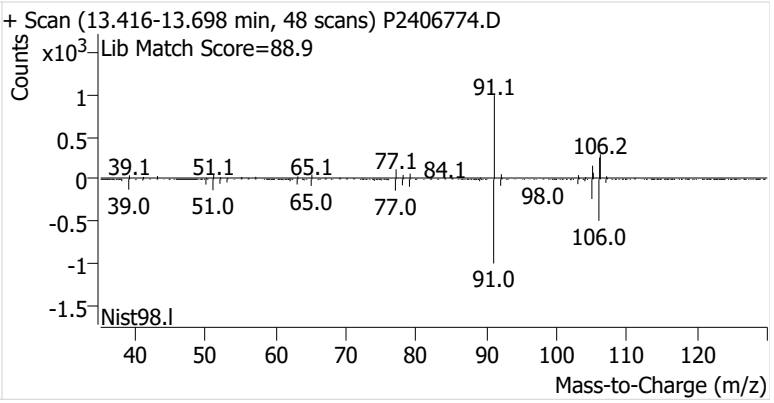
Ethylbenzene



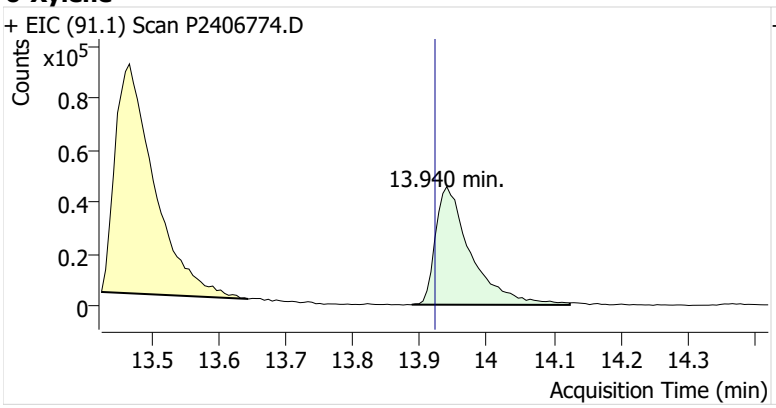


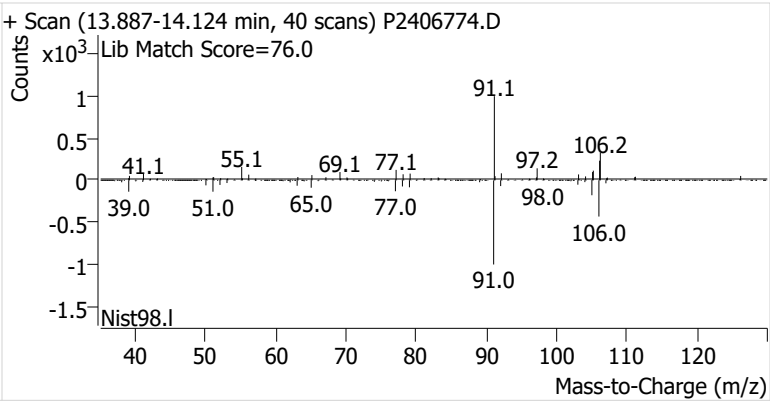
m-/p-Xylenes





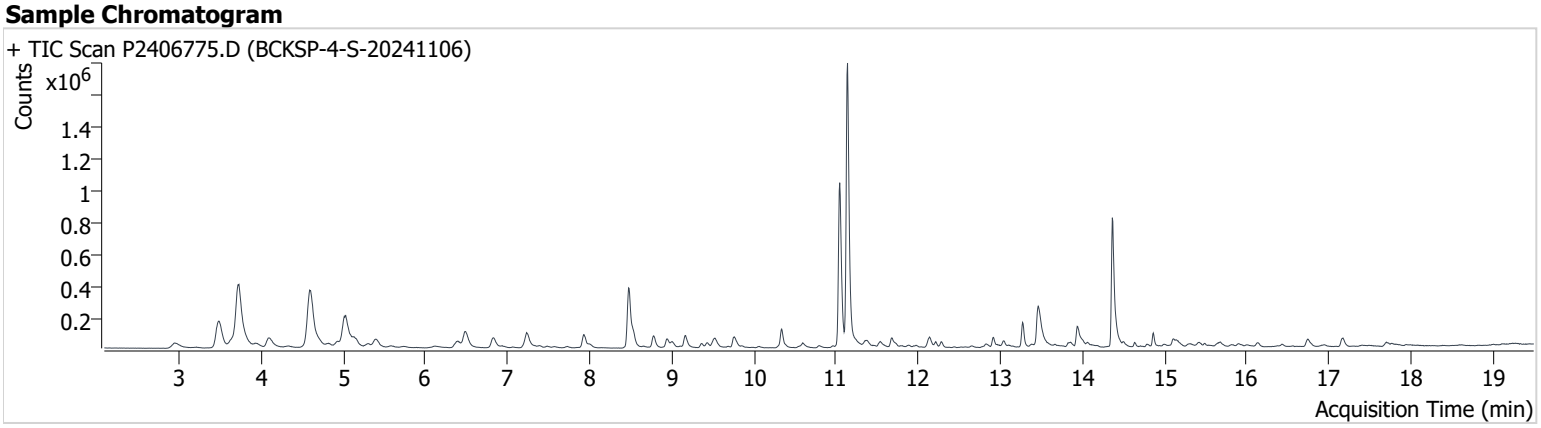
o-Xylene


+ EIC (91.1) Scan P2406774.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.940 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.887-14.124 min, 40 scans) P2406774.D
Counts
x10^3
Lib Match Score=76.0
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
41.1
55.1
69.1
77.1
97.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

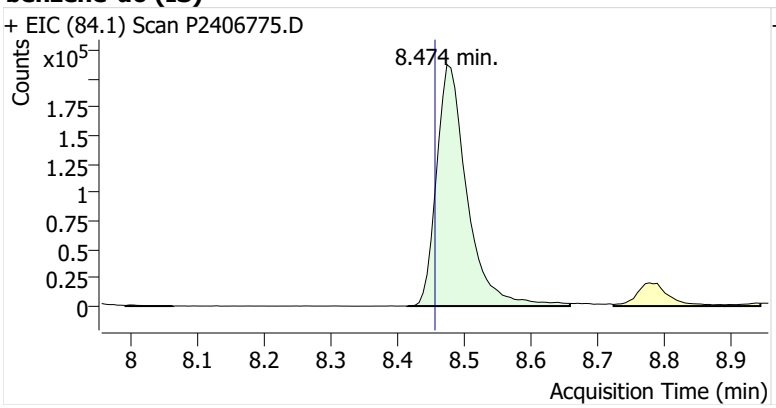
Name	BCKSP-4-S-20241106
Comment	B27344
Data File	P2406775.D
Acq. Date-Time	11/22/2024 6:24:12 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

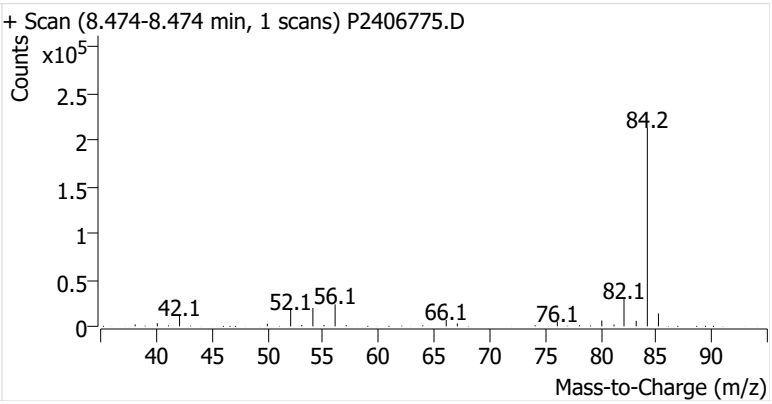
Sample Chromatogram



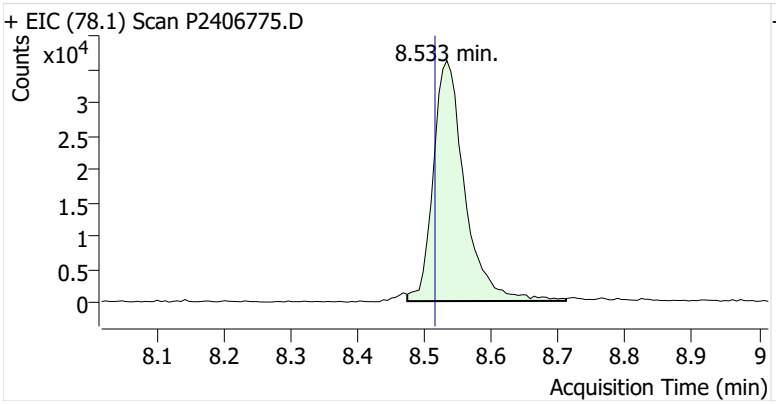
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	673,270	
Benzene	benzene-d6 (IS)	8.533	8.515	118,156	
Toluene-d8 (IS)		11.044	11.032	1,092,110	
Toluene	Toluene-d8 (IS)	11.139	11.121	2,029,033	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	165,173	
m-/p-Xylenes	Toluene-d8 (IS)	13.459	13.459	405,750	
o-Xylene	Toluene-d8 (IS)	13.940	13.922	161,099	

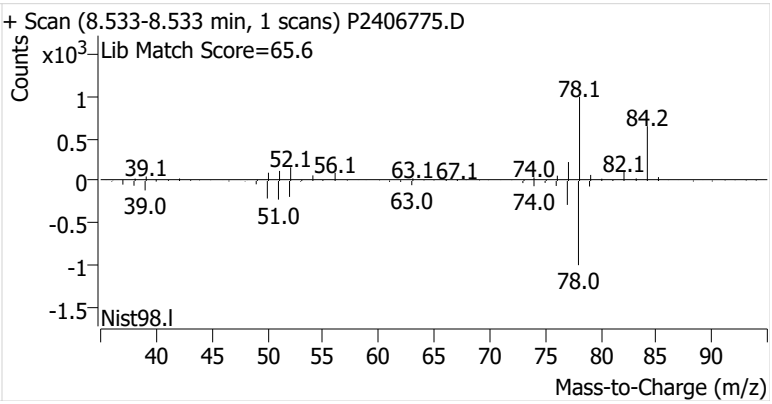
benzene-d6 (IS)



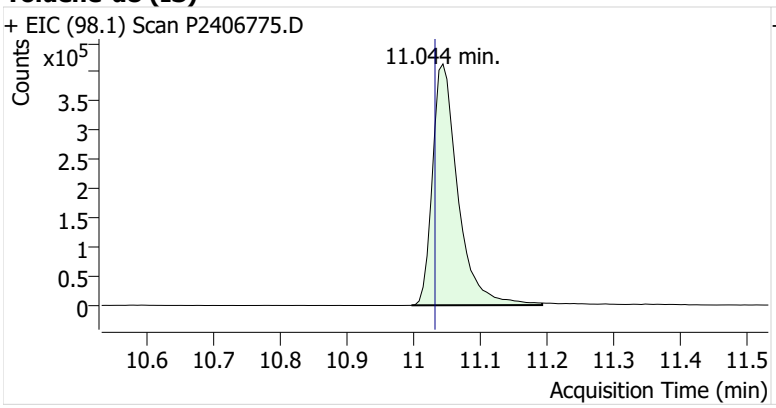


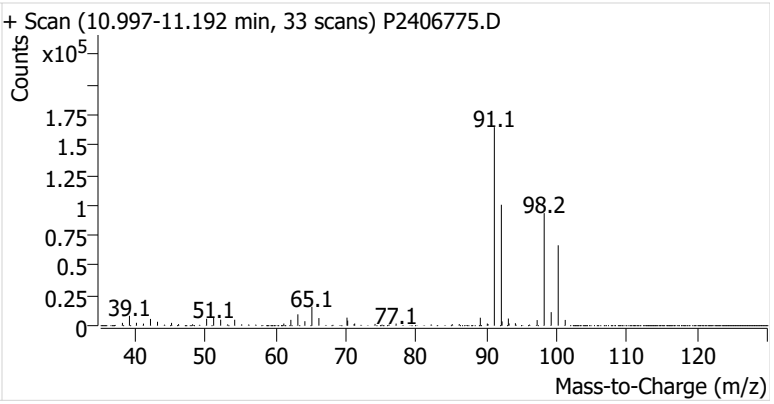
Benzene



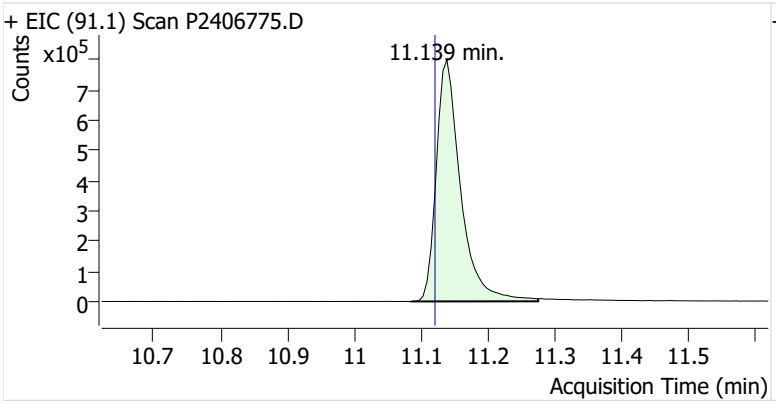


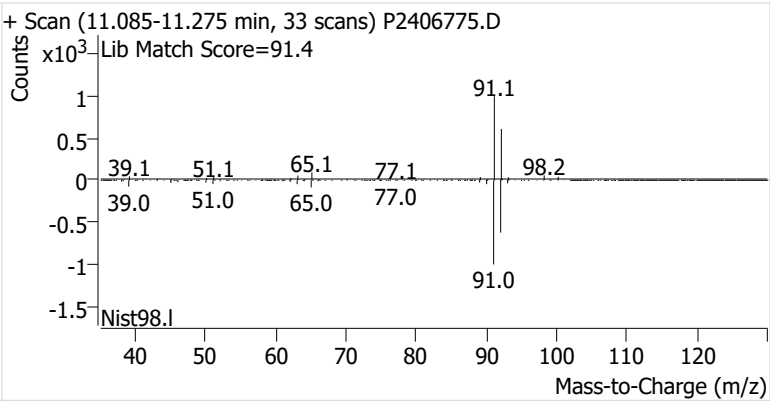
Toluene-d8 (IS)



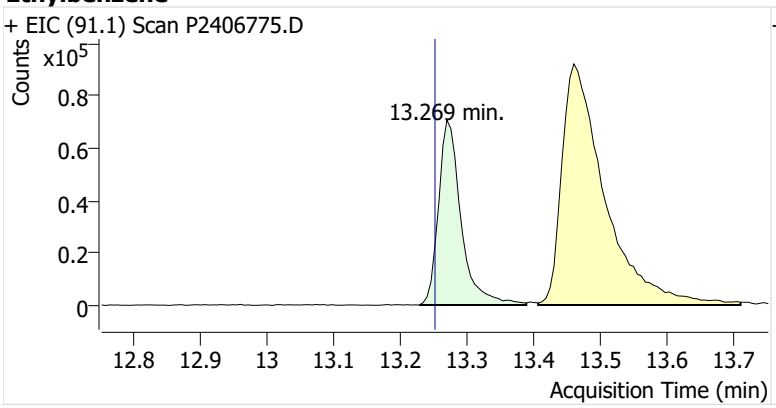


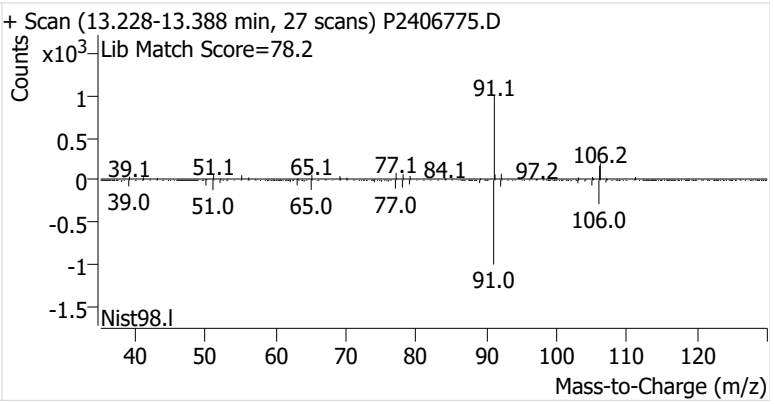
Toluene



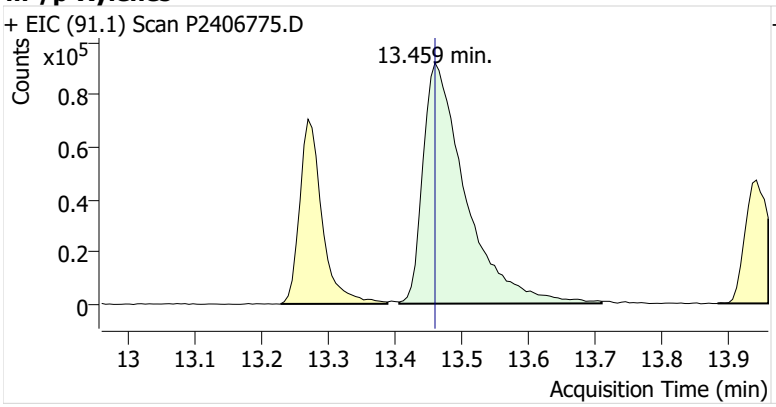


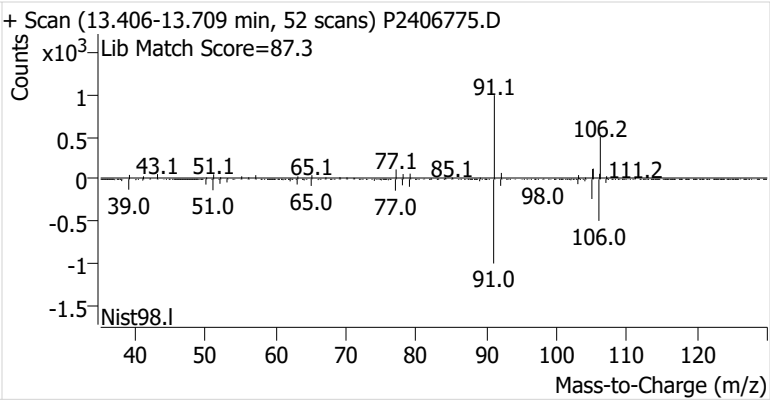
Ethylbenzene



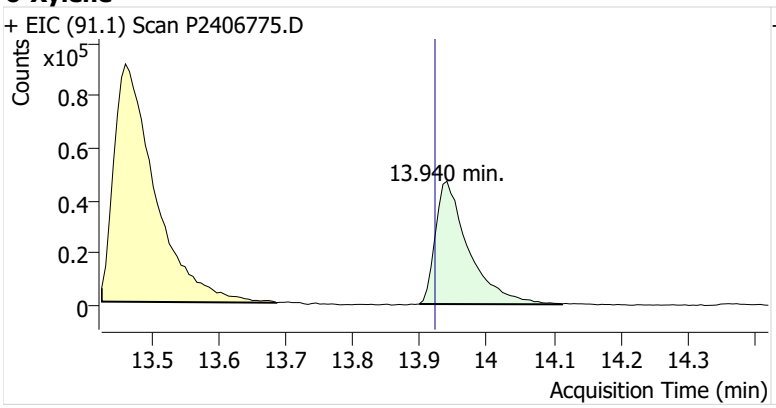


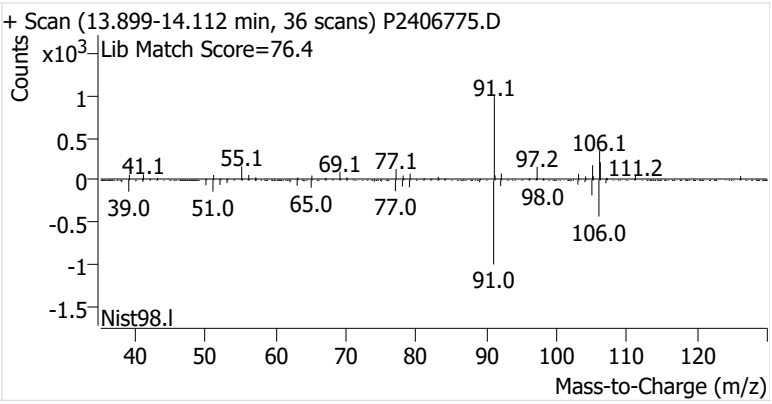
m-/p-Xylenes





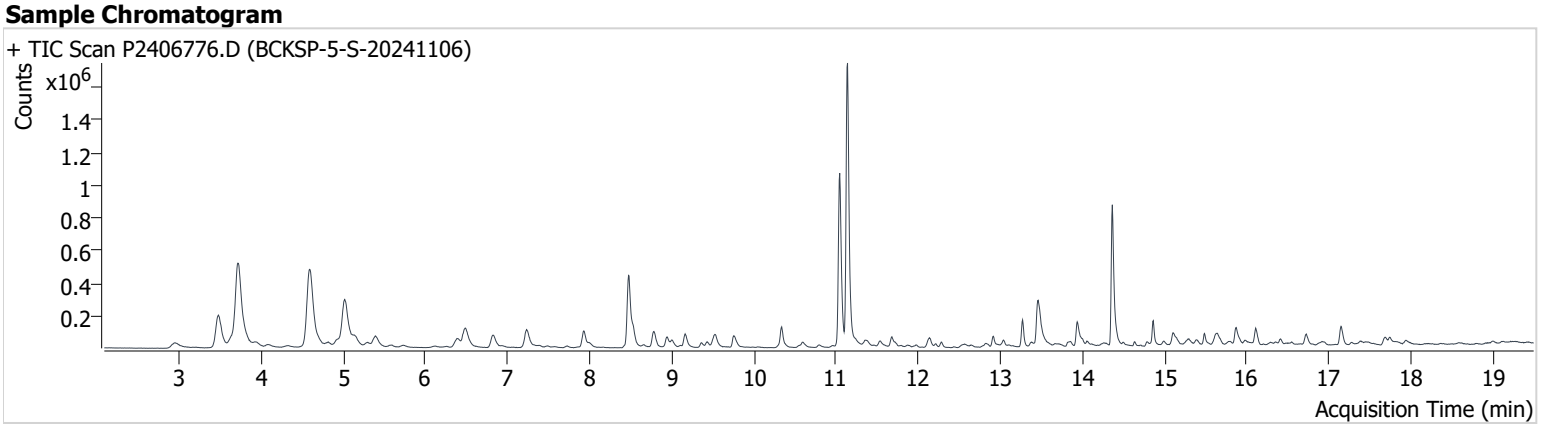
o-Xylene


+ EIC (91.1) Scan P2406775.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.940 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.899-14.112 min, 36 scans) P2406775.D
Counts
x10^3
Lib Match Score=76.4
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
77.1
97.2
106.1
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

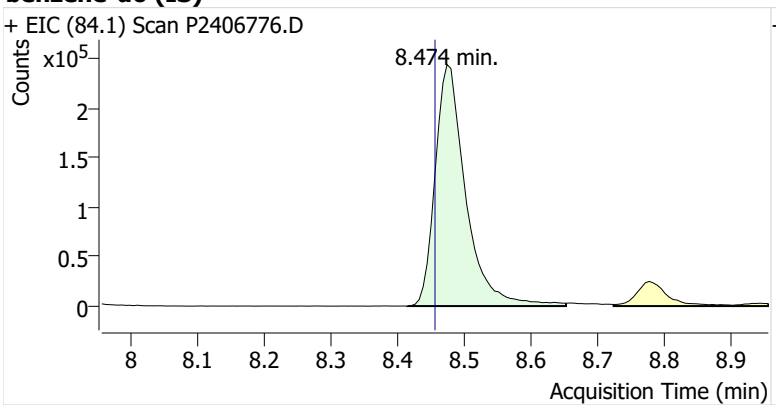
Name	BCKSP-5-S-20241106
Comment	C53730
Data File	P2406776.D
Acq. Date-Time	11/22/2024 7:02:02 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

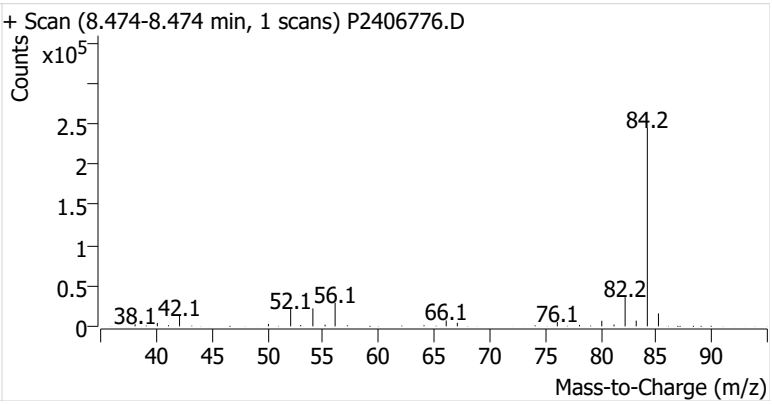
Sample Chromatogram



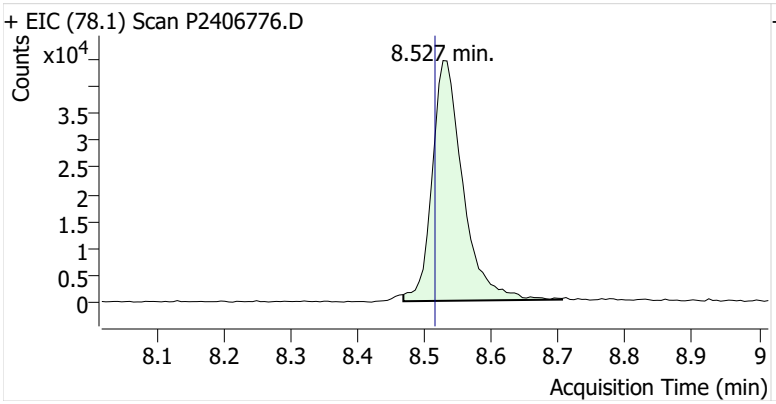
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	776,141	
Benzene	benzene-d6 (IS)	8.527	8.515	142,567	
Toluene-d8 (IS)		11.044	11.032	1,097,341	
Toluene	Toluene-d8 (IS)	11.139	11.121	1,955,374	
Ethylbenzene	Toluene-d8 (IS)	13.270	13.252	160,222	
m-/p-Xylenes	Toluene-d8 (IS)	13.460	13.459	412,714	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	162,817	

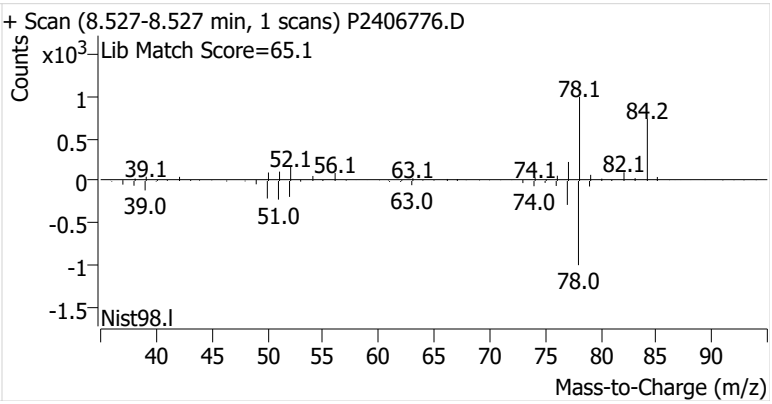
benzene-d6 (IS)



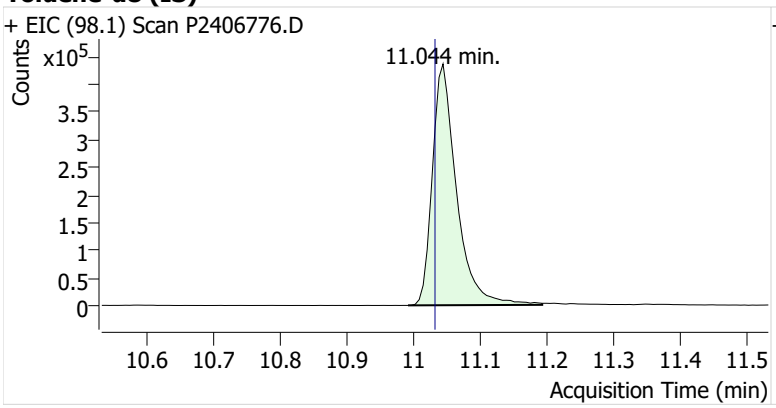


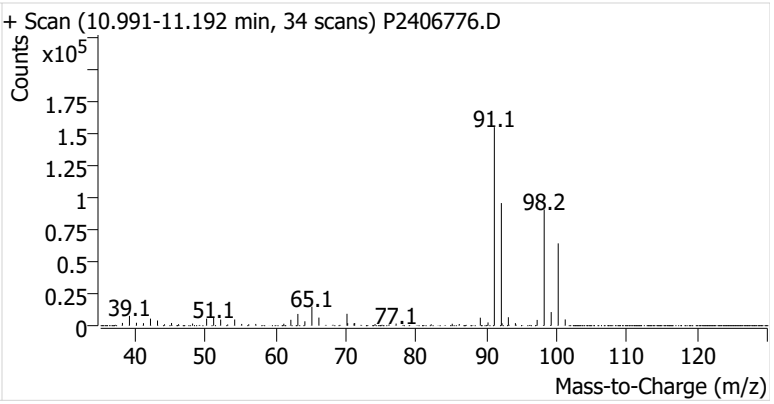
Benzene



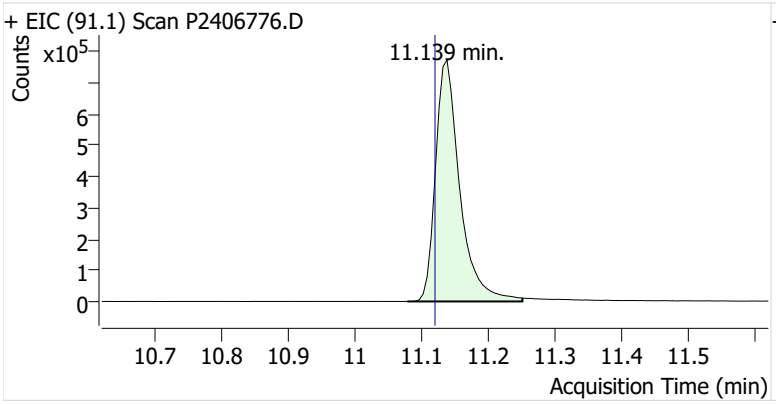


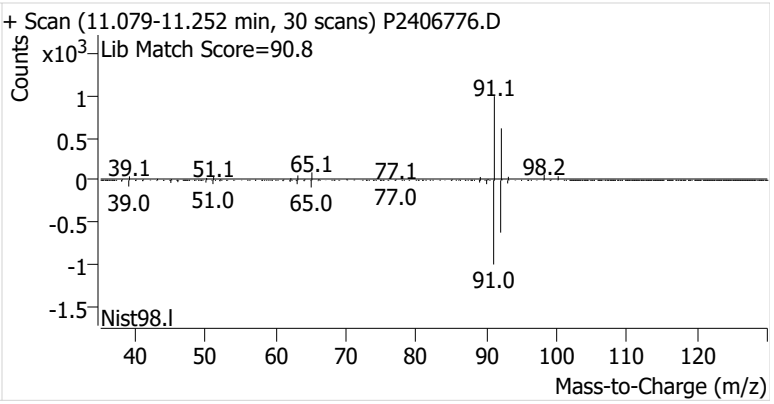
Toluene-d8 (IS)



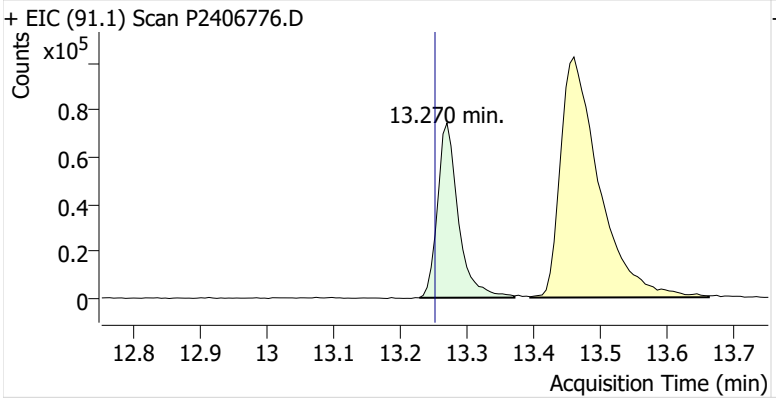


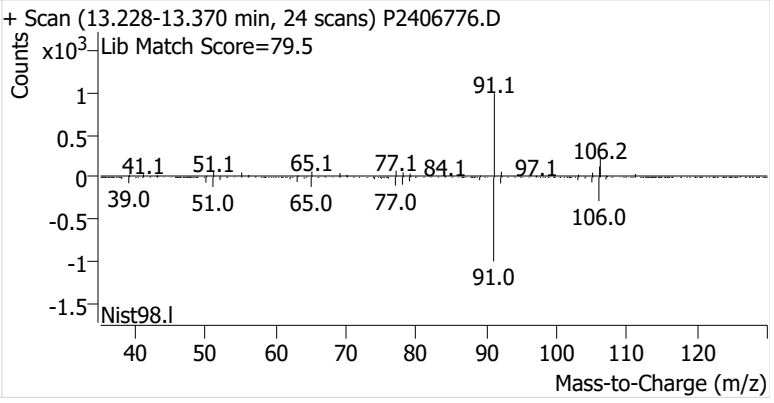
Toluene



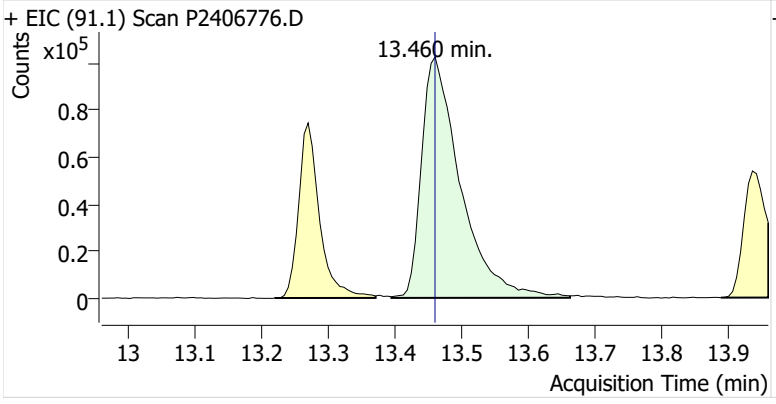


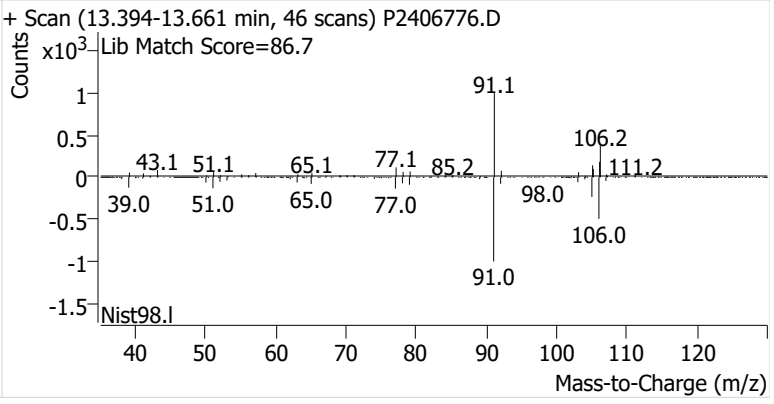
Ethylbenzene



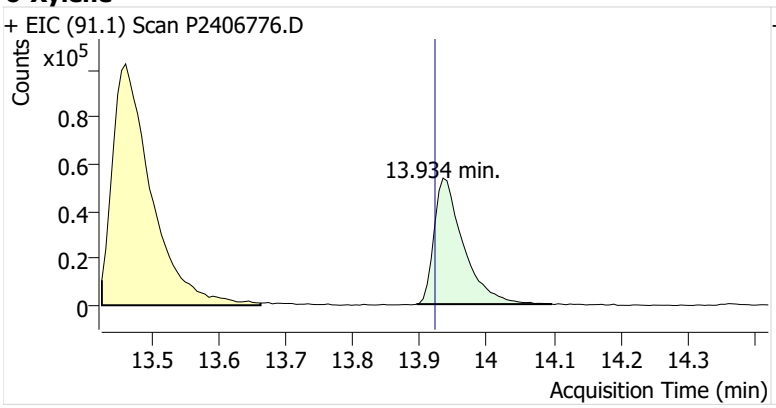


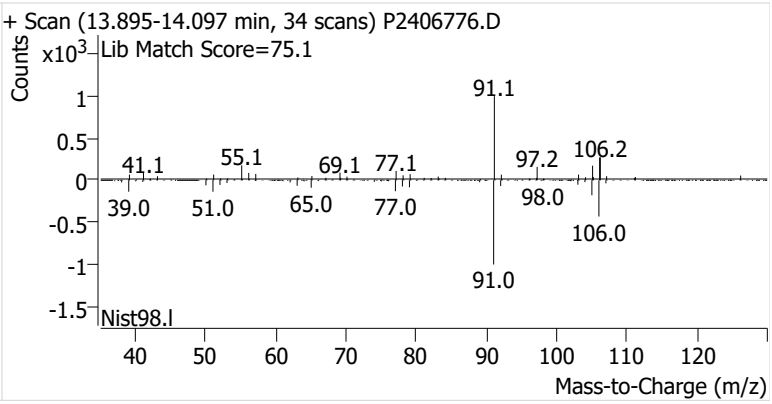
m-/p-Xylenes





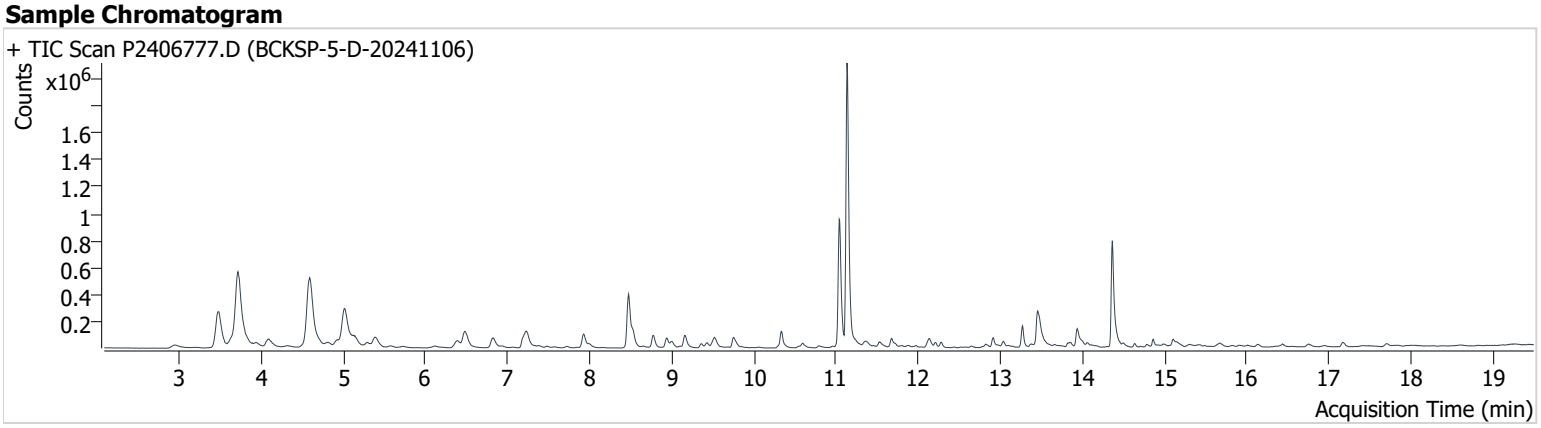
o-Xylene


+ EIC (91.1) Scan P2406776.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.934 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.895-14.097 min, 34 scans) P2406776.D
Counts
x10^3
Lib Match Score=75.1
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

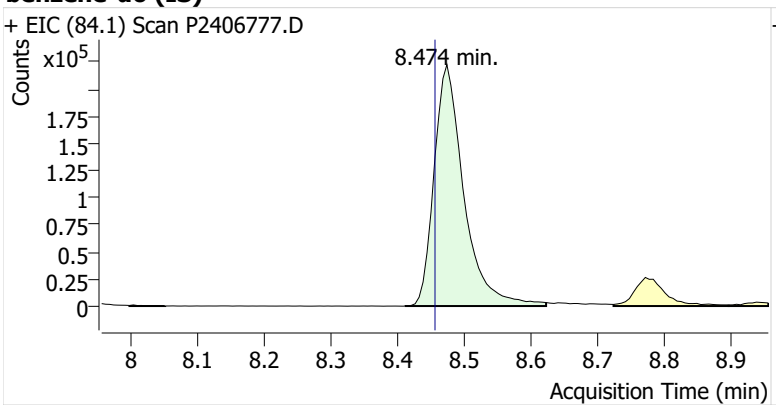
Name	BCKSP-5-D-20241106
Comment	B47903
Data File	P2406777.D
Acq. Date-Time	11/22/2024 7:39:17 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

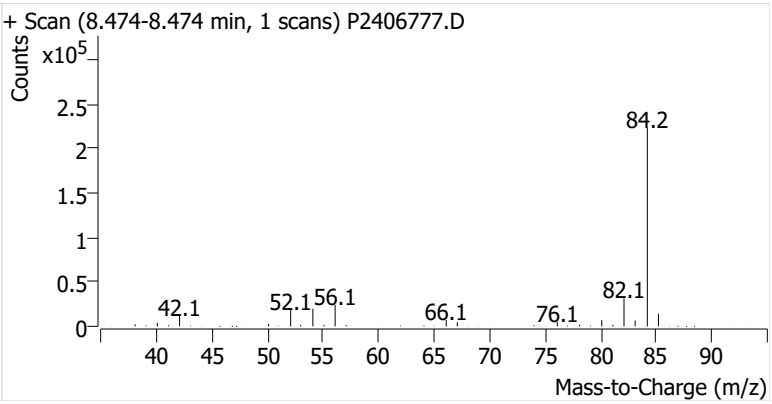
Sample Chromatogram



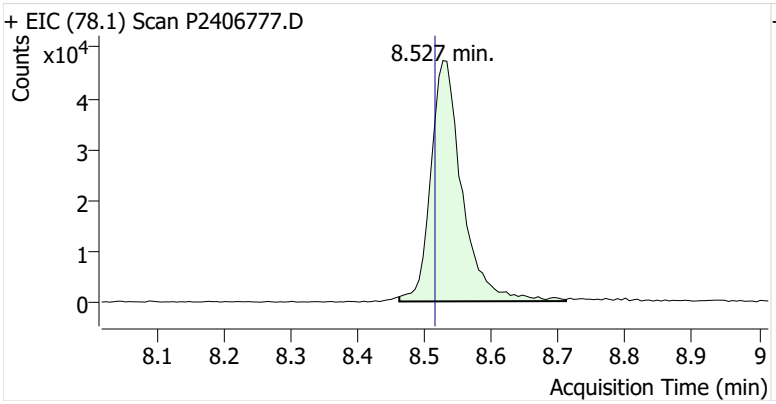
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	688,220	
Benzene	benzene-d6 (IS)	8.527	8.515	153,706	
Toluene-d8 (IS)		11.038	11.032	983,237	
Toluene	Toluene-d8 (IS)	11.133	11.121	2,370,102	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	157,512	
m-/p-Xylenes	Toluene-d8 (IS)	13.453	13.459	400,783	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	160,998	

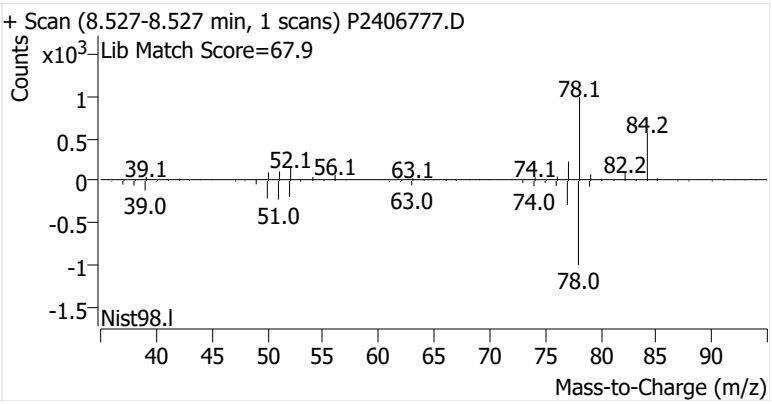
benzene-d6 (IS)



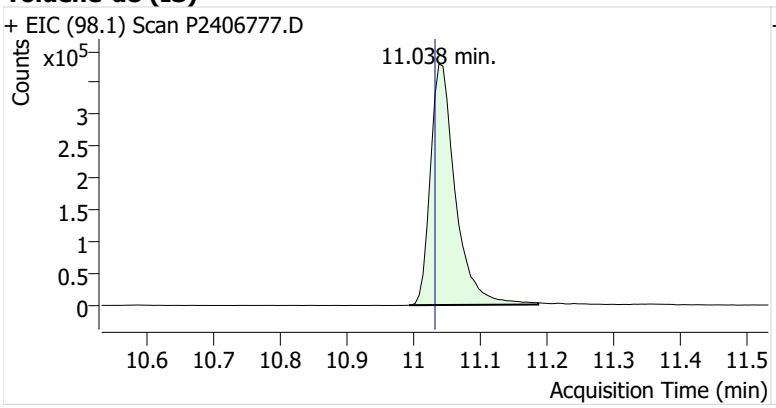


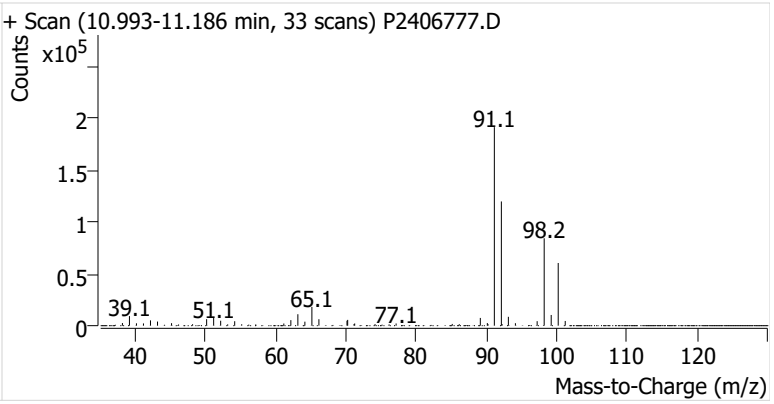
Benzene



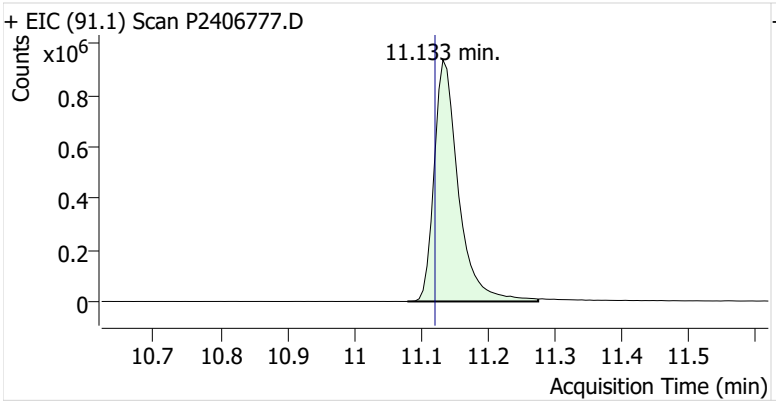


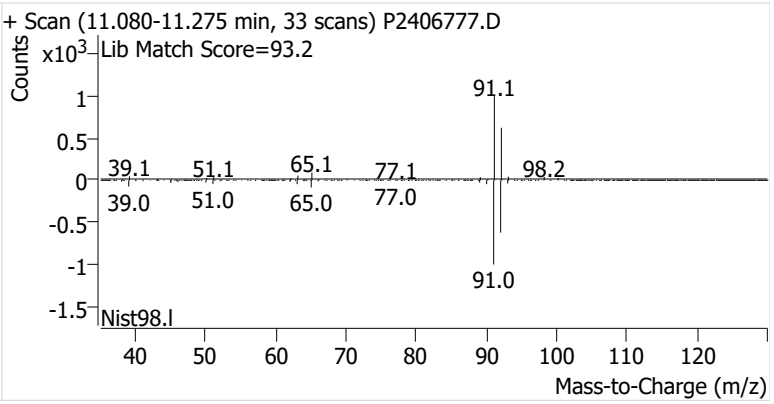
Toluene-d8 (IS)



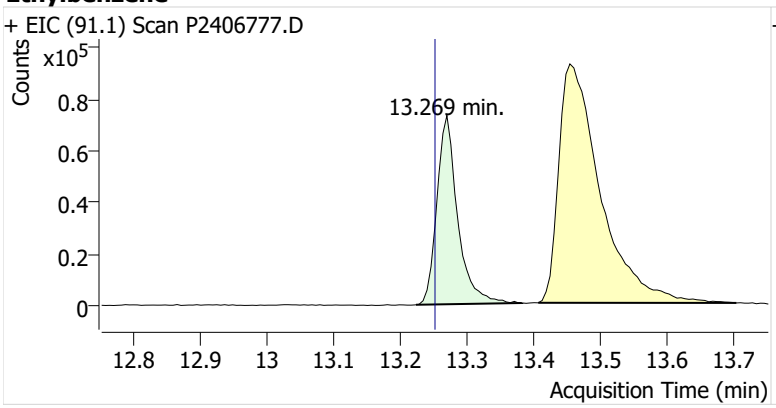


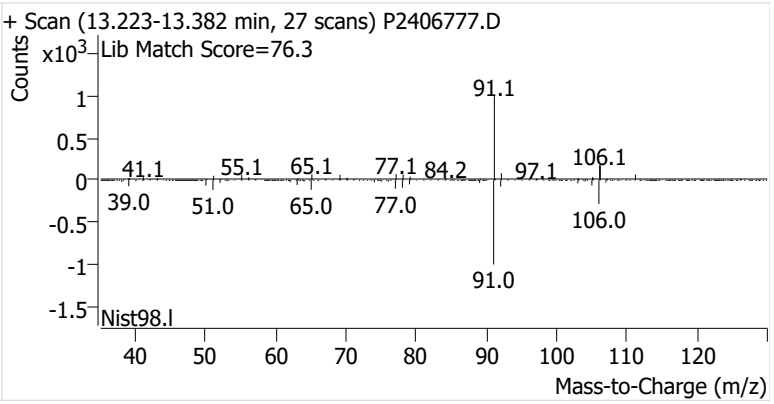
Toluene



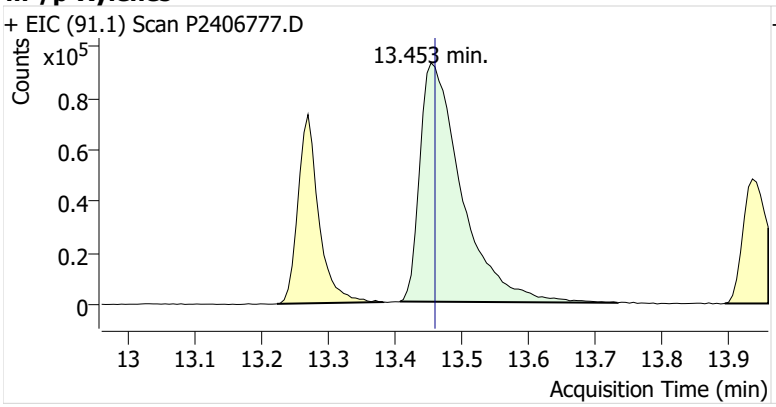


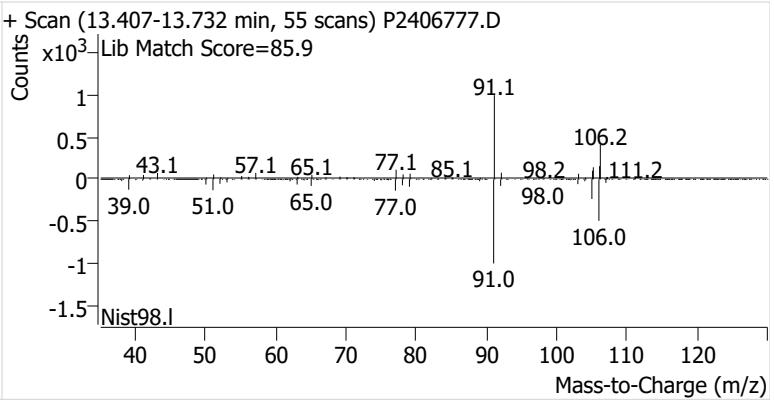
Ethylbenzene



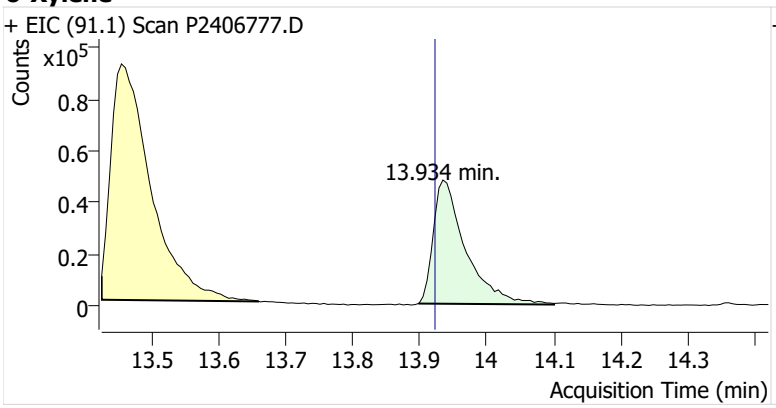


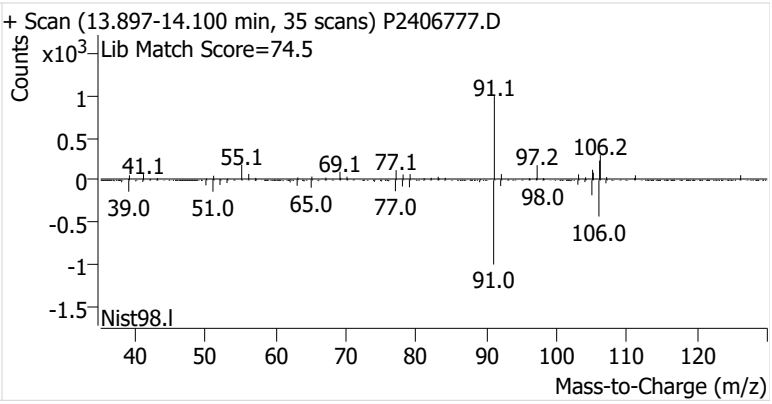
m-/p-Xylenes





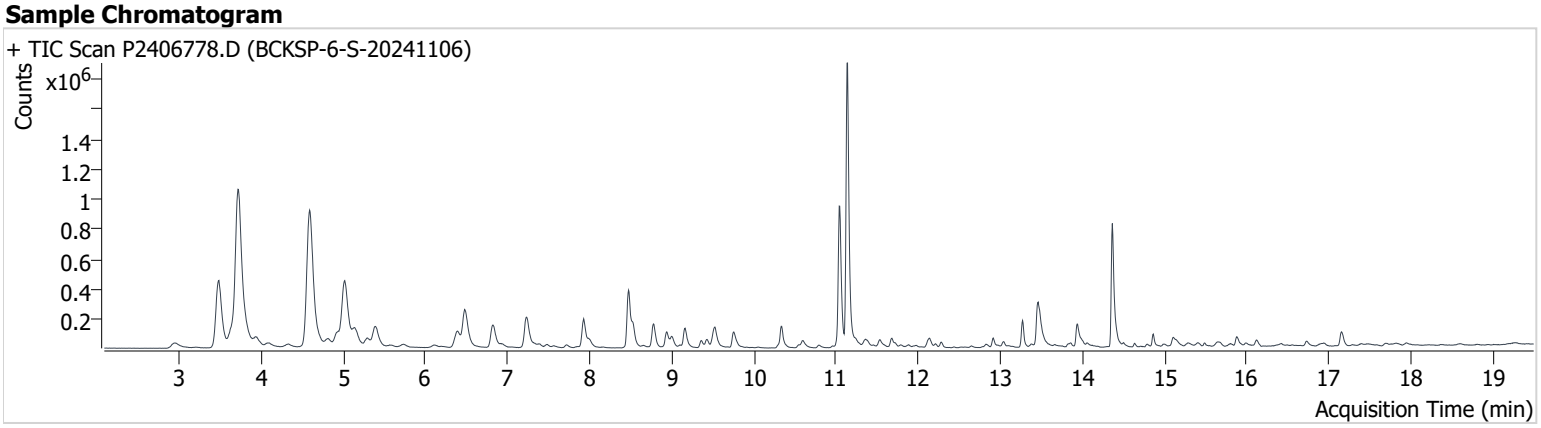
o-Xylene


+ EIC (91.1) Scan P2406777.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.934 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.897-14.100 min, 35 scans) P2406777.D
Counts
x10^3
Lib Match Score=74.5
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

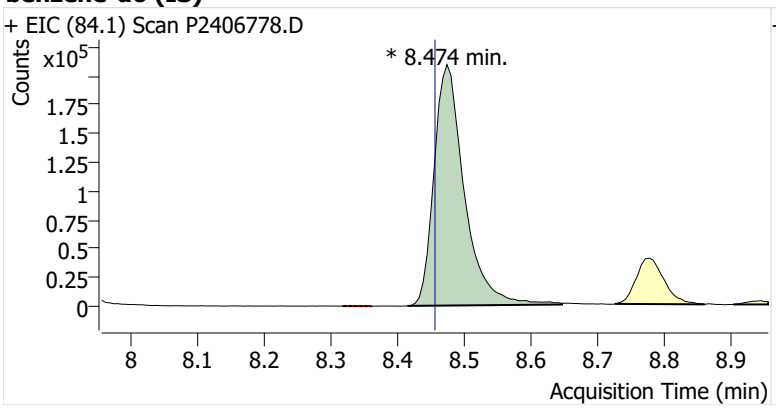
Name	BCKSP-6-S-20241106
Comment	C36993
Data File	P2406778.D
Acq. Date-Time	11/22/2024 8:16:33 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

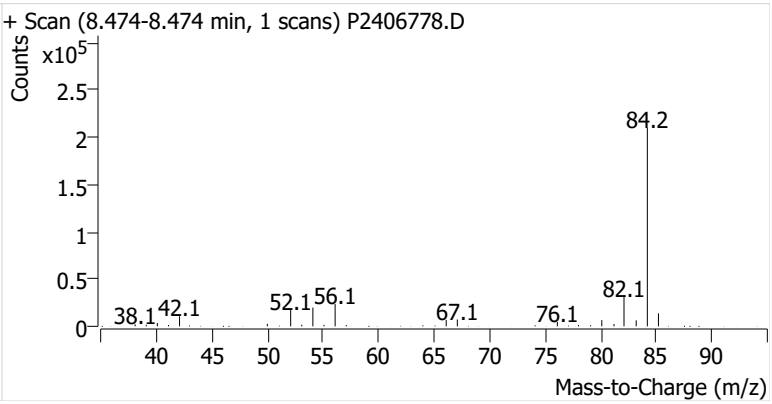
Sample Chromatogram



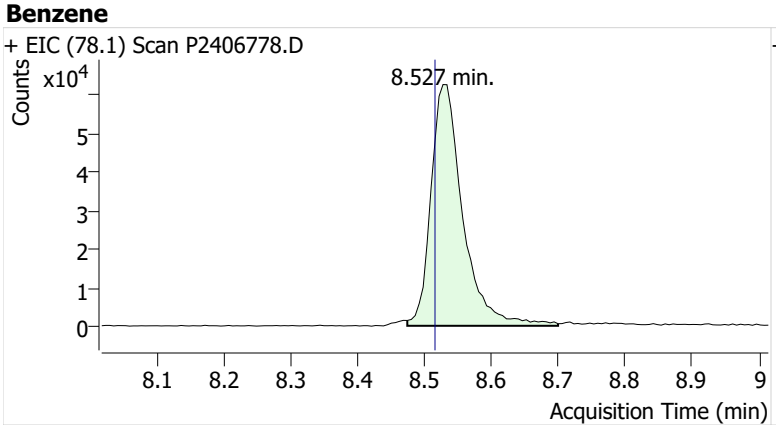
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	659,905	m
Benzene	benzene-d6 (IS)	8.527	8.515	207,199	
Toluene-d8 (IS)		11.038	11.032	985,069	
Toluene	Toluene-d8 (IS)	11.133	11.121	2,140,465	
Ethylbenzene	Toluene-d8 (IS)	13.270	13.252	178,948	
m-/p-Xylenes	Toluene-d8 (IS)	13.459	13.459	455,797	
o-Xylene	Toluene-d8 (IS)	13.940	13.922	190,104	

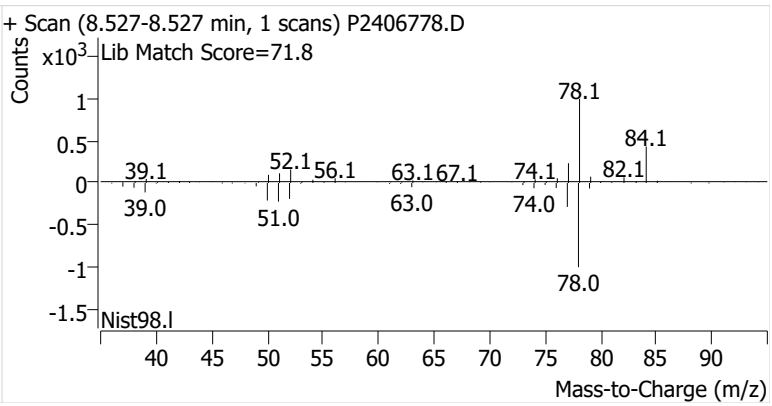
benzene-d6 (IS)



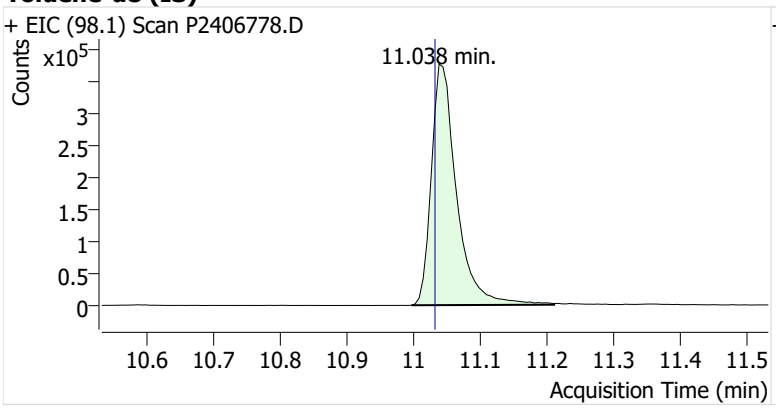


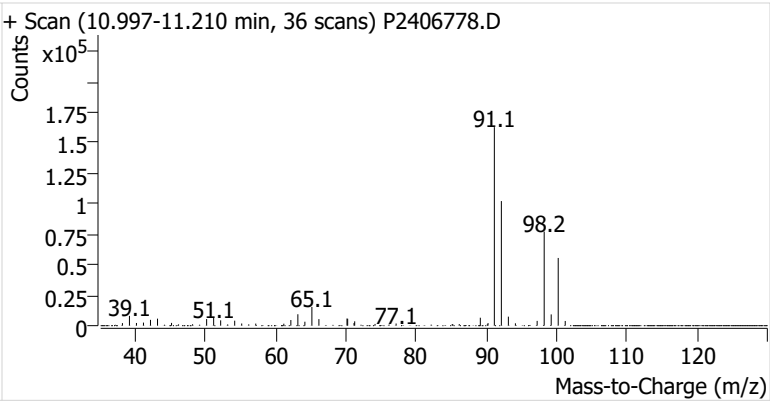
Benzene



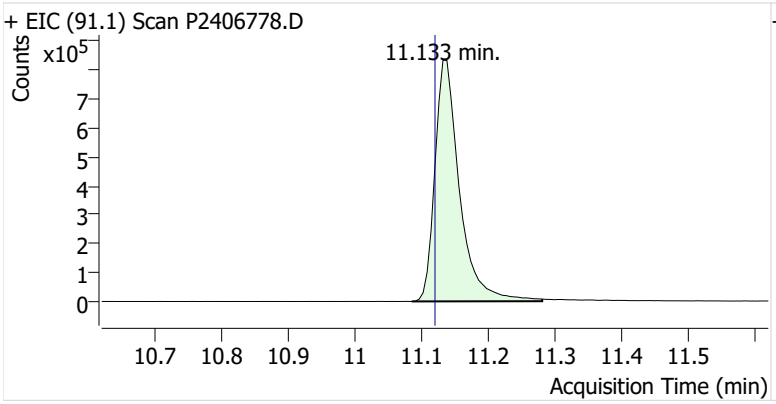


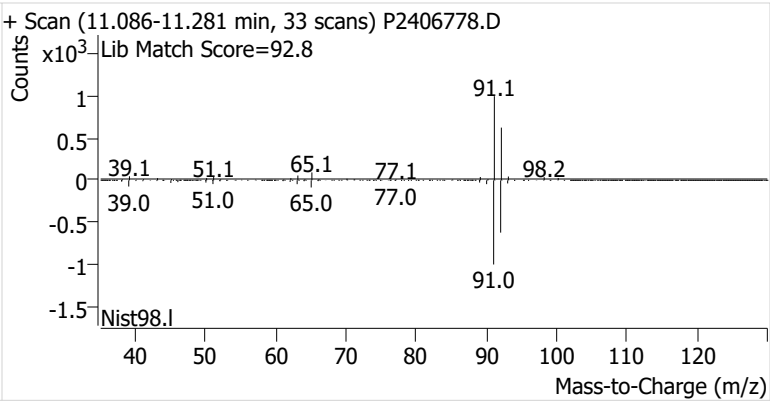
Toluene-d8 (IS)



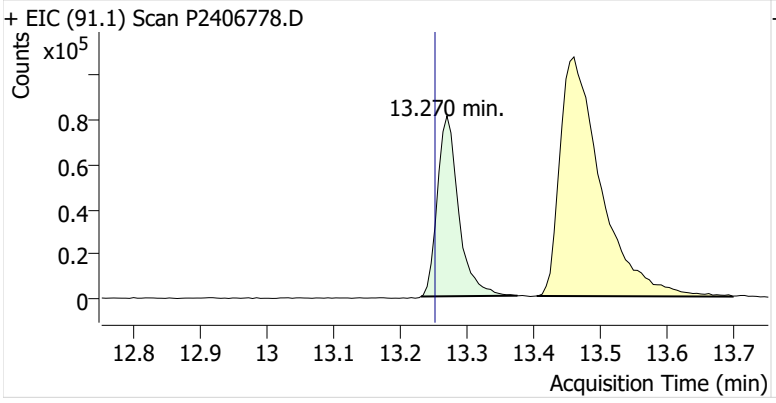


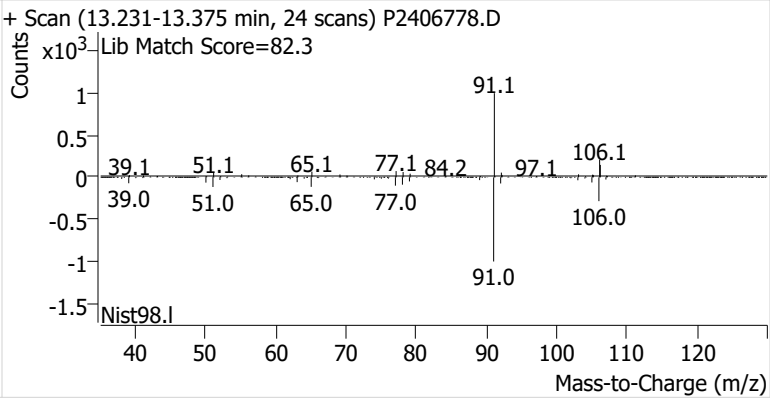
Toluene



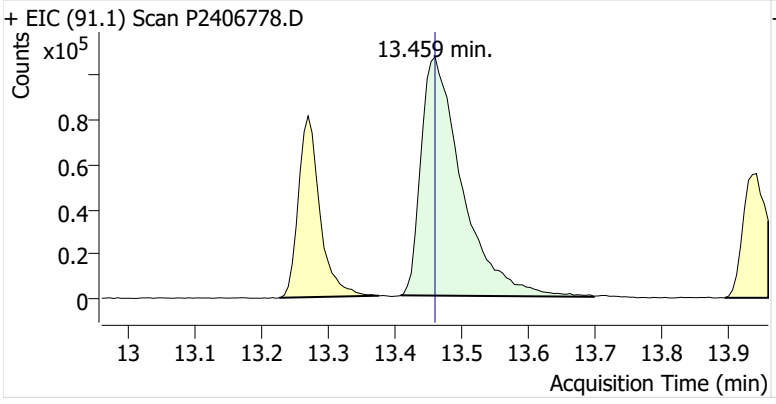


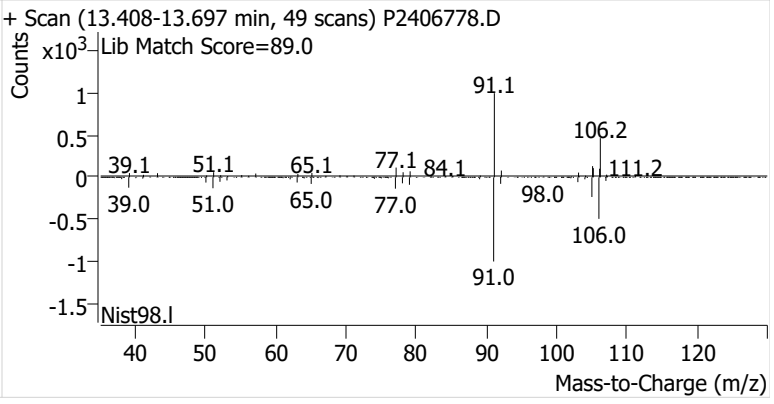
Ethylbenzene



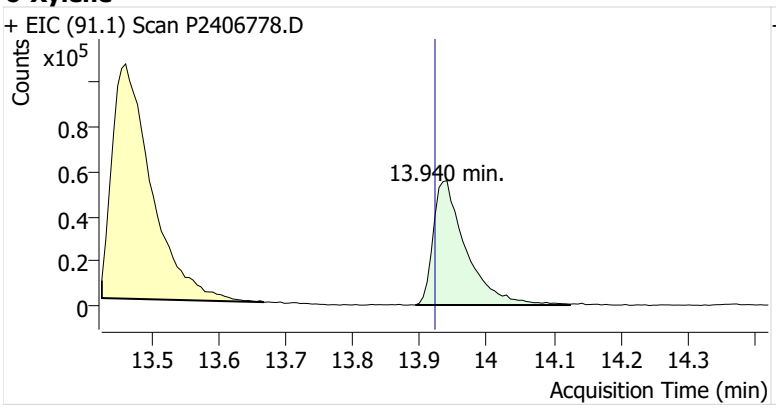


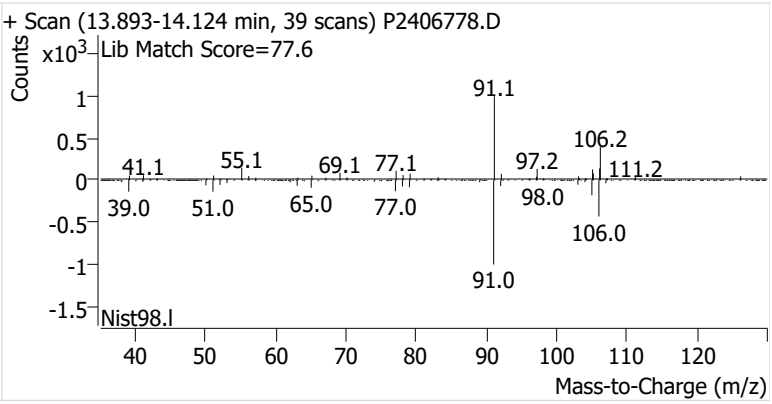
m-/p-Xylenes





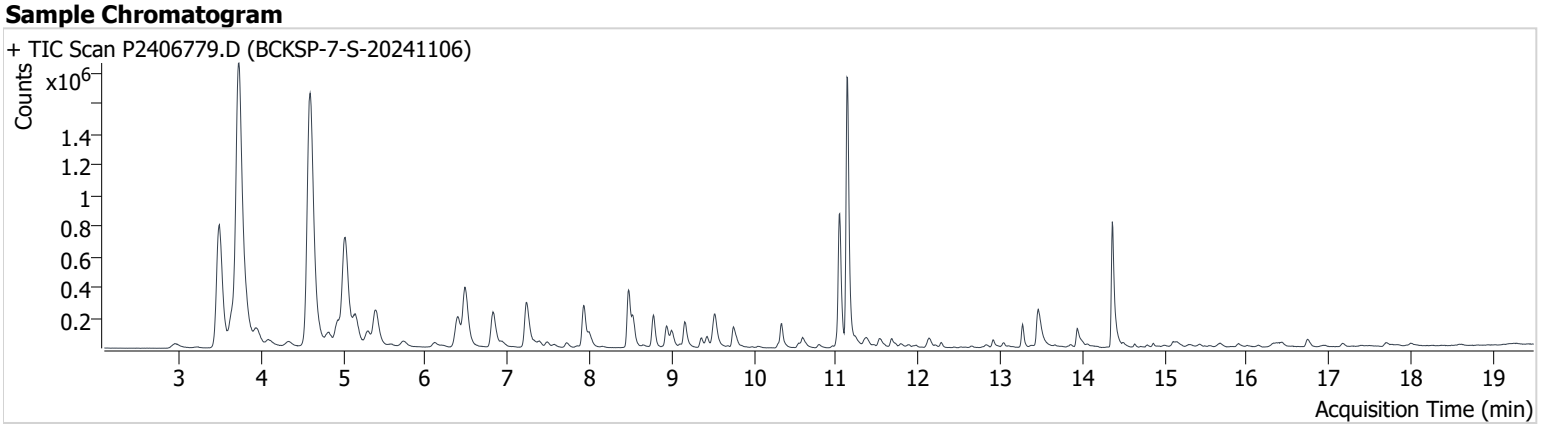
o-Xylene


+ EIC (91.1) Scan P2406778.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.940 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.893-14.124 min, 39 scans) P2406778.D
Counts
x10^3
Lib Match Score=77.6
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
41.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

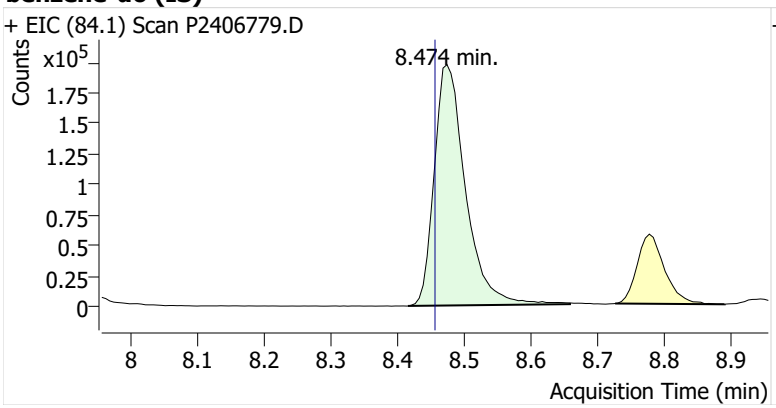
Name	BCKSP-7-S-20241106
Comment	B27852
Data File	P2406779.D
Acq. Date-Time	11/22/2024 8:53:48 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

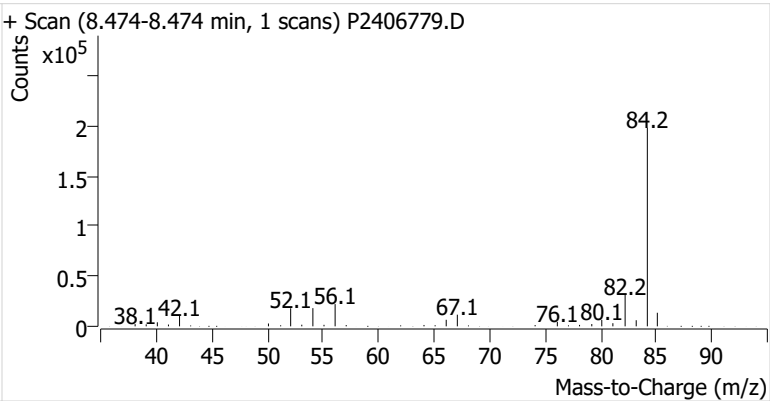
Sample Chromatogram



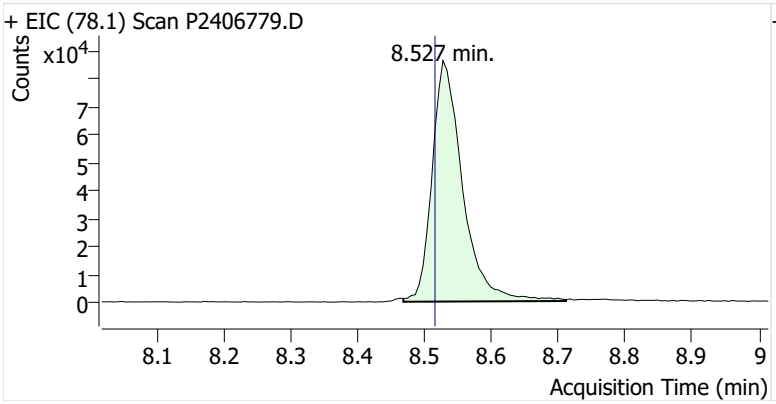
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	642,435	
Benzene	benzene-d6 (IS)	8.527	8.515	274,340	
Toluene-d8 (IS)		11.044	11.032	922,535	
Toluene	Toluene-d8 (IS)	11.133	11.121	2,040,961	
Ethylbenzene	Toluene-d8 (IS)	13.270	13.252	157,288	
m-/p-Xylenes	Toluene-d8 (IS)	13.459	13.459	384,559	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	150,504	

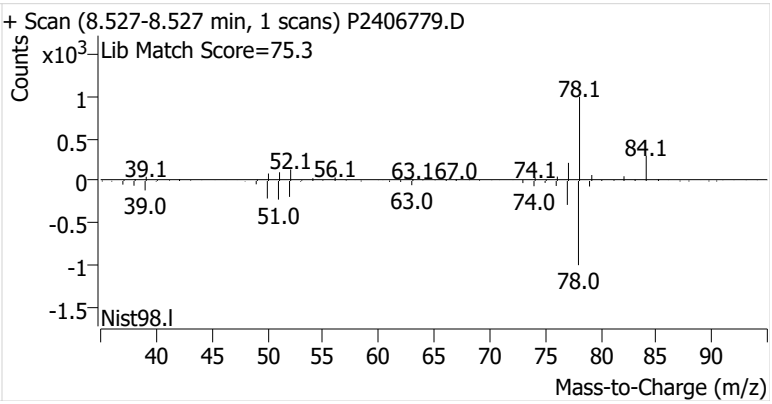
benzene-d6 (IS)



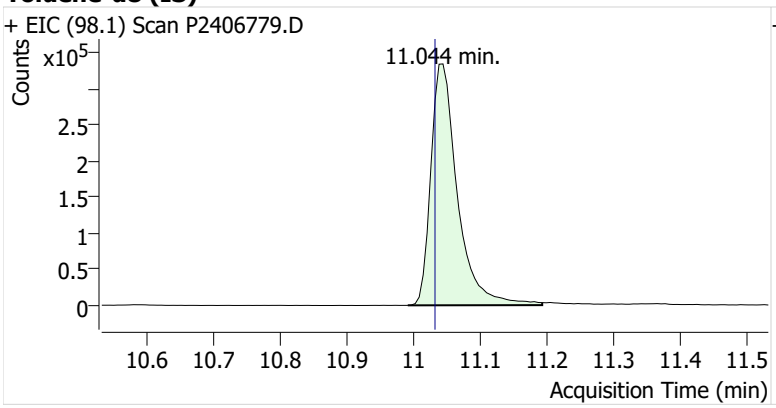


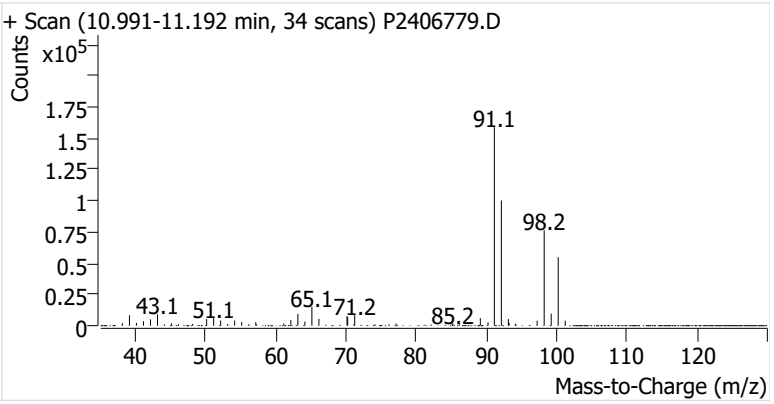
Benzene



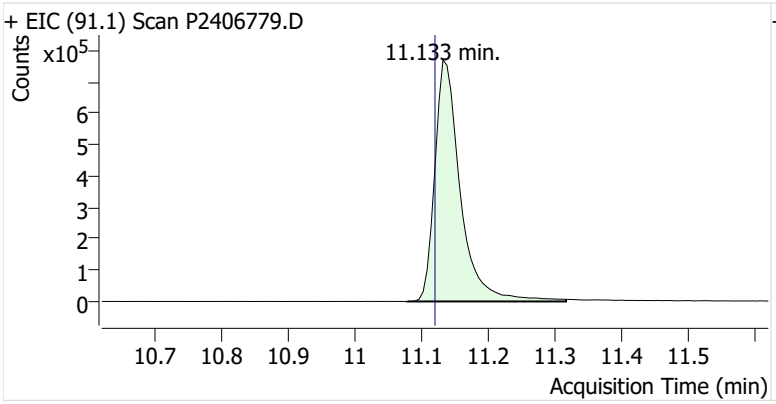


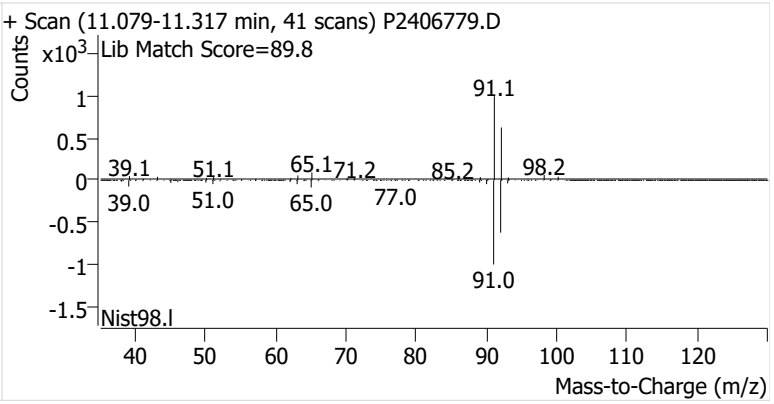
Toluene-d8 (IS)



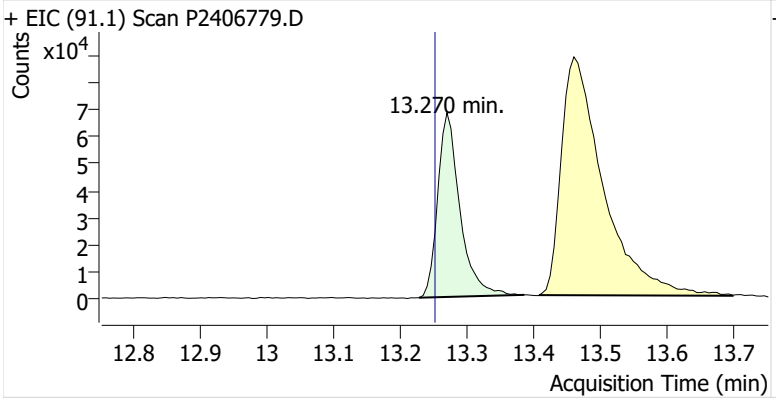


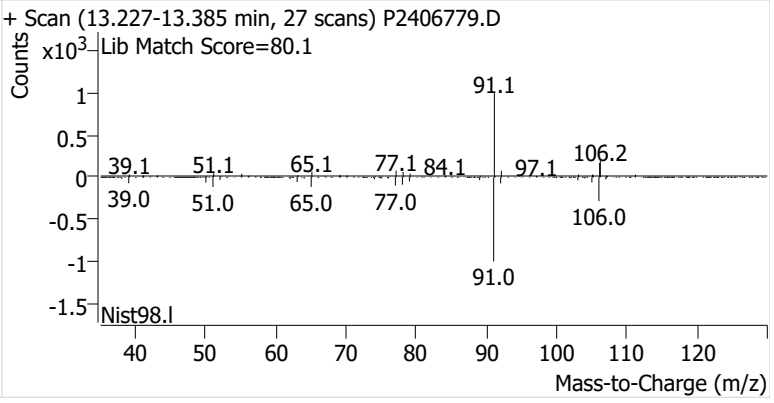
Toluene



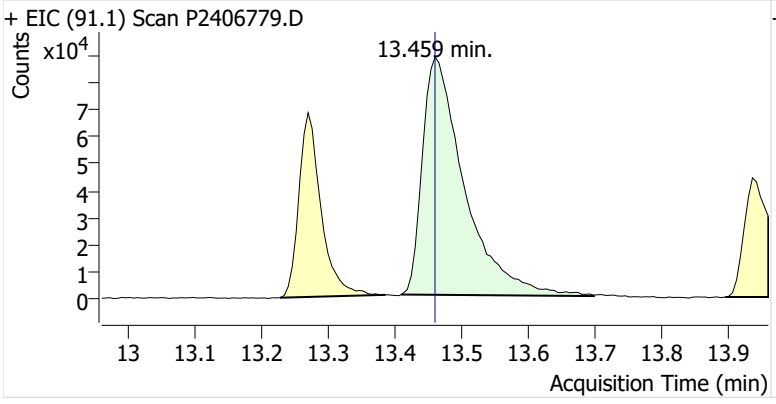


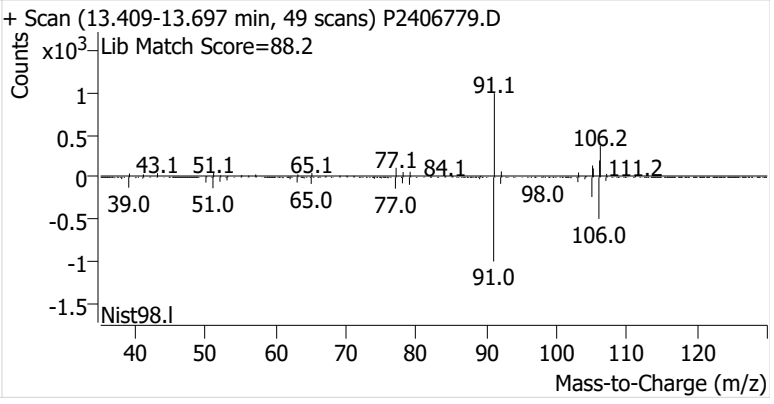
Ethylbenzene



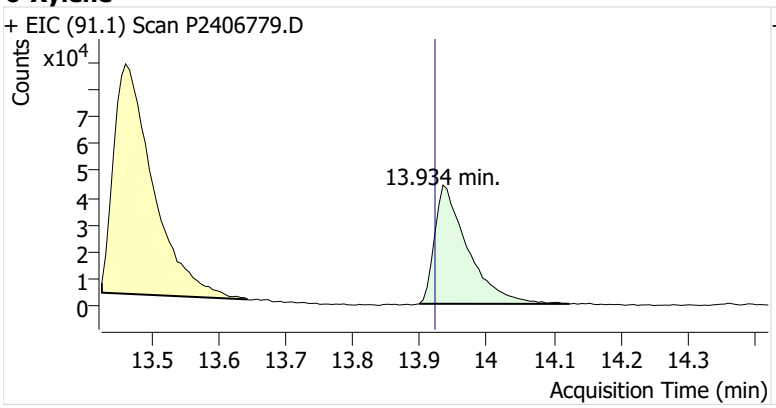


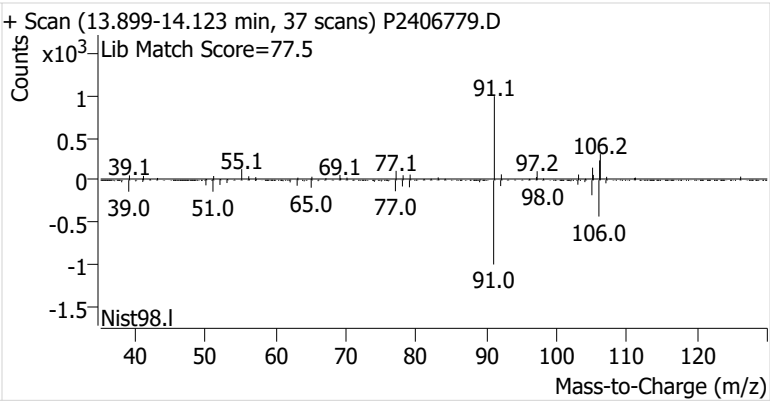
m-/p-Xylenes





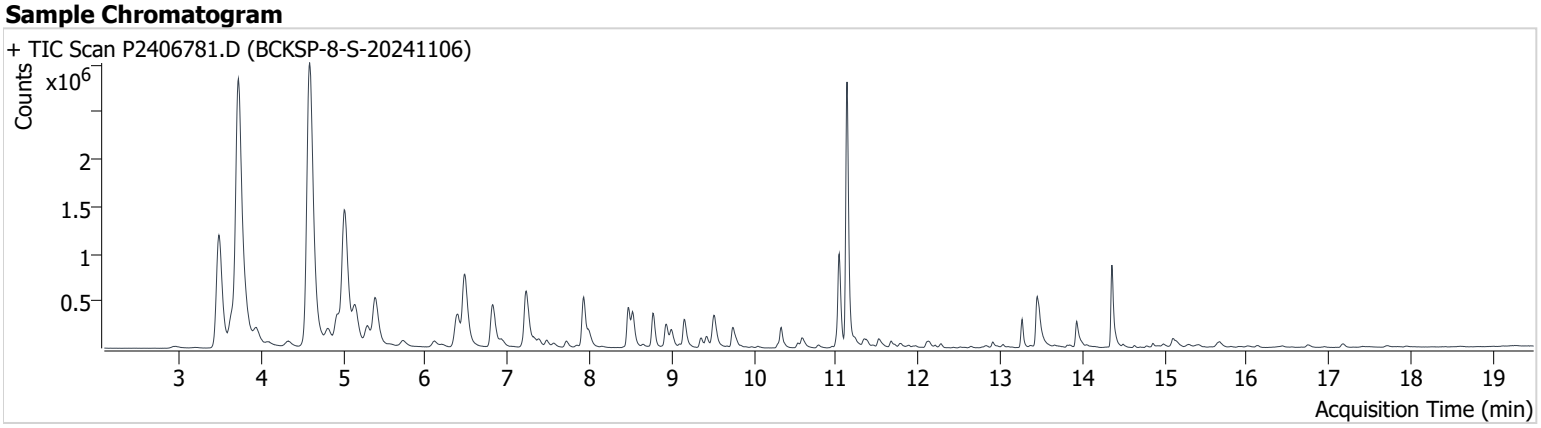
o-Xylene


+ EIC (91.1) Scan P2406779.D
Counts
x10^4
13.934 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.899-14.123 min, 37 scans) P2406779.D
Lib Match Score=77.5
Counts
x10^3
91.1
39.1
55.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

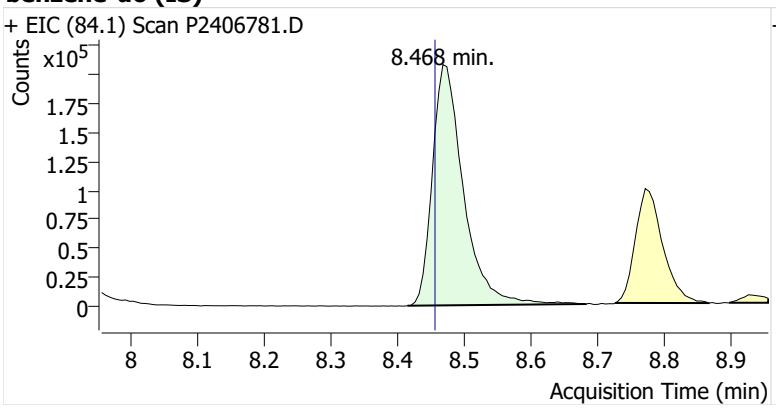
Name	BCKSP-8-S-20241106
Comment	B47897
Data File	P2406781.D
Acq. Date-Time	11/22/2024 10:08:18 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

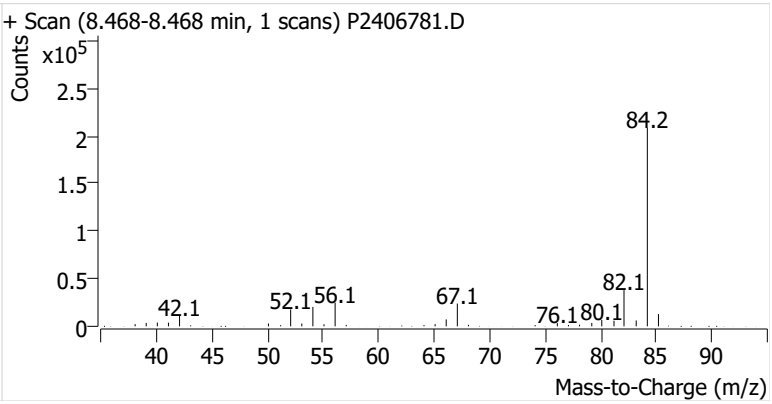
Sample Chromatogram



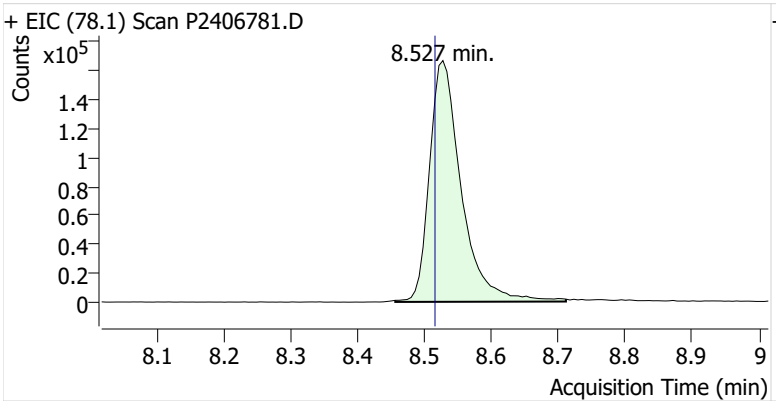
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.468	8.456	670,776	
Benzene	benzene-d6 (IS)	8.527	8.515	550,749	
Toluene-d8 (IS)		11.038	11.032	980,000	
Toluene	Toluene-d8 (IS)	11.133	11.121	3,091,938	
Ethylbenzene	Toluene-d8 (IS)	13.263	13.252	311,666	
m-/p-Xylenes	Toluene-d8 (IS)	13.447	13.459	826,510	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	319,518	

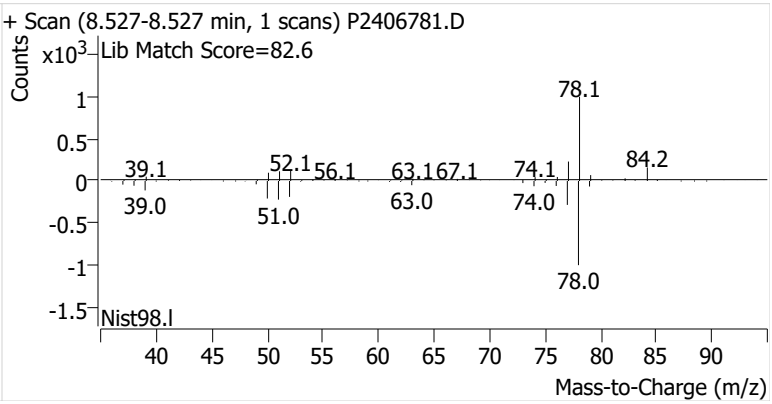
benzene-d6 (IS)



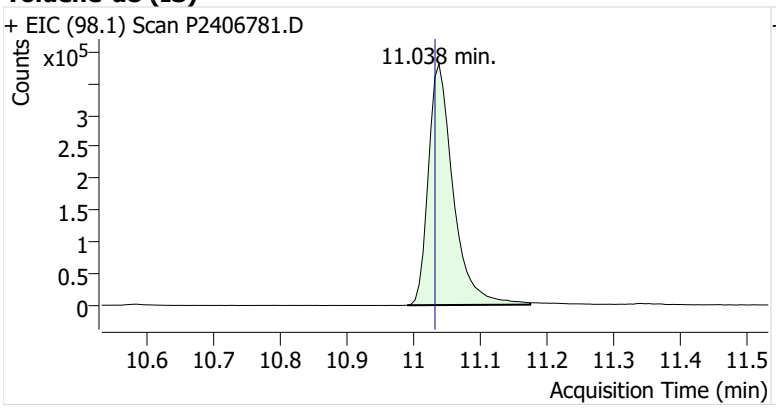


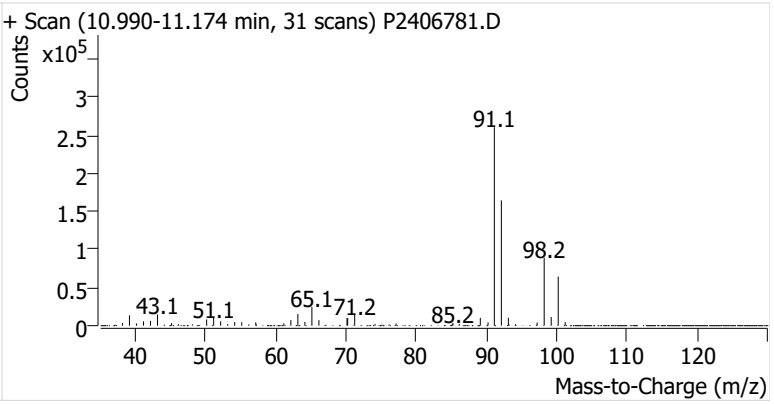
Benzene



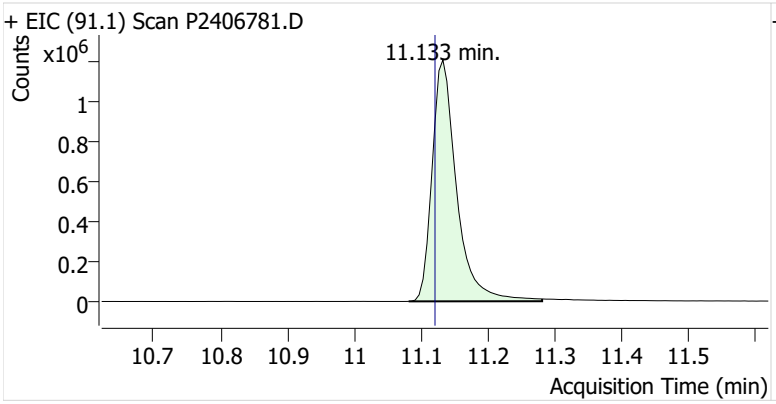


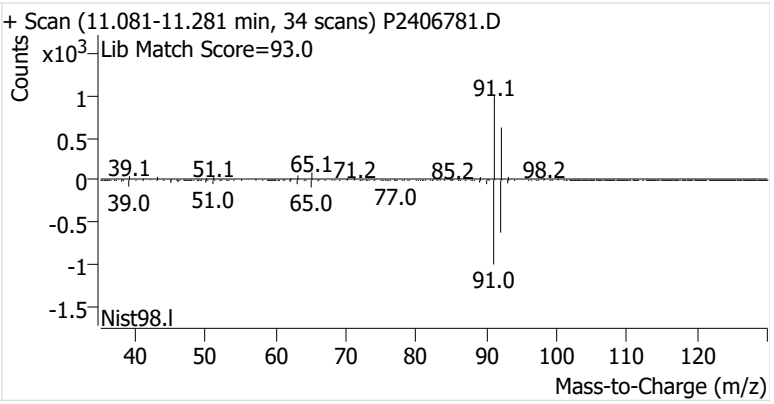
Toluene-d8 (IS)



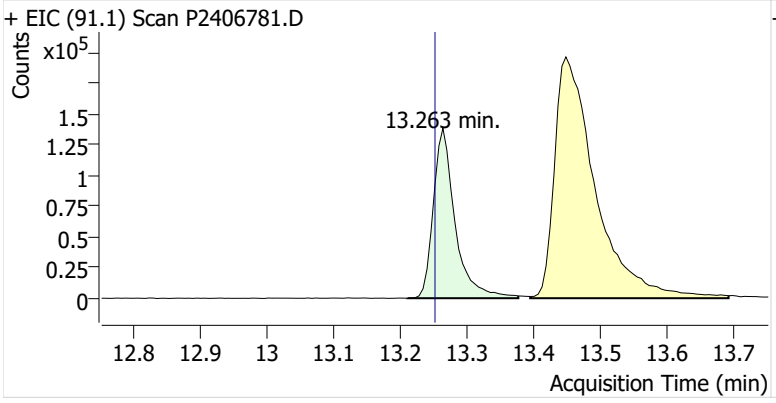


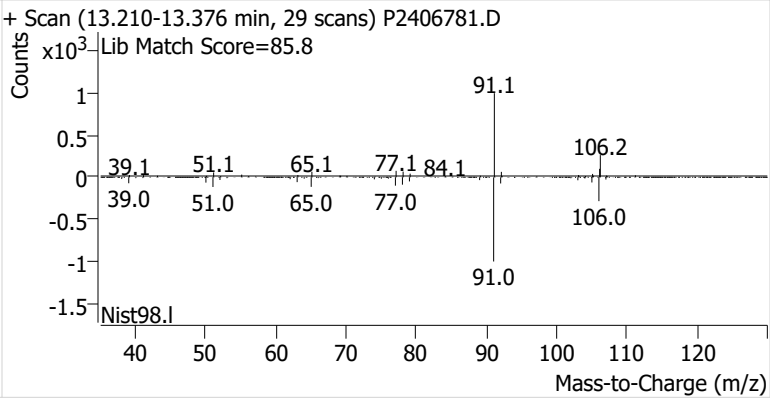
Toluene



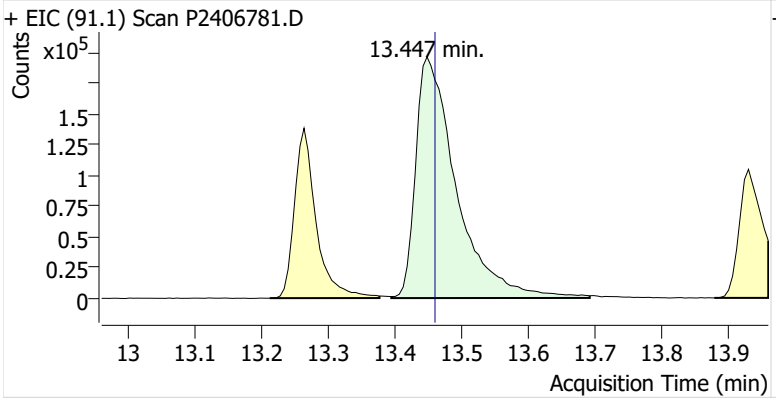


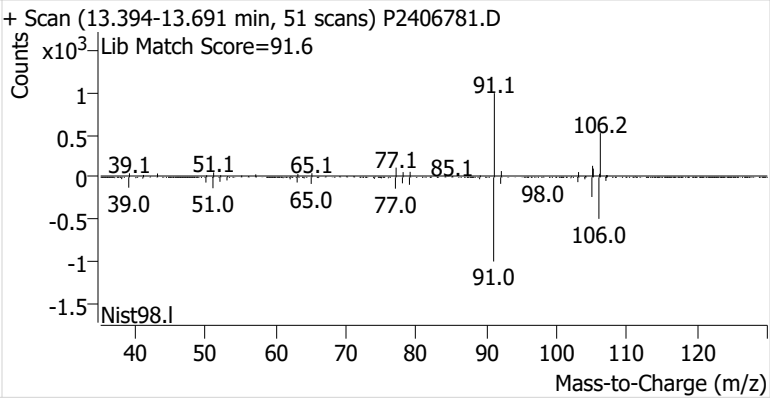
Ethylbenzene



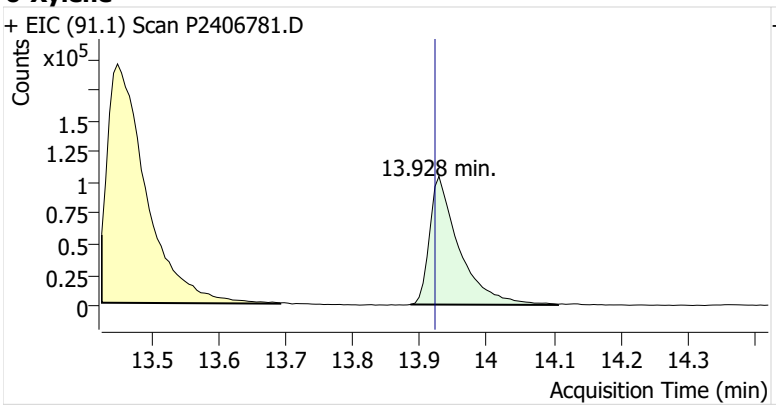


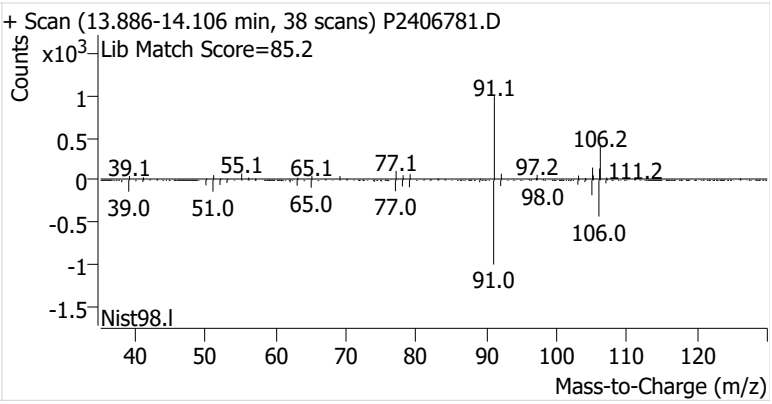
m-/p-Xylenes





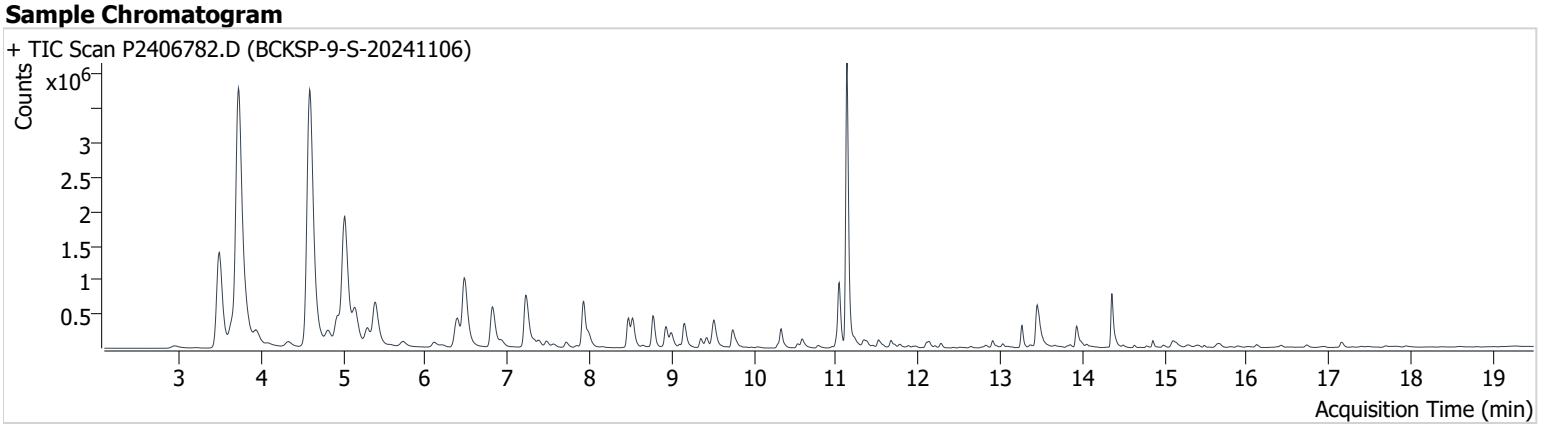
o-Xylene


+ EIC (91.1) Scan P2406781.D
Counts
x10^5
1.5
1.25
1
0.75
0.5
0.25
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.886-14.106 min, 38 scans) P2406781.D
Lib Match Score=85.2
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
55.1
65.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

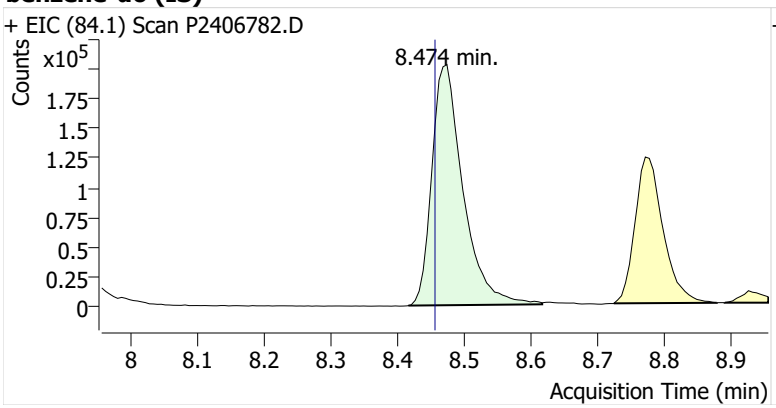
Name	BCKSP-9-S-20241106
Comment	C35833
Data File	P2406782.D
Acq. Date-Time	11/22/2024 10:45:35 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

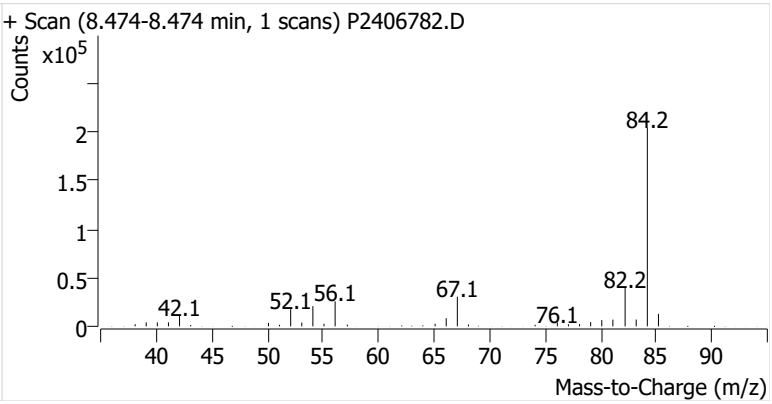
Sample Chromatogram



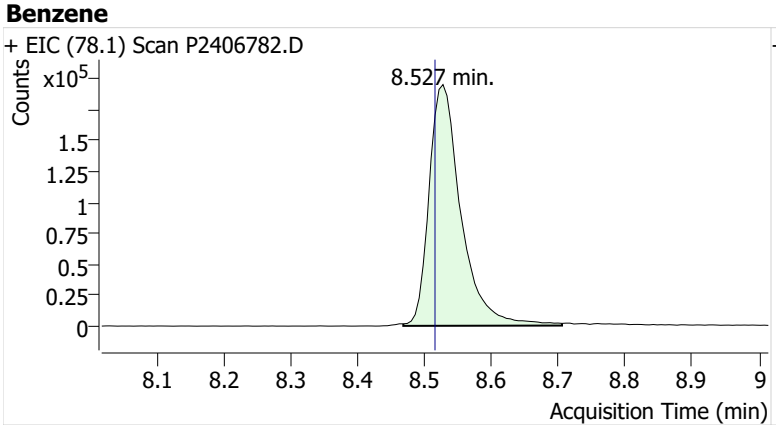
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	657,523	
Benzene	benzene-d6 (IS)	8.527	8.515	647,553	
Toluene-d8 (IS)		11.038	11.032	944,644	
Toluene	Toluene-d8 (IS)	11.133	11.121	4,593,587	
Ethylbenzene	Toluene-d8 (IS)	13.264	13.252	336,207	
m-/p-Xylenes	Toluene-d8 (IS)	13.448	13.459	886,874	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	354,601	

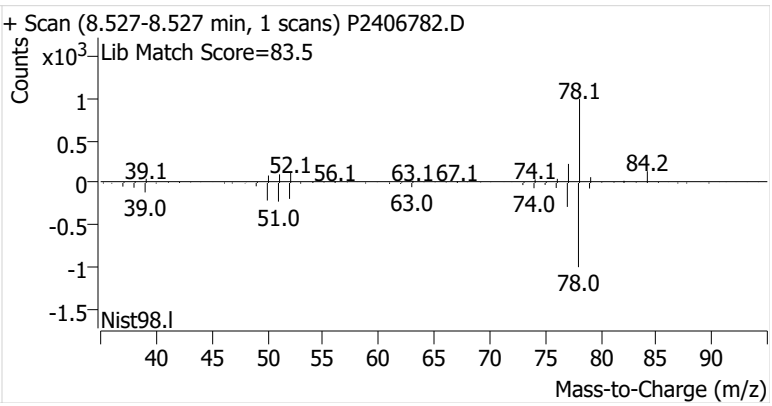
benzene-d6 (IS)



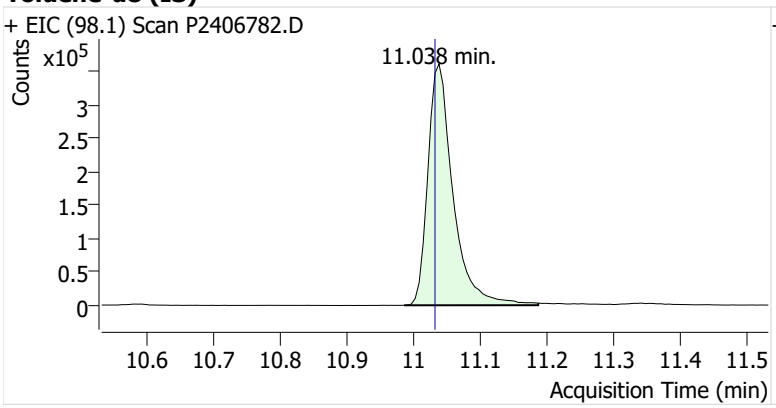


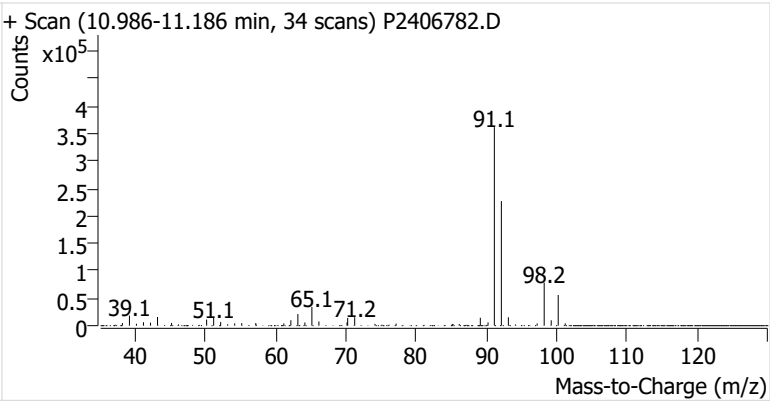
Benzene



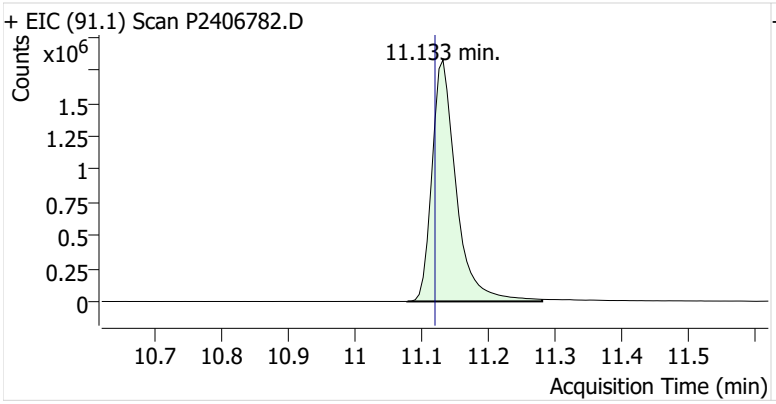


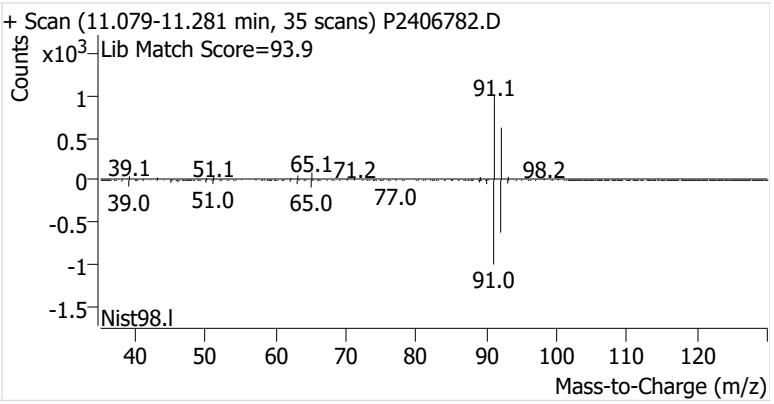
Toluene-d8 (IS)



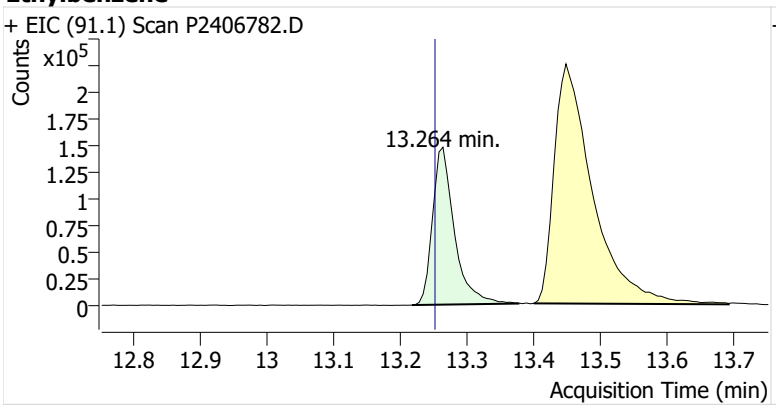


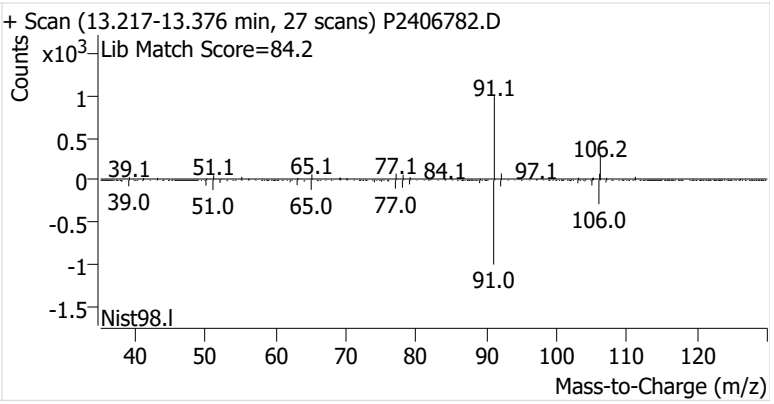
Toluene



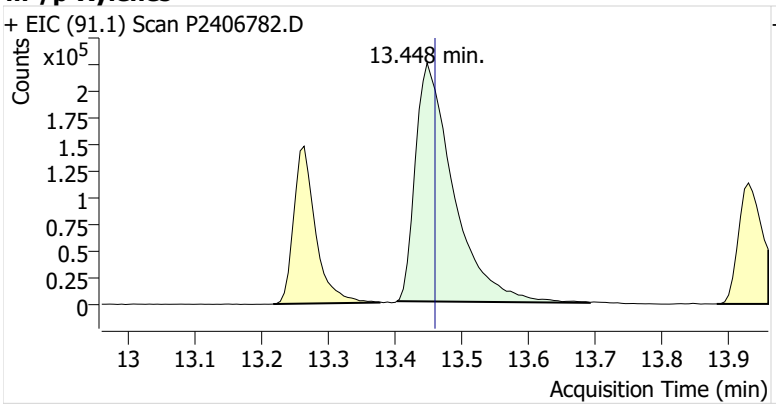


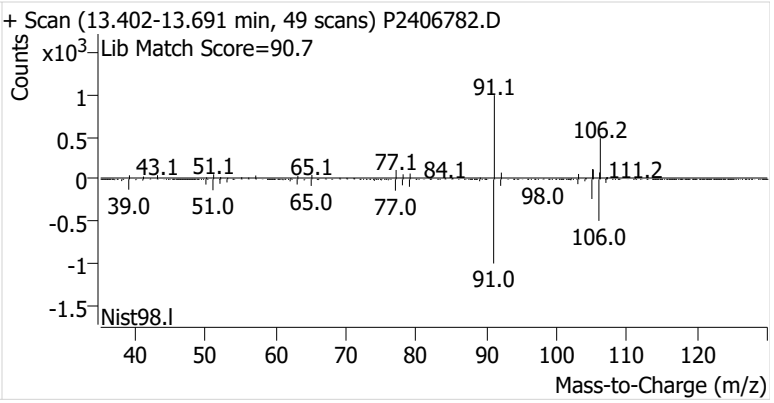
Ethylbenzene



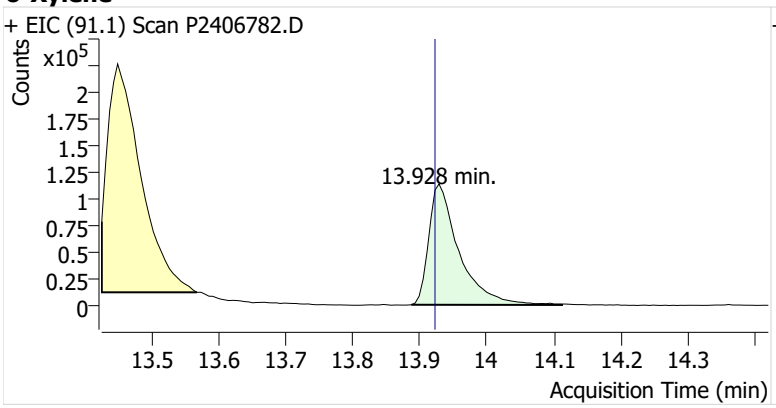


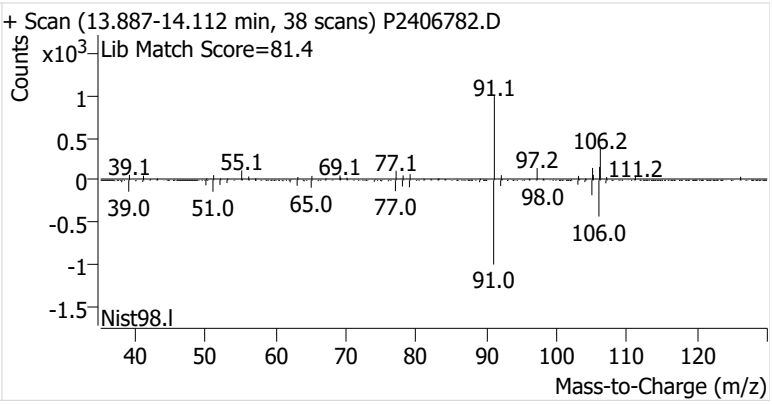
m-/p-Xylenes





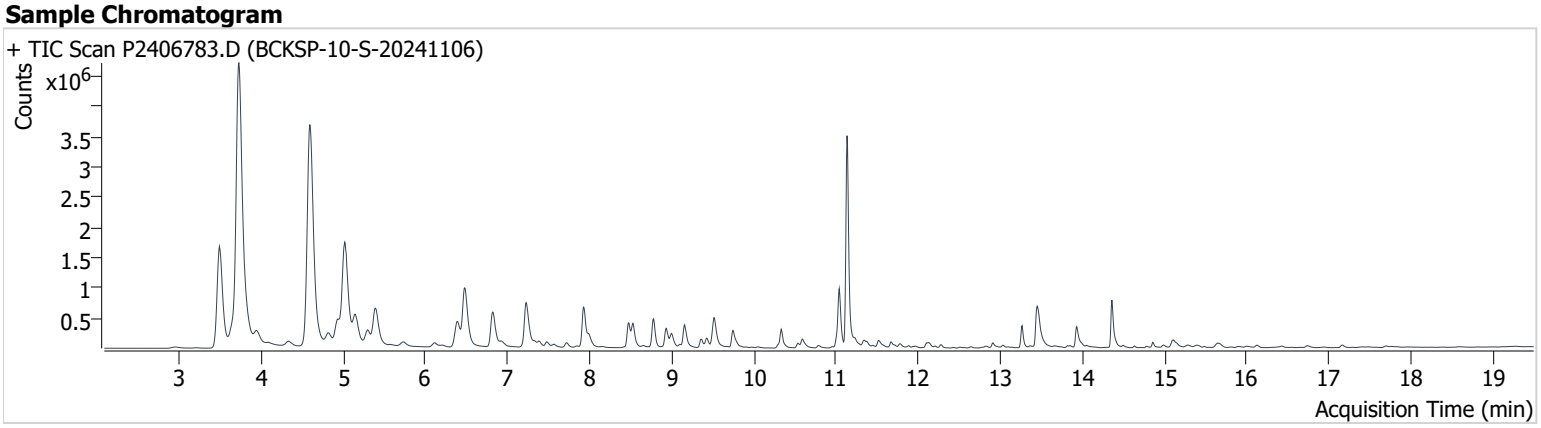
o-Xylene


+ EIC (91.1) Scan P2406782.D
Counts
x10^5
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.887-14.112 min, 38 scans) P2406782.D
Lib Match Score=81.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

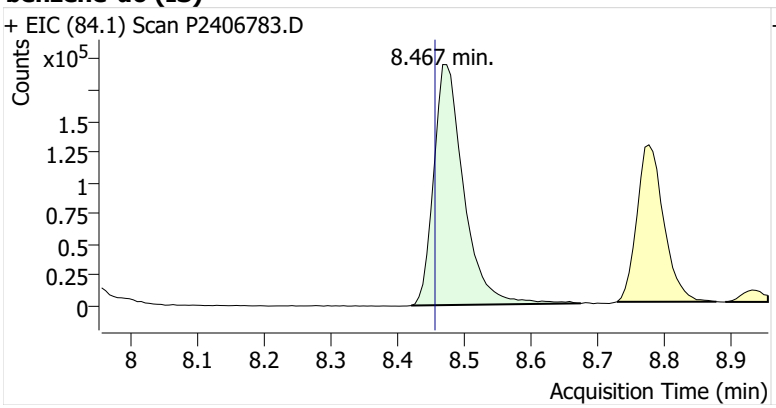
Name	BCKSP-10-S-20241106
Comment	B19712
Data File	P2406783.D
Acq. Date-Time	11/22/2024 11:23:09 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

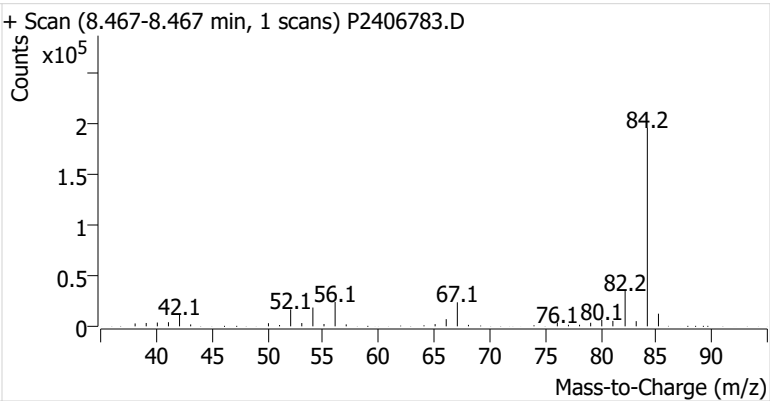
Sample Chromatogram



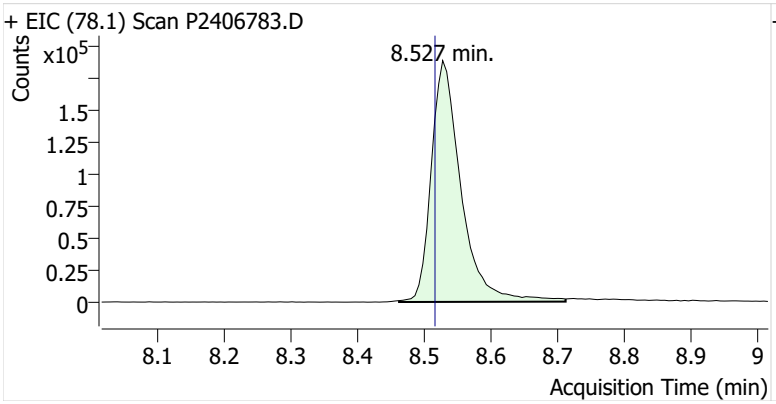
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.467	8.456	608,941	
Benzene	benzene-d6 (IS)	8.527	8.515	586,568	
Toluene-d8 (IS)		11.037	11.032	925,165	
Toluene	Toluene-d8 (IS)	11.132	11.121	3,737,509	
Ethylbenzene	Toluene-d8 (IS)	13.263	13.252	381,276	
m-/p-Xylenes	Toluene-d8 (IS)	13.447	13.459	978,877	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	398,389	

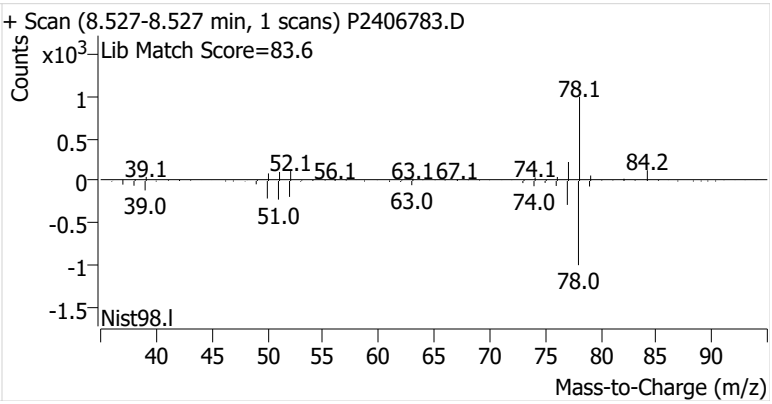
benzene-d6 (IS)



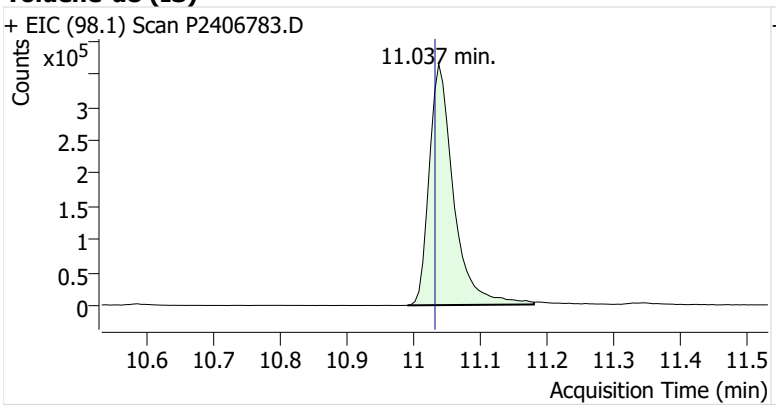


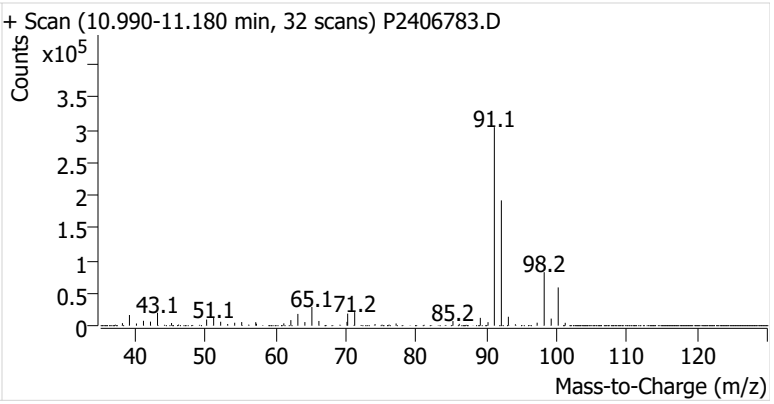
Benzene



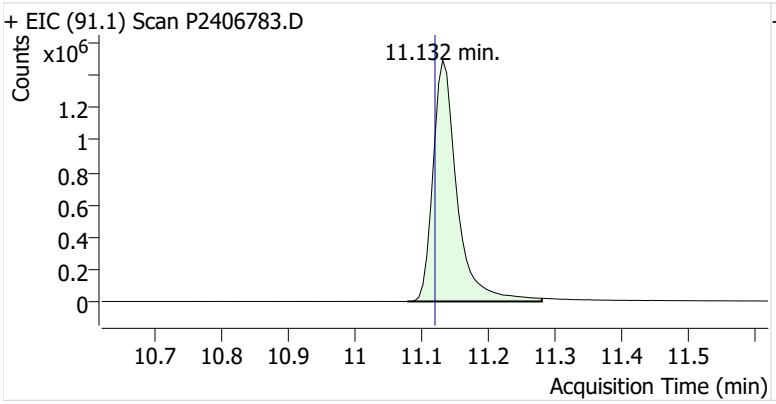


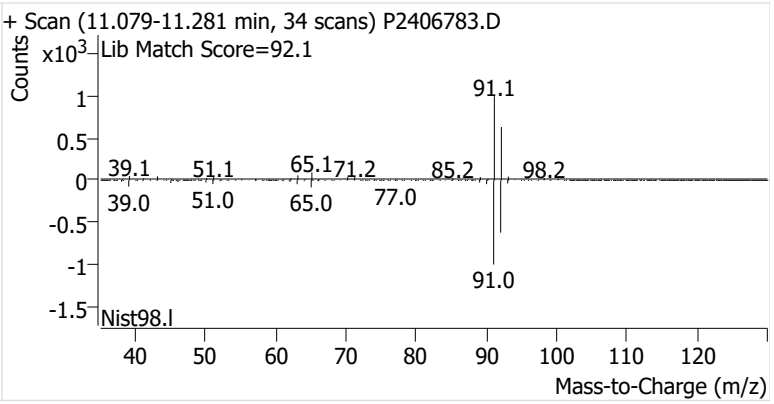
Toluene-d8 (IS)



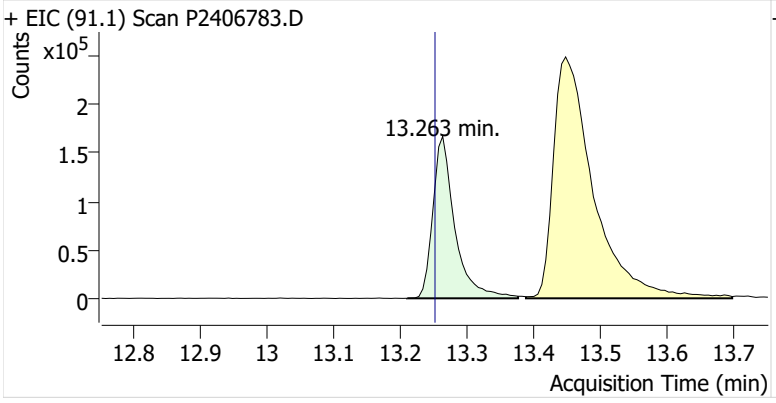


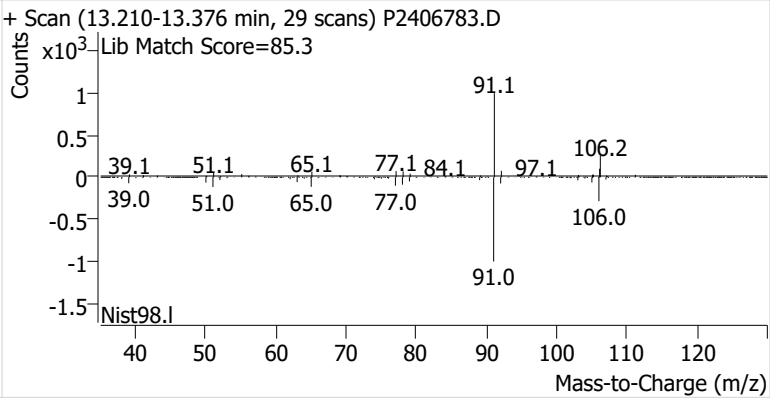
Toluene



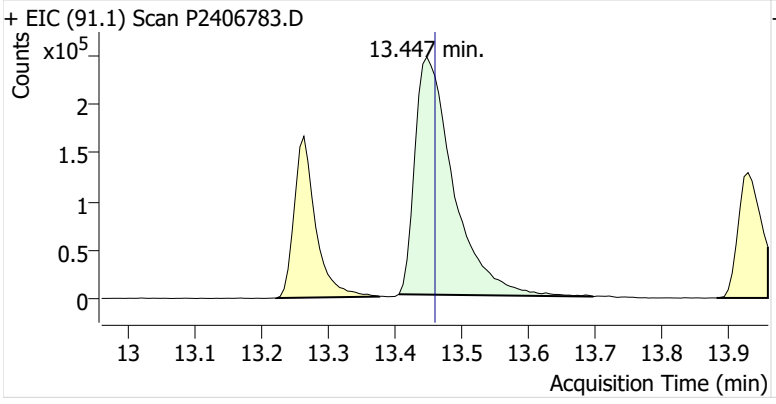


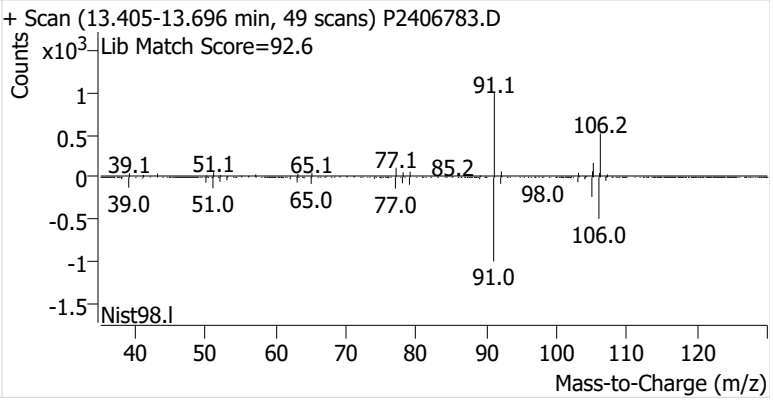
Ethylbenzene



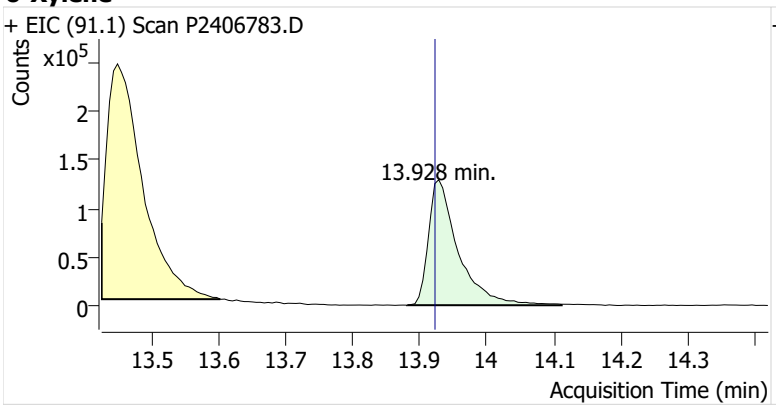


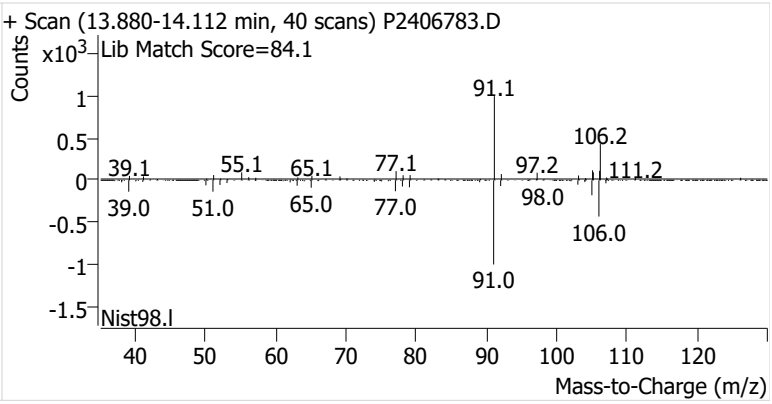
m-/p-Xylenes





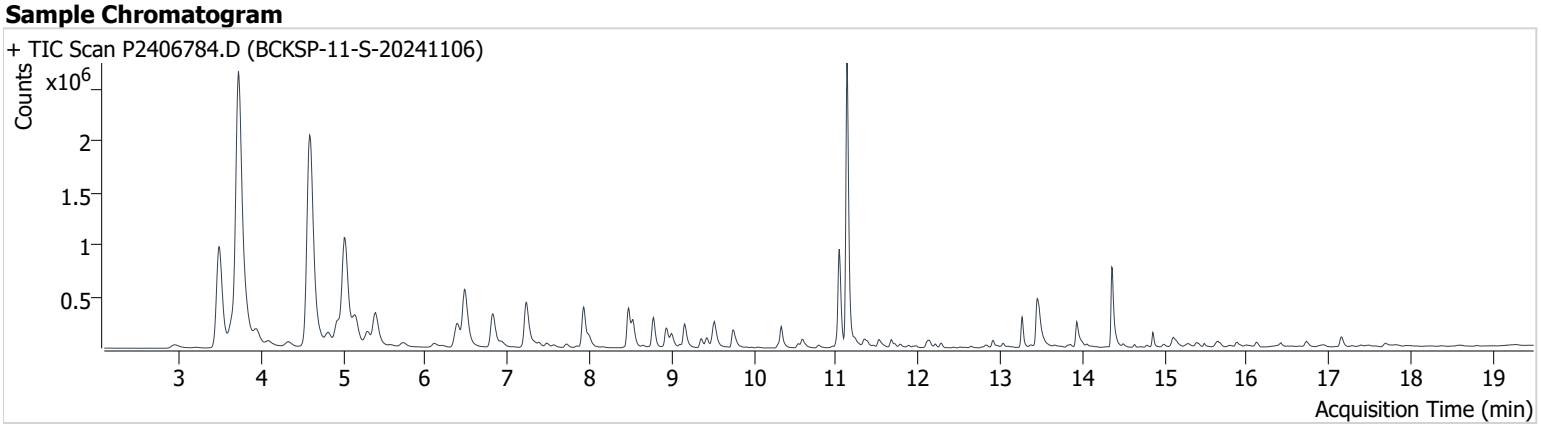
o-Xylene


+ EIC (91.1) Scan P2406783.D
Counts
x10^5
2
1.5
1
0.5
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.880-14.112 min, 40 scans) P2406783.D
Lib Match Score=84.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
55.1
65.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

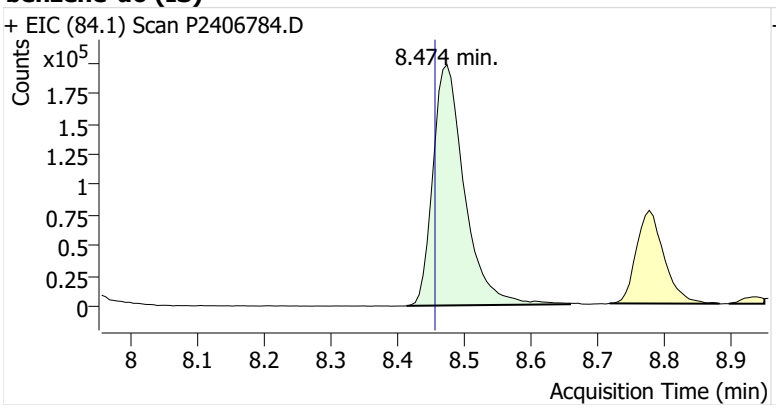
Name	BCKSP-11-S-20241106
Comment	C37031
Data File	P2406784.D
Acq. Date-Time	11/23/2024 12:00:23 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

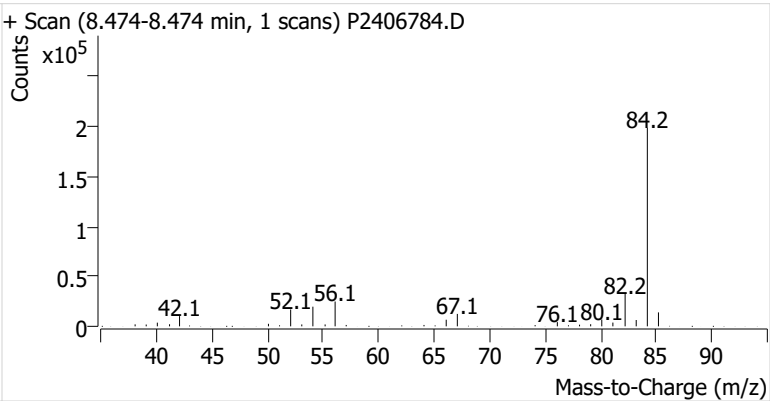
Sample Chromatogram



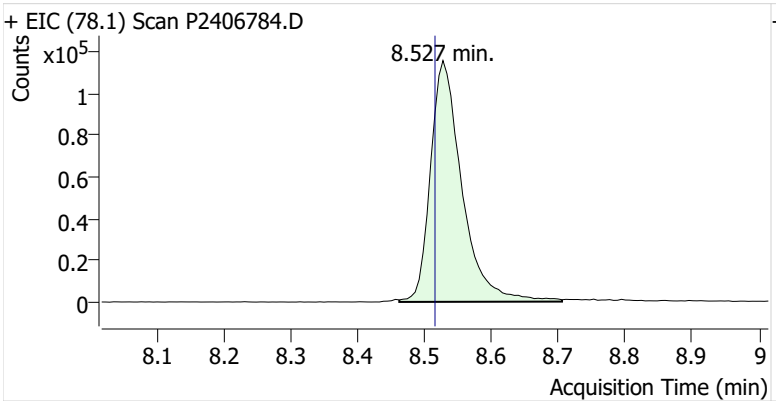
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	650,444	
Benzene	benzene-d6 (IS)	8.527	8.515	379,627	
Toluene-d8 (IS)		11.038	11.032	952,690	
Toluene	Toluene-d8 (IS)	11.133	11.121	3,014,372	
Ethylbenzene	Toluene-d8 (IS)	13.264	13.252	298,836	
m-/p-Xylenes	Toluene-d8 (IS)	13.448	13.459	727,658	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	278,284	

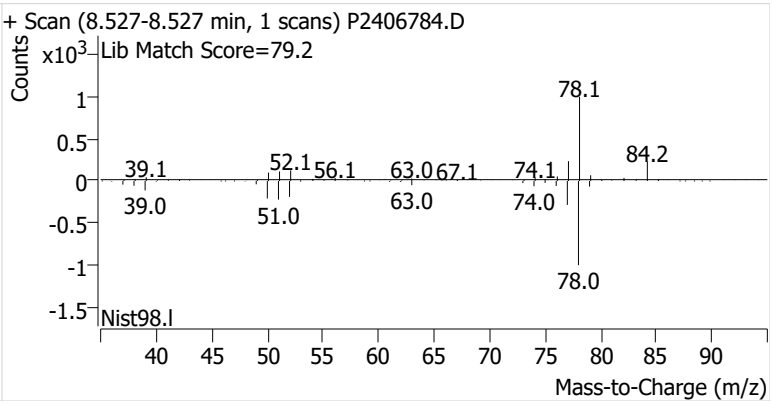
benzene-d6 (IS)



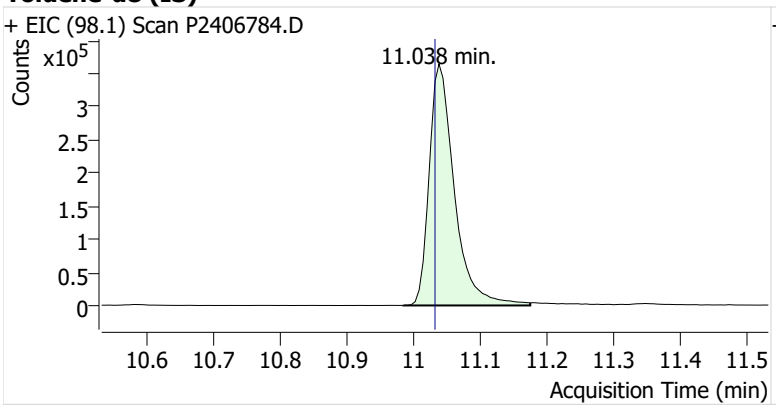


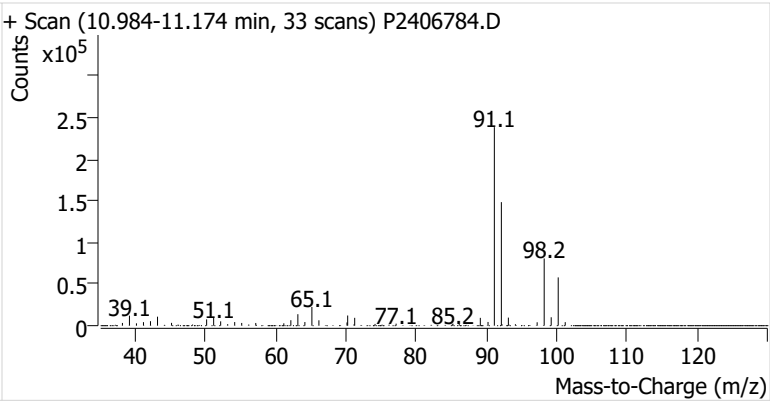
Benzene



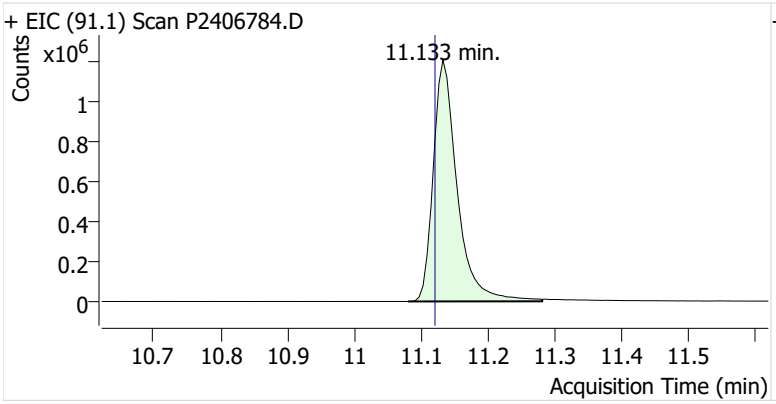


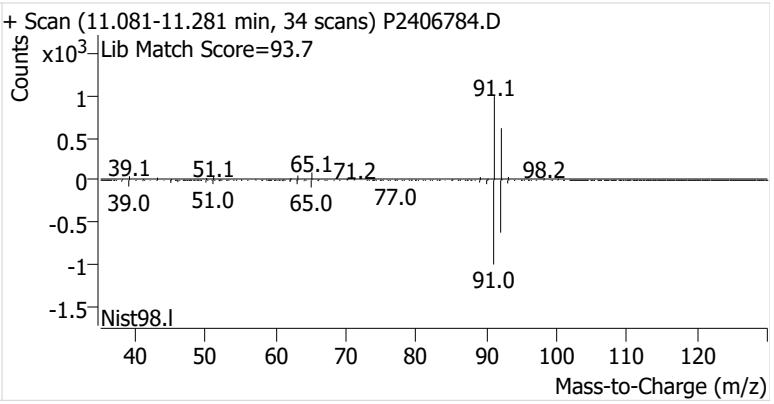
Toluene-d8 (IS)



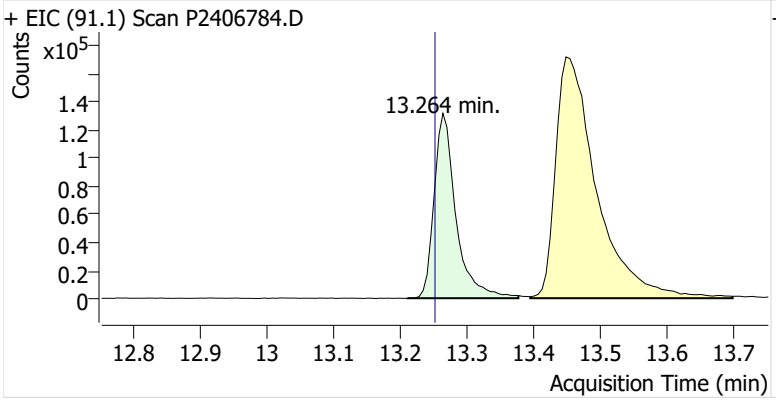


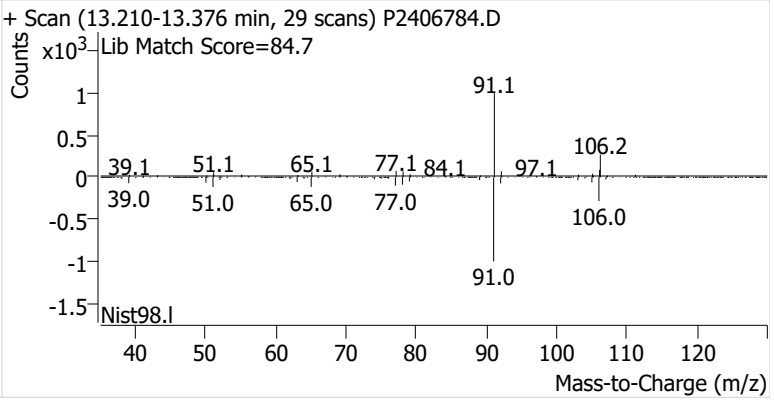
Toluene



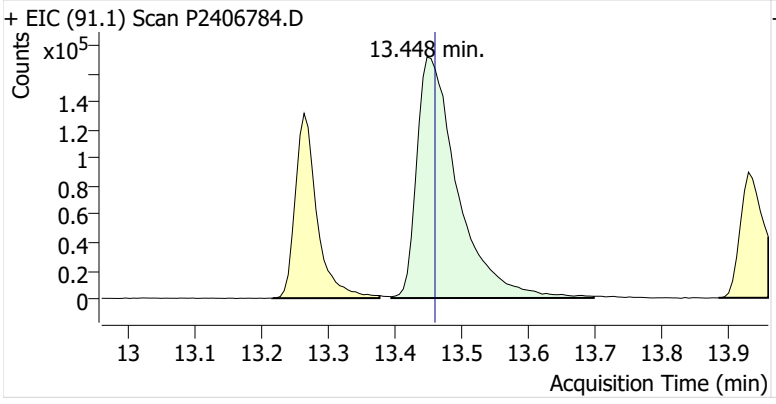


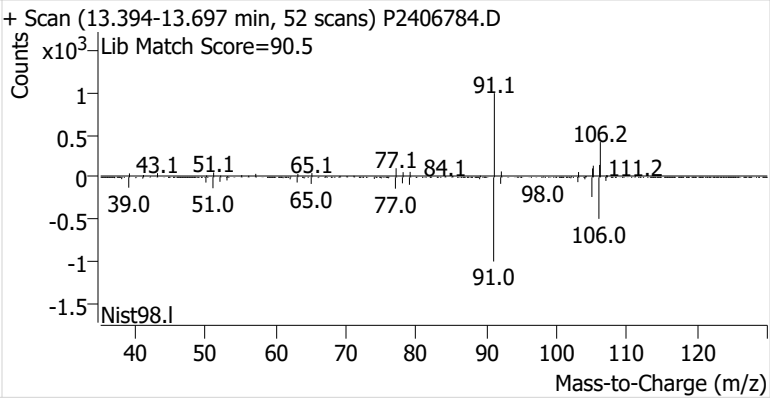
Ethylbenzene



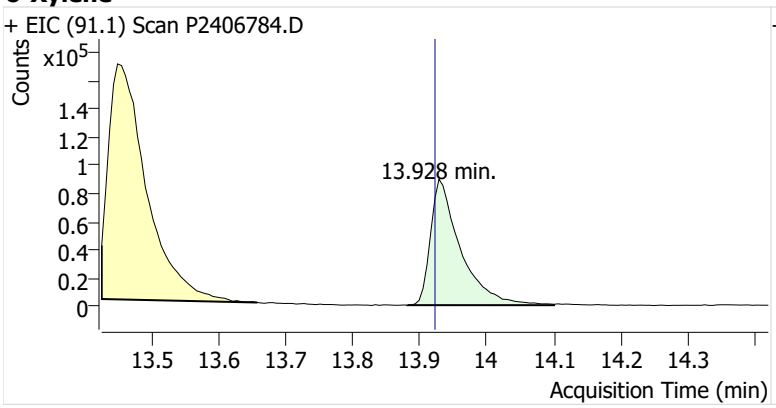


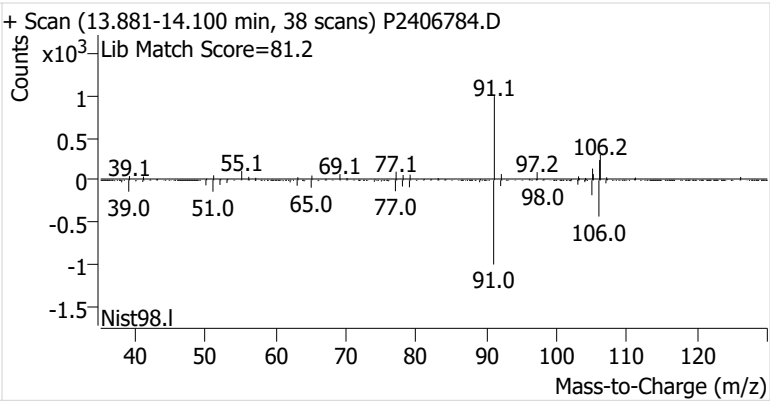
m-/p-Xylenes





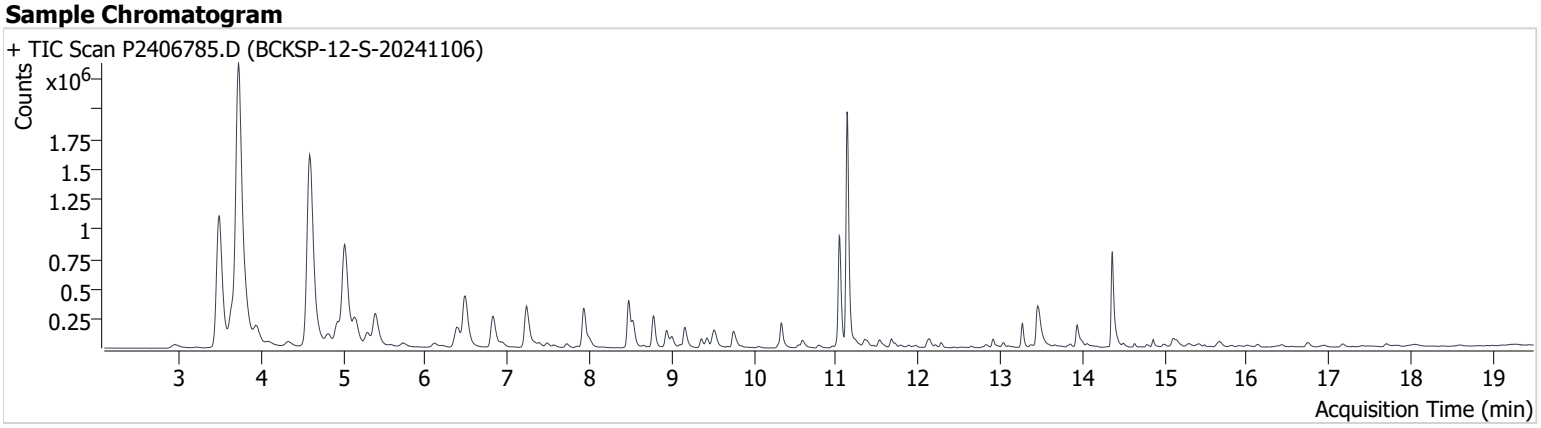
o-Xylene


+ EIC (91.1) Scan P2406784.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.881-14.100 min, 38 scans) P2406784.D
Lib Match Score=81.2
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
39.1
55.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

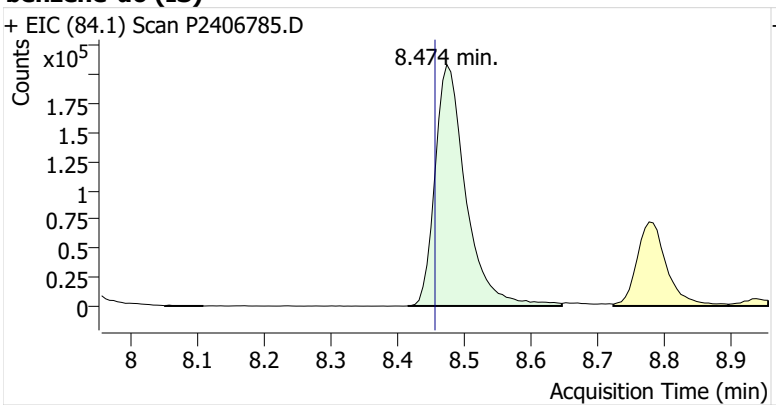
Name	BCKSP-12-S-20241106
Comment	B19814
Data File	P2406785.D
Acq. Date-Time	11/23/2024 12:37:40 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

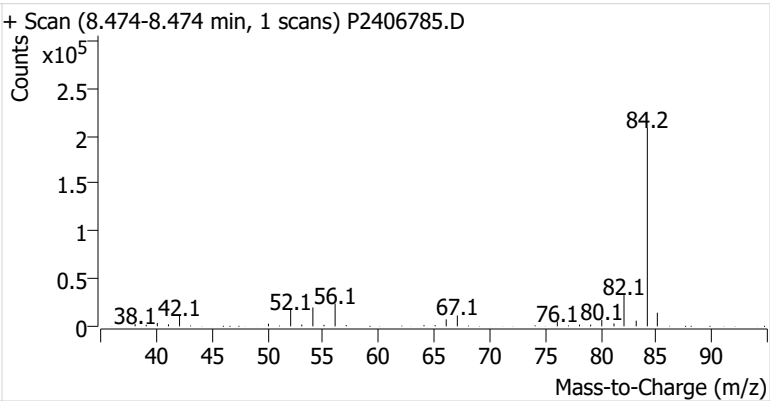
Sample Chromatogram



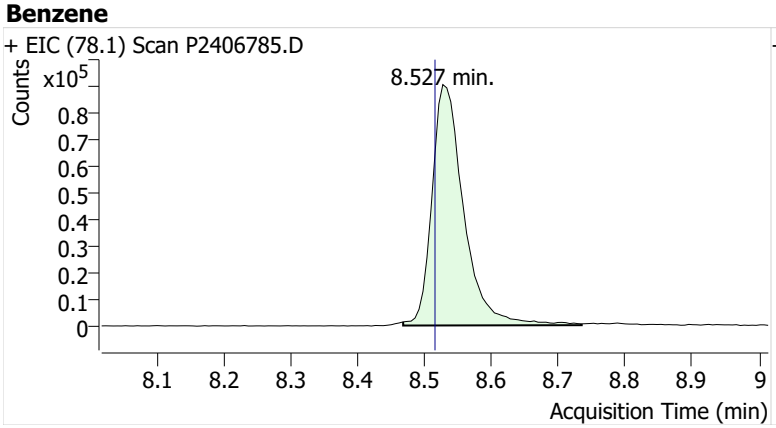
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	665,713	
Benzene	benzene-d6 (IS)	8.527	8.515	299,725	
Toluene-d8 (IS)		11.038	11.032	965,605	
Toluene	Toluene-d8 (IS)	11.133	11.121	2,211,281	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	209,147	
m-/p-Xylenes	Toluene-d8 (IS)	13.453	13.459	525,060	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	216,525	

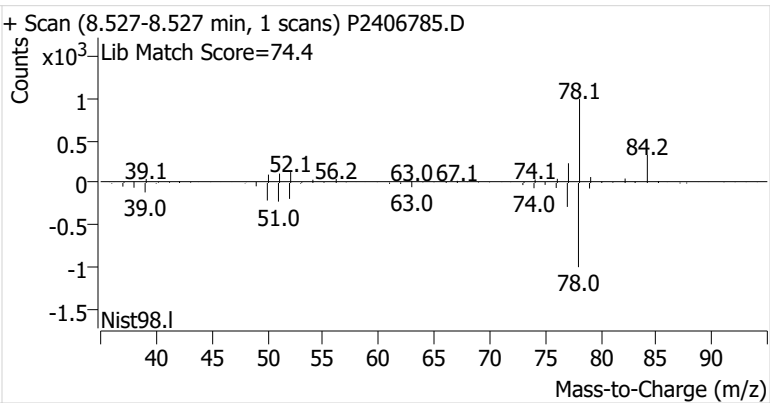
benzene-d6 (IS)



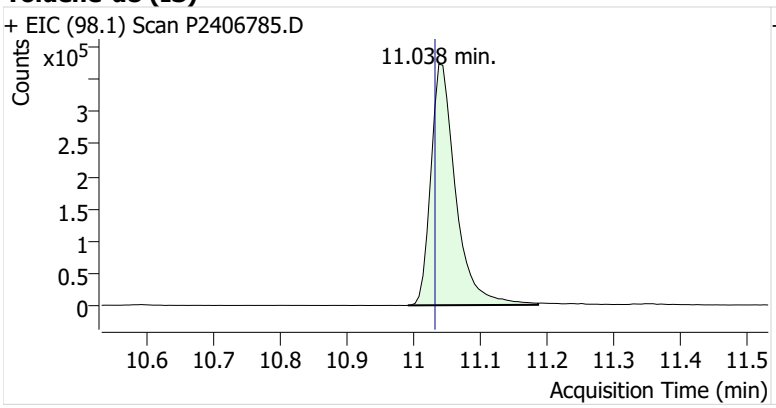


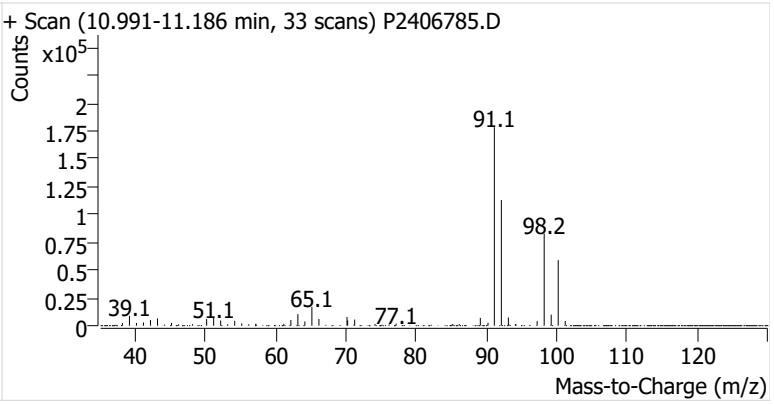
Benzene



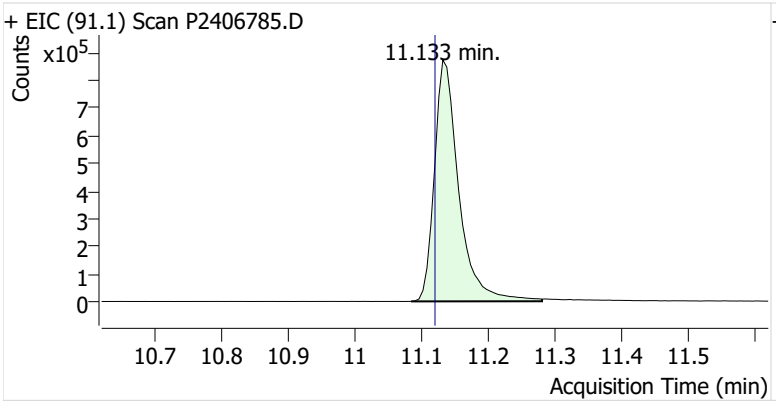


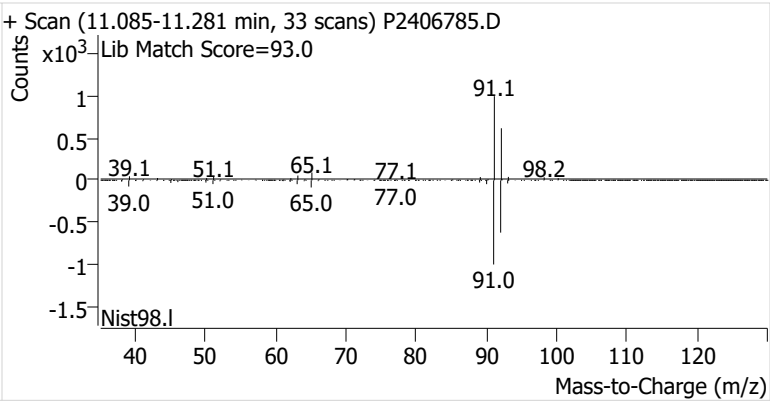
Toluene-d8 (IS)



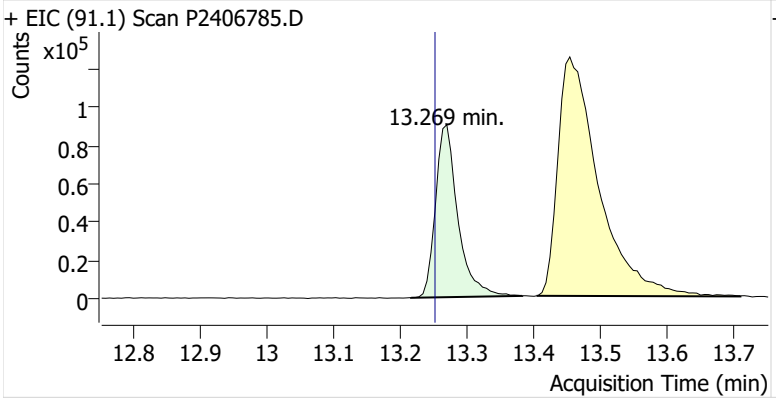


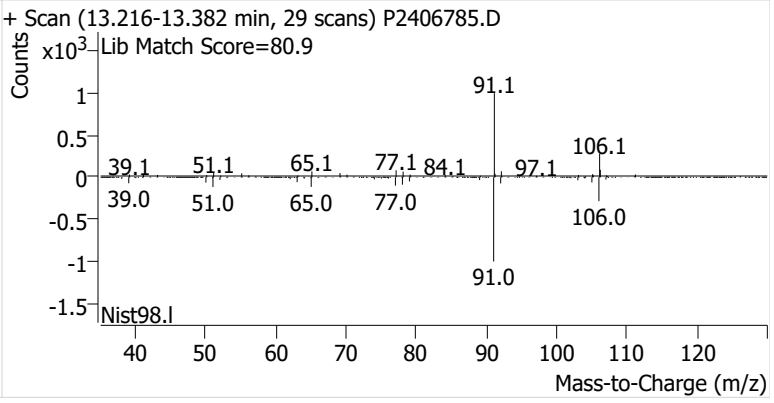
Toluene



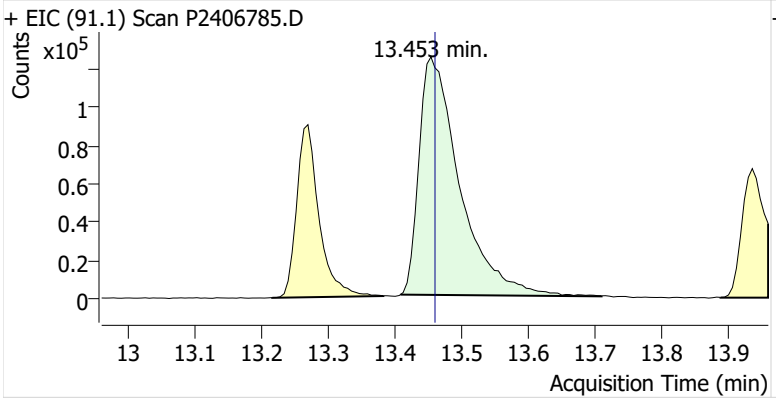


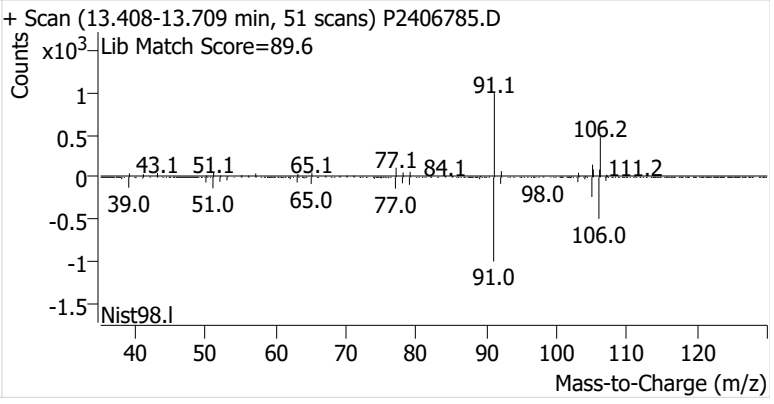
Ethylbenzene



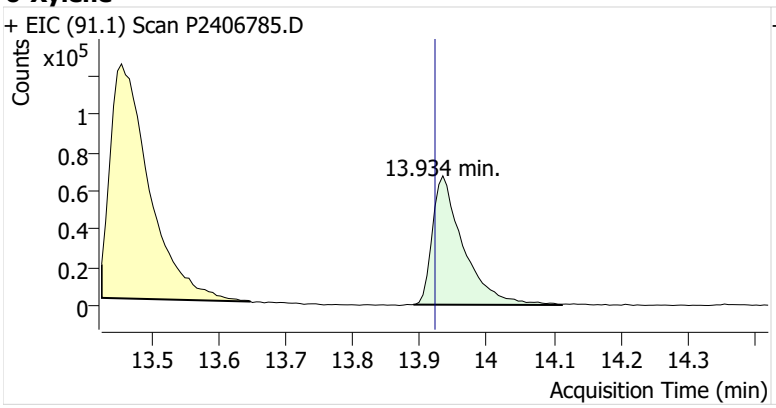


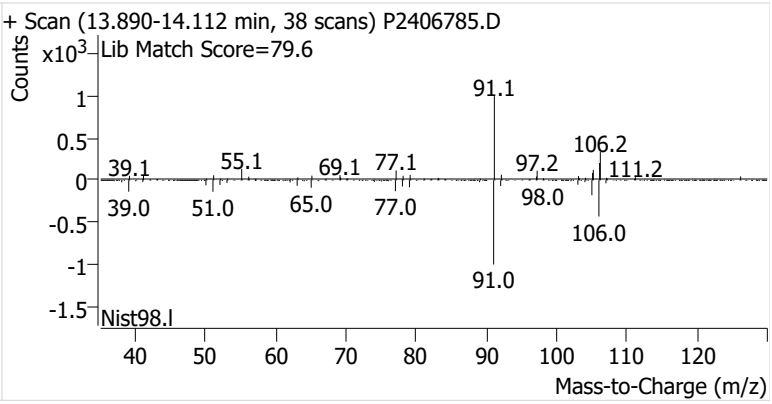
m-/p-Xylenes





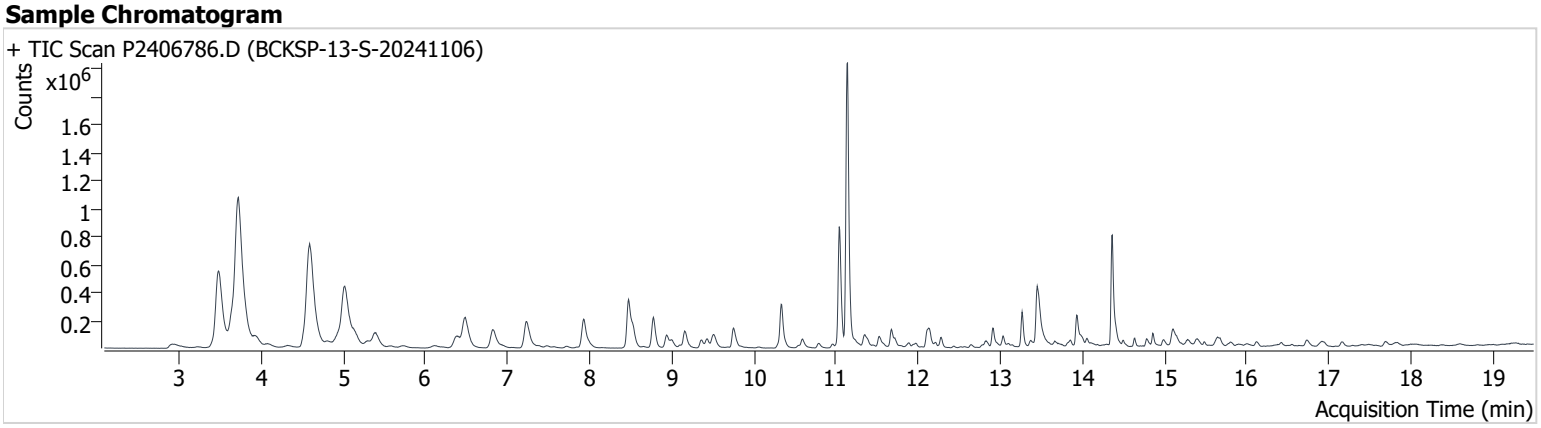
o-Xylene


+ EIC (91.1) Scan P2406785.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.934 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.890-14.112 min, 38 scans) P2406785.D
Lib Match Score=79.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

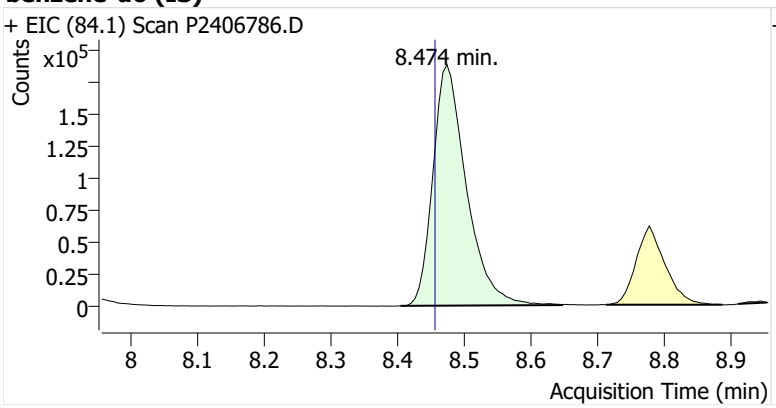
Name	BCKSP-13-S-20241106
Comment	B19990
Data File	P2406786.D
Acq. Date-Time	11/23/2024 1:15:24 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

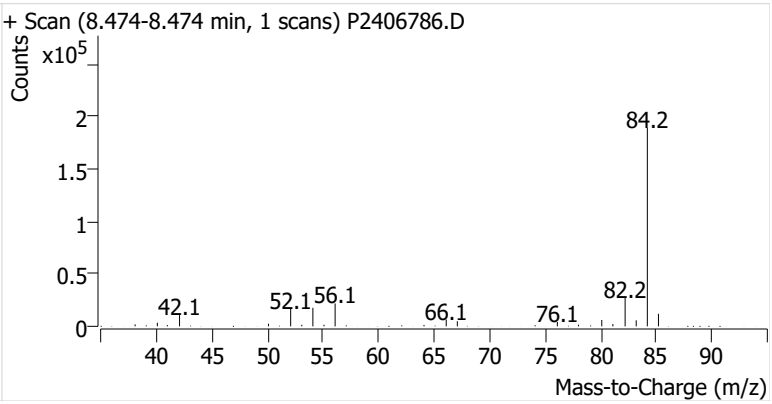
Sample Chromatogram



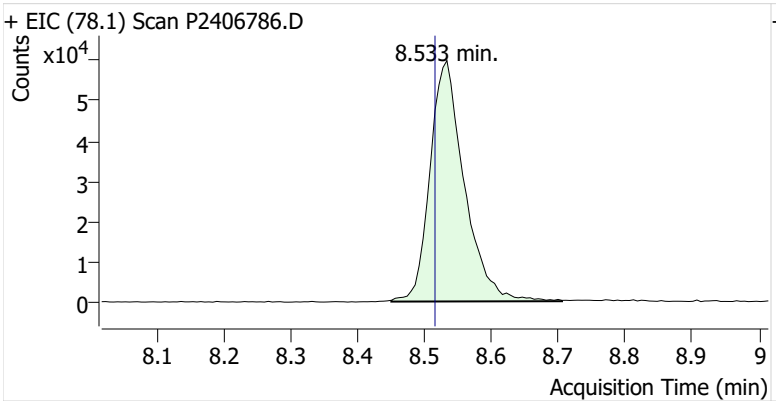
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	655,679	
Benzene	benzene-d6 (IS)	8.533	8.515	213,059	
Toluene-d8 (IS)		11.038	11.032	899,439	
Toluene	Toluene-d8 (IS)	11.139	11.121	2,382,524	
Ethylbenzene	Toluene-d8 (IS)	13.264	13.252	242,901	
m-/p-Xylenes	Toluene-d8 (IS)	13.448	13.459	610,719	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	249,163	

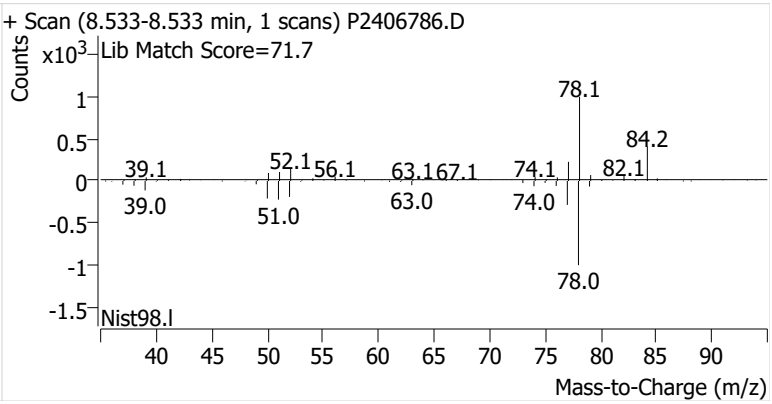
benzene-d6 (IS)



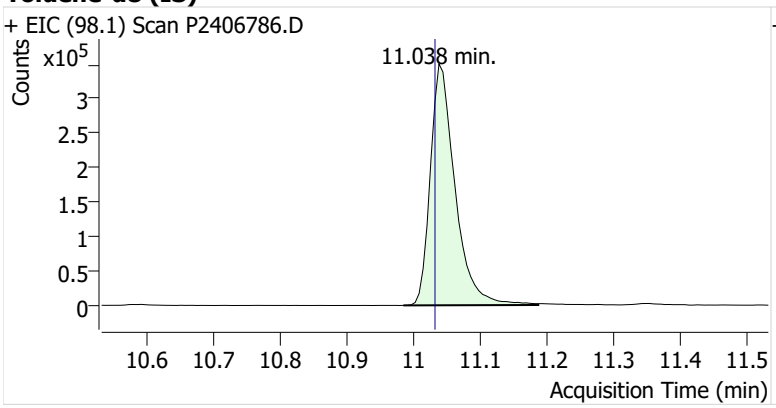


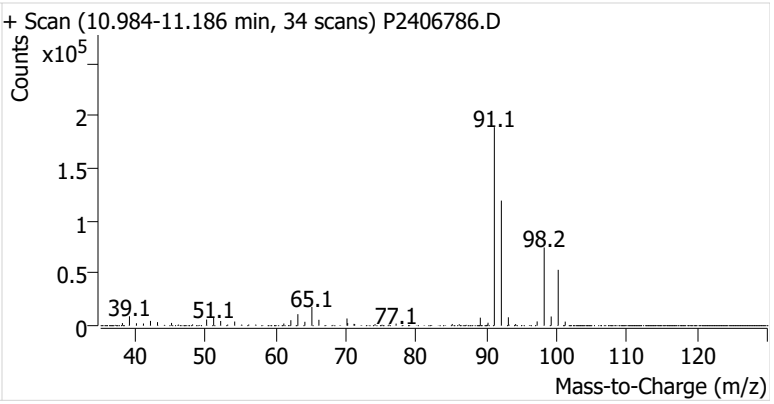
Benzene



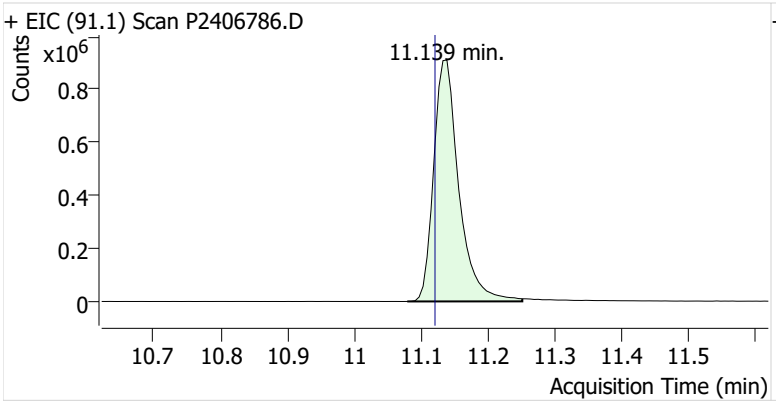


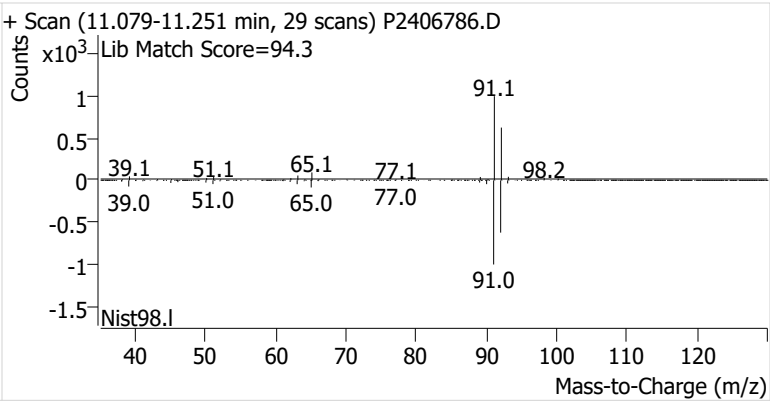
Toluene-d8 (IS)



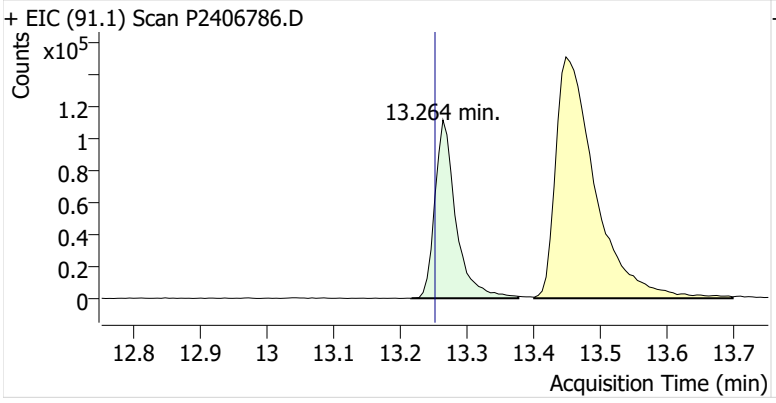


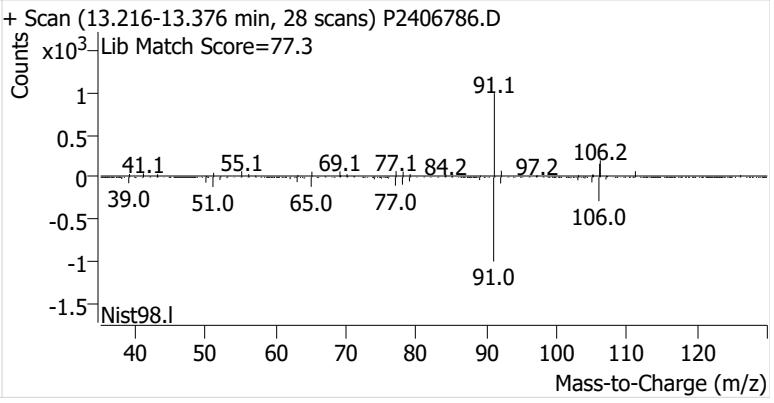
Toluene



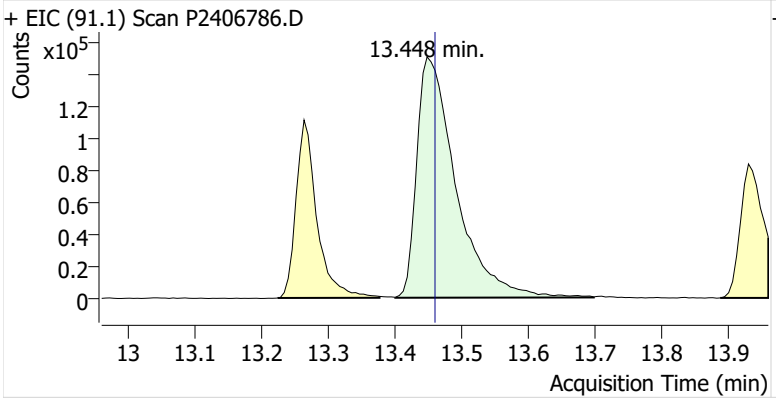


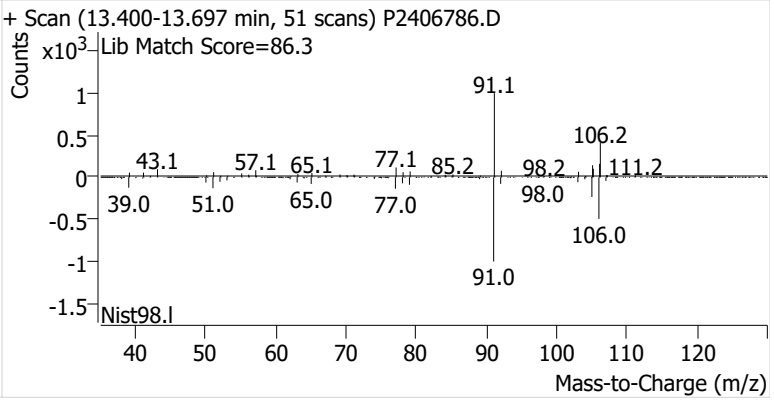
Ethylbenzene



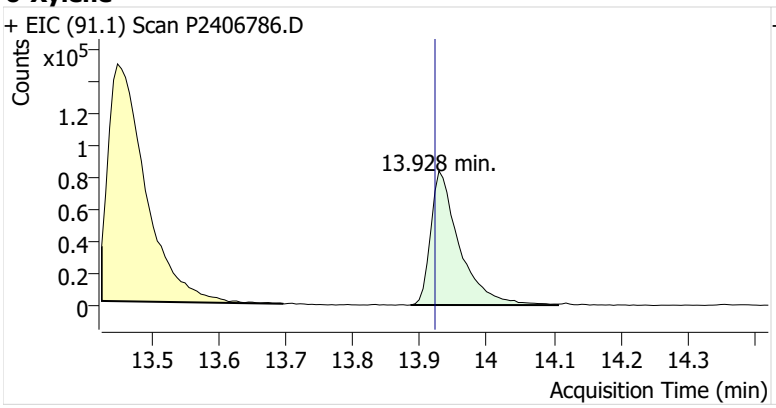


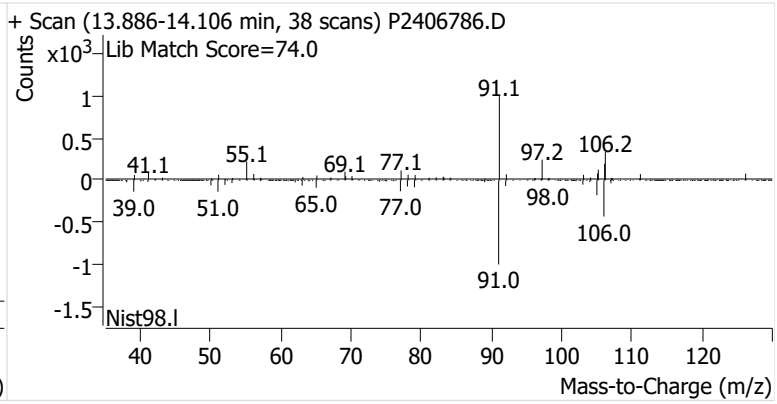
m-/p-Xylenes





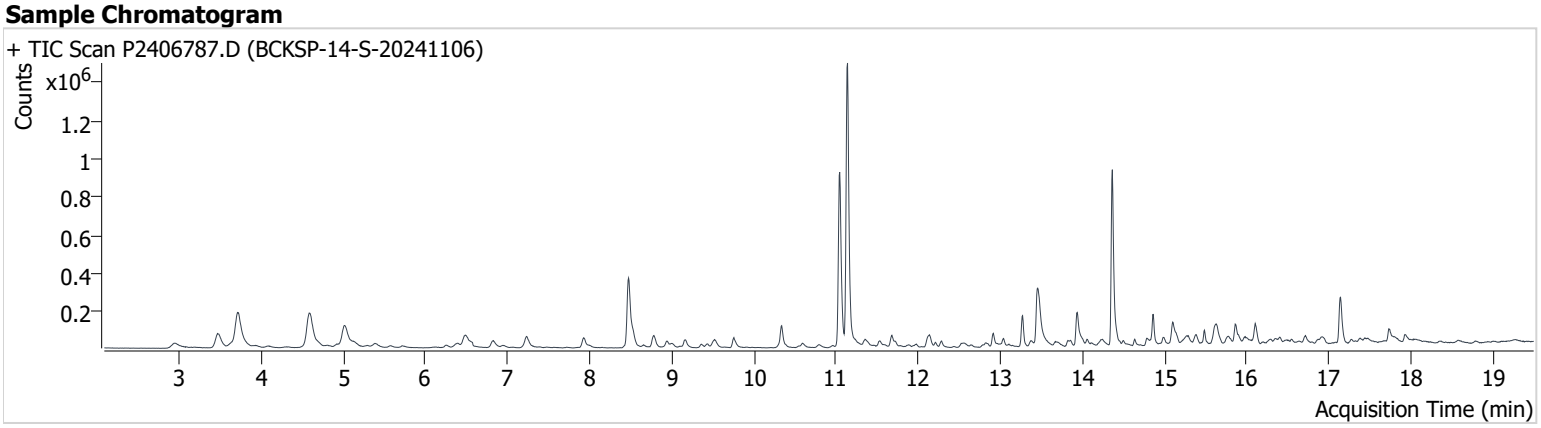
o-Xylene


+ EIC (91.1) Scan P2406786.D
Counts
x10^5
1.2
1
0.8
0.6
0.4
0.2
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.886-14.106 min, 38 scans) P2406786.D
Counts
x10^3
Lib Match Score=74.0
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

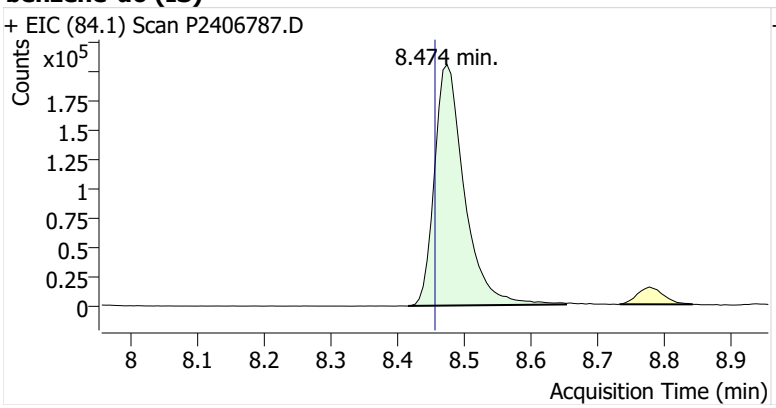
Name	BCKSP-14-S-20241106
Comment	C53665
Data File	P2406787.D
Acq. Date-Time	11/23/2024 1:52:41 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

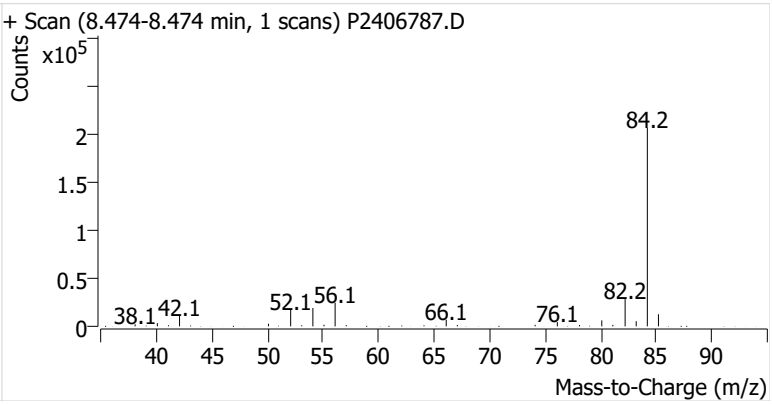
Sample Chromatogram



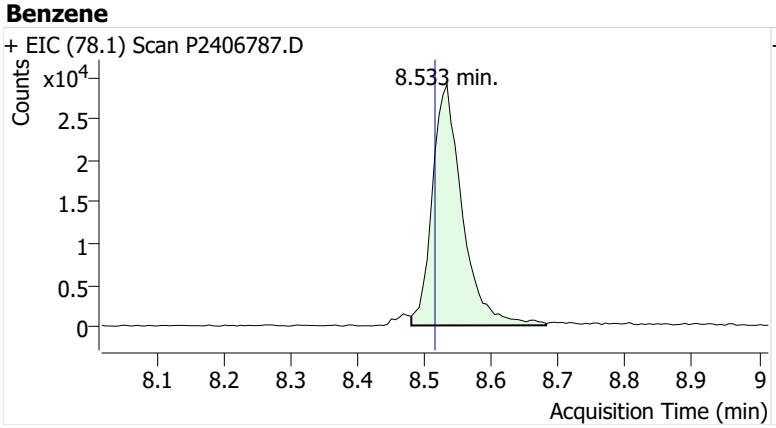
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.474	8.456	639,618	
Benzene	benzene-d6 (IS)	8.533	8.515	90,772	
Toluene-d8 (IS)		11.044	11.032	931,300	
Toluene	Toluene-d8 (IS)	11.139	11.121	1,637,079	
Ethylbenzene	Toluene-d8 (IS)	13.270	13.252	156,673	
m-/p-Xylenes	Toluene-d8 (IS)	13.454	13.459	423,701	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	178,780	

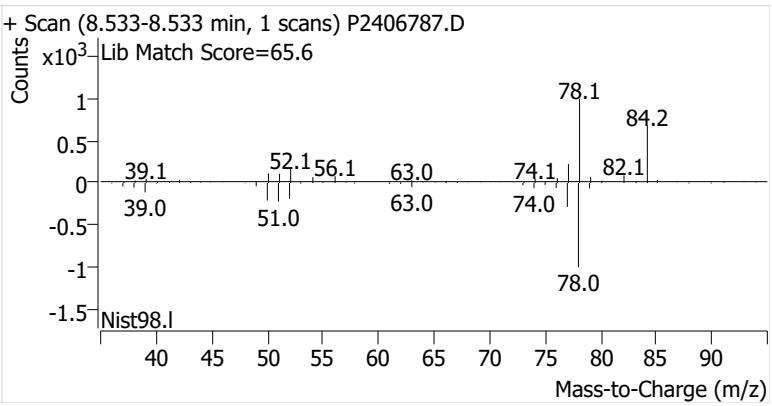
benzene-d6 (IS)



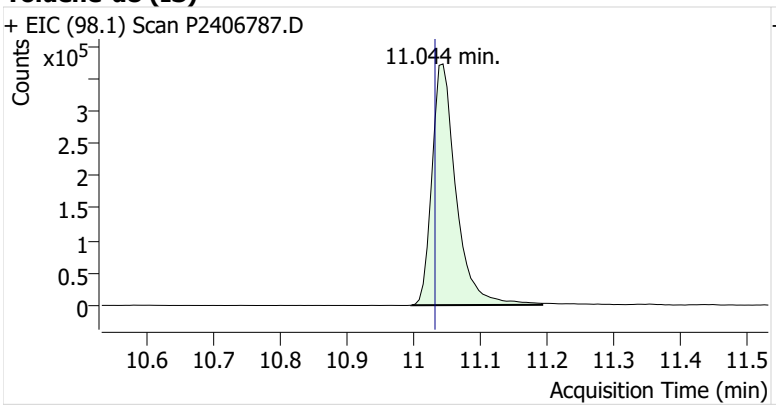


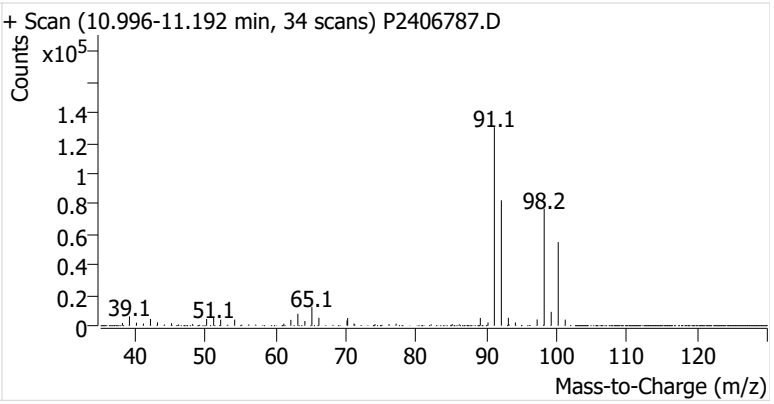
Benzene



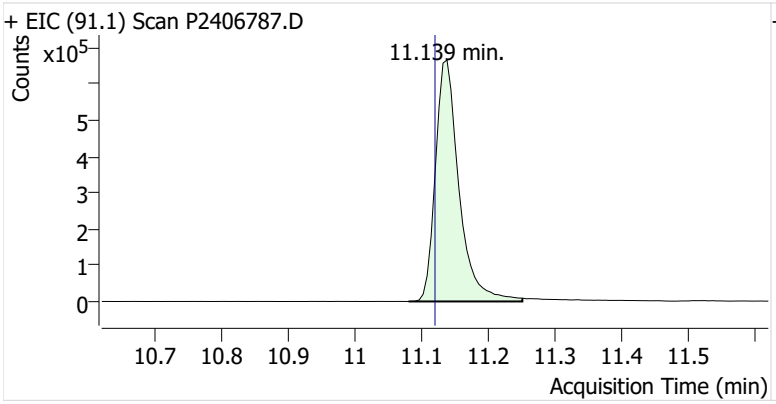


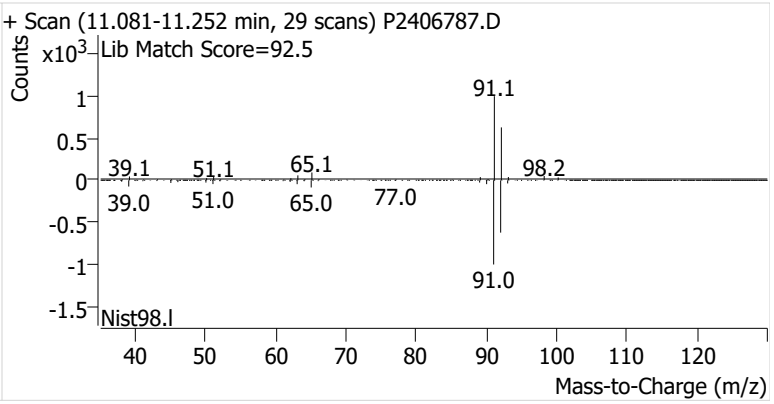
Toluene-d8 (IS)



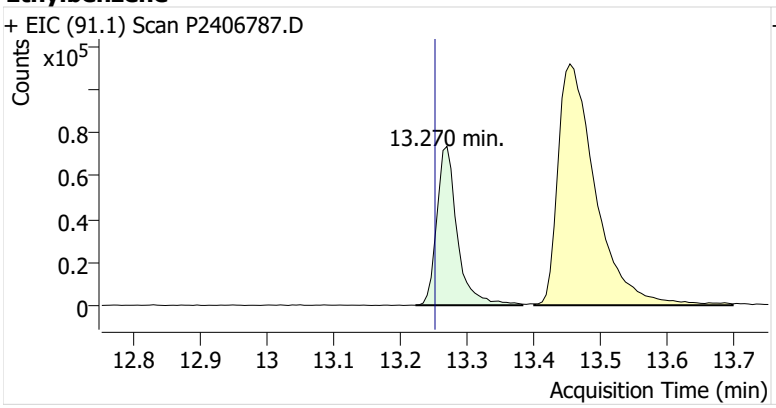


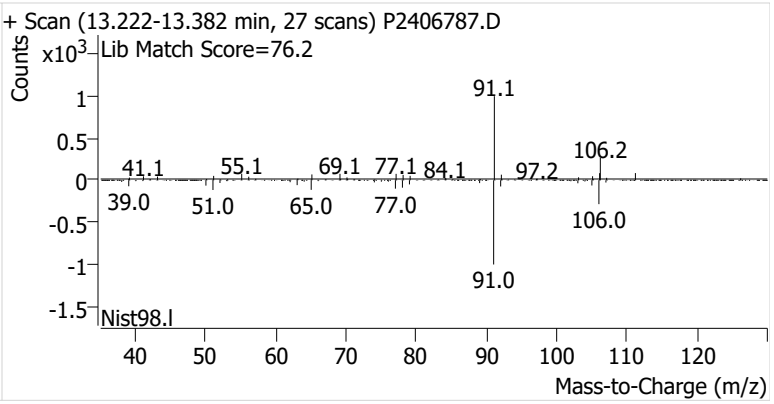
Toluene



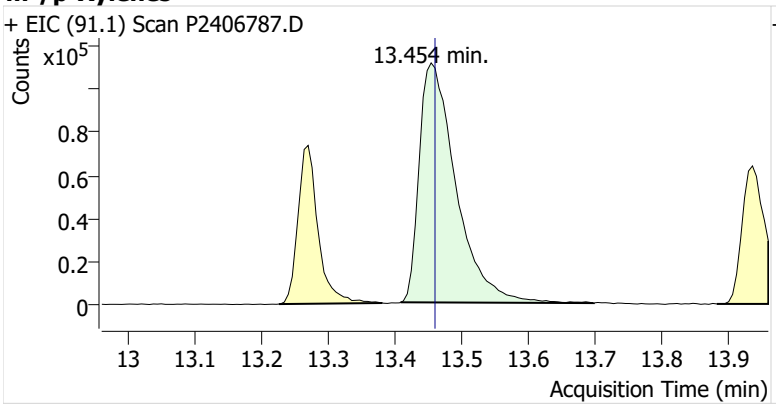


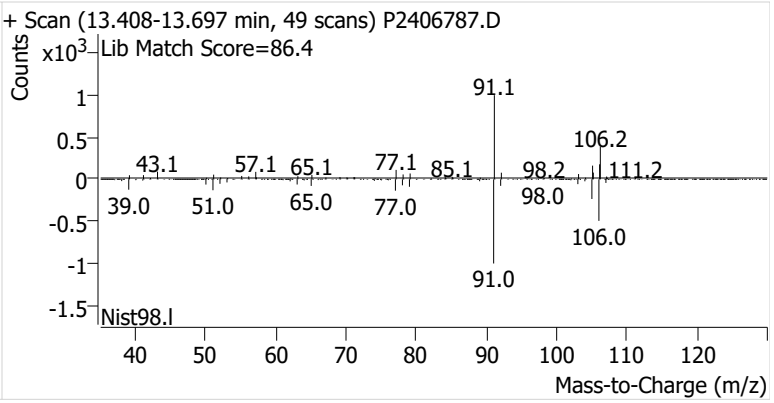
Ethylbenzene



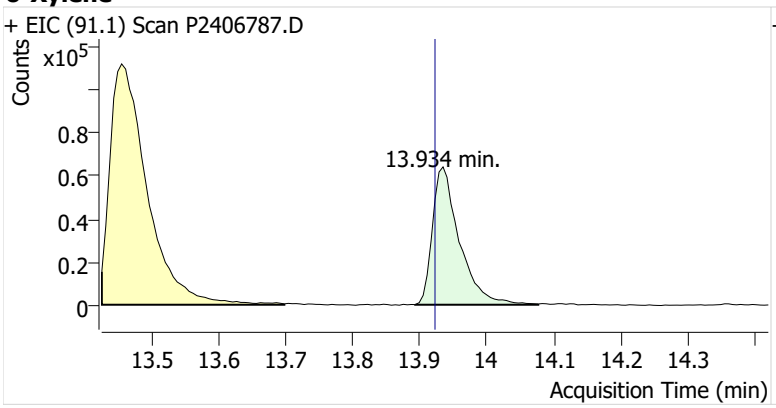


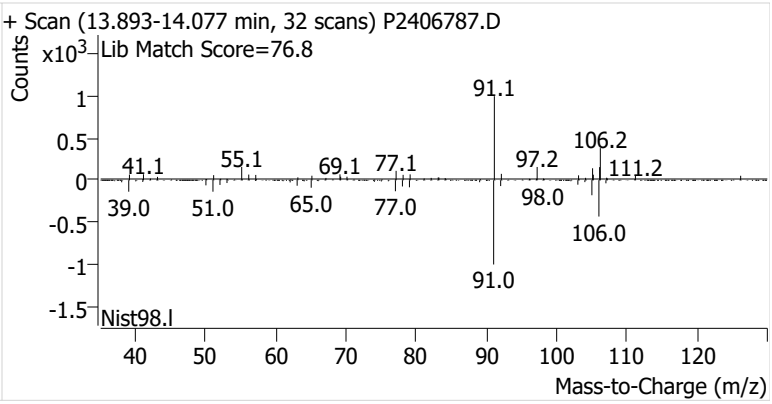
m-/p-Xylenes





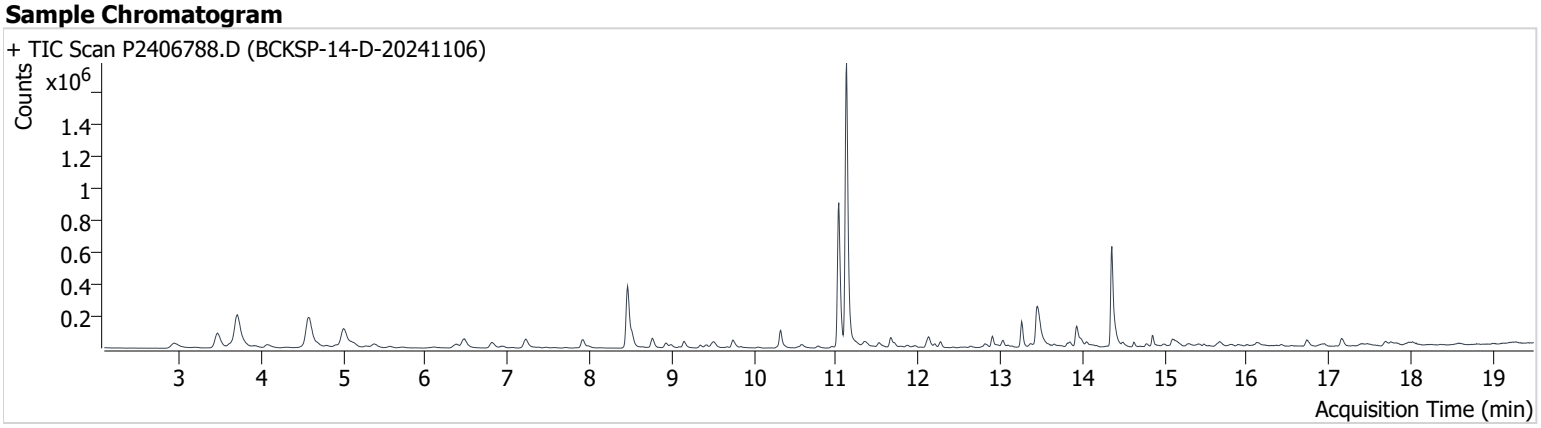
o-Xylene


+ EIC (91.1) Scan P2406787.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.934 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.893-14.077 min, 32 scans) P2406787.D
Counts
x10^3
Lib Match Score=76.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
41.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

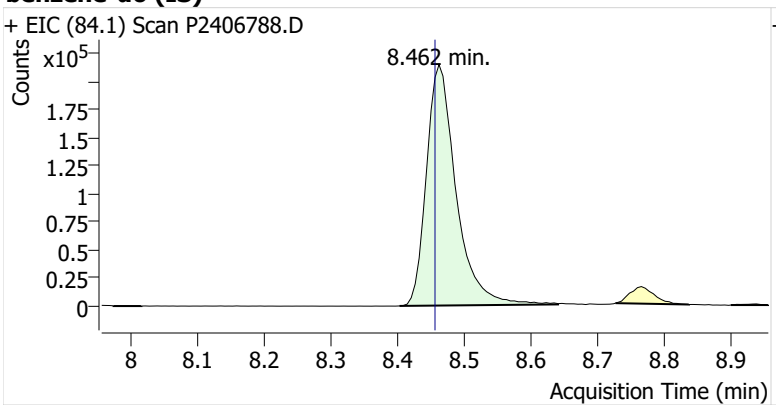
Name	BCKSP-14-D-20241106
Comment	B21079
Data File	P2406788.D
Acq. Date-Time	11/23/2024 11:02:29 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

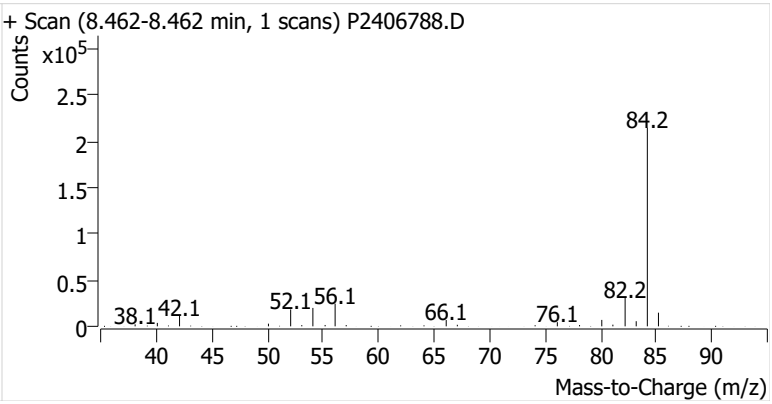
Sample Chromatogram



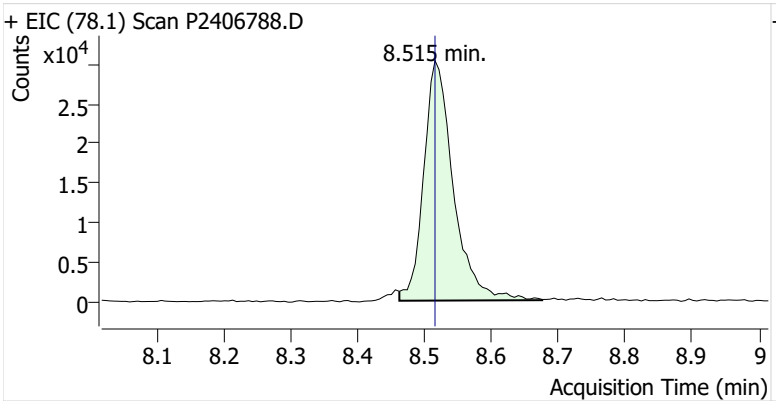
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	658,764	
Benzene	benzene-d6 (IS)	8.515	8.515	93,210	
Toluene-d8 (IS)		11.032	11.032	900,433	
Toluene	Toluene-d8 (IS)	11.127	11.121	1,994,303	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	155,820	
m-/p-Xylenes	Toluene-d8 (IS)	13.448	13.459	386,928	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	154,451	

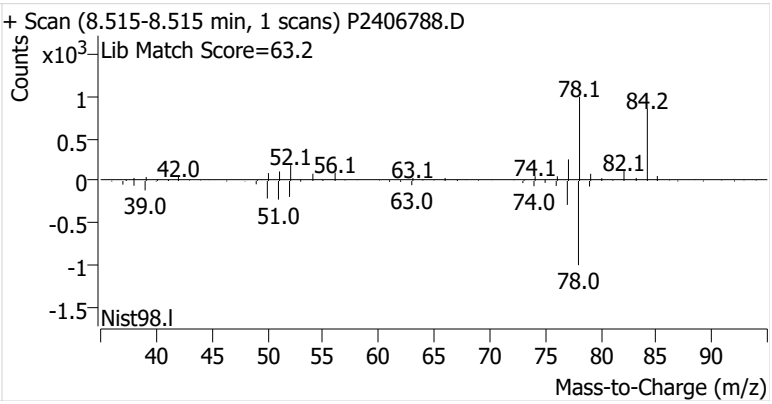
benzene-d6 (IS)



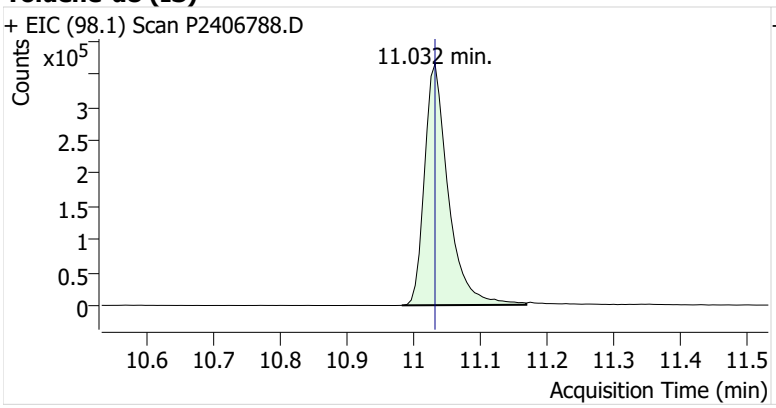


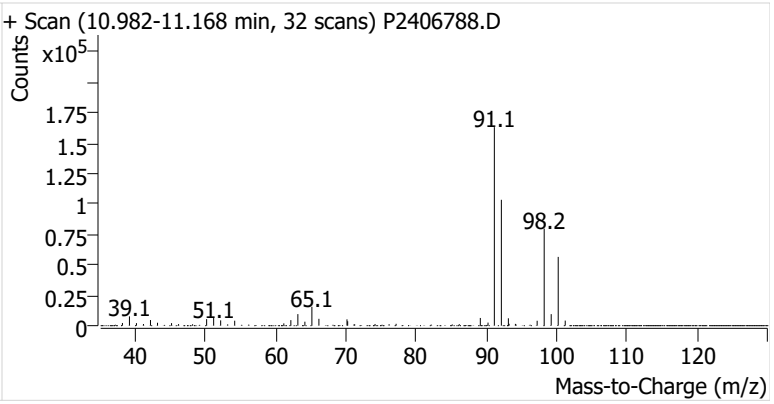
Benzene



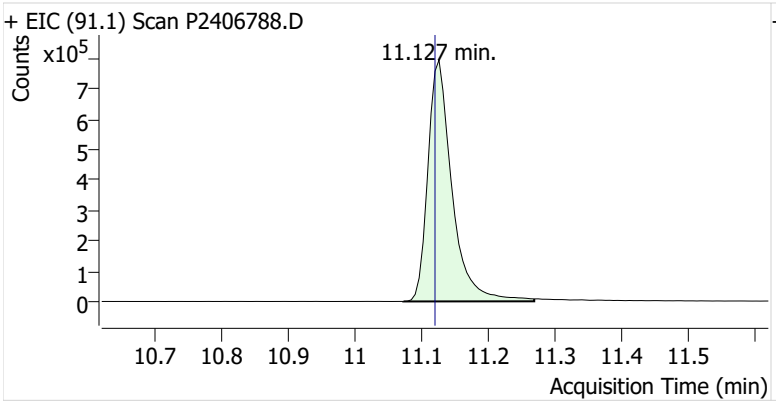


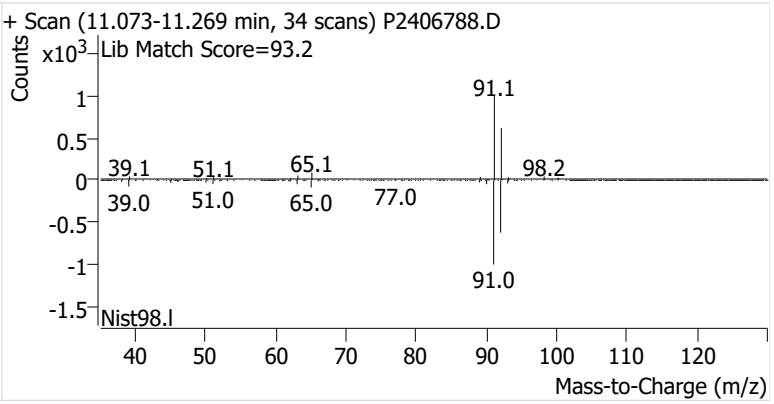
Toluene-d8 (IS)



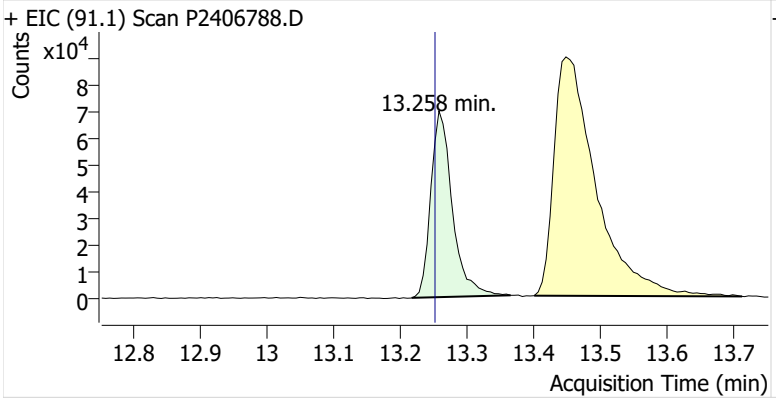


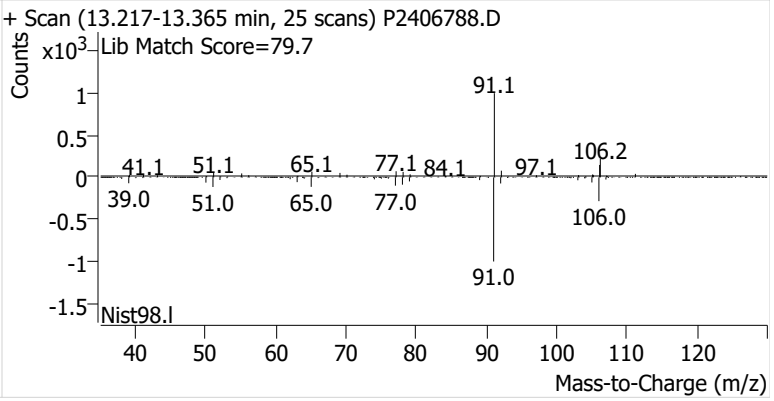
Toluene



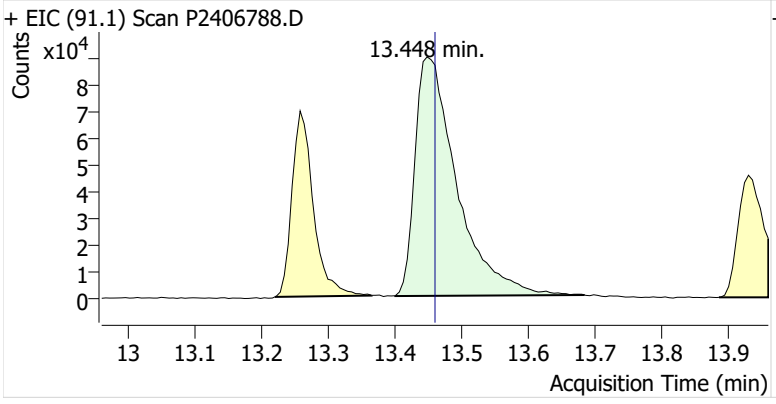


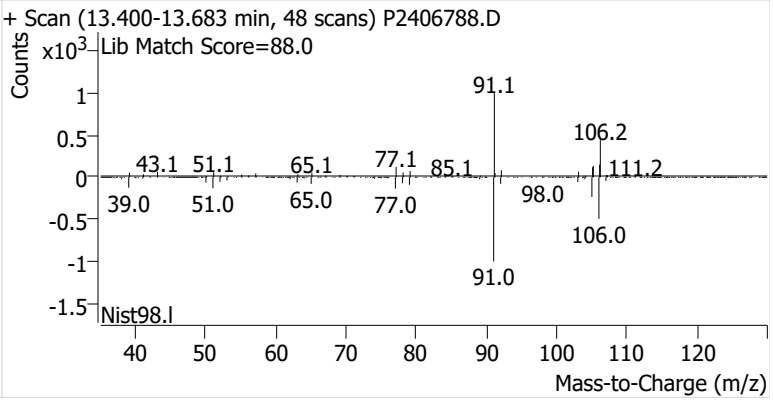
Ethylbenzene



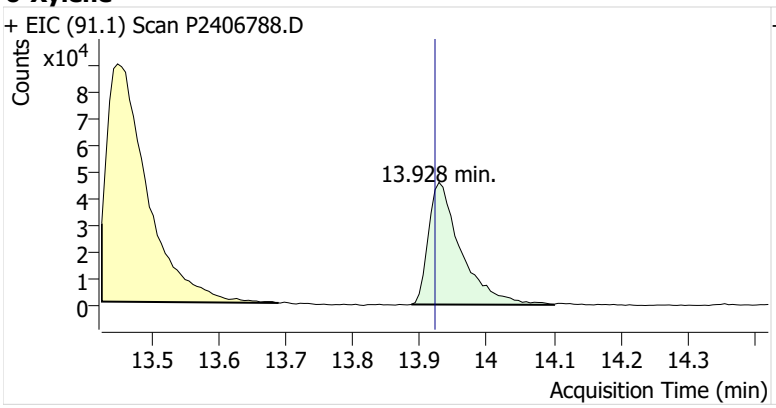


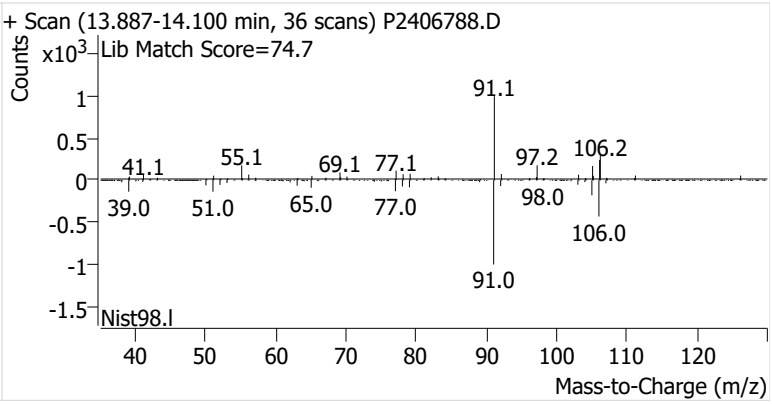
m-/p-Xylenes





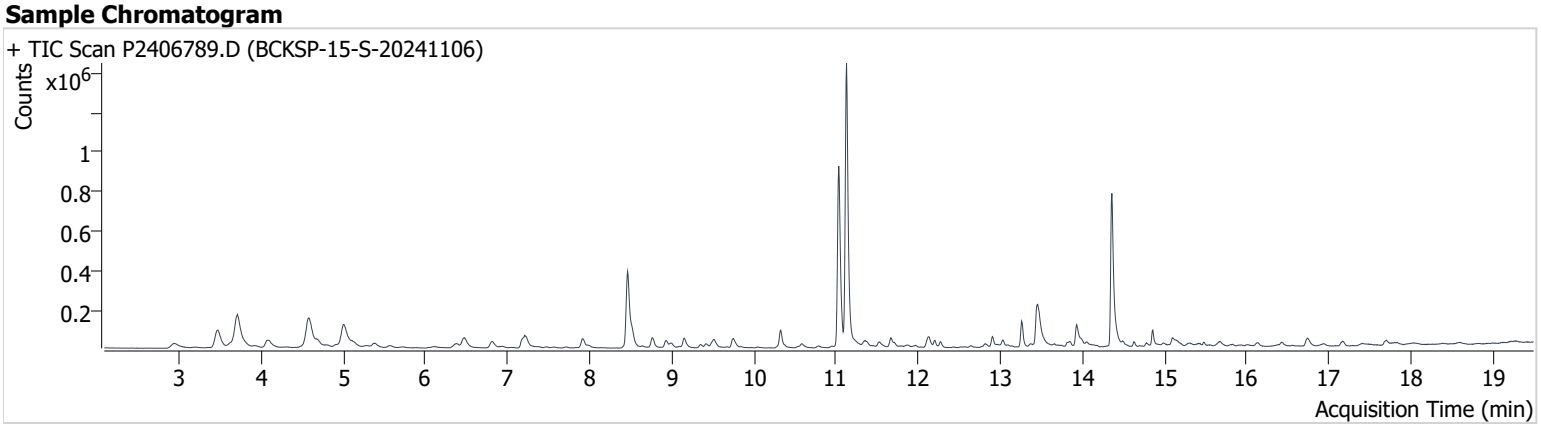
o-Xylene


+ EIC (91.1) Scan P2406788.D
Counts
x10^4
13.928 min.
Acquisition Time (min)


+ Scan (13.887-14.100 min, 36 scans) P2406788.D
Lib Match Score=74.7
Counts
x10^3
91.1
41.1
55.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

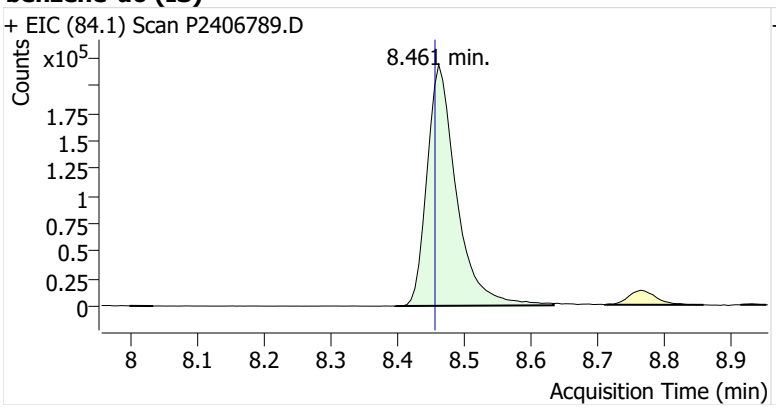
Name	BCKSP-15-S-20241106
Comment	B52746
Data File	P2406789.D
Acq. Date-Time	11/23/2024 11:39:44 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

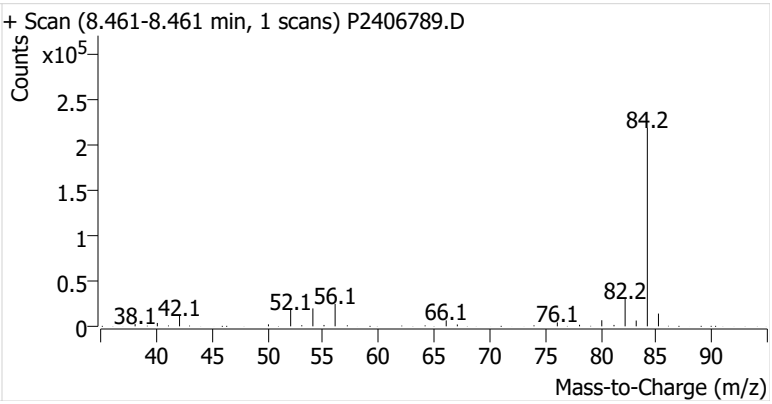
Sample Chromatogram



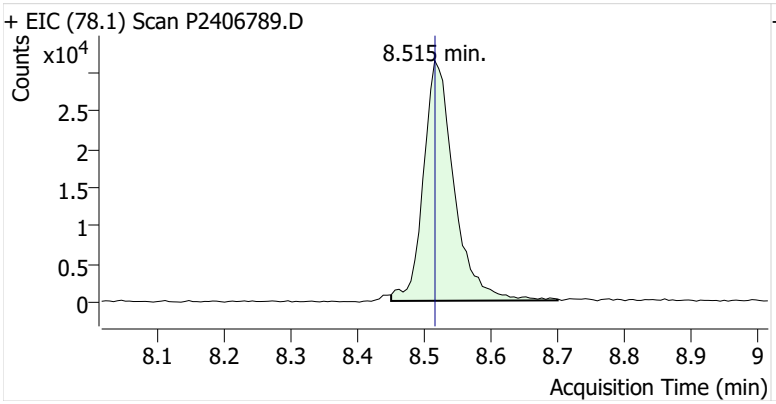
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.461	8.456	666,734	
Benzene	benzene-d6 (IS)	8.515	8.515	100,403	
Toluene-d8 (IS)		11.031	11.032	944,007	
Toluene	Toluene-d8 (IS)	11.126	11.121	1,604,805	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	133,911	
m-/p-Xylenes	Toluene-d8 (IS)	13.453	13.459	336,007	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	135,807	

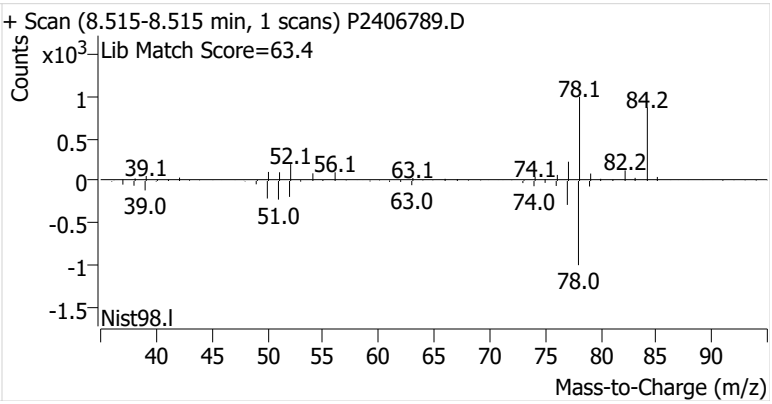
benzene-d6 (IS)



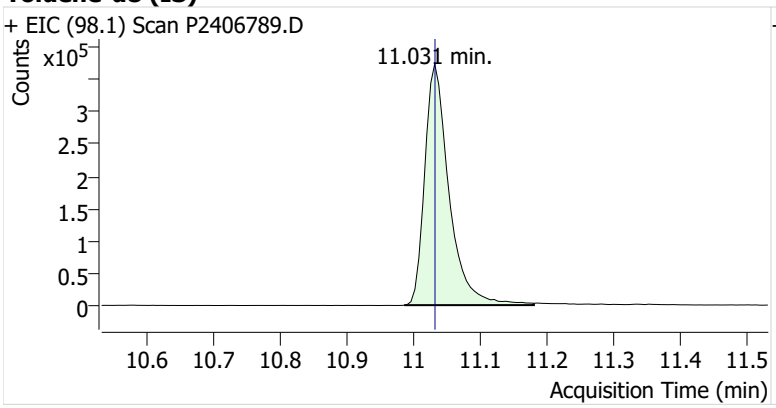


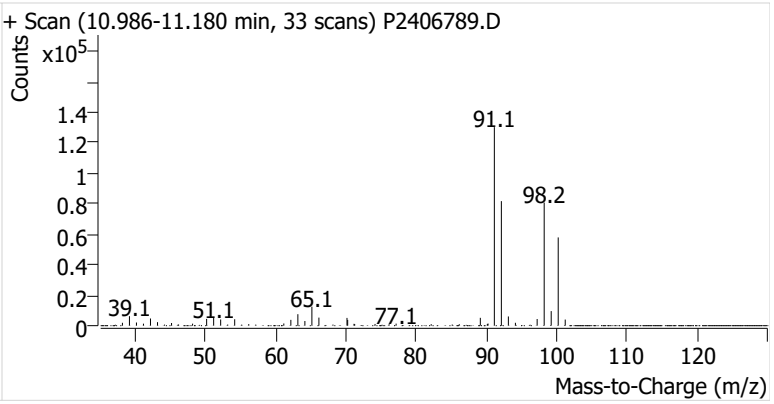
Benzene



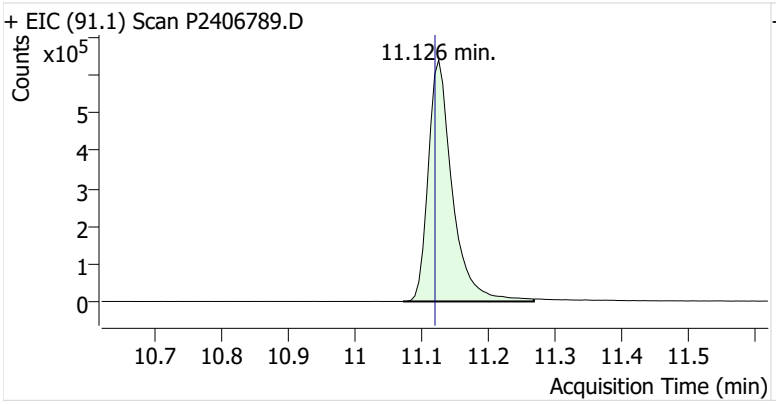


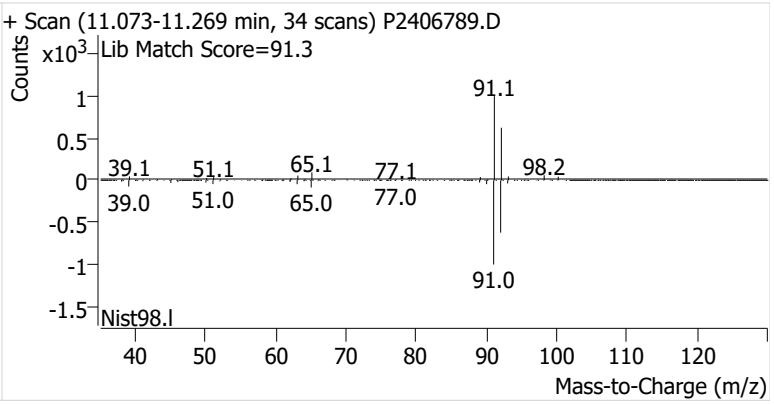
Toluene-d8 (IS)



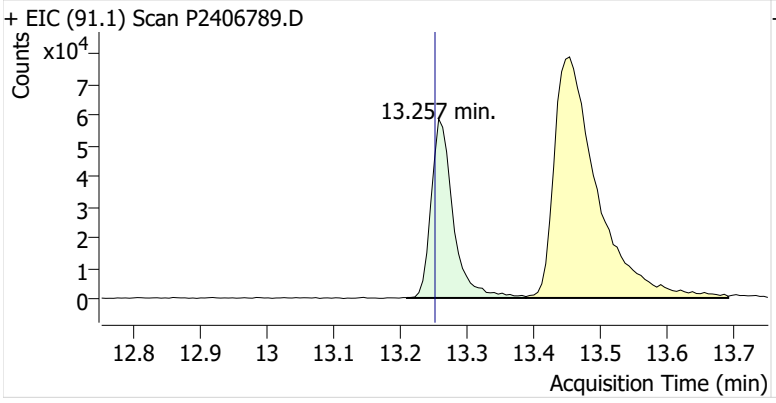


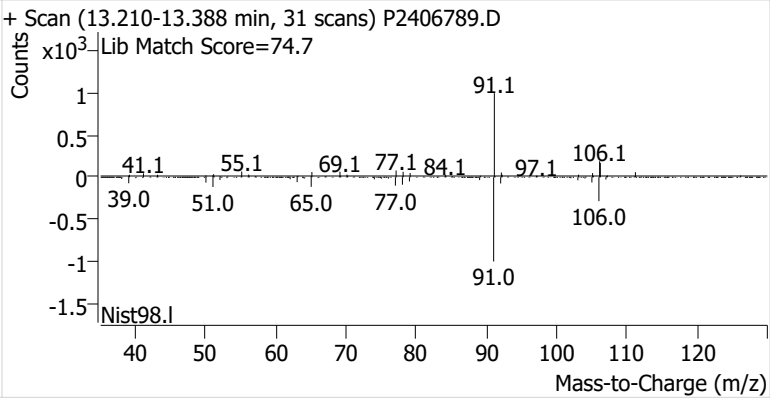
Toluene



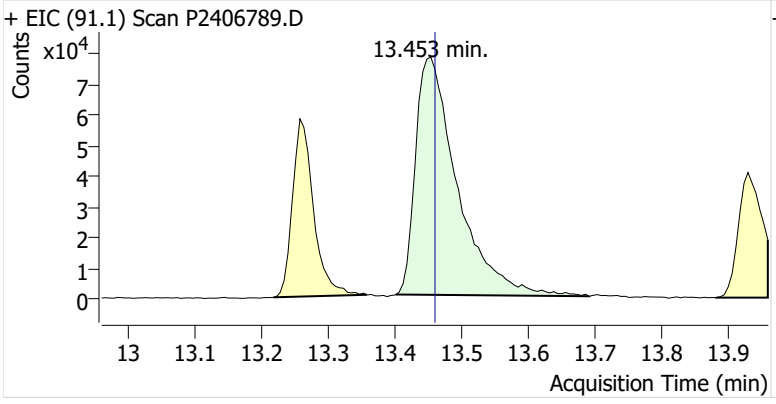


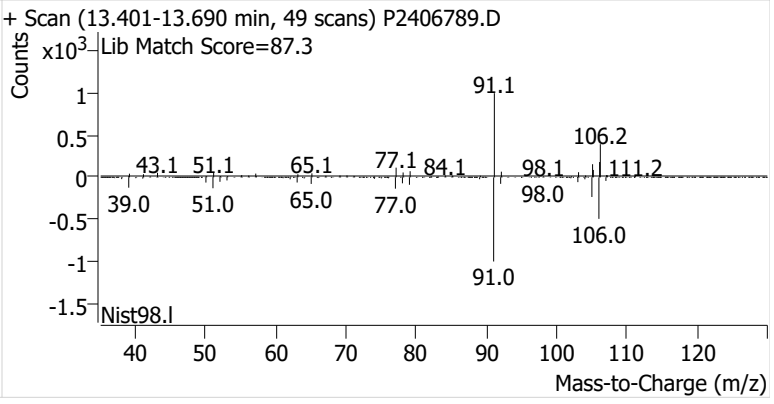
Ethylbenzene



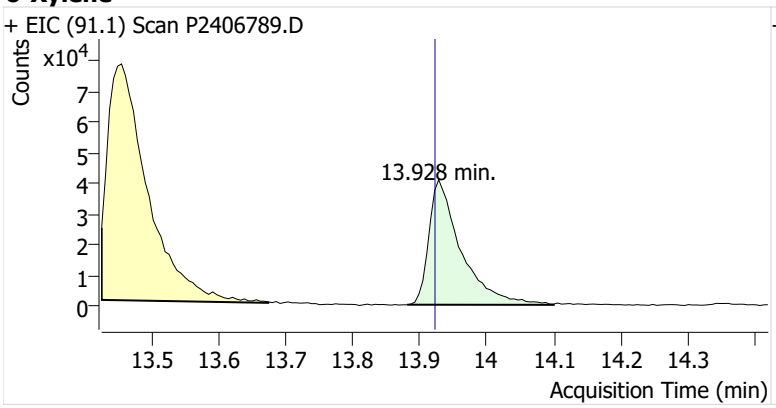


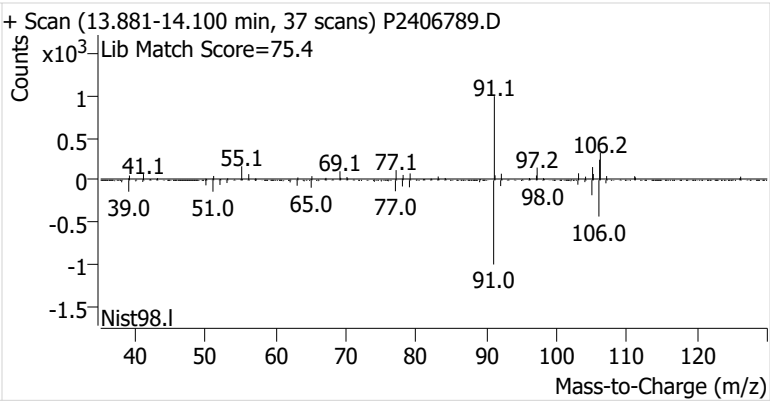
m-/p-Xylenes





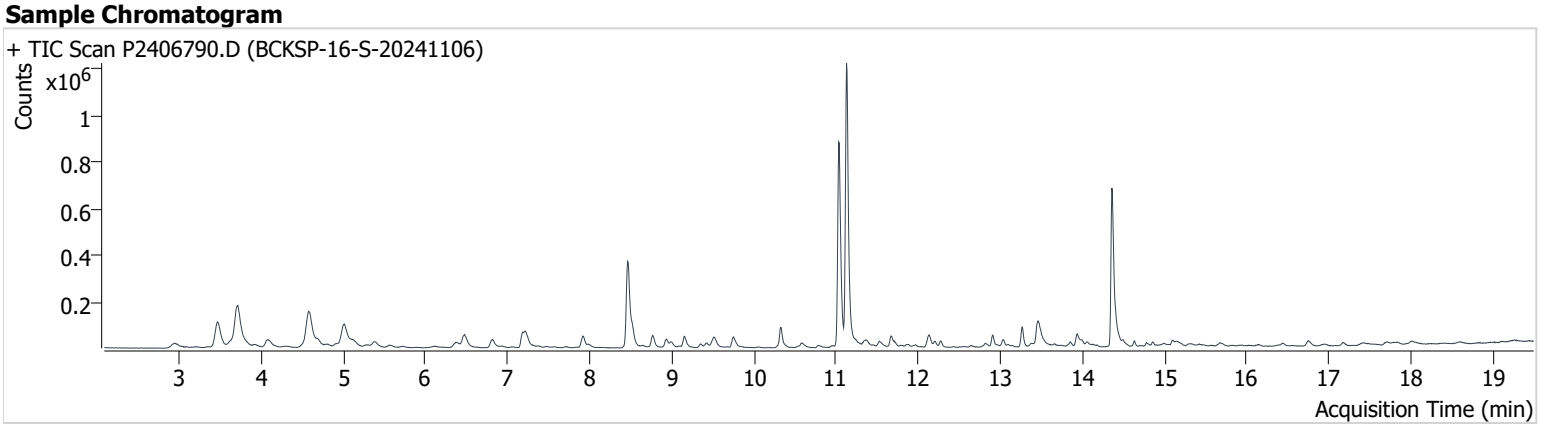
o-Xylene


+ EIC (91.1) Scan P2406789.D
Counts
x10^4
13.928 min.
Acquisition Time (min)


+ Scan (13.881-14.100 min, 37 scans) P2406789.D
Lib Match Score=75.4
Counts
x10^3
91.1
106.2
41.1
55.1
69.1
77.1
97.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

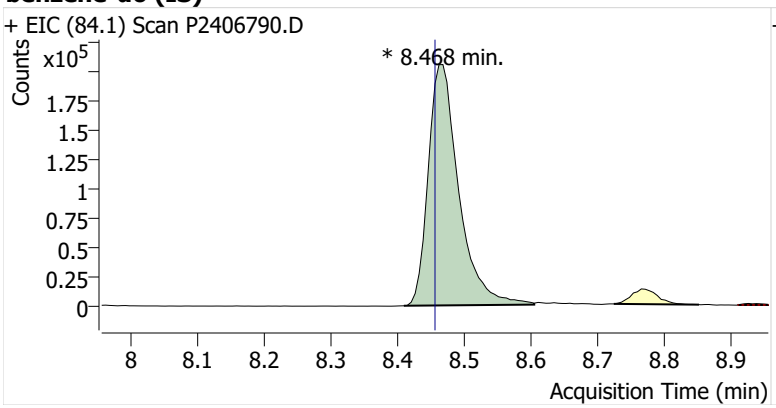
Name	BCKSP-16-S-20241106
Comment	B29923
Data File	P2406790.D
Acq. Date-Time	11/23/2024 12:17:00 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

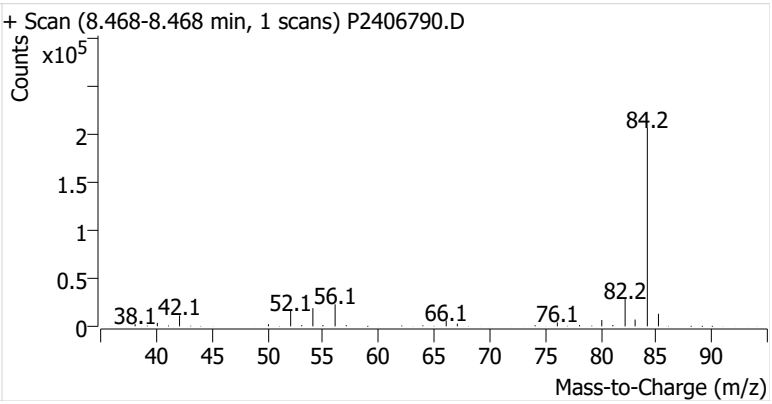
Sample Chromatogram



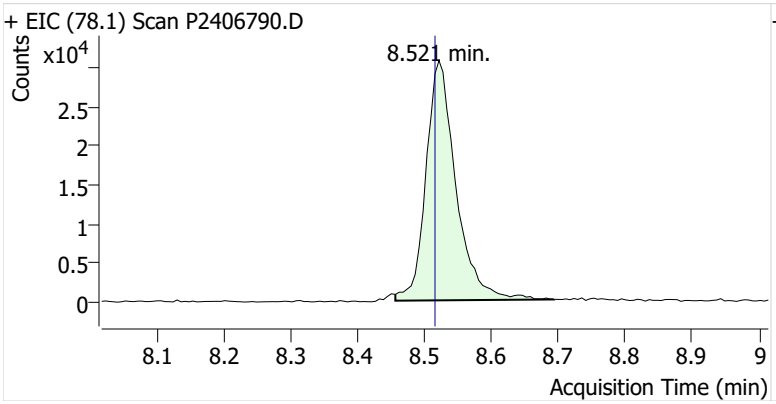
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.468	8.456	651,983	m
Benzene	benzene-d6 (IS)	8.521	8.515	95,423	
Toluene-d8 (IS)		11.032	11.032	934,839	
Toluene	Toluene-d8 (IS)	11.127	11.121	1,381,701	
Ethylbenzene	Toluene-d8 (IS)	13.264	13.252	83,446	
m-/p-Xylenes	Toluene-d8 (IS)	13.459	13.459	165,893	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	71,370	

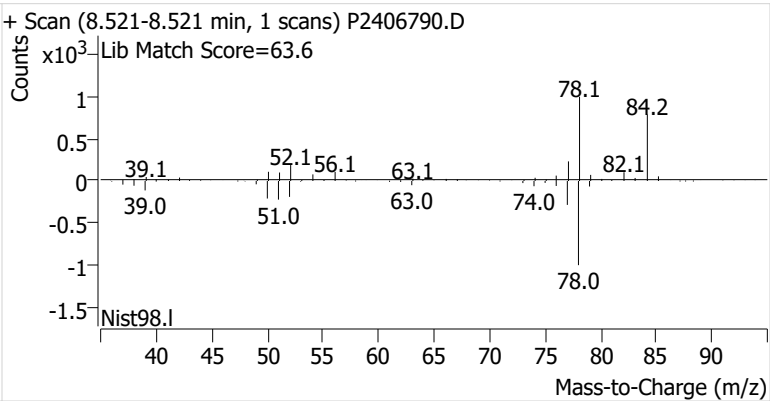
benzene-d6 (IS)



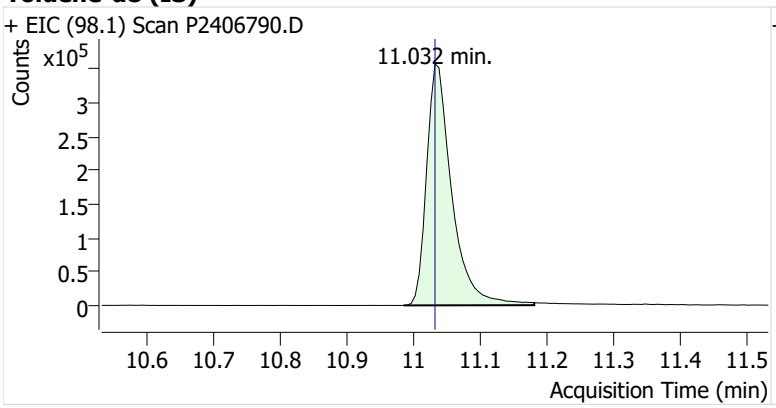


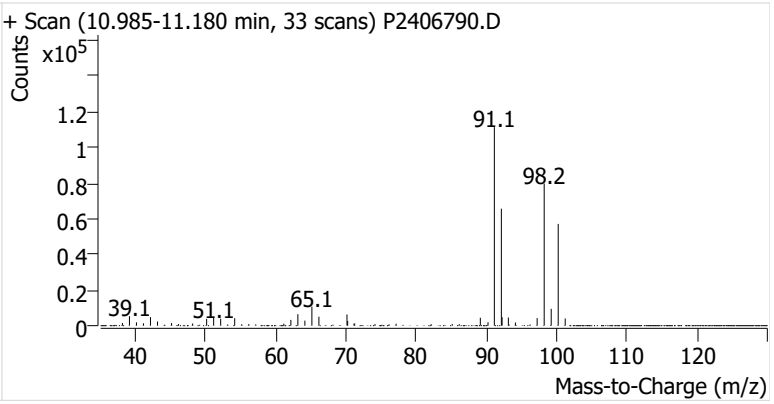
Benzene



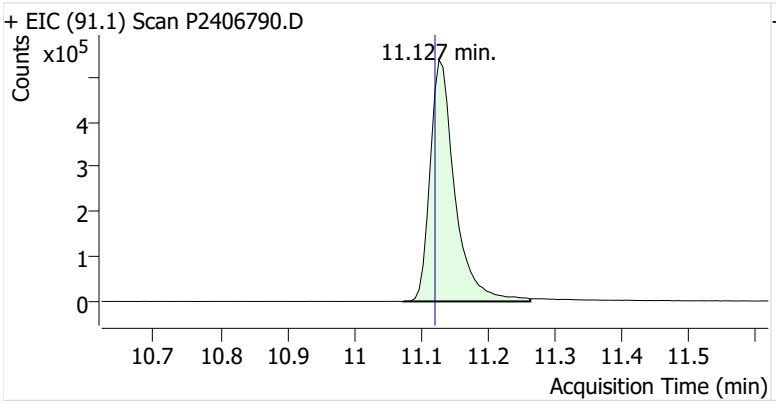


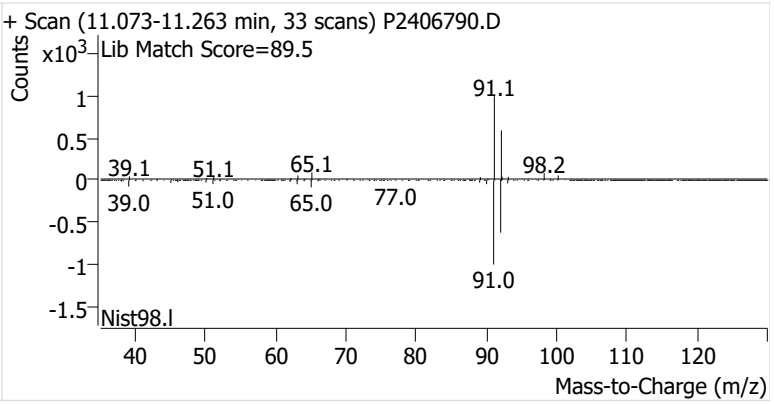
Toluene-d8 (IS)



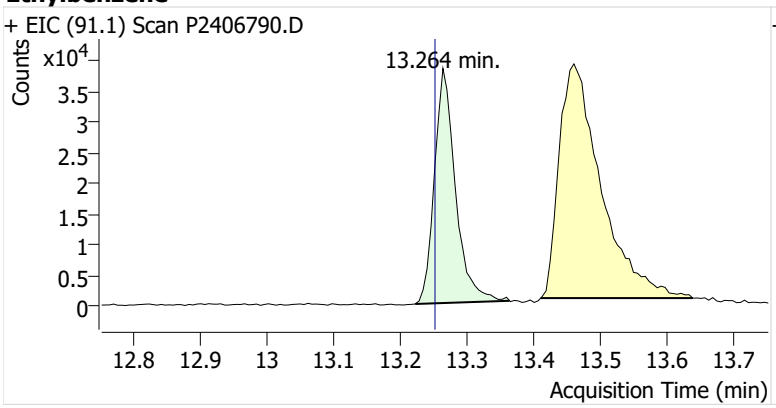


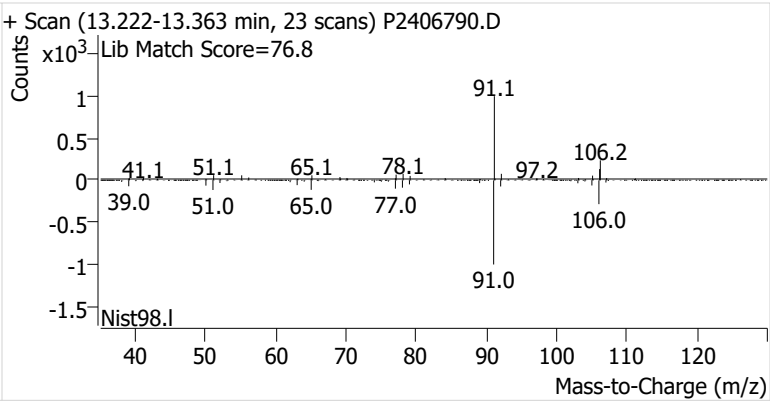
Toluene



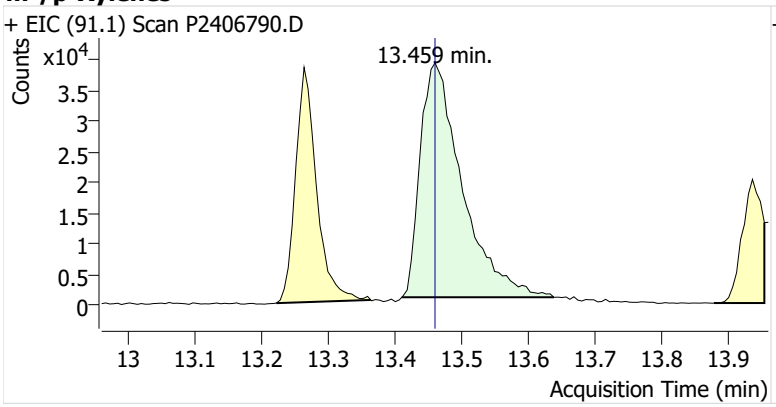


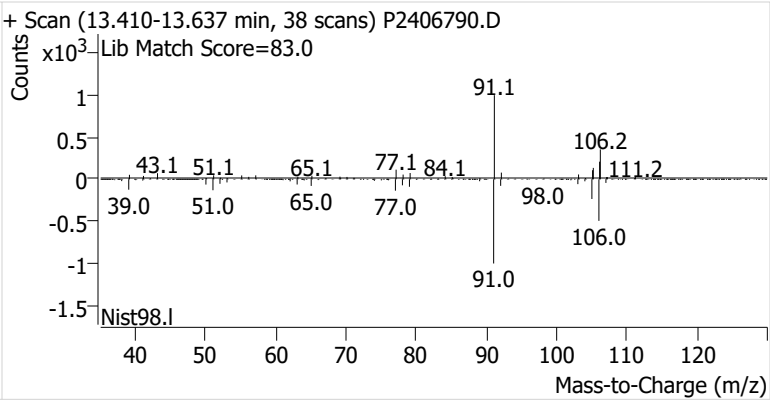
Ethylbenzene



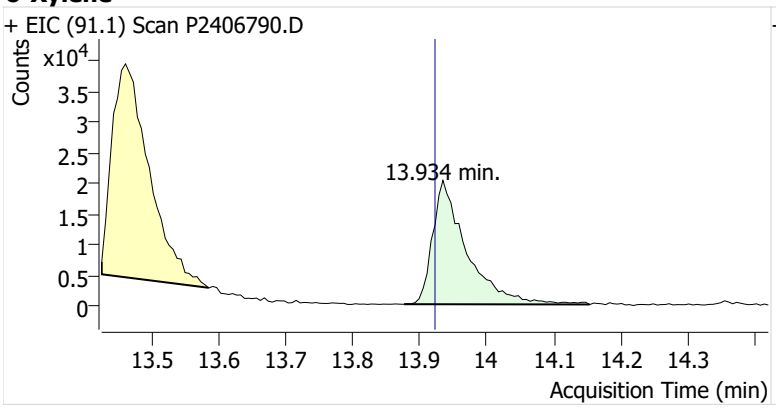


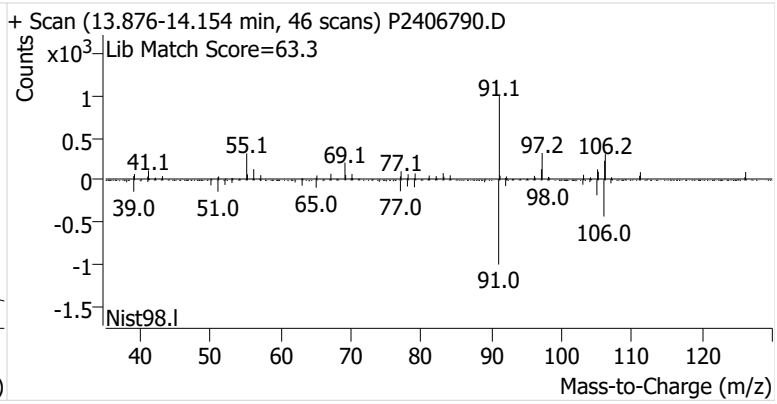
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan P2406790.D
Counts
x10^4
3.5
3
2.5
2
1.5
1
0.5
0
13.934 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.876-14.154 min, 46 scans) P2406790.D
Counts
x10^3
Lib Match Score=63.3
1
0.5
0
-0.5
-1
-1.5
91.1
55.1
41.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Calibration Summary Reports

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.910	0.979	0.910	-7.1%	2.5%		Pass	
2024GD404 Method Blank-1	Blank		0.979	0.910			-1.1%	Pass	ND
M325B CCV 5	Check	0.894	0.979	0.910	-8.7%		-15%	Pass	
M325B CCV 5	Check	0.852	0.979	0.910	-13%		-16%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.939	0.951	0.939	-1.2%	-1.1%		Pass	
2024GD404 Method Blank-1	Blank		0.951	0.939			-0.017%	Pass	ND
M325B CCV 5	Check	0.931	0.951	0.939	-2.1%		-15%	Pass	
M325B CCV 5	Check	0.855	0.951	0.939	-10%		-11%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.640	0.677	0.640	-5.5%	-1.1%		Pass	
2024GD404 Method Blank-1	Blank		0.677	0.640			-0.017%	Pass	ND
M325B CCV 5	Check	0.766	0.677	0.640	13%		-15%	Pass	
M325B CCV 5	Check	0.584	0.677	0.640	-14%		-11%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.725	0.720	0.725	0.68%	-1.1%		Pass	
2024GD404 Method Blank-1	Blank		0.720	0.725			-0.017%	Pass	ND
M325B CCV 5	Check	0.742	0.720	0.725	3.0%		-15%	Pass	
M325B CCV 5	Check	0.667	0.720	0.725	-7.3%		-11%	Pass	

Toluene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.875	0.898	0.875	-2.6%	-1.1%		Pass	
2024GD404 Method Blank-1	Blank		0.898	0.875			-0.017%	Pass	ND
M325B CCV 5	Check	0.855	0.898	0.875	-4.8%		-15%	Pass	
M325B CCV 5	Check	0.804	0.898	0.875	-10%		-11%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A_BTEX_R1.quantmethod.xml	Benzene	1	P2404977.D	5.19	53200	91.7	825638	1.138	16%
P090624A_BTEX_R1.quantmethod.xml	Benzene	2	P2404978.D	10.38	91845	91.7	790527	1.026	4.8%
P090624A_BTEX_R1.quantmethod.xml	Benzene	3	P2404979.D	20.76	168704	91.7	766300	0.972	-0.72%
P090624A_BTEX_R1.quantmethod.xml	Benzene	4	P2404980.D	41.51	319641	91.7	739567	0.954	-2.5%
P090624A_BTEX_R1.quantmethod.xml	Benzene	5	P2404981.D	103.78	770808	91.7	741300	0.919	-6.2%
P090624A_BTEX_R1.quantmethod.xml	Benzene	6	P2404982.D	207.57	1506802	91.7	718096	0.927	-5.4%
P090624A_BTEX_R1.quantmethod.xml	Benzene	7	P2404983.D	622.70	4556203	91.7	729727	0.919	-6.1%
						Avg:	758736	0.979	
						%RSD:	5.0%	8.2%	
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	1	P2404977.D	5.33	56151	108.1	1169254	0.974	2.4%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	2	P2404978.D	10.67	105621	108.1	1107038	0.967	1.7%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	3	P2404979.D	21.33	219430	108.1	1067634	1.042	9.6%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	4	P2404980.D	42.67	414505	108.1	1079066	0.973	2.4%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	5	P2404981.D	106.66	889663	108.1	1042115	0.865	-9.0%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	6	P2404982.D	213.33	1888178	108.1	1053728	0.908	-4.5%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	7	P2404983.D	639.99	5839841	108.1	1066774	0.925	-2.7%
						Avg:	1083659	0.951	
						%RSD:	4.0%	6.0%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	1	P2404977.D	5.37	41219	108.1	1169254	0.710	4.9%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	2	P2404978.D	10.74	70608	108.1	1107038	0.642	-5.1%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	3	P2404979.D	21.47	173334	108.1	1067634	0.817	21%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	4	P2404980.D	42.95	287337	108.1	1079066	0.670	-0.95%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	5	P2404981.D	107.36	601872	108.1	1042115	0.582	-14%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	6	P2404982.D	214.73	1307488	108.1	1053728	0.625	-7.7%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	7	P2404983.D	644.18	4394447	108.1	1066774	0.691	2.1%
						Avg:	1083659	0.677	
						%RSD:	4.0%	11%	
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	1	P2404977.D	5.40	44196	108.1	1169254	0.757	5.1%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	2	P2404978.D	10.80	82293	108.1	1107038	0.745	3.4%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	3	P2404979.D	21.59	162748	108.1	1067634	0.763	6.0%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	4	P2404980.D	43.18	323877	108.1	1079066	0.752	4.4%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	5	P2404981.D	107.95	690821	108.1	1042115	0.664	-7.8%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	6	P2404982.D	215.90	1404667	108.1	1053728	0.668	-7.3%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	7	P2404983.D	647.71	4429477	108.1	1066774	0.693	-3.8%
						Avg:	1083659	0.720	
						%RSD:	4.0%	6.1%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD404-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A_BTEX_R1.quantmethod.xml	Toluene	1	P2404977.D	5.39	60242	108.1	1169254	1.034	15%
P090624A_BTEX_R1.quantmethod.xml	Toluene	2	P2404978.D	10.78	103782	108.1	1107038	0.940	4.7%
P090624A_BTEX_R1.quantmethod.xml	Toluene	3	P2404979.D	21.56	201417	108.1	1067634	0.946	5.3%
P090624A_BTEX_R1.quantmethod.xml	Toluene	4	P2404980.D	43.11	378117	108.1	1079066	0.879	-2.2%
P090624A_BTEX_R1.quantmethod.xml	Toluene	5	P2404981.D	107.78	866654	108.1	1042115	0.834	-7.1%
P090624A_BTEX_R1.quantmethod.xml	Toluene	6	P2404982.D	215.56	1738243	108.1	1053728	0.827	-7.9%
P090624A_BTEX_R1.quantmethod.xml	Toluene	7	P2404983.D	646.68	5279870	108.1	1066774	0.828	-7.9%
						Avg:	1083659	0.898	
						%RSD:	4.0%	8.7%	
P090624A_BTEX_R1.quantmethod.xml	Benzene	ICV	P2404984.D	63.61	412010	91.7	731399	0.812	-17%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	ICV	P2404984.D	85.41	703130	108.1	1042671	0.854	-10%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	ICV	P2404984.D	88.90	563818	108.1	1042671	0.658	-2.8%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	ICV	P2404984.D	87.50	558957	108.1	1042671	0.662	-8%
P090624A_BTEX_R1.quantmethod.xml	Toluene	ICV	P2404984.D	75.87	552004	108.1	1042671	0.754	-16%

This Is The Last Page Of This Report.

Buckeye – South Portland

170 Lincoln Street
South Portland, ME 04106

Sampling Event 9
PROJ-031334

Analytical Report
(2024GD405)

EPA Method 325B
Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene

Report Submitted By:
Montrose Air Quality Services LLC – Pine Brook, NJ

Enthalpy Analytical, LLC
Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of a report are not taken out of context.

QA Review by Conor Toomey, QA Associate I

Report Issued: 12/18/2024

ENTHALPY ANALYTICAL

Summary of Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Summary

Sample Code	Tube ID	Benzene (ug/m³)	Flag	Ethylbenzene (ug/m³)	Flag	m-/p-Xylenes (ug/m³)	Flag	o-Xylene (ug/m³)	Flag	Toluene (ug/m³)	Flag
BCKSP-1-S-20241120	C32943	1.17		0.987		3.35		1.22		3.94	
BCKSP-2-S-20241120	B50622	1.30		0.996		3.25		1.14		4.14	
BCKSP-3-S-20241120	C36899	1.47		1.31		3.88		1.33		4.63	
BCKSP-4-S-20241120	B37607	1.31		0.903		2.86		1.05		3.95	
BCKSP-5-S-20241120	C35814	1.14		0.739		2.66		0.946		3.63	
BCKSP-5-D-20241120	B21461	1.28		0.707		2.31		0.862		3.68	
BCKSP-5-B-20241120	B37422		ND		ND		ND		ND	0.549	
BCKSP-6-S-20241120	B27847	1.75		1.34		4.15		1.48		6.26	
BCKSP-7-S-20241120	B46975	3.65		2.10		7.62		2.58		13.2	
BCKSP-8-S-20241120	B21005	5.40		3.28		11.8		4.17		21.2	
BCKSP-9-S-20241120	C35886	6.23		3.07		12.1		3.87		24.2	
BCKSP-10-S-20241120	B34921	5.54		3.18		11.0		3.49		21.9	
BCKSP-11-S-20241120	B18386	2.79		1.71		5.42		1.76		10.7	
BCKSP-12-S-20241120	B50585	2.53		1.65		4.97		1.67		9.74	
BCKSP-13-S-20241120	B34578	2.10		1.43		4.32		1.40		7.35	
BCKSP-14-S-20241120	C00634	1.31		0.670		2.19		0.759		4.00	
BCKSP-14-D-20241120	B14114	1.43		0.556	J	1.76		0.613		3.36	
BCKSP-14-B-20241120	B48633		ND		ND		ND		ND		ND
BCKSP-15-S-20241120	B18510	1.62	Fe	0.935	Fe	3.07	Fe	1.00	Fe	13.6	Fe
BCKSP-16-S-20241120	B20913	1.29		0.890		2.63		0.852		4.03	

Fe: Field Error. See report narrative for details

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241120	C32943	1.17	0.367	15.2	35.7	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-2-S-20241120	B50622	1.30	0.408	16.9	35.7	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-3-S-20241120	C36899	1.47	0.459	19.0	35.6	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-4-S-20241120	B37607	1.31	0.409	16.9	35.6	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-5-S-20241120	C35814	1.14	0.357	14.8	35.6	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-5-D-20241120	B21461	1.28	0.401	16.6	35.6	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-5-B-20241120	B37422				35.6	0.644	20,115	0.193	0.401	0.0605	0.126	ND
BCKSP-6-S-20241120	B27847	1.75	0.548	22.6	35.6	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-7-S-20241120	B46975	3.65	1.14	47.2	35.6	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-8-S-20241120	B21005	5.40	1.69	69.9	35.6	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-9-S-20241120	C35886	6.23	1.95	80.7	35.6	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-10-S-20241120	B34921	5.54	1.73	71.7	35.6	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-11-S-20241120	B18386	2.79	0.873	36.1	35.6	0.644	20,115	0.193	0.401	0.0605	0.126	
BCKSP-12-S-20241120	B50585	2.53	0.794	32.8	35.6	0.644	20,120	0.193	0.401	0.0605	0.126	
BCKSP-13-S-20241120	B34578	2.10	0.659	27.2	35.6	0.644	20,120	0.193	0.401	0.0605	0.126	
BCKSP-14-S-20241120	C00634	1.31	0.412	17.0	35.6	0.644	20,120	0.193	0.401	0.0605	0.126	
BCKSP-14-D-20241120	B14114	1.43	0.448	18.5	35.6	0.644	20,120	0.193	0.401	0.0605	0.126	
BCKSP-14-B-20241120	B48633				35.6	0.644	20,120	0.193	0.401	0.0605	0.126	ND
BCKSP-15-S-20241120	B18510	1.62	0.507	21.0	35.6	0.644	20,120	0.193	0.401	0.0605	0.126	Fe
BCKSP-16-S-20241120	B20913	1.29	0.405	16.7	35.6	0.644	20,120	0.193	0.401	0.0605	0.126	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241120	C32943	0.987	0.227	8.77	35.7	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-2-S-20241120	B50622	0.996	0.230	8.86	35.7	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-3-S-20241120	C36899	1.31	0.302	11.6	35.6	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-4-S-20241120	B37607	0.903	0.208	8.03	35.6	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-5-S-20241120	C35814	0.739	0.170	6.57	35.6	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-5-D-20241120	B21461	0.707	0.163	6.28	35.6	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-5-B-20241120	B37422				35.6	0.442	20,115	0.281	0.600	0.0648	0.138	ND
BCKSP-6-S-20241120	B27847	1.34	0.308	11.9	35.6	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-7-S-20241120	B46975	2.10	0.483	18.6	35.6	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-8-S-20241120	B21005	3.28	0.757	29.2	35.6	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-9-S-20241120	C35886	3.07	0.707	27.3	35.6	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-10-S-20241120	B34921	3.18	0.734	28.3	35.6	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-11-S-20241120	B18386	1.71	0.394	15.2	35.6	0.442	20,115	0.281	0.600	0.0648	0.138	
BCKSP-12-S-20241120	B50585	1.65	0.381	14.7	35.6	0.442	20,120	0.281	0.600	0.0648	0.138	
BCKSP-13-S-20241120	B34578	1.43	0.330	12.7	35.6	0.442	20,120	0.281	0.600	0.0648	0.138	
BCKSP-14-S-20241120	C00634	0.670	0.154	5.96	35.6	0.442	20,120	0.281	0.600	0.0648	0.138	
BCKSP-14-D-20241120	B14114	0.556	0.128	4.94	35.6	0.442	20,120	0.281	0.600	0.0648	0.138	J
BCKSP-14-B-20241120	B48633				35.6	0.442	20,120	0.281	0.600	0.0648	0.138	ND
BCKSP-15-S-20241120	B18510	0.935	0.215	8.31	35.6	0.442	20,120	0.281	0.600	0.0648	0.138	Fe
BCKSP-16-S-20241120	B20913	0.890	0.205	7.91	35.6	0.442	20,120	0.281	0.600	0.0648	0.138	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241120	C32943	3.35	0.771	29.7	35.7	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-2-S-20241120	B50622	3.25	0.749	28.9	35.7	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-3-S-20241120	C36899	3.88	0.895	34.5	35.6	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-4-S-20241120	B37607	2.86	0.658	25.4	35.6	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-5-S-20241120	C35814	2.66	0.613	23.7	35.6	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-5-D-20241120	B21461	2.31	0.531	20.5	35.6	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-5-B-20241120	B37422				35.6	0.442	20,115	0.281	0.604	0.0648	0.139	ND
BCKSP-6-S-20241120	B27847	4.15	0.957	36.9	35.6	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-7-S-20241120	B46975	7.62	1.76	67.7	35.6	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-8-S-20241120	B21005	11.8	2.71	105	35.6	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-9-S-20241120	C35886	12.1	2.80	108	35.6	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-10-S-20241120	B34921	11.0	2.53	97.6	35.6	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-11-S-20241120	B18386	5.42	1.25	48.2	35.6	0.442	20,115	0.281	0.604	0.0648	0.139	
BCKSP-12-S-20241120	B50585	4.97	1.15	44.2	35.6	0.442	20,120	0.281	0.604	0.0648	0.139	
BCKSP-13-S-20241120	B34578	4.32	0.996	38.4	35.6	0.442	20,120	0.281	0.604	0.0648	0.139	
BCKSP-14-S-20241120	C00634	2.19	0.505	19.5	35.6	0.442	20,120	0.281	0.604	0.0648	0.139	
BCKSP-14-D-20241120	B14114	1.76	0.405	15.6	35.6	0.442	20,120	0.281	0.604	0.0648	0.139	
BCKSP-14-B-20241120	B48633				35.6	0.442	20,120	0.281	0.604	0.0648	0.139	ND
BCKSP-15-S-20241120	B18510	3.07	0.707	27.3	35.6	0.442	20,120	0.281	0.604	0.0648	0.139	Fe
BCKSP-16-S-20241120	B20913	2.63	0.606	23.4	35.6	0.442	20,120	0.281	0.604	0.0648	0.139	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241120	C32943	1.22	0.280	10.8	35.7	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-2-S-20241120	B50622	1.14	0.263	10.1	35.7	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-3-S-20241120	C36899	1.33	0.307	11.9	35.6	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-4-S-20241120	B37607	1.05	0.241	9.31	35.6	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-5-S-20241120	C35814	0.946	0.218	8.41	35.6	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-5-D-20241120	B21461	0.862	0.199	7.66	35.6	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-5-B-20241120	B37422				35.6	0.442	20,115	0.281	0.607	0.0648	0.140	ND
BCKSP-6-S-20241120	B27847	1.48	0.341	13.2	35.6	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-7-S-20241120	B46975	2.58	0.595	22.9	35.6	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-8-S-20241120	B21005	4.17	0.962	37.1	35.6	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-9-S-20241120	C35886	3.87	0.891	34.4	35.6	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-10-S-20241120	B34921	3.49	0.804	31.0	35.6	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-11-S-20241120	B18386	1.76	0.405	15.6	35.6	0.442	20,115	0.281	0.607	0.0648	0.140	
BCKSP-12-S-20241120	B50585	1.67	0.385	14.9	35.6	0.442	20,120	0.281	0.607	0.0648	0.140	
BCKSP-13-S-20241120	B34578	1.40	0.322	12.4	35.6	0.442	20,120	0.281	0.607	0.0648	0.140	
BCKSP-14-S-20241120	C00634	0.759	0.175	6.75	35.6	0.442	20,120	0.281	0.607	0.0648	0.140	
BCKSP-14-D-20241120	B14114	0.613	0.141	5.45	35.6	0.442	20,120	0.281	0.607	0.0648	0.140	
BCKSP-14-B-20241120	B48633				35.6	0.442	20,120	0.281	0.607	0.0648	0.140	ND
BCKSP-15-S-20241120	B18510	1.00	0.231	8.92	35.6	0.442	20,120	0.281	0.607	0.0648	0.140	Fe
BCKSP-16-S-20241120	B20913	0.852	0.196	7.58	35.6	0.442	20,120	0.281	0.607	0.0648	0.140	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241120	C32943	3.94	1.05	39.6	35.7	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-2-S-20241120	B50622	4.14	1.10	41.6	35.7	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-3-S-20241120	C36899	4.63	1.23	46.5	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-4-S-20241120	B37607	3.95	1.05	39.7	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-5-S-20241120	C35814	3.63	0.964	36.5	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-5-D-20241120	B21461	3.68	0.977	37.0	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-5-B-20241120	B37422	0.549	0.146	5.51	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-6-S-20241120	B27847	6.26	1.66	62.9	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-7-S-20241120	B46975	13.2	3.50	132	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-8-S-20241120	B21005	21.2	5.62	213	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-9-S-20241120	C35886	24.2	6.43	243	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-10-S-20241120	B34921	21.9	5.80	220	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-11-S-20241120	B18386	10.7	2.84	107	35.6	0.500	20,115	0.249	0.536	0.0661	0.142	
BCKSP-12-S-20241120	B50585	9.74	2.59	97.9	35.6	0.500	20,120	0.249	0.536	0.0660	0.142	
BCKSP-13-S-20241120	B34578	7.35	1.95	73.8	35.6	0.500	20,120	0.249	0.536	0.0660	0.142	
BCKSP-14-S-20241120	C00634	4.00	1.06	40.2	35.6	0.500	20,120	0.249	0.536	0.0660	0.142	
BCKSP-14-D-20241120	B14114	3.36	0.893	33.8	35.6	0.500	20,120	0.249	0.536	0.0660	0.142	
BCKSP-14-B-20241120	B48633				35.6	0.500	20,120	0.249	0.536	0.0660	0.142	ND
BCKSP-15-S-20241120	B18510	13.6	3.60	136	35.6	0.500	20,120	0.249	0.536	0.0660	0.142	Fe
BCKSP-16-S-20241120	B20913	4.03	1.07	40.5	35.6	0.500	20,120	0.249	0.536	0.0660	0.142	

Fe: Field Error. See report narrative for details

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

QC

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		m-/p-Xylenes		o-Xylene		Toluene	
Blanks (ug/m³)	BCKSP-5-B-20241120	ND	Pass	ND	Pass	ND	Pass	ND	Pass	0.549	Pass
	BCKSP-14-B-20241120	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	BCKSP-5-D-20241120	12%	Pass	4.4%	Pass	14%	Pass	9.3%	Pass	1.3%	Pass
	BCKSP-14-D-20241120	8.5%	Pass	19%	Pass	22%	Pass	21%	Pass	17%	Pass

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	Buckeye – South Portland
Project	PROJ-031334
Report #	2024GD405

Custody	Enthalpy Analytical, LLC received the sample tubes on 12/09/24. The samples were received in good condition at a temperature of 19.5 ºC. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for Benzene, Toluene, Ethylbenzene, o-Xylene, and m-/p-Xylenes using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.
Reporting Notes	Upon receipt to the lab, the brass end caps were not secured properly for sample BCKSP-15-S-20241120 (tube ID B18510). This sample has been flagged “Fe” to denote a field sampling error. The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged. As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks. All samples were reported as amount in ng catch, and concentration in µg/m3 and ppbv. The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Sample Custody

2024GD405

ENTHALPY ANALYTICAL

EPA Method 325 A/B
Field Test Data Sheet and Chain of Custody Record

Page # 1 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Bullseye So Portland	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROJ – 031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brochu	**Sorbent:**	
State	Maine	**Email Address:**	haigbrochu@Montrose-env.com		
Zip:	04106	**Telephone #:**	207.441.0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C32943	S	11/20/24	10:15	12/4/24	9:30	HFB / HFB		
2	B50622	S	11/20/24	10:20	12/4/24	9:35	HFB / HFB		
3	C36899	S	11/20/24	10:25	12/4/24	9:40	HFB / HFB		
4	B37607	S	11/20/24	10:30	12/4/24	9:45	HFB / HFB		
5	C35814	S	11/20/24	10:35	12/4/24	9:50	HFB / HFB		
5	B21461	D	11/20/24	10:35	12/4/24	9:50	HFB / HFB		
5	B37422	B	11/20/24	10:35	12/4/24	9:50	HFB / HFB		
6	B27047	S	11/20/24	10:45	12/4/24	10:00	HFB / HFB		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Haig Brochu		12/4/2024	17:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Sabrina Williams	Sabrina Williams	12/9/24	9:00 AM

Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	**Delivery tracking #**
Good - see note on pg. 3		Y	
Ice Temp: / **Blank Temp:** 19.5 / Fluke 7A		**Add Custody Seal # below:** 2400978	

Comments: after collection added sites 1-D & 2-D on the pier offloading platform I used samples B43124 & C40603 along with 2 diffusion caps

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

2024GD405

ENTHALPY ANALYTICAL

EPA Method 325 A/B
Field Test Data Sheet and Chain of Custody Record

Page # 2 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye So Portland	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROS-031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brockw	**Sorbent:**	
State	Maine	**Email Address:**	haigbrockw@Montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
7	B46975	S	11/20/24	10:50	12/4/24	10:05	HBB / HBB		
8	B21005	S	11/20/24	10:55	12/4/24	10:10	HBB / HBB		
9	C35886	S	11/20/24	11:00	12/4/24	10:15	HBB / HBB		
10	B34921	S	11/20/24	11:05	12/4/24	10:20	HBB / HBB		
11	B18386	S	11/20/24	11:10	12/4/24	10:25	HBB / HBB		
12	B50585	S	11/20/24	11:15	12/4/24	10:35	HBB / HBB		
13	B34578	S	11/20/24	11:20	12/4/24	10:40	HBB / HBB		
14	C00634	S	11/20/24	11:25	12/4/24	10:45	HBB / HBB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brockw		12/4/2024	17:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Sabrina Williams	Sabrina Williams	12/9/24	9:00 AM

Sample Condition Upon Receipt:	Compound List:	Custody Seal Intact? Y/N:	Delivery tracking #
Good - see note 1 on pg. 3		Y	
Ice Temp: / **Blank Temp:** 19-S / Fluke 7A		Add Custody Seal # below: 24A00978	

Comments:

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

2024GD405

ENTHALPY ANALYTICAL

EPA Method 325 A Field Test Data Sheet and Chain of Custody Record

Page # 3 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye So Portland	**Client Name:**	Montrose AIR	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROJ-031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brown	**Sorbent:**	
State	Maine	**Email Address:**	haigbrown@Montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
14	B14114	D	11/20/24	11:25	12/4/24	10:45	HPB / HPB		
14	B48633	B	11/20/24	11:25	12/4/24	10:45	HPB / HPB		
15 (1)	B18510	S	11/20/24	11:30	12/4/24	10:50	HPB / HPB		
16	B20913	S	11/20/24	11:35	12/4/24	10:55	HPB / HPB		
							/		
							/		
							/		
							/		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brown		12/4/2024	17:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Sabrina Williams	Sabrina Williams	12/9/24	9:00 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good - see note1 pg. 3		Y	
Ice Temp:	**Blank Temp:** 19.5 Fluke 7A	**Add Custody Seal # below:** 24A00978	

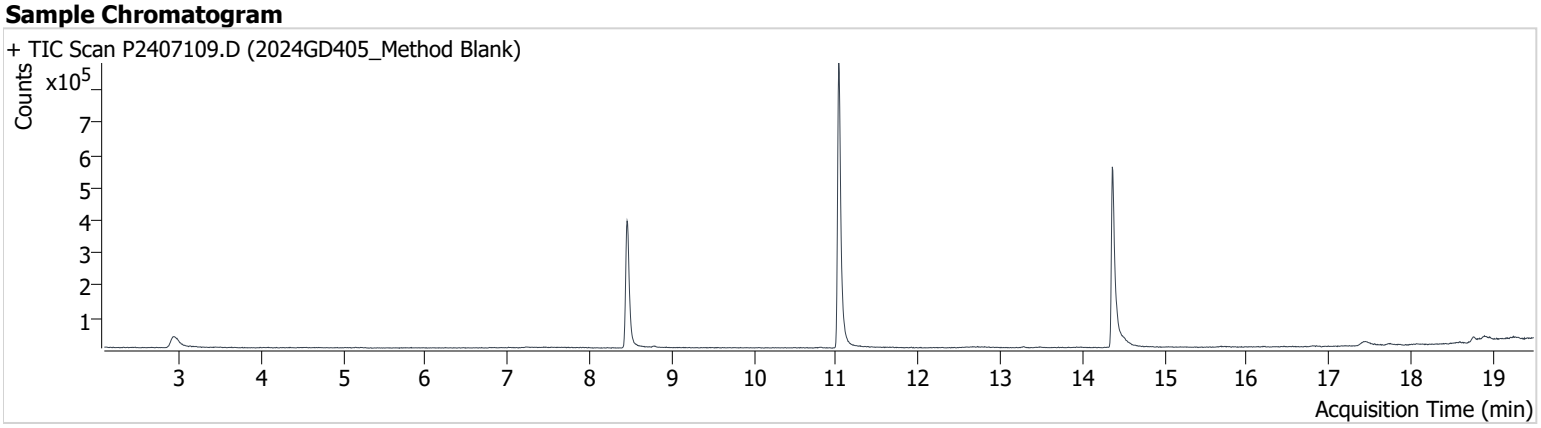
Comments: (1) Missing cap. SMW 12/9/24.

Sample Chromatograms

ENTHALPY ANALYTICAL

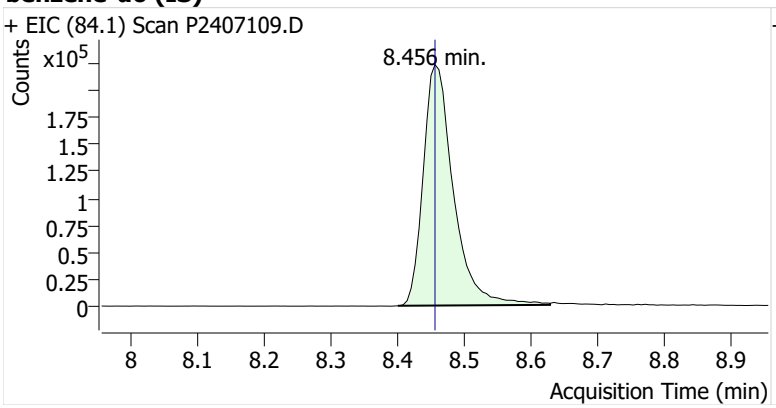
Name	2024GD405_Method Blank
Comment	C01481
Data File	P2407109.D
Acq. Date-Time	12/10/2024 3:07:36 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

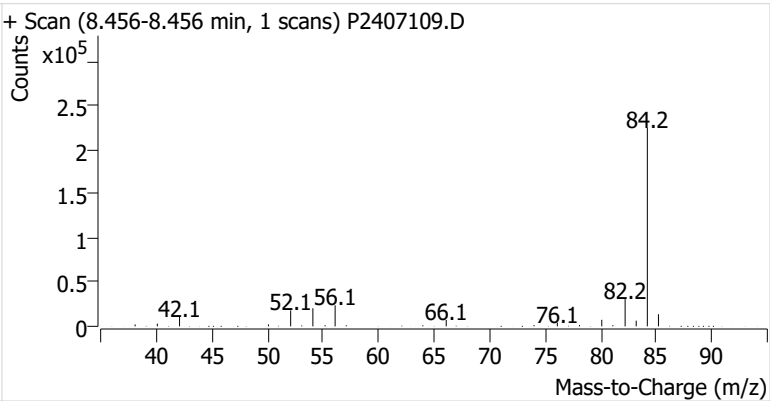
Sample Chromatogram



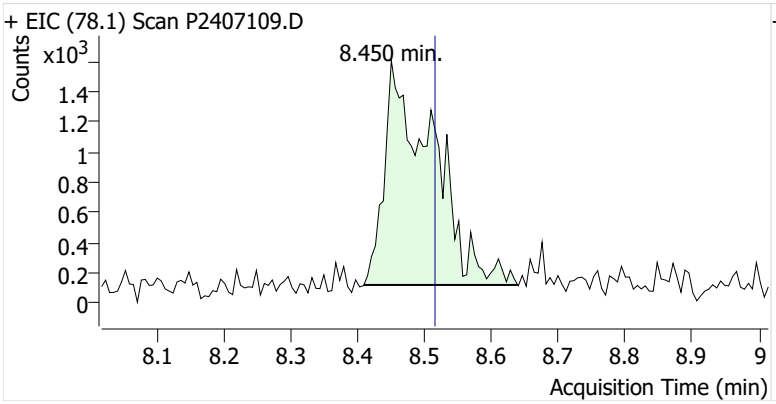
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	702,588	
Benzene	benzene-d6 (IS)	8.450	8.515	7,491	
Toluene-d8 (IS)		11.032	11.032	1,006,764	
Toluene	Toluene-d8 (IS)	11.121	11.121	6,284	
Ethylbenzene	Toluene-d8 (IS)	13.281	13.252	3,547	
m-/p-Xylenes	Toluene-d8 (IS)	13.495	13.459	2,920	
o-Xylene	Toluene-d8 (IS)	13.946	13.922	2,646	

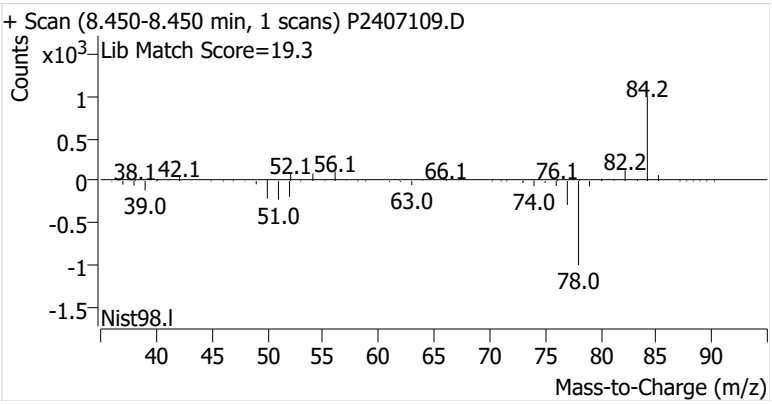
benzene-d6 (IS)



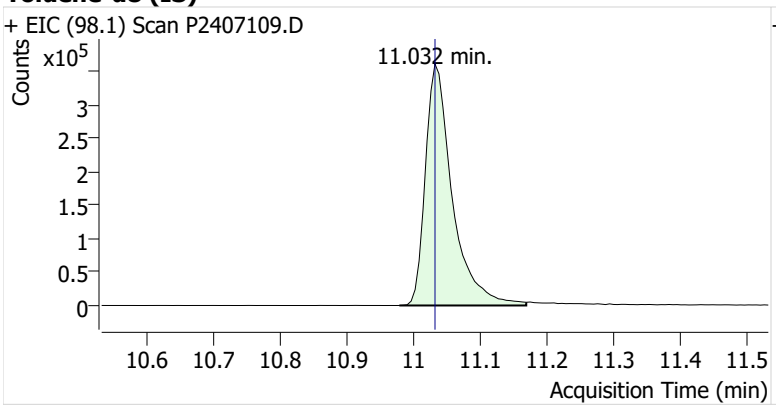


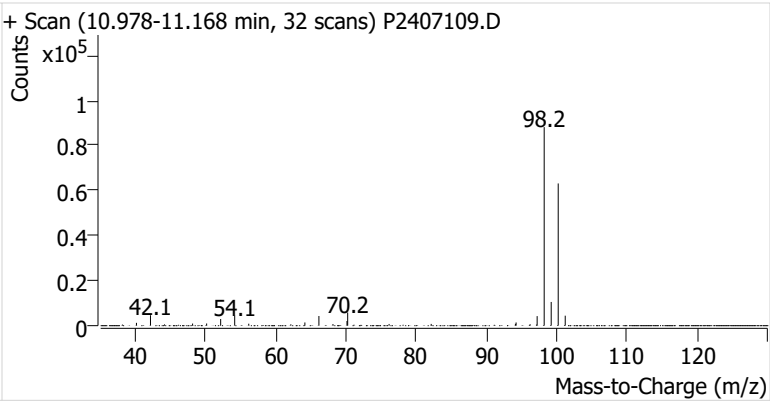
Benzene



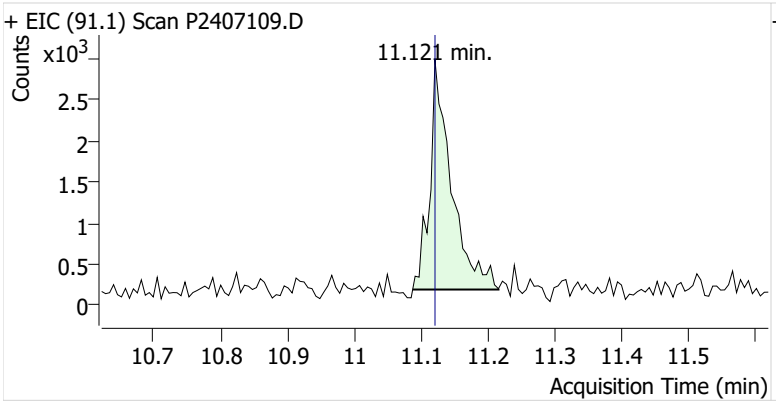


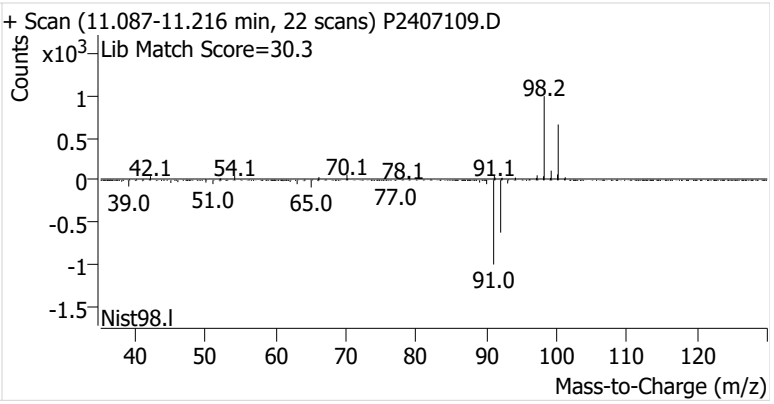
Toluene-d8 (IS)



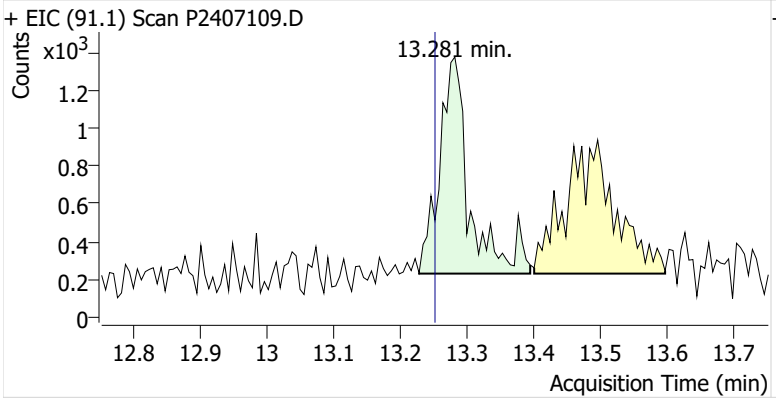


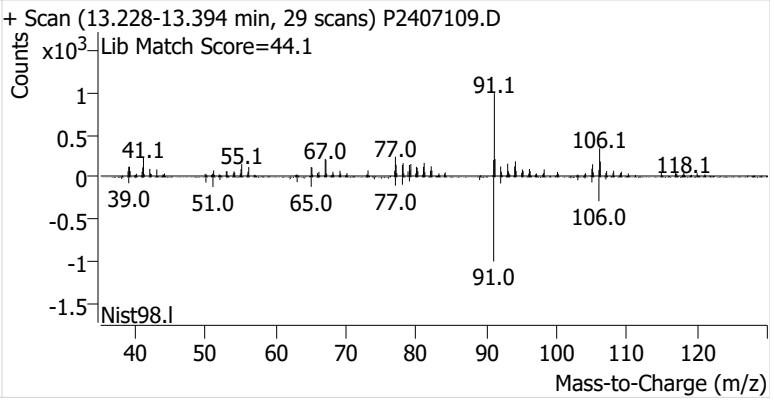
Toluene



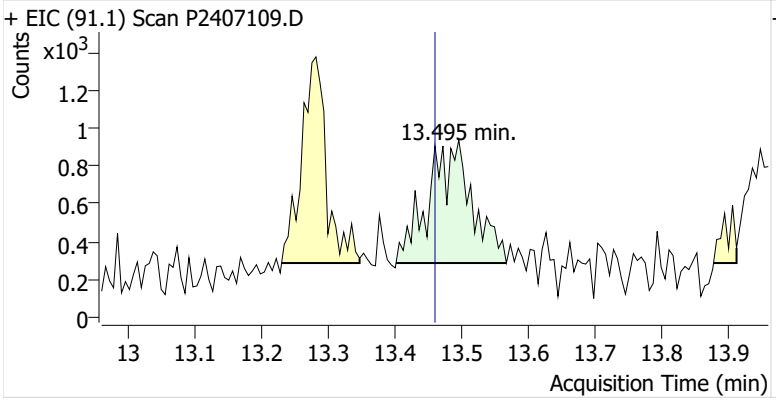


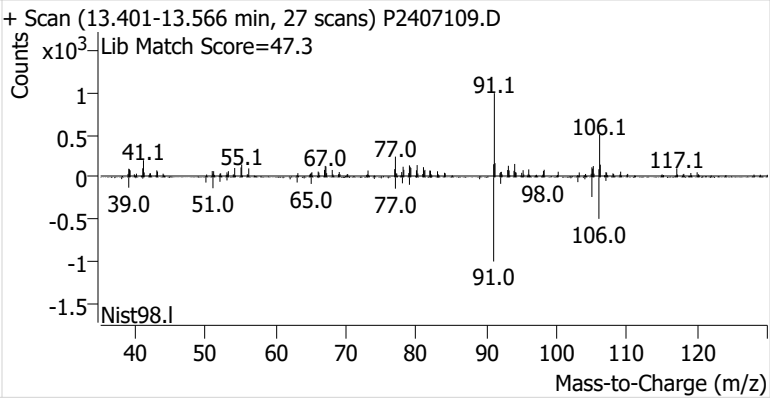
Ethylbenzene



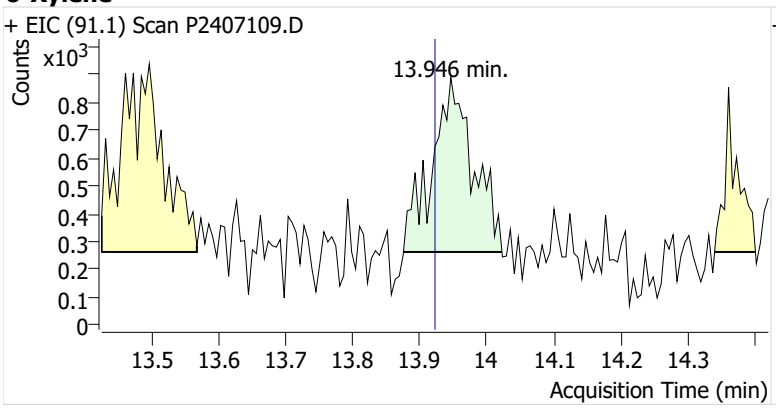


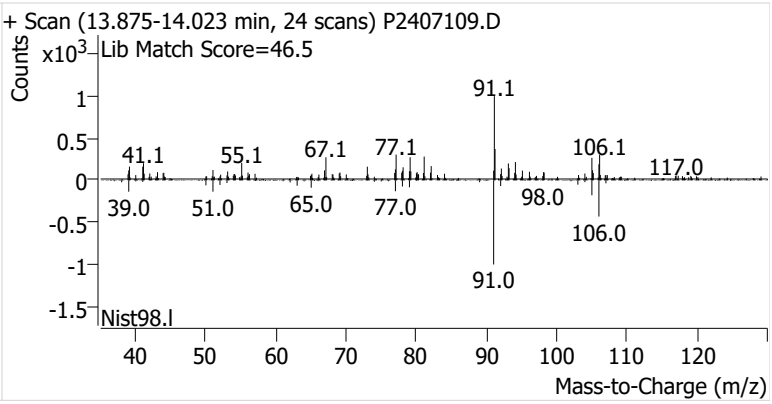
m-/p-Xylenes





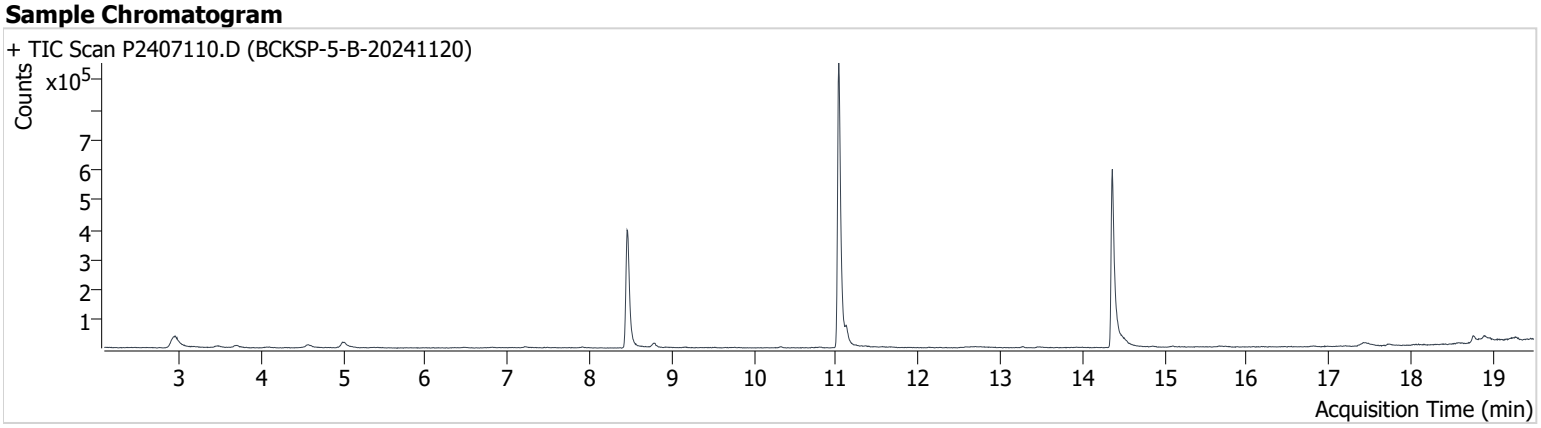
o-Xylene


+ EIC (91.1) Scan P2407109.D
Counts
x10^3
13.946 min.
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.875-14.023 min, 24 scans) P2407109.D
Counts
x10^3
Lib Match Score=46.5
91.1
41.1
55.1
67.1
77.1
106.1
117.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

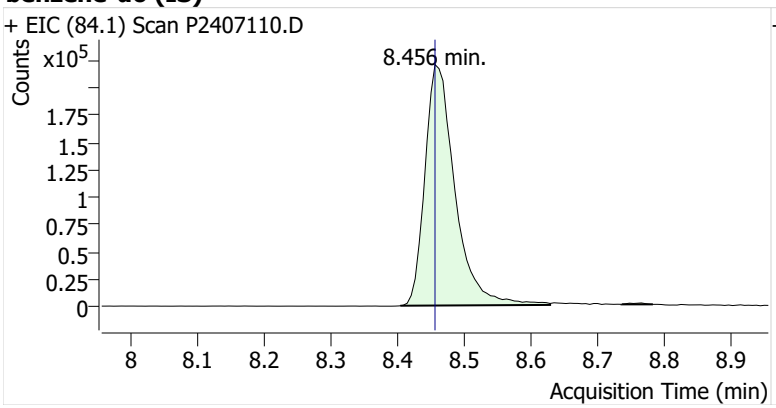
Name	BCKSP-5-B-20241120
Comment	B37422
Data File	P2407110.D
Acq. Date-Time	12/10/2024 3:45:27 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

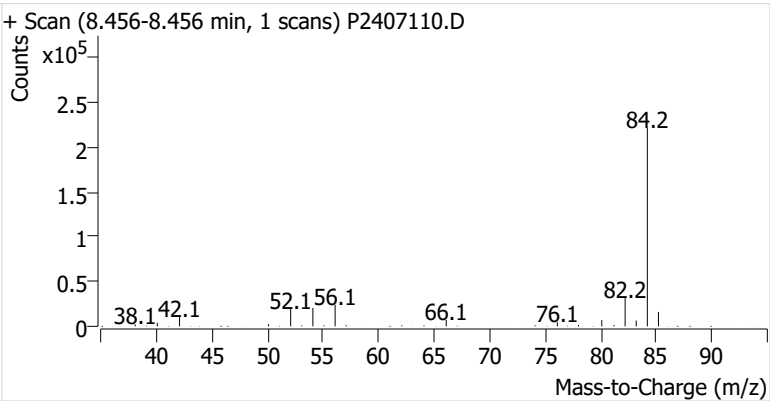
Sample Chromatogram



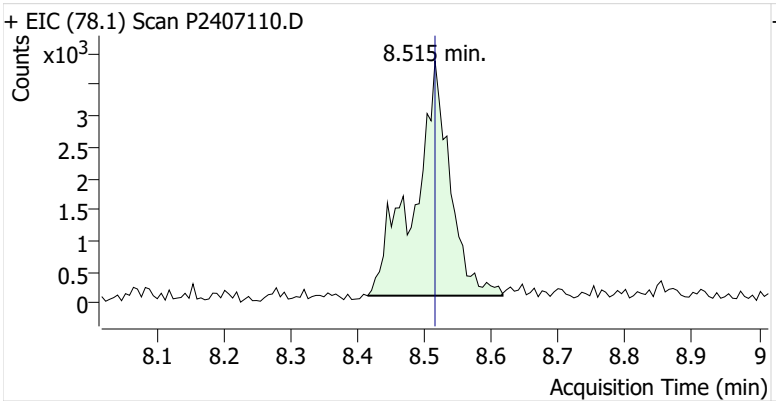
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	689,448	
Benzene	benzene-d6 (IS)	8.515	8.515	14,097	
Toluene-d8 (IS)		11.032	11.032	1,074,031	
Toluene	Toluene-d8 (IS)	11.127	11.121	51,547	
Ethylbenzene	Toluene-d8 (IS)	13.275	13.252	3,993	
m-/p-Xylenes	Toluene-d8 (IS)	13.483	13.459	5,048	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	2,302	

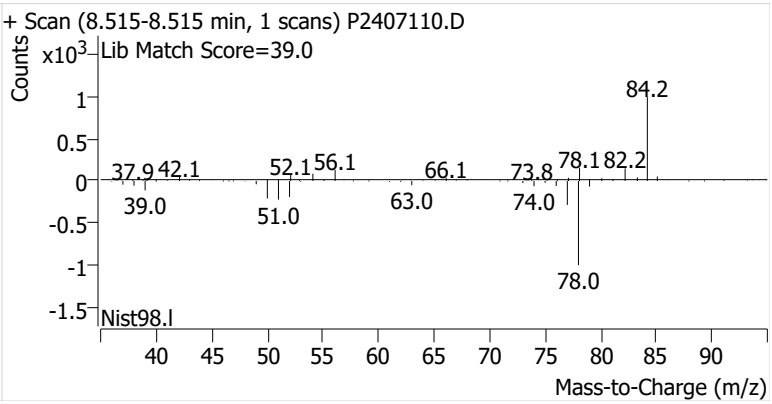
benzene-d6 (IS)



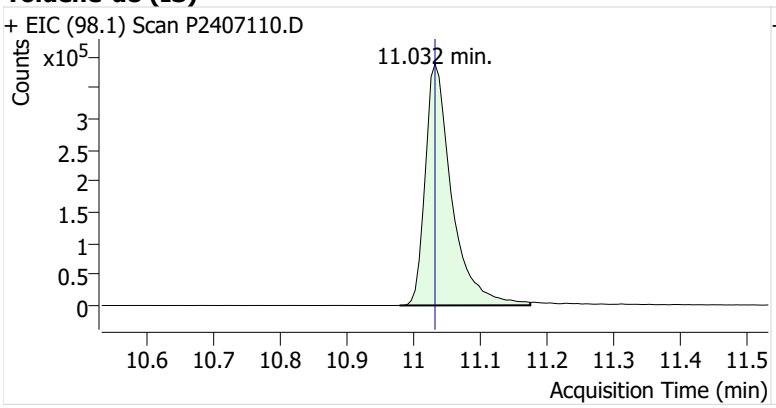


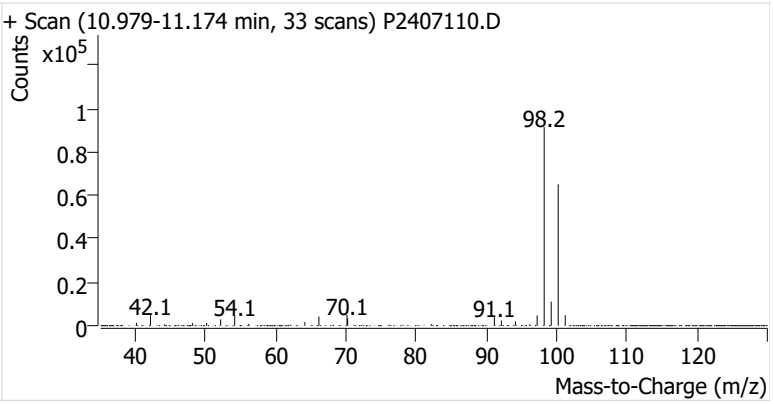
Benzene



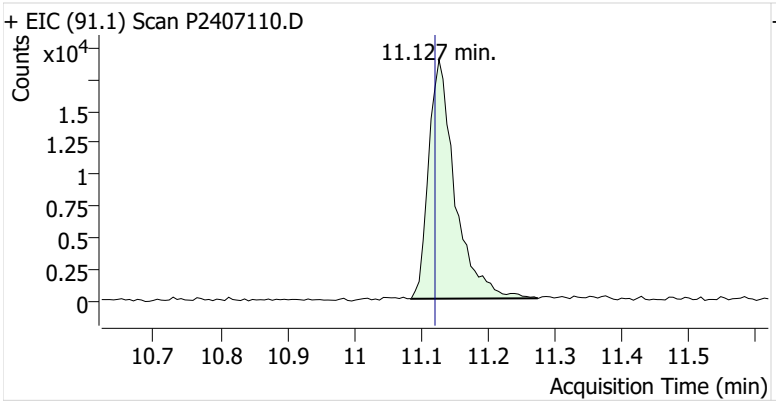


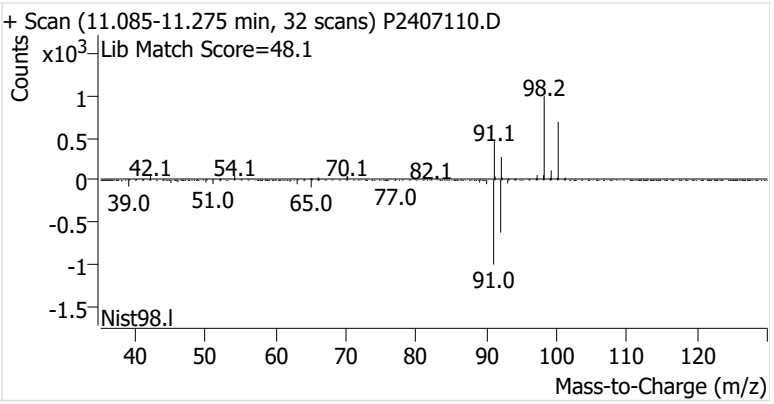
Toluene-d8 (IS)



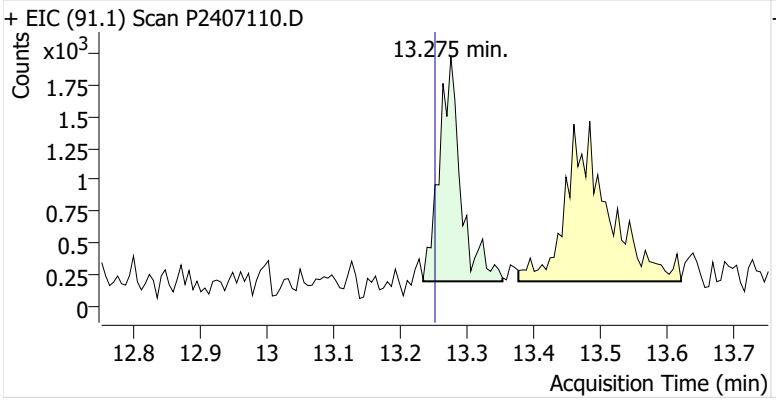


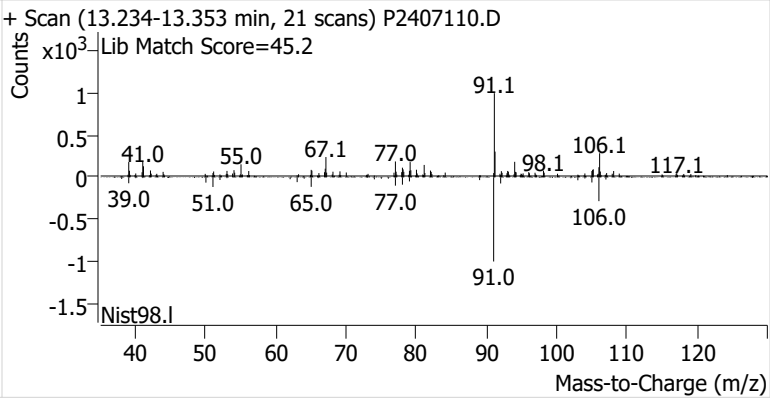
Toluene



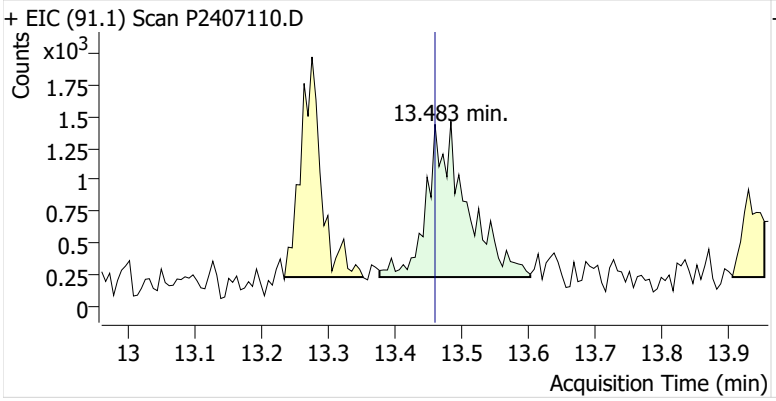


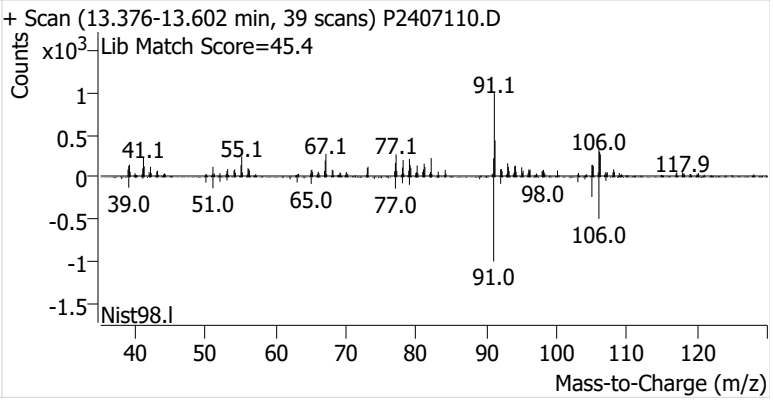
Ethylbenzene



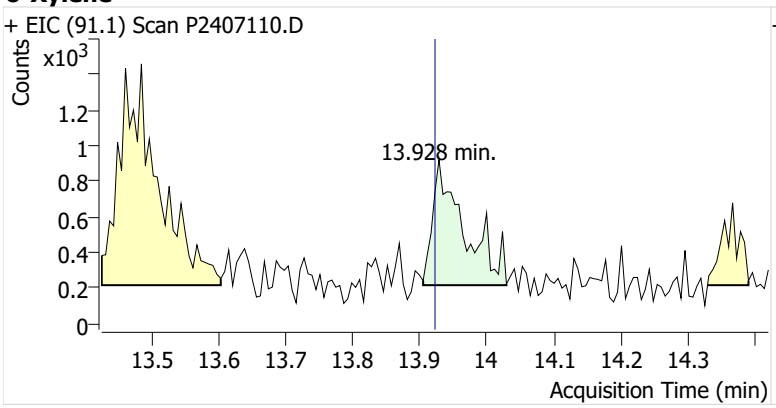


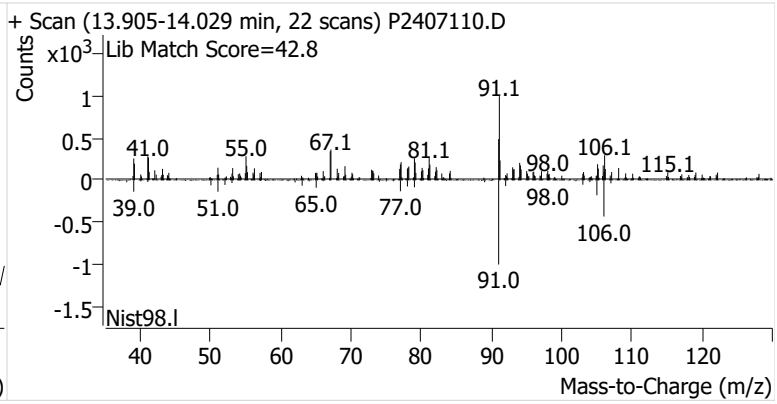
m-/p-Xylenes





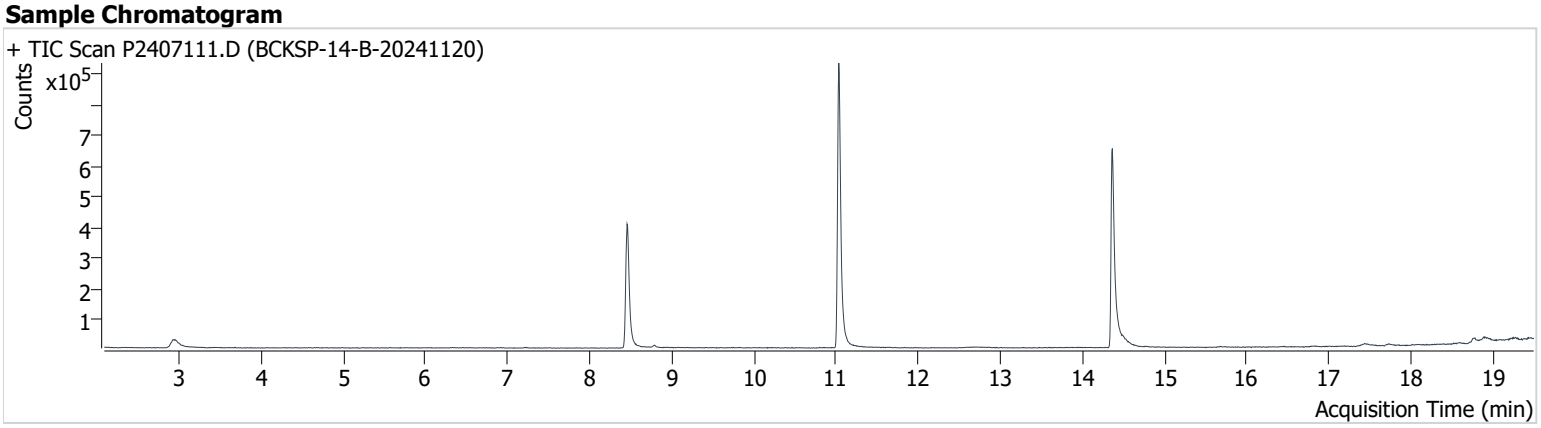
o-Xylene


+ EIC (91.1) Scan P2407110.D
Counts
x10^3
1.2
1
0.8
0.6
0.4
0.2
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.905-14.029 min, 22 scans) P2407110.D
Lib Match Score=42.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.0
55.0
67.1
81.1
98.0
106.1
115.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

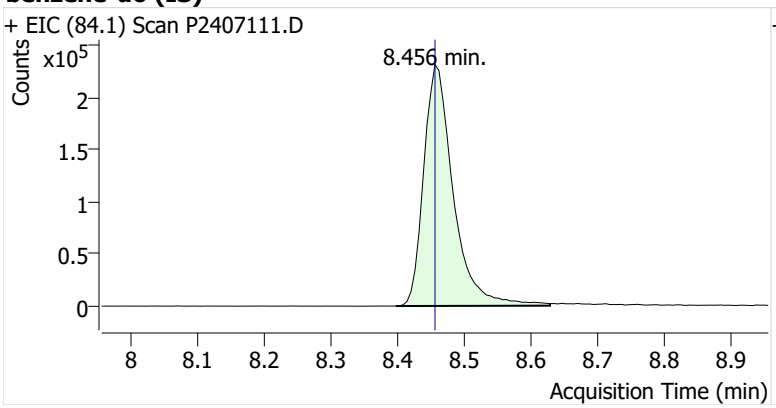
Name	BCKSP-14-B-20241120
Comment	B48633
Data File	P2407111.D
Acq. Date-Time	12/10/2024 4:23:19 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

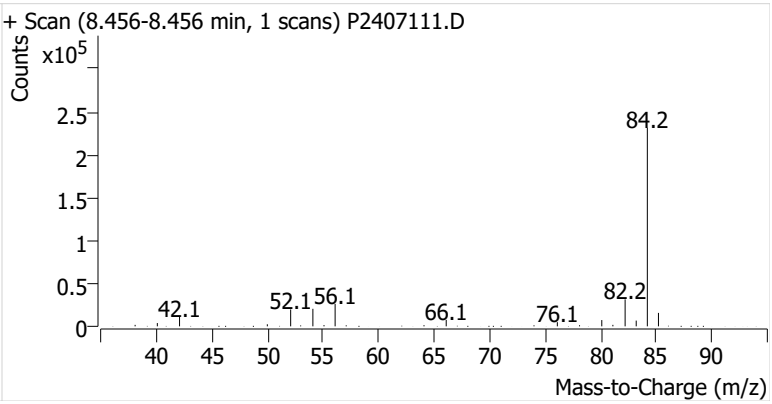
Sample Chromatogram



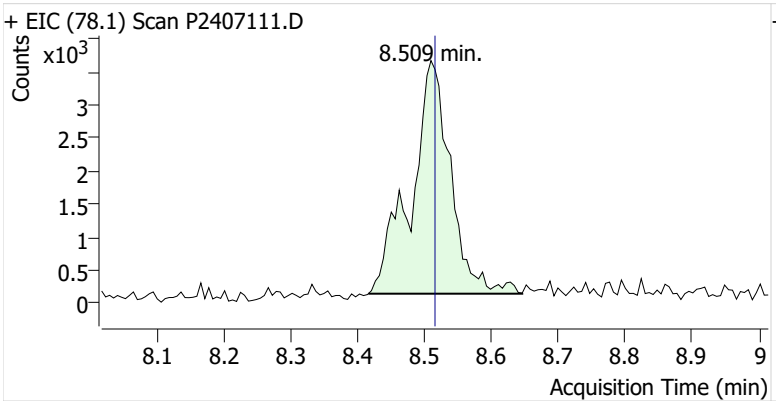
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	709,536	
Benzene	benzene-d6 (IS)	8.509	8.515	14,600	
Toluene-d8 (IS)		11.032	11.032	1,054,192	
Toluene	Toluene-d8 (IS)	11.127	11.121	5,648	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	630	
m-/p-Xylenes	Toluene-d8 (IS)	13.269	13.459	ND	m
o-Xylene	Toluene-d8 (IS)	13.928	13.922	165	

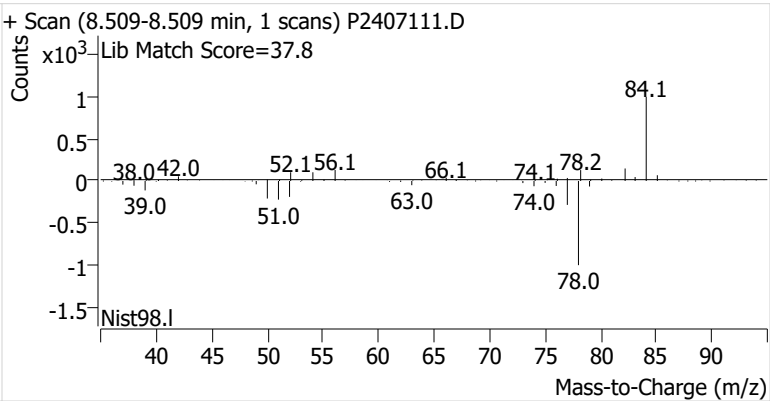
benzene-d6 (IS)



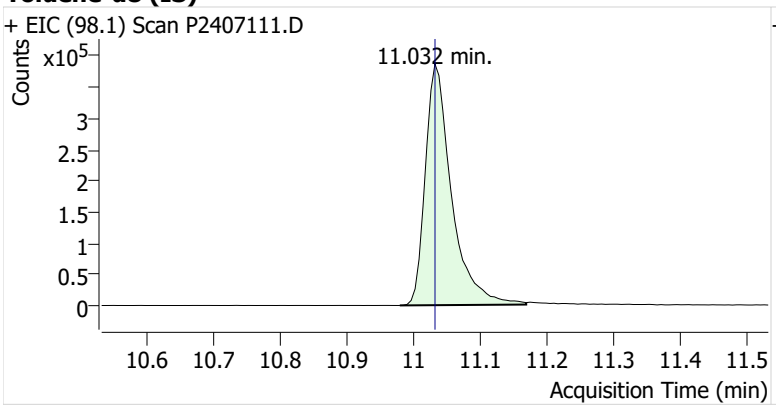


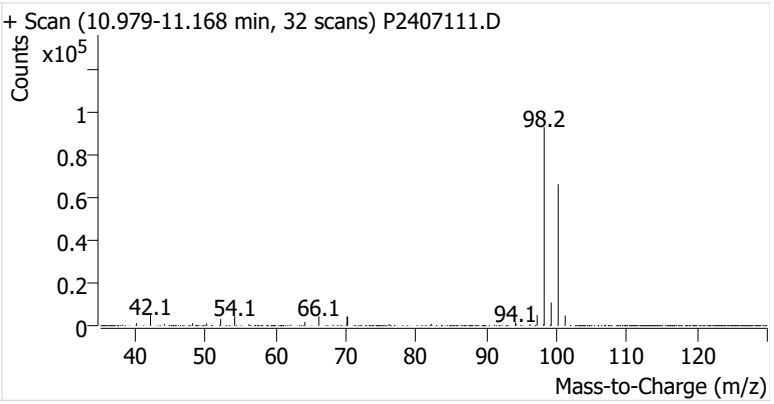
Benzene



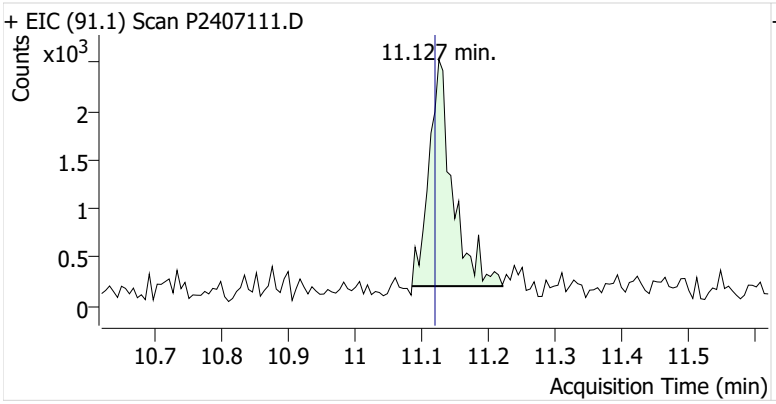


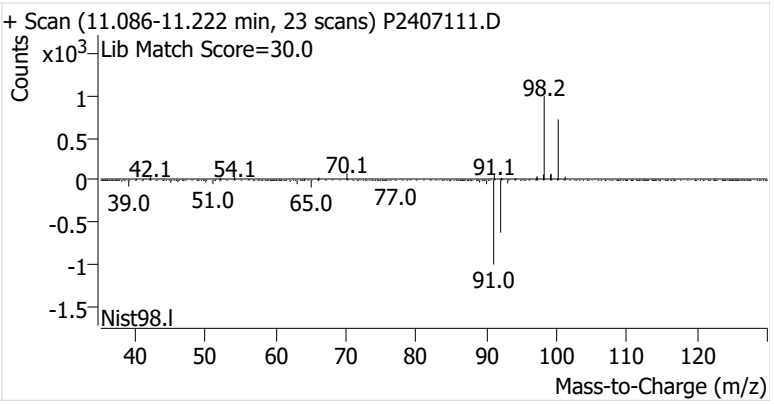
Toluene-d8 (IS)



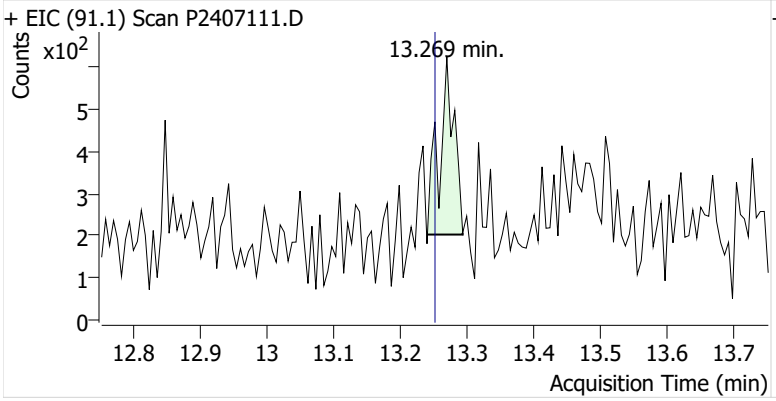


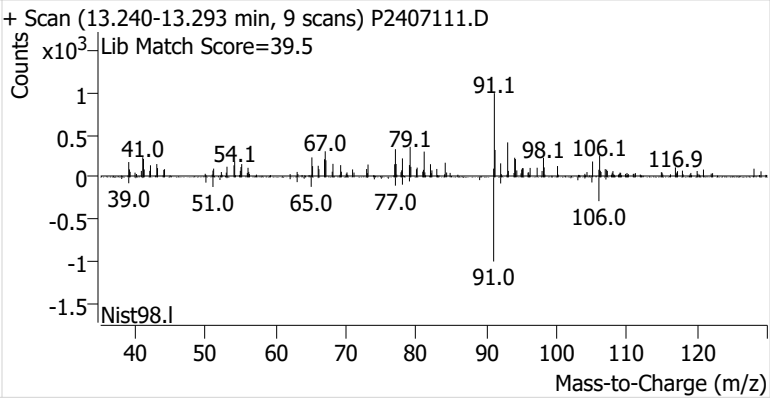
Toluene



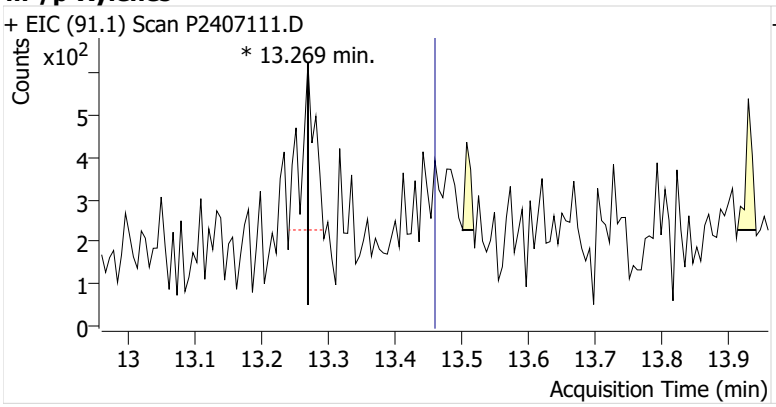


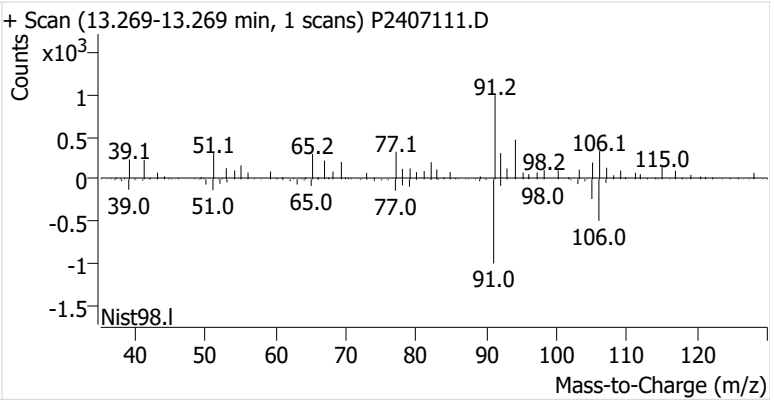
Ethylbenzene



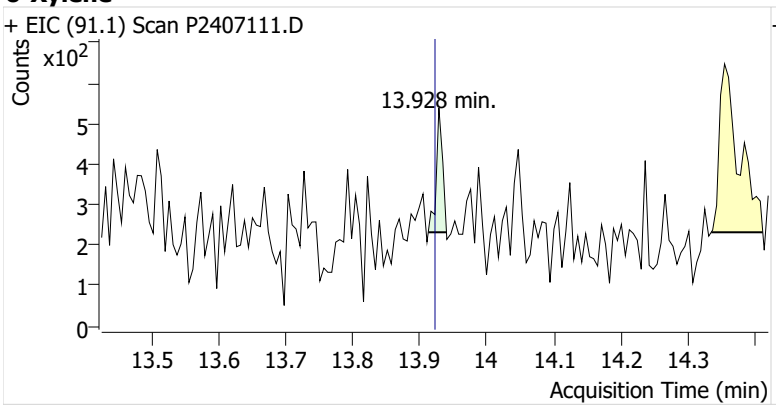


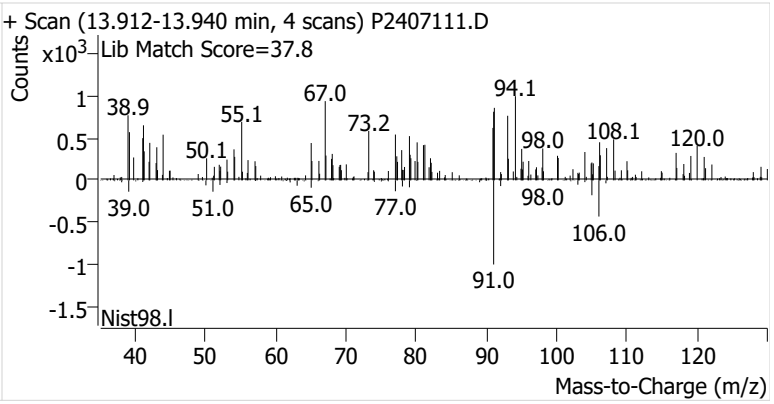
m-/p-Xylenes





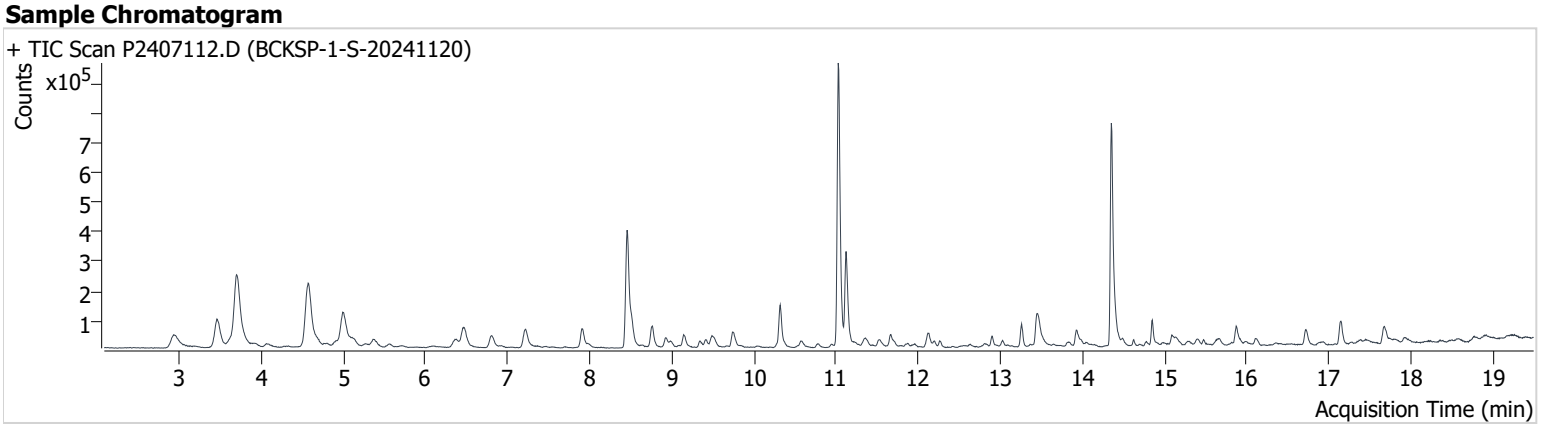
o-Xylene


+ EIC (91.1) Scan P2407111.D
Counts
x10^2
13.928 min.
Acquisition Time (min)


+ Scan (13.912-13.940 min, 4 scans) P2407111.D
Lib Match Score=37.8
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

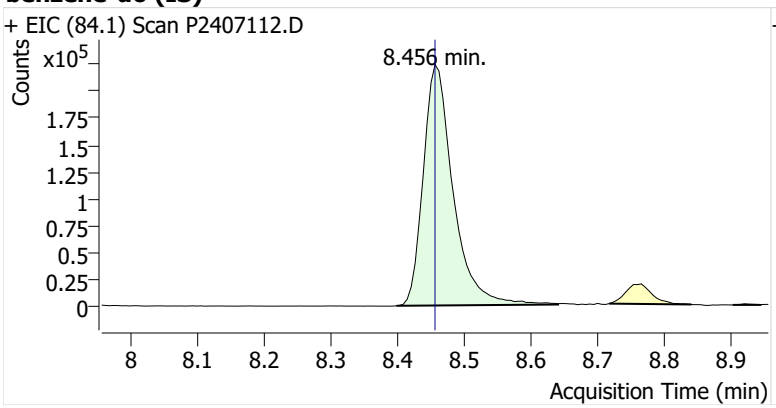
Name	BCKSP-1-S-20241120
Comment	C32943
Data File	P2407112.D
Acq. Date-Time	12/10/2024 5:01:08 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

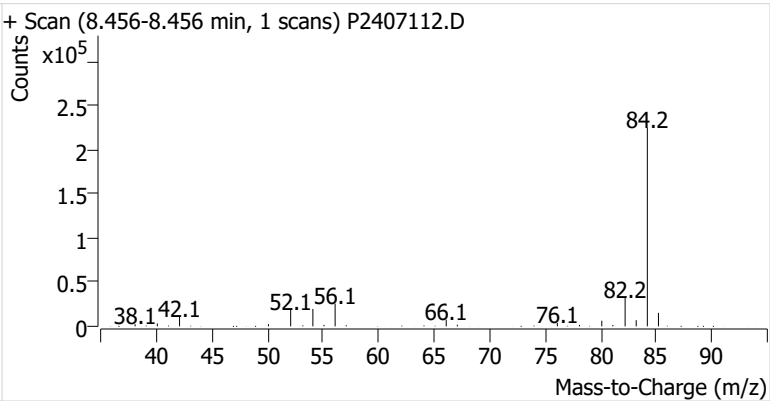
Sample Chromatogram



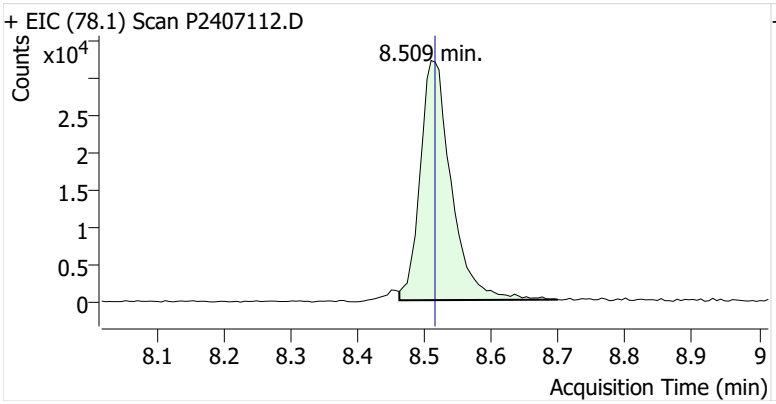
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	696,160	
Benzene	benzene-d6 (IS)	8.509	8.515	104,235	
Toluene-d8 (IS)		11.026	11.032	1,005,536	
Toluene	Toluene-d8 (IS)	11.121	11.121	346,539	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	75,678	
m-/p-Xylenes	Toluene-d8 (IS)	13.442	13.459	182,244	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	72,051	

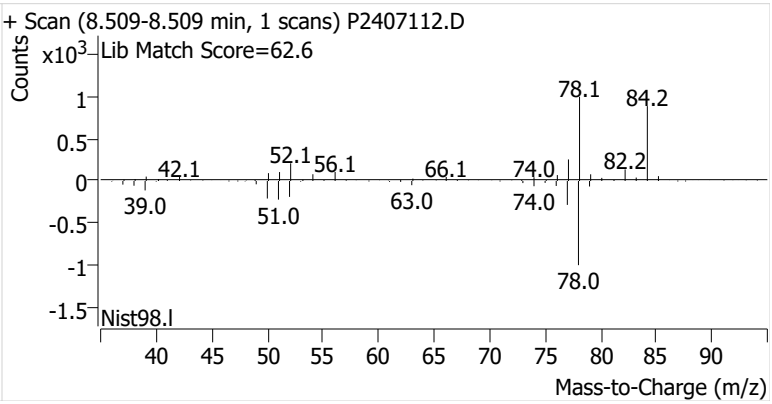
benzene-d6 (IS)



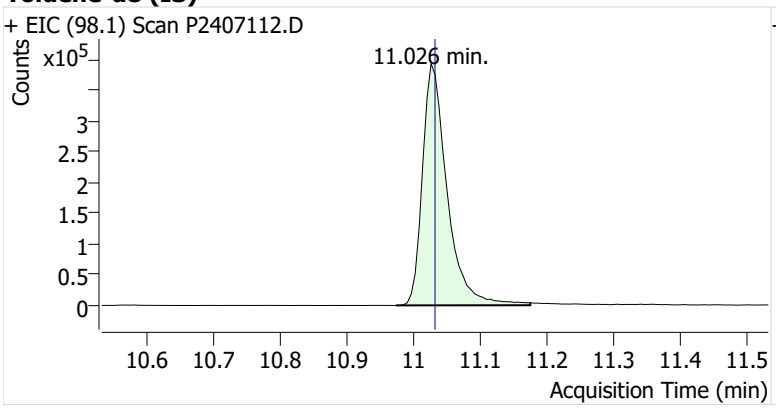


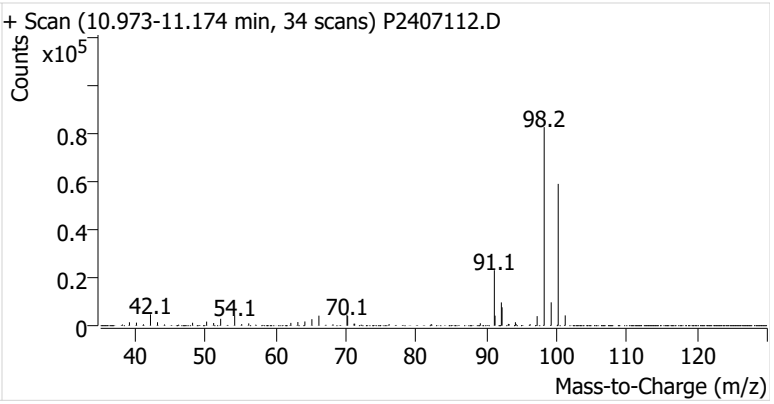
Benzene



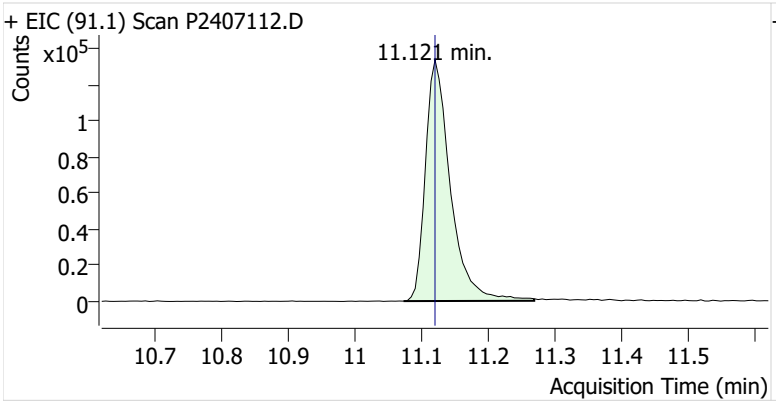


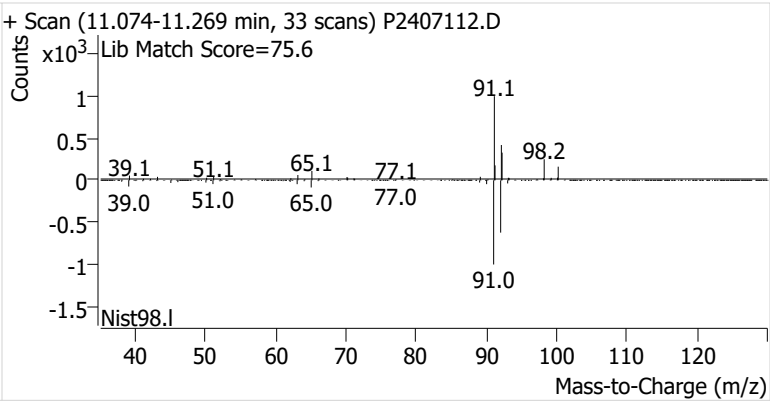
Toluene-d8 (IS)



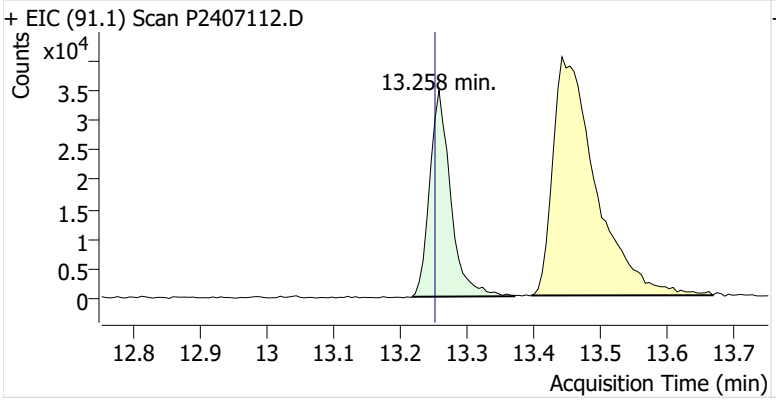


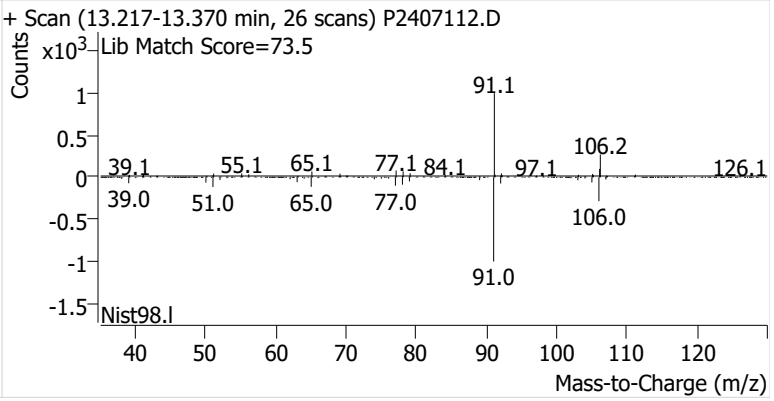
Toluene



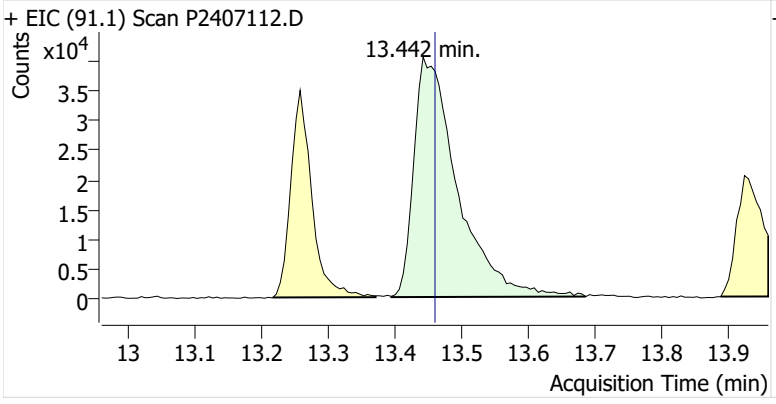


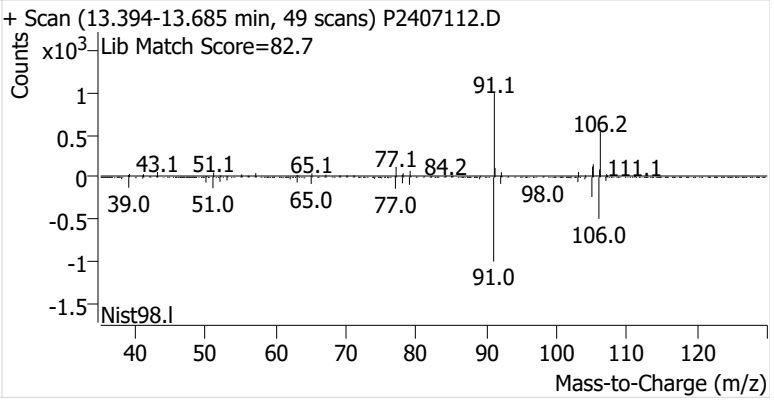
Ethylbenzene



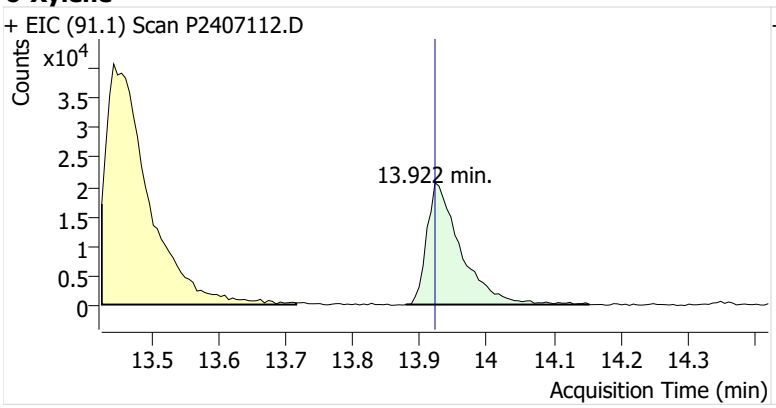


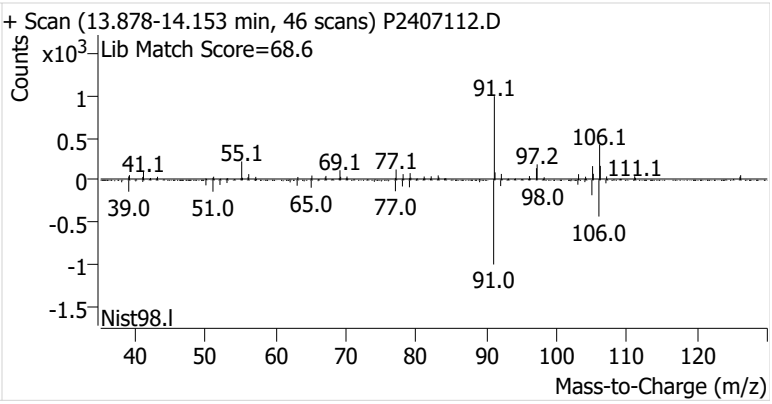
m-/p-Xylenes





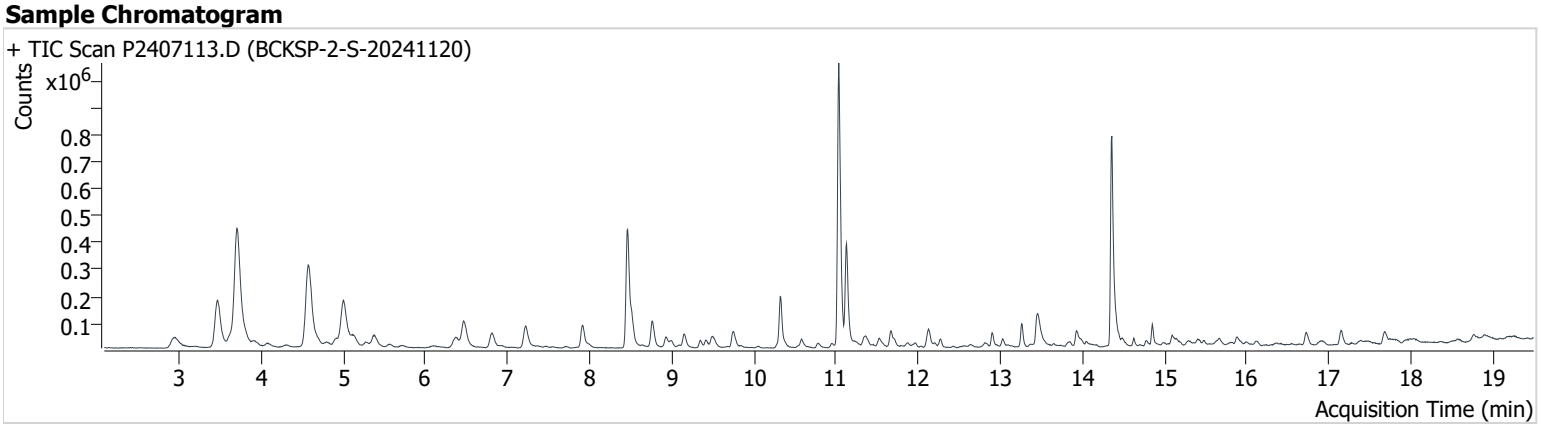
o-Xylene


+ EIC (91.1) Scan P2407112.D
Counts
x10^4
3.5
3
2.5
2
1.5
1
0.5
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.878-14.153 min, 46 scans) P2407112.D
Counts
x10^3
Lib Match Score=68.6
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

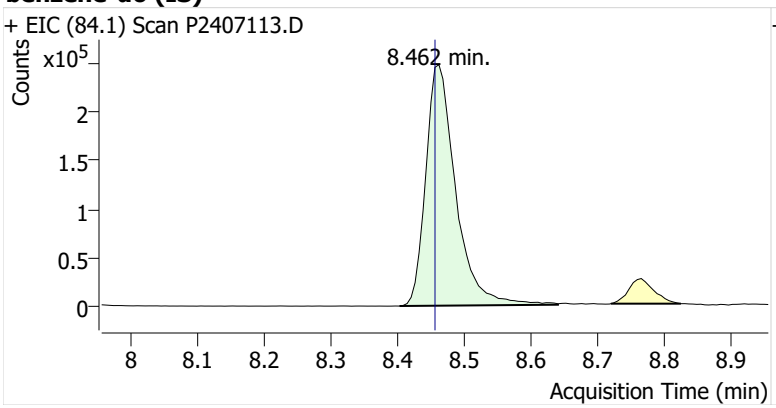
Name	BCKSP-2-S-20241120
Comment	B50622
Data File	P2407113.D
Acq. Date-Time	12/10/2024 5:38:57 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

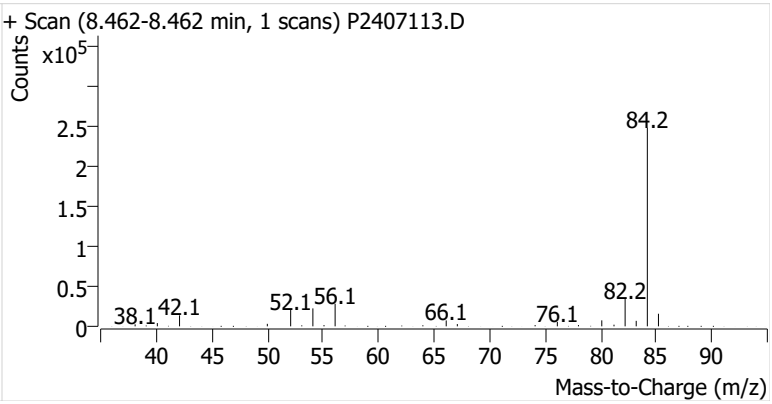
Sample Chromatogram



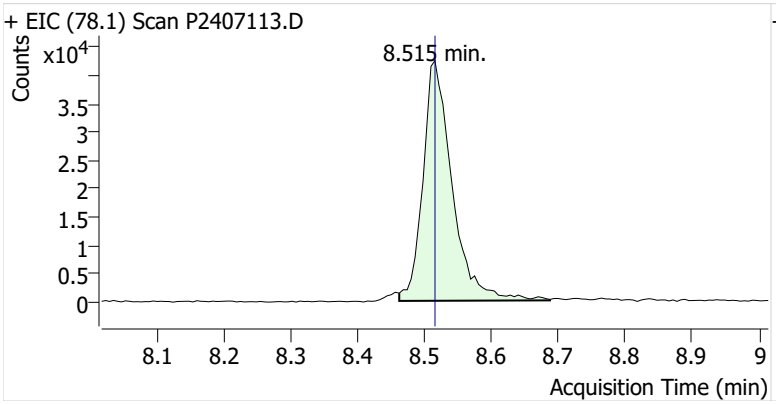
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	771,285	
Benzene	benzene-d6 (IS)	8.515	8.515	128,475	
Toluene-d8 (IS)		11.032	11.032	1,122,107	
Toluene	Toluene-d8 (IS)	11.127	11.121	406,670	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	85,278	
m-/p-Xylenes	Toluene-d8 (IS)	13.453	13.459	197,632	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	75,374	

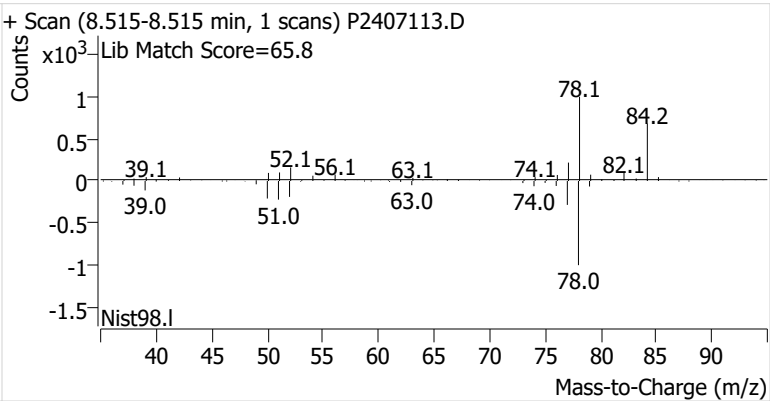
benzene-d6 (IS)



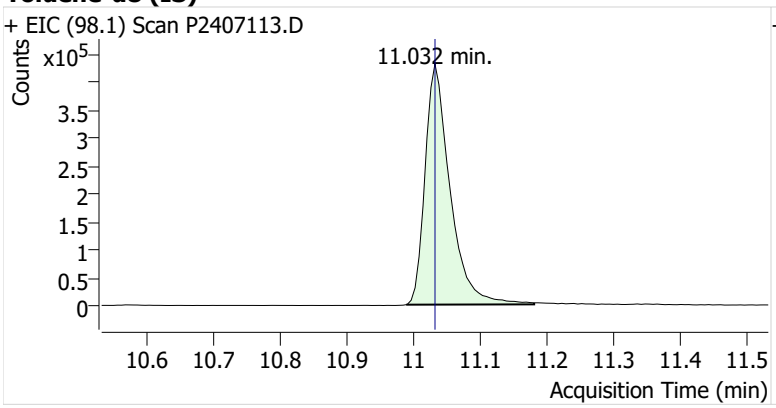


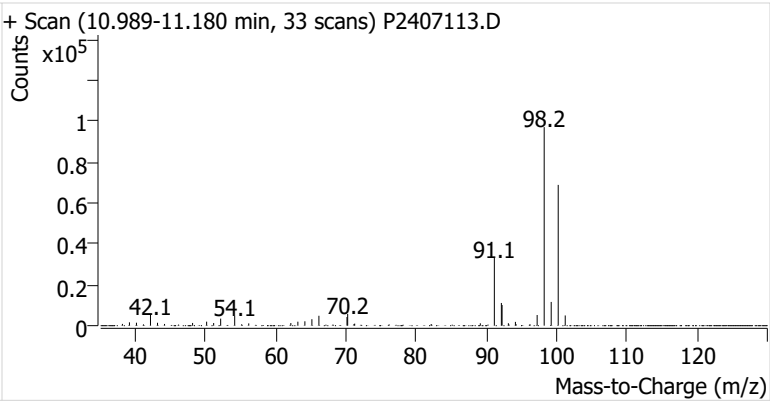
Benzene



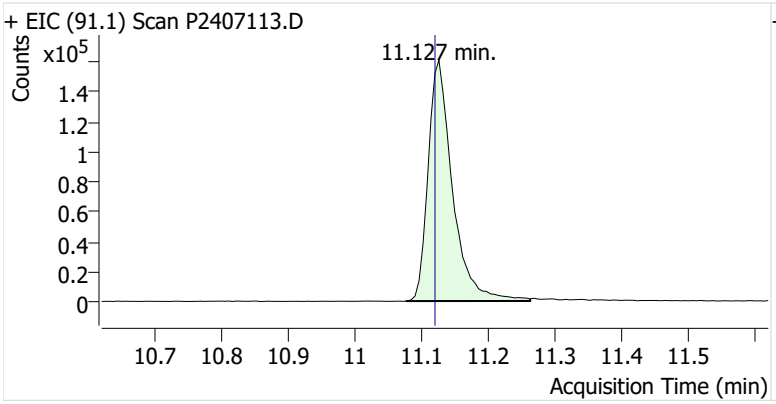


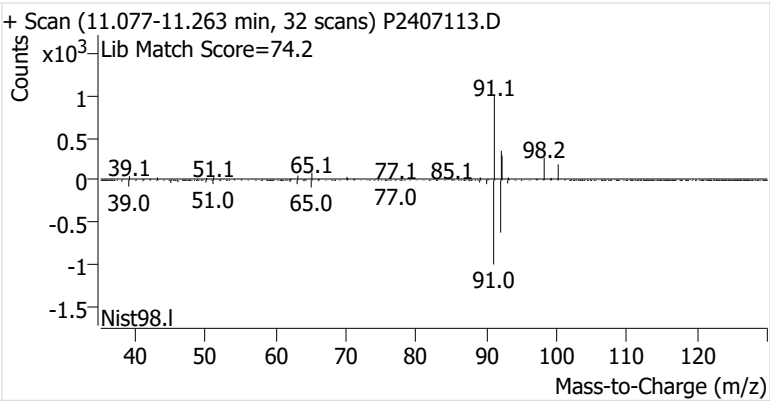
Toluene-d8 (IS)



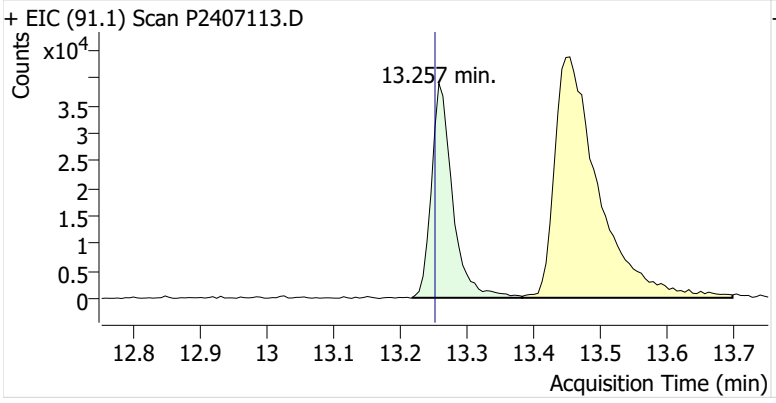


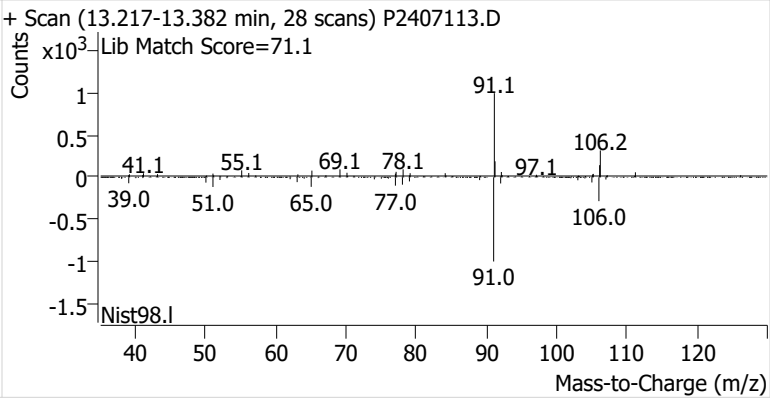
Toluene



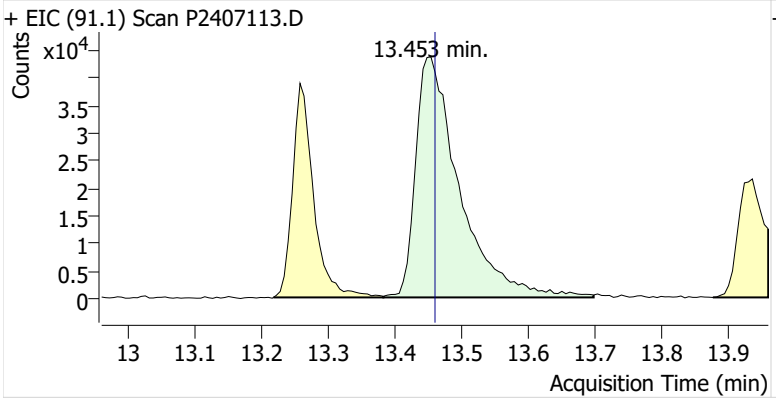


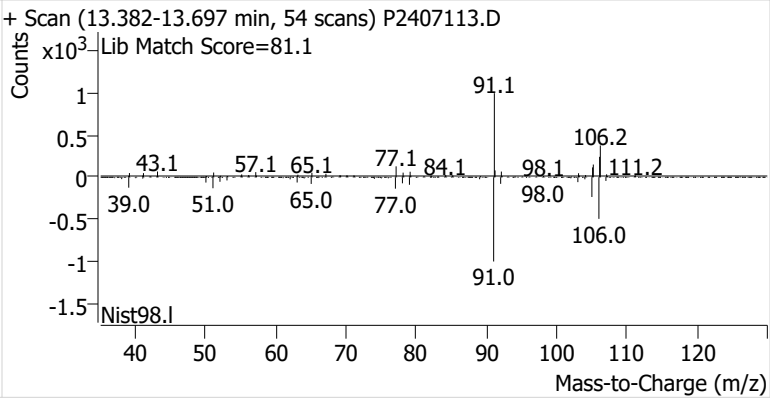
Ethylbenzene



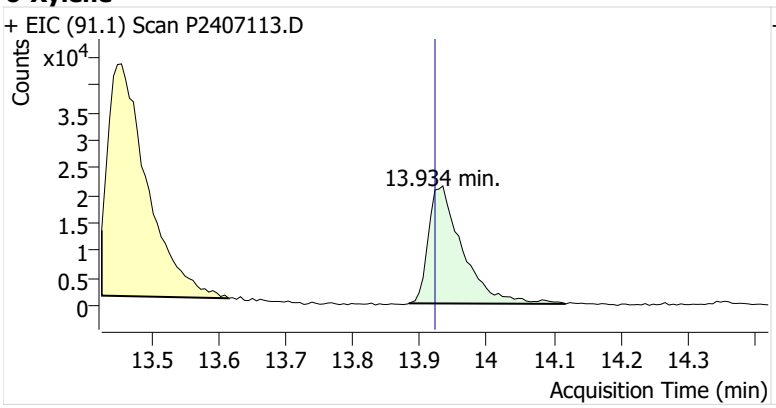


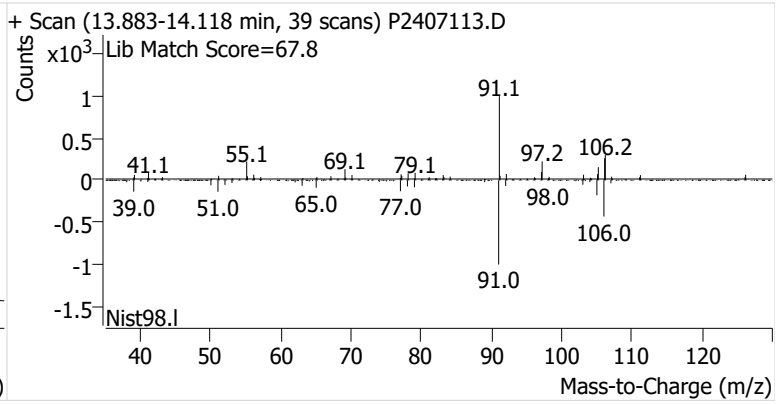
m-/p-Xylenes





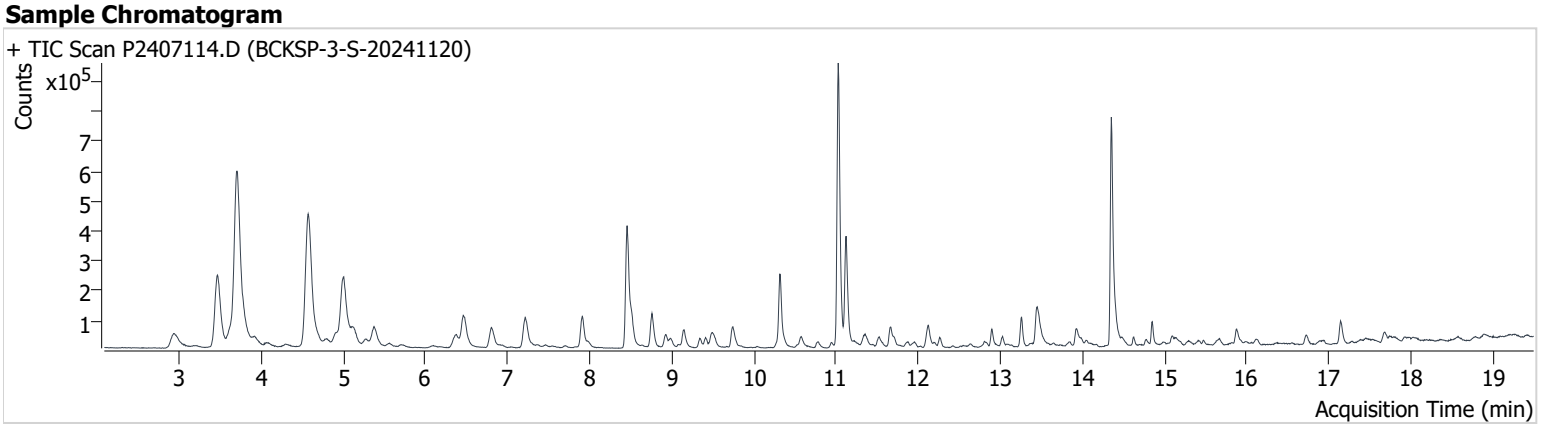
o-Xylene


+ EIC (91.1) Scan P2407113.D
Counts
x10^4
3.5
3
2.5
2
1.5
1
0.5
0
13.934 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.883-14.118 min, 39 scans) P2407113.D
Counts
x10^3
Lib Match Score=67.8
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
79.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

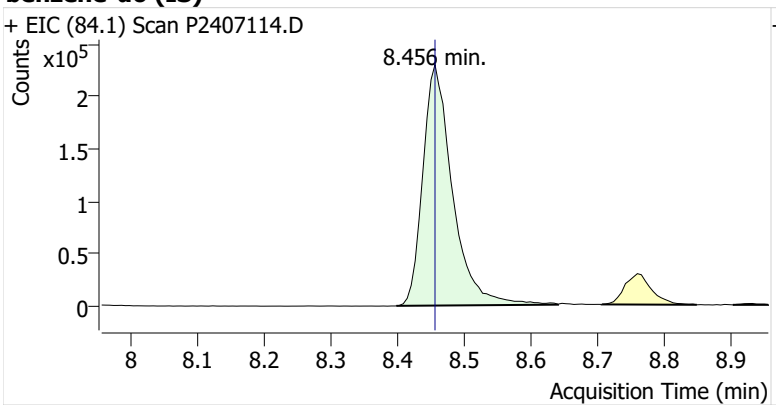
Name	BCKSP-3-S-20241120
Comment	C36899
Data File	P2407114.D
Acq. Date-Time	12/10/2024 6:16:45 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

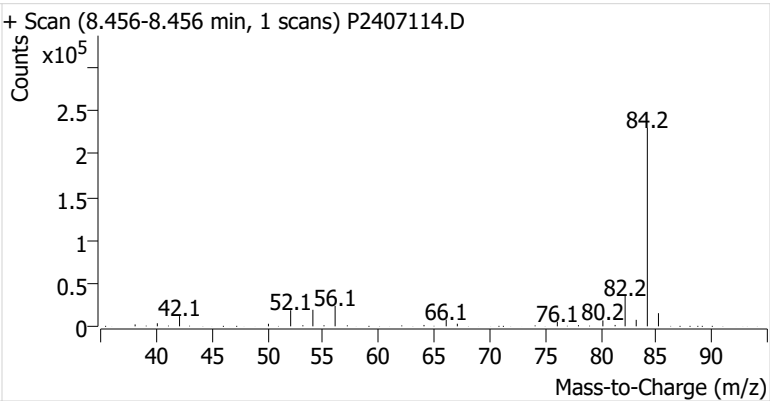
Sample Chromatogram



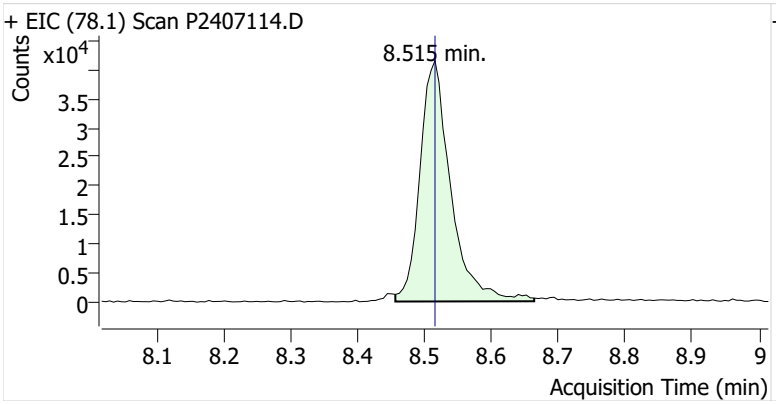
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	708,251	
Benzene	benzene-d6 (IS)	8.515	8.515	132,737	
Toluene-d8 (IS)		11.026	11.032	997,797	
Toluene	Toluene-d8 (IS)	11.121	11.121	403,766	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	99,649	
m-/p-Xylenes	Toluene-d8 (IS)	13.448	13.459	209,924	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	78,422	

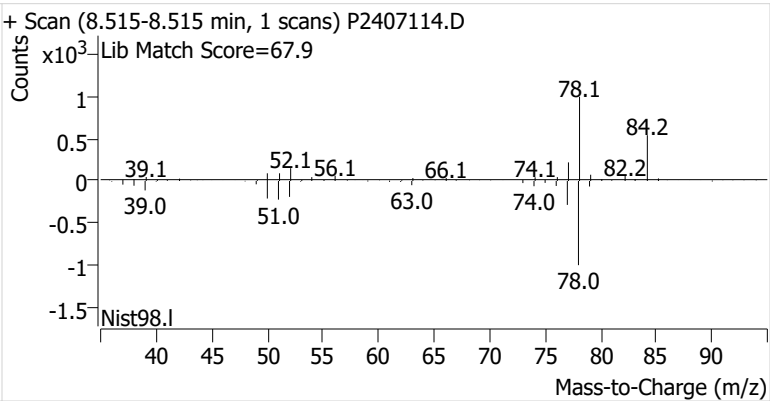
benzene-d6 (IS)



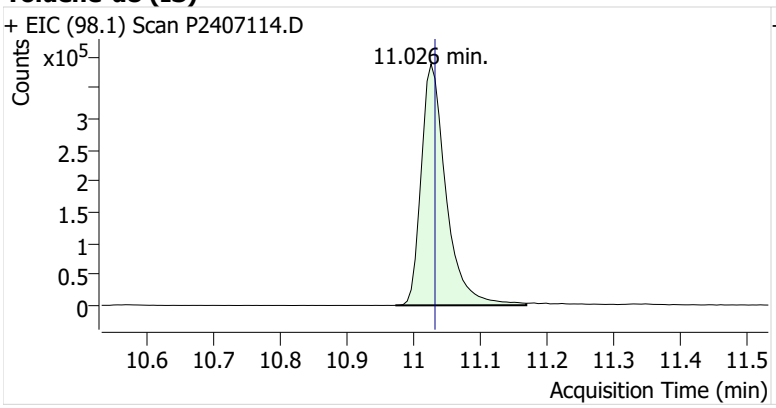


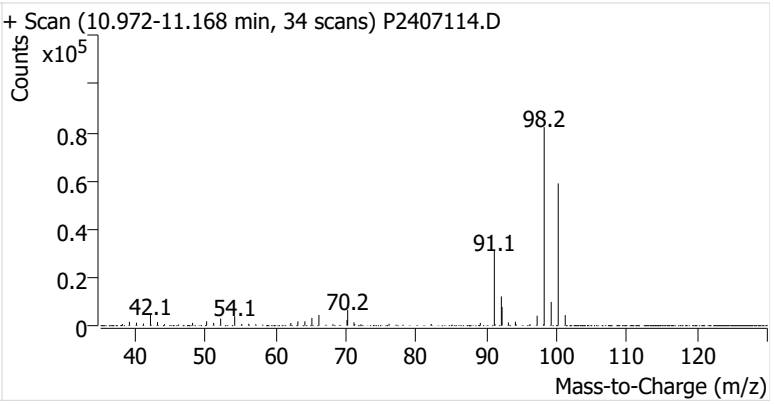
Benzene



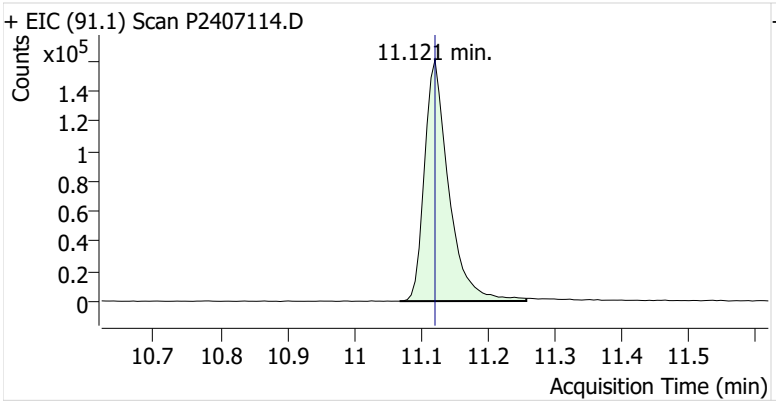


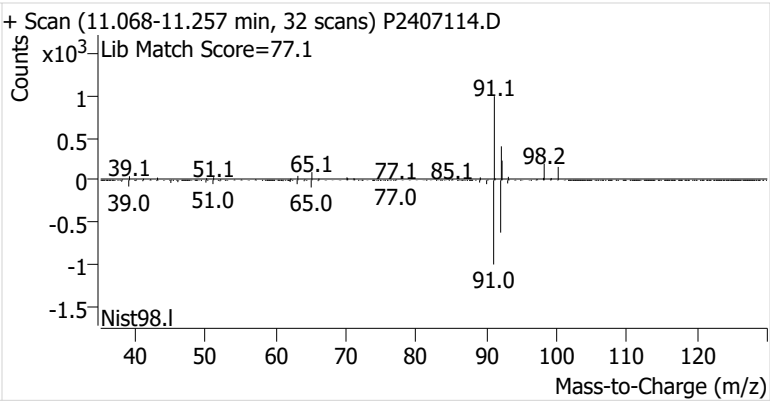
Toluene-d8 (IS)



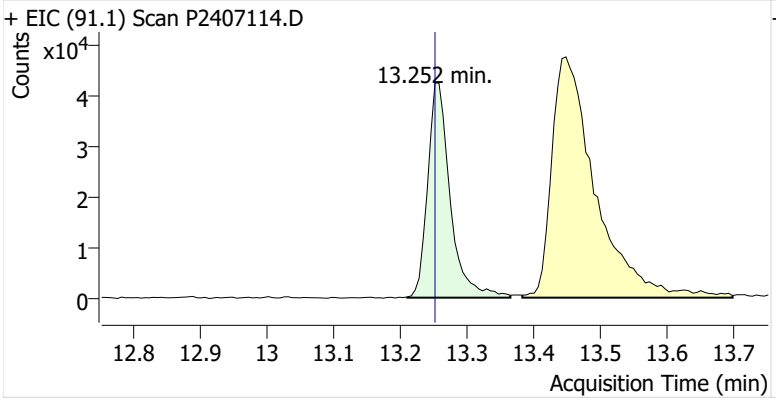


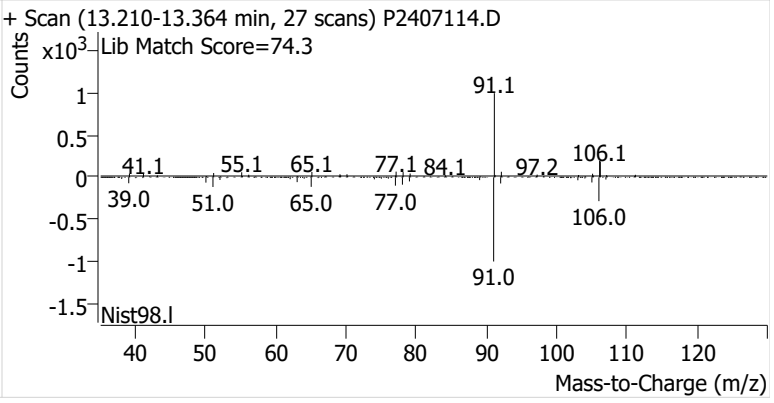
Toluene



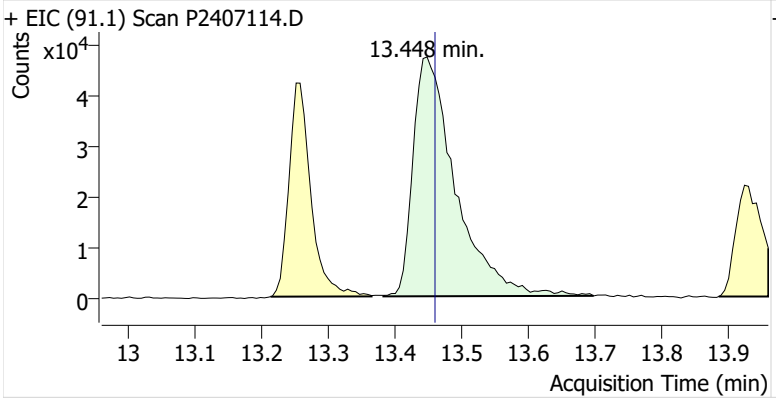


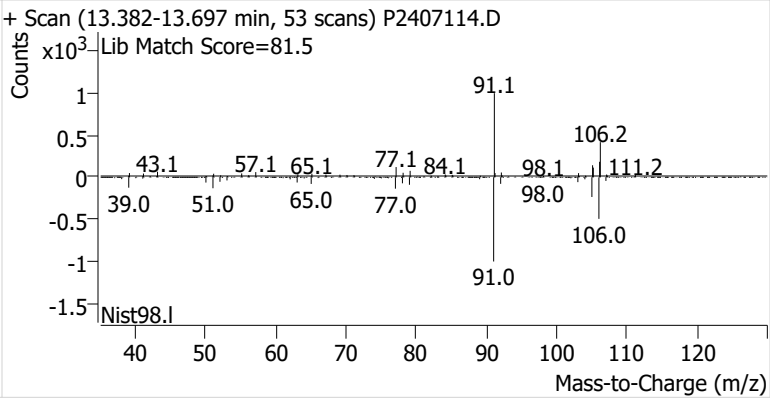
Ethylbenzene



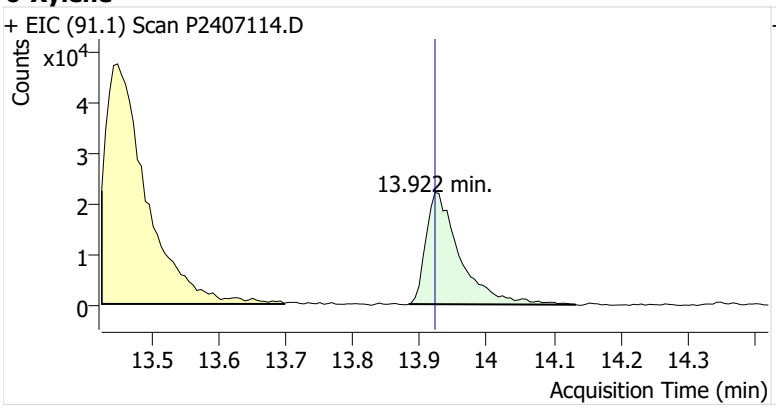


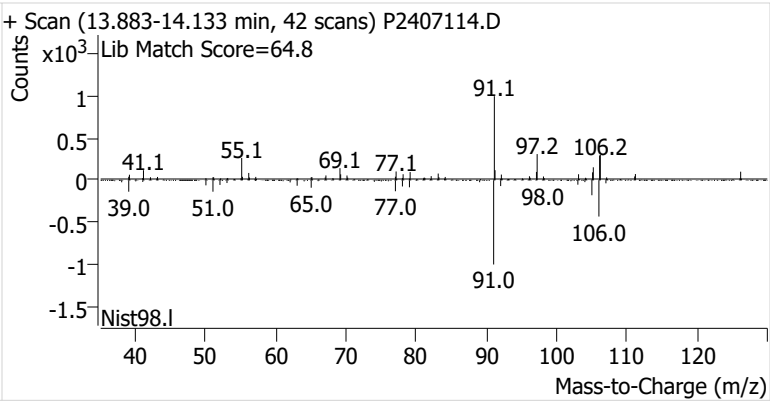
m-/p-Xylenes





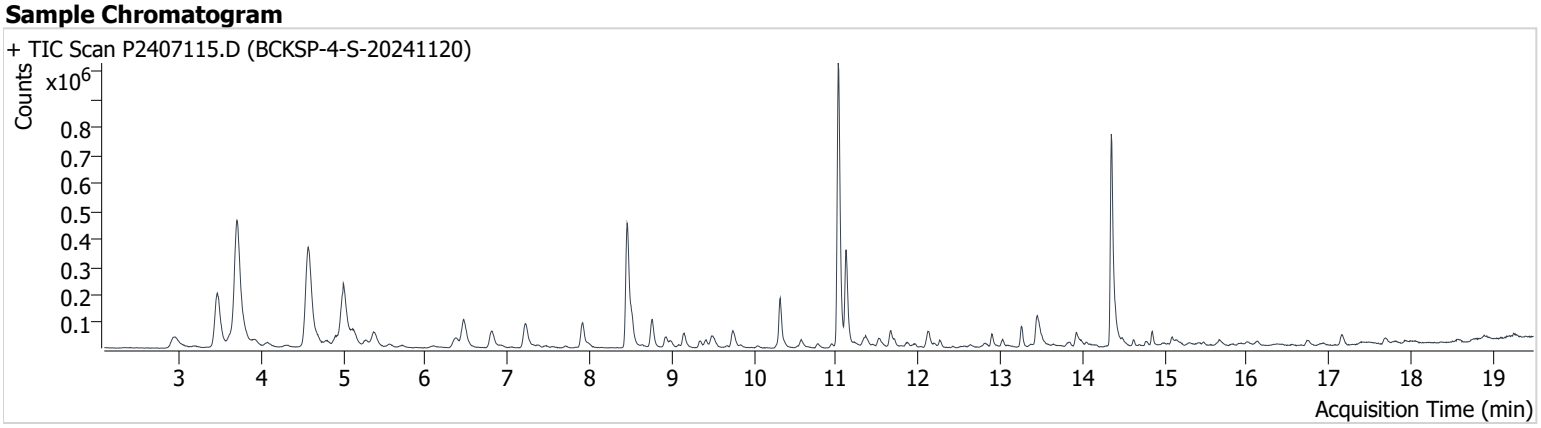
o-Xylene


+ EIC (91.1) Scan P2407114.D
Counts
x10^4
13.922 min.
Acquisition Time (min)


+ Scan (13.883-14.133 min, 42 scans) P2407114.D
Lib Match Score=64.8
Counts
x10^3
91.1
41.1
55.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

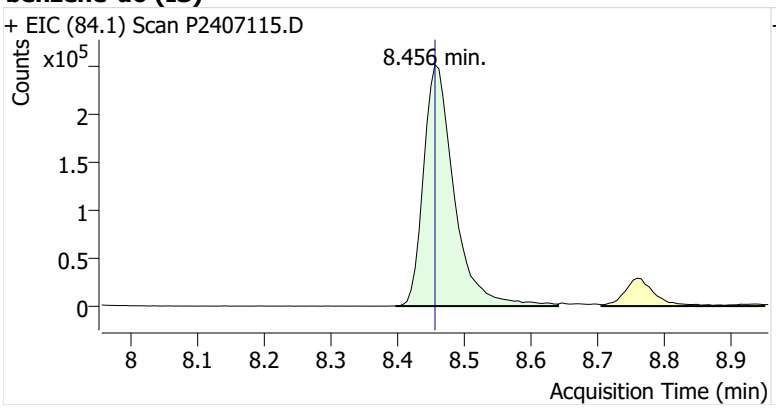
Name	BCKSP-4-S-20241120
Comment	B37607
Data File	P2407115.D
Acq. Date-Time	12/10/2024 6:54:35 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

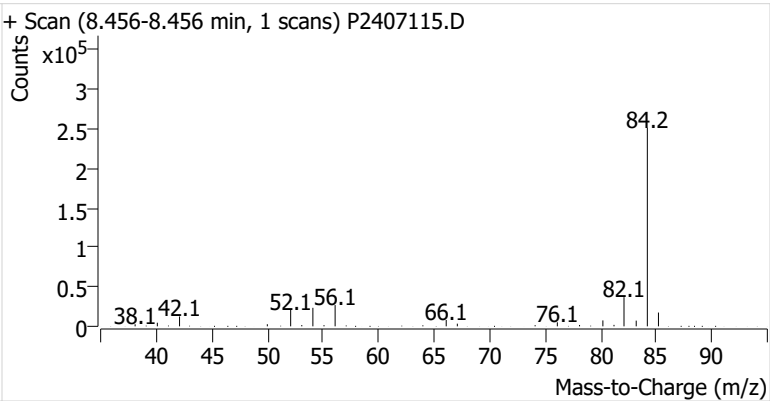
Sample Chromatogram



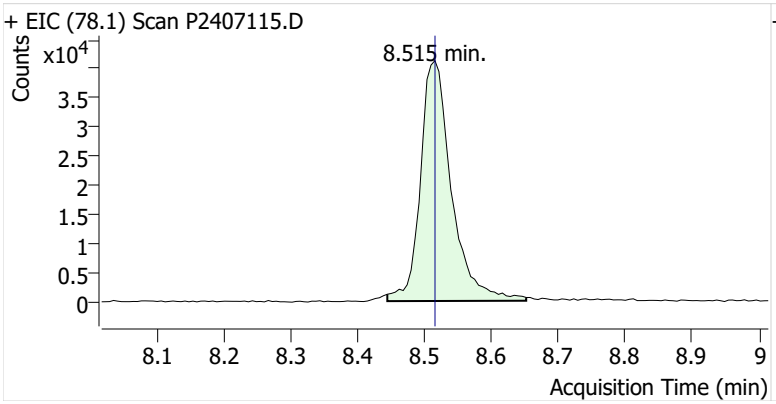
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	798,870	
Benzene	benzene-d6 (IS)	8.515	8.515	133,230	
Toluene-d8 (IS)		11.026	11.032	1,085,733	
Toluene	Toluene-d8 (IS)	11.121	11.121	375,009	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	74,782	
m-/p-Xylenes	Toluene-d8 (IS)	13.453	13.459	167,884	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	67,006	

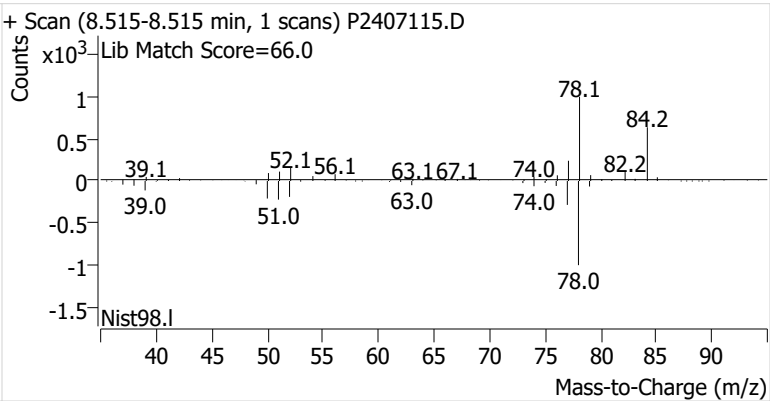
benzene-d6 (IS)



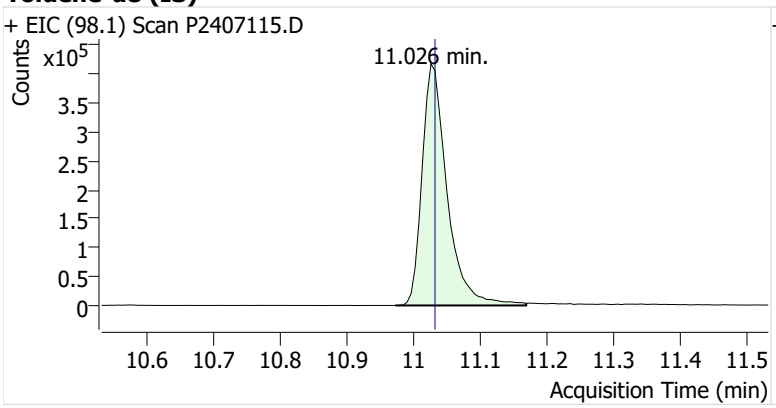


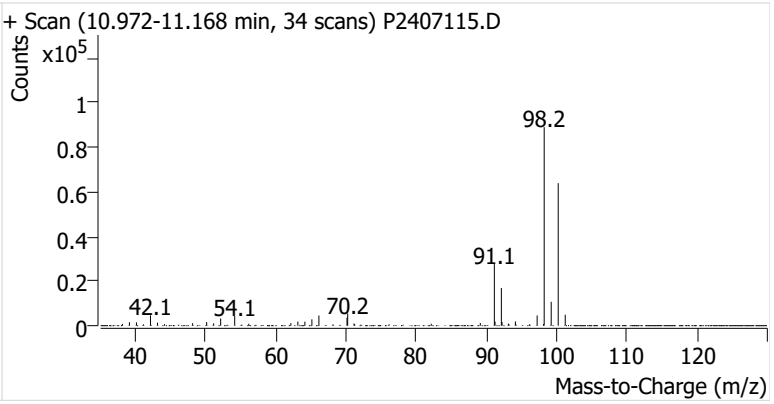
Benzene



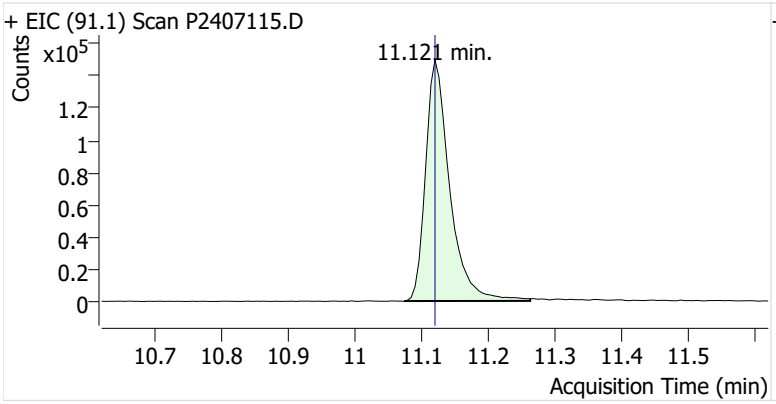


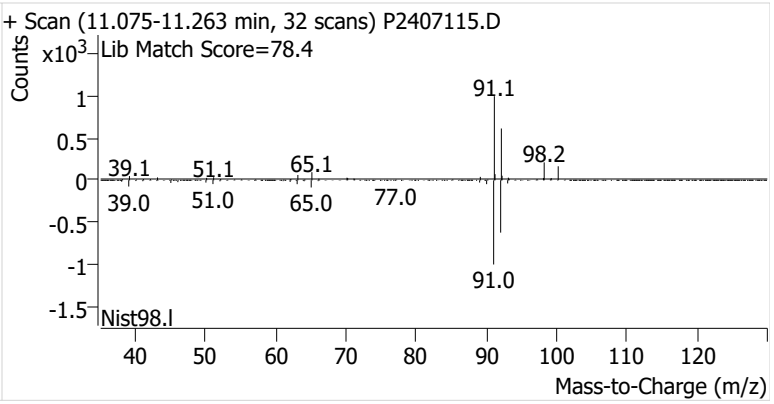
Toluene-d8 (IS)



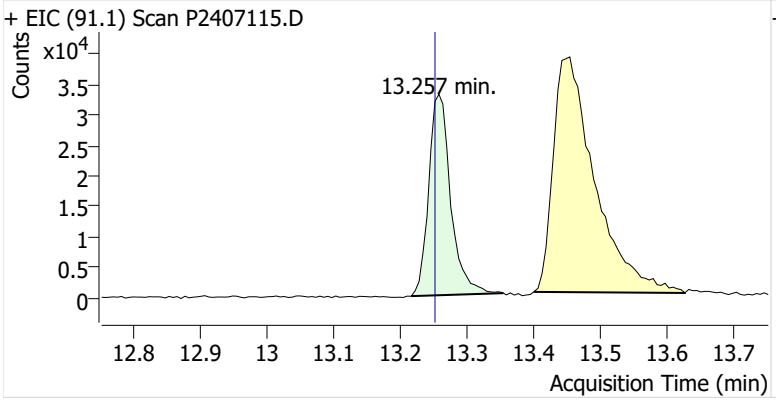


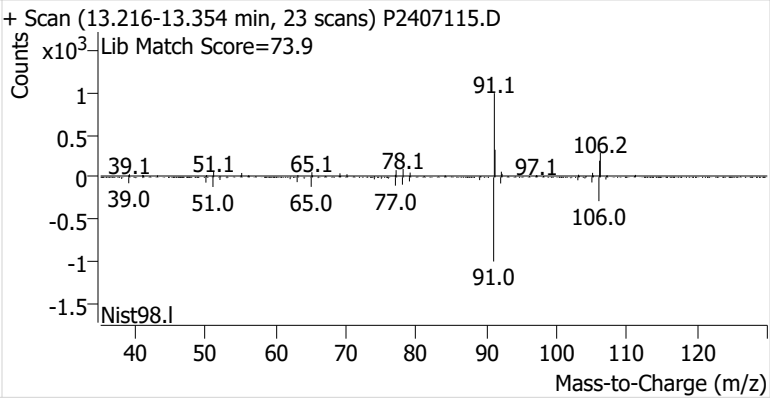
Toluene



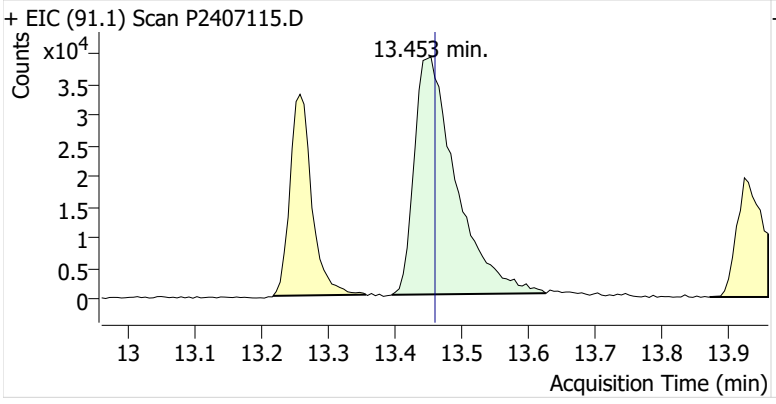


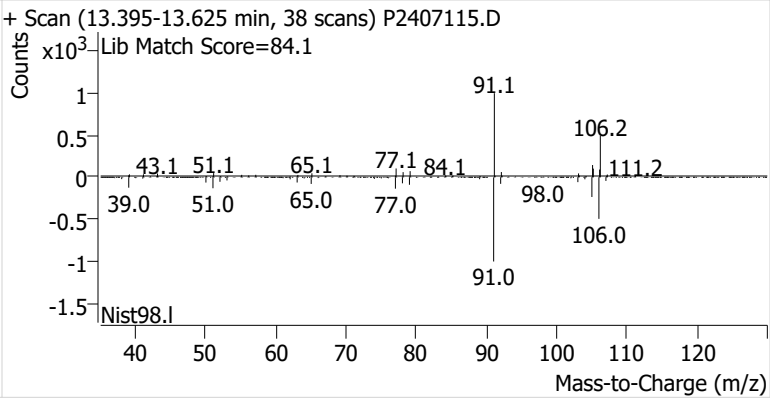
Ethylbenzene



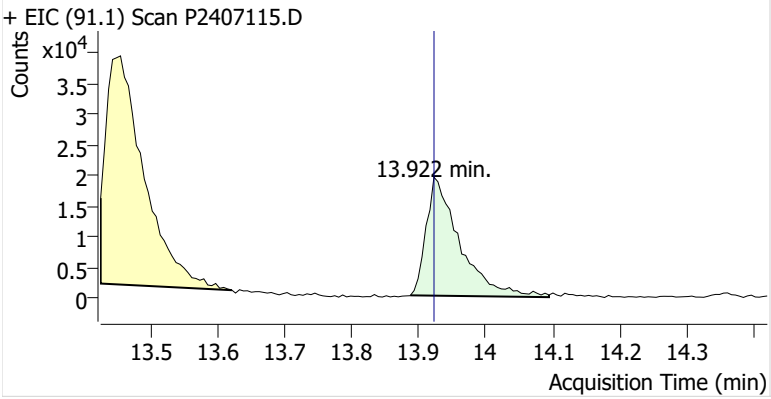


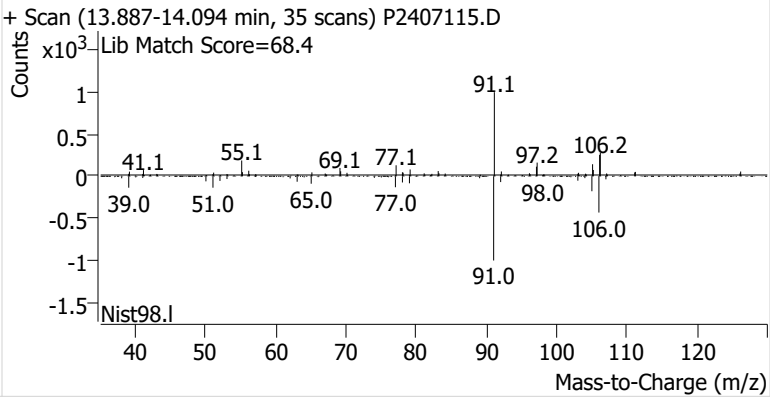
m-/p-Xylenes





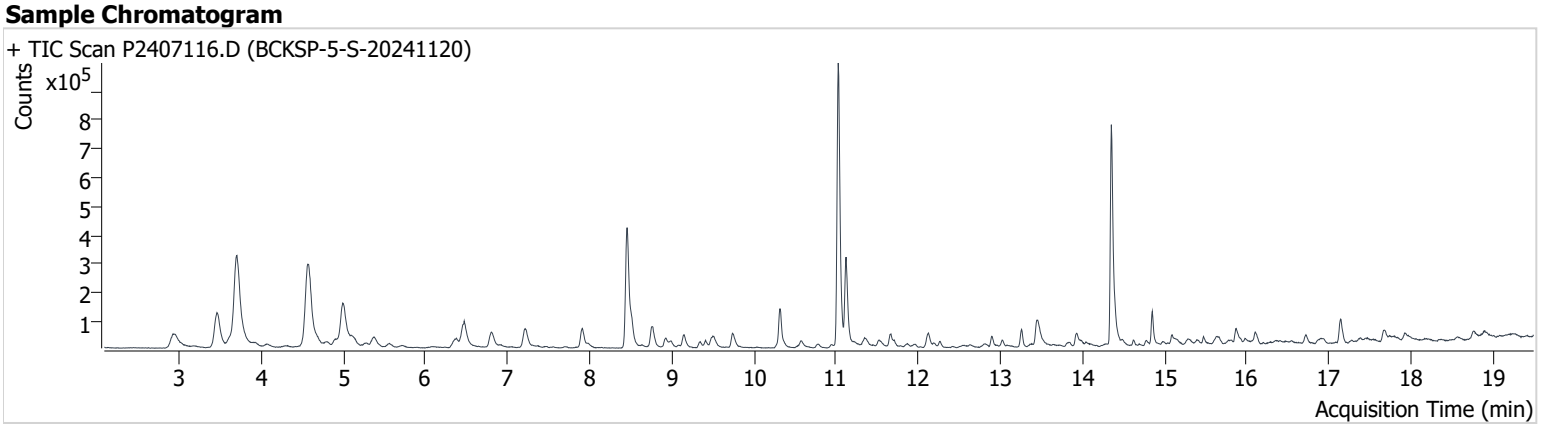
o-Xylene


+ EIC (91.1) Scan P2407115.D
Counts
x10^4
3.5
3
2.5
2
1.5
1
0.5
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.887-14.094 min, 35 scans) P2407115.D
Lib Match Score=68.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

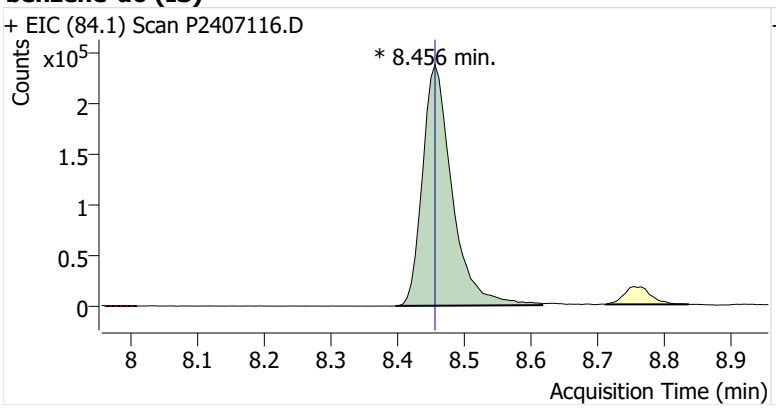
Name	BCKSP-5-S-20241120
Comment	C35814
Data File	P2407116.D
Acq. Date-Time	12/10/2024 7:32:23 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

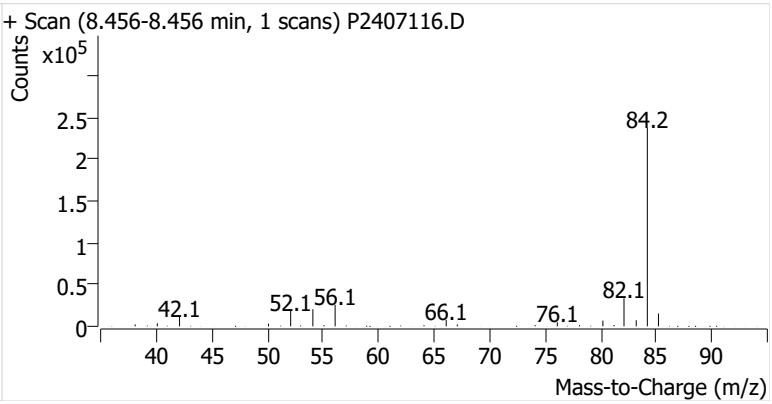
Sample Chromatogram



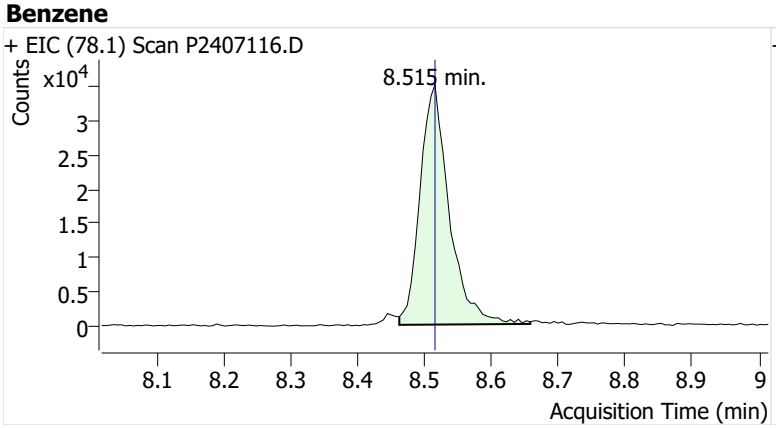
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	730,668	m
Benzene	benzene-d6 (IS)	8.515	8.515	106,390	
Toluene-d8 (IS)		11.026	11.032	1,037,011	
Toluene	Toluene-d8 (IS)	11.121	11.121	329,453	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	58,446	
m-/p-Xylenes	Toluene-d8 (IS)	13.453	13.459	149,463	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	57,795	

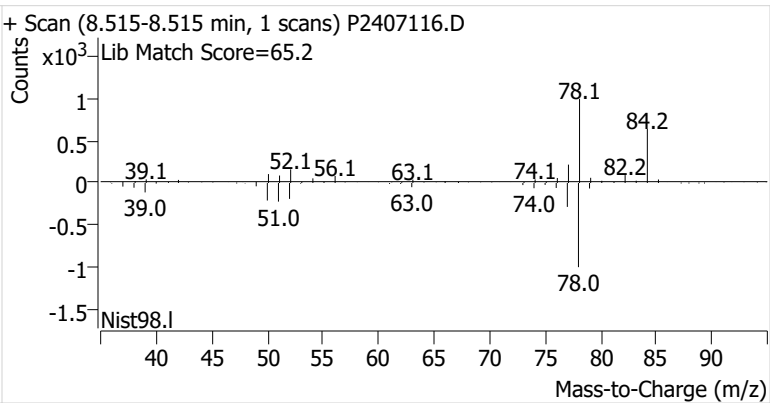
benzene-d6 (IS)



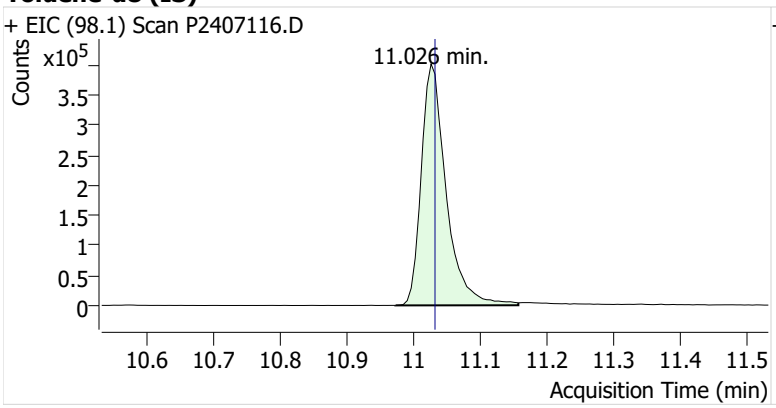


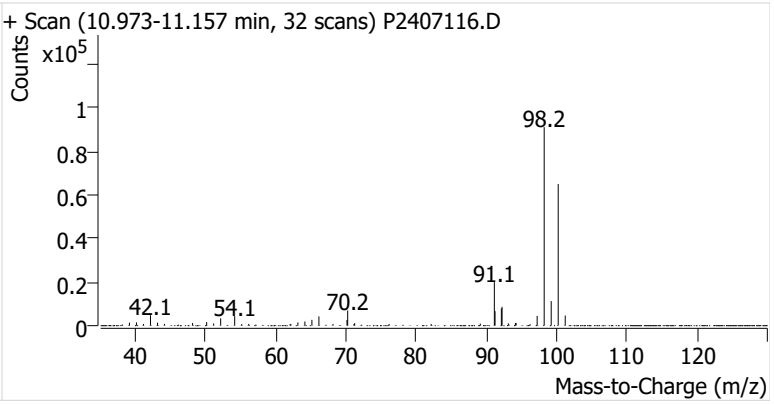
Benzene



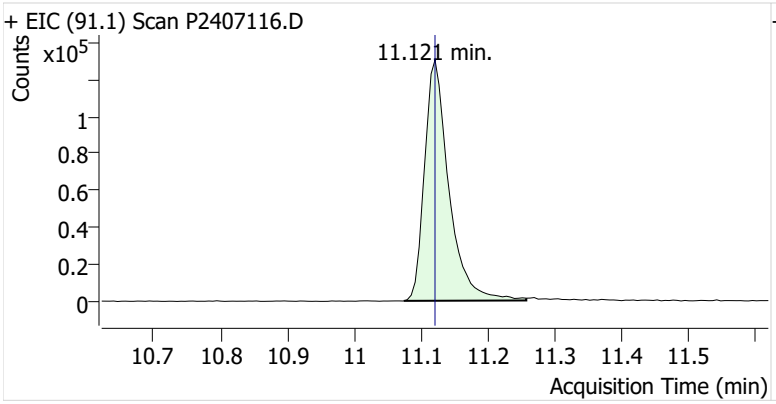


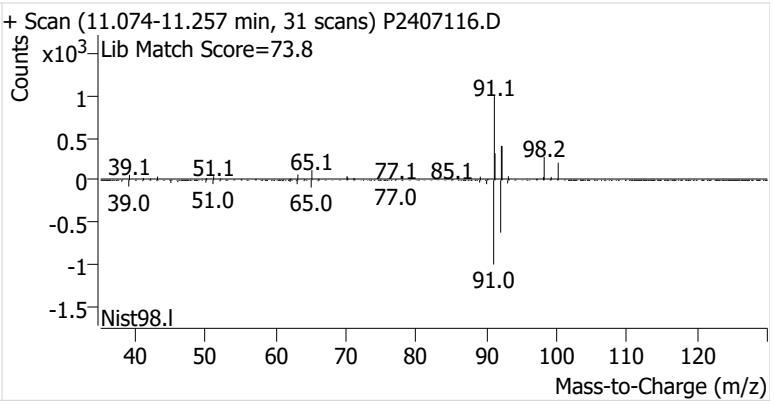
Toluene-d8 (IS)



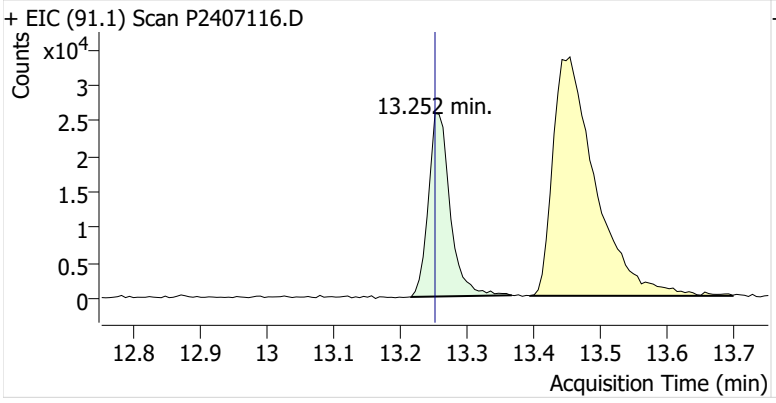


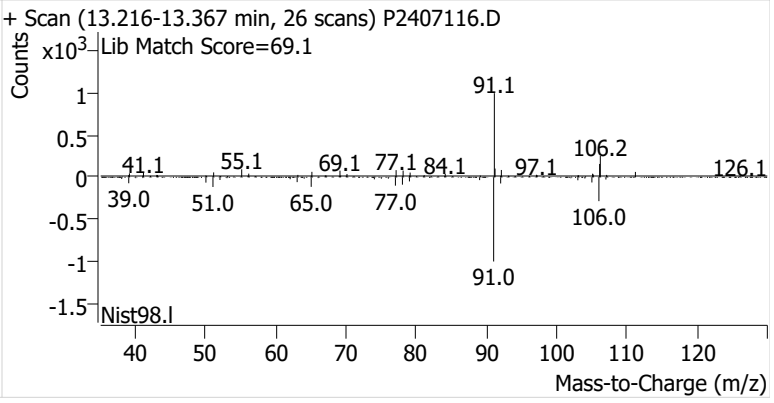
Toluene



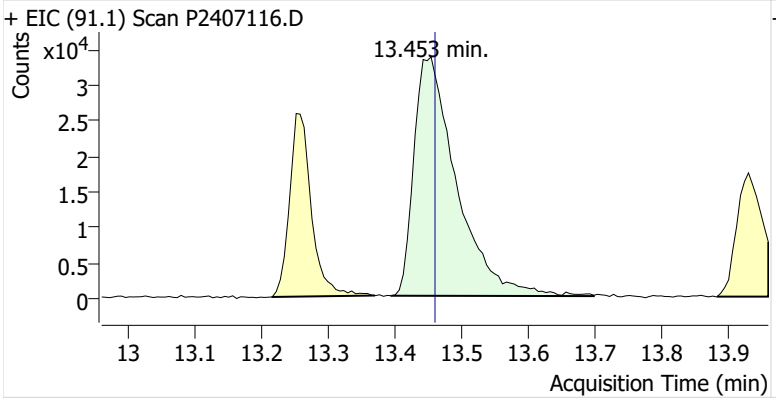


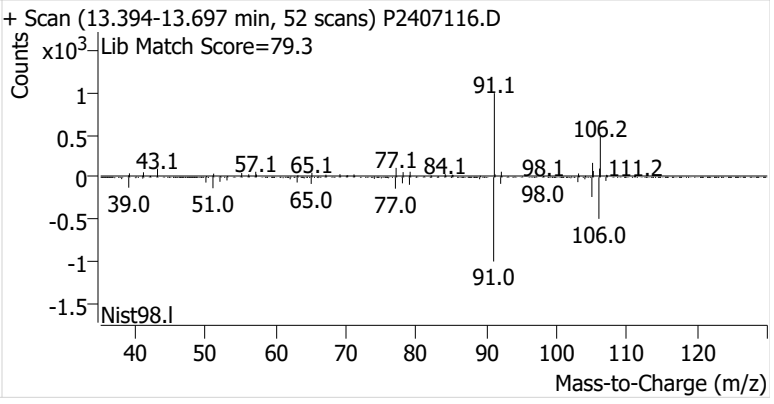
Ethylbenzene



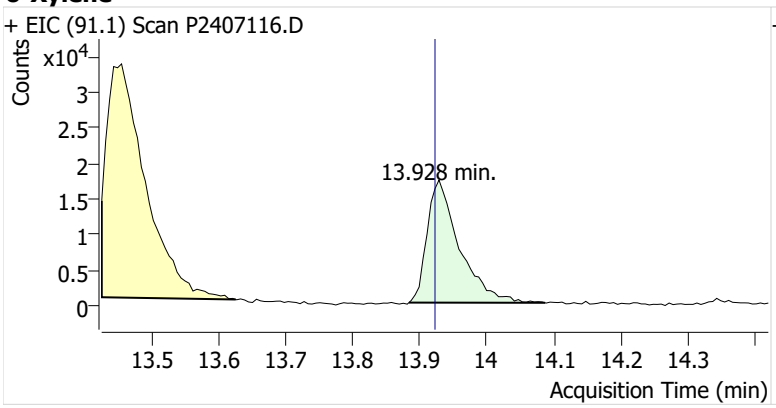


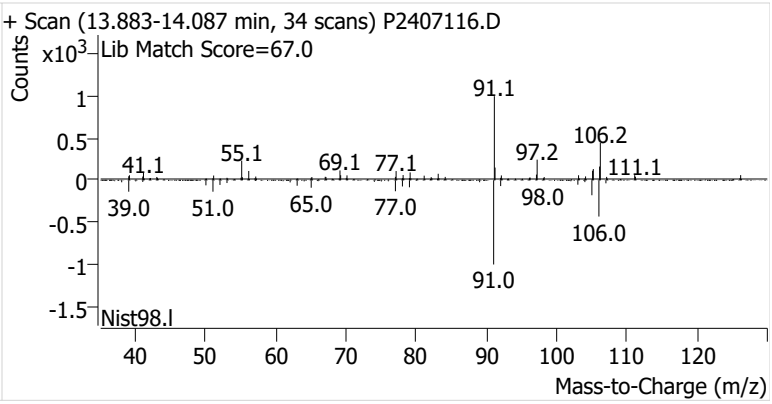
m-/p-Xylenes





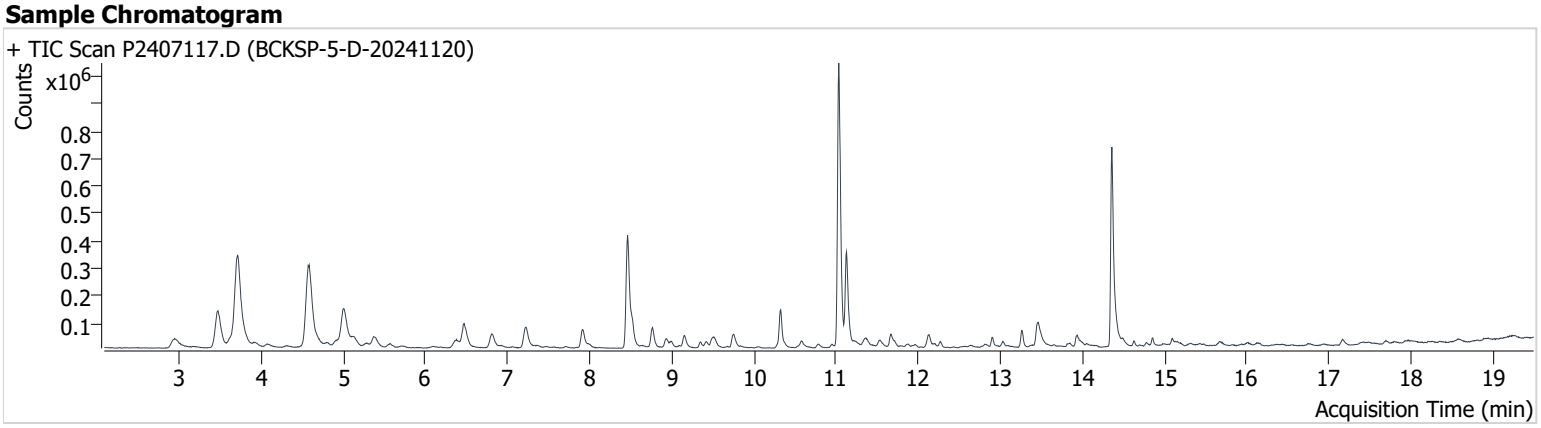
o-Xylene


+ EIC (91.1) Scan P2407116.D
Counts
x10^4
3
2.5
2
1.5
1
0.5
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.883-14.087 min, 34 scans) P2407116.D
Counts
x10^3
Lib Match Score=67.0
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
41.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

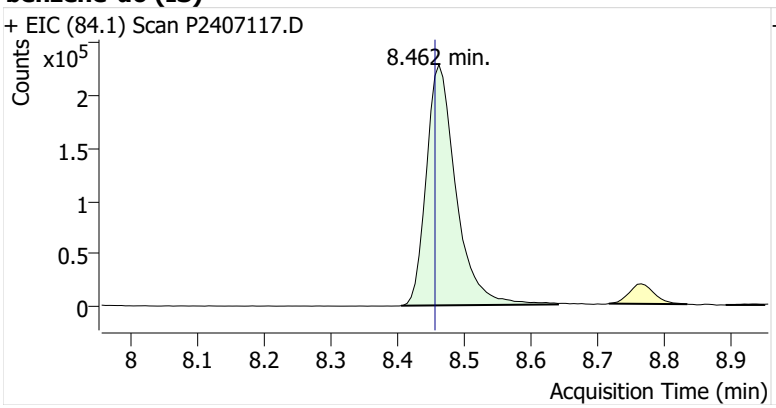
Name	BCKSP-5-D-20241120
Comment	B21461
Data File	P2407117.D
Acq. Date-Time	12/10/2024 8:10:10 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

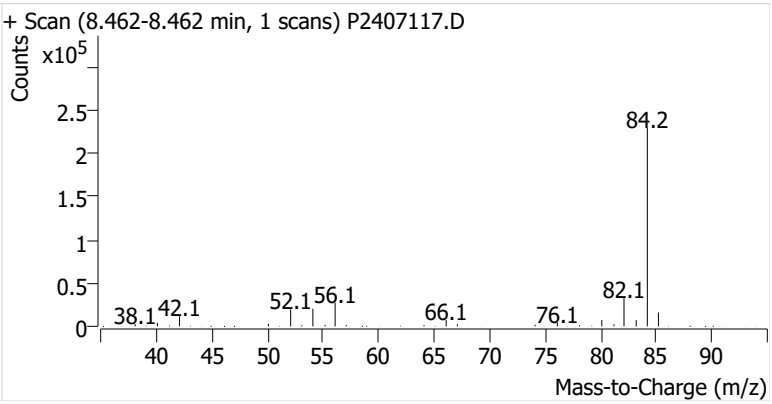
Sample Chromatogram



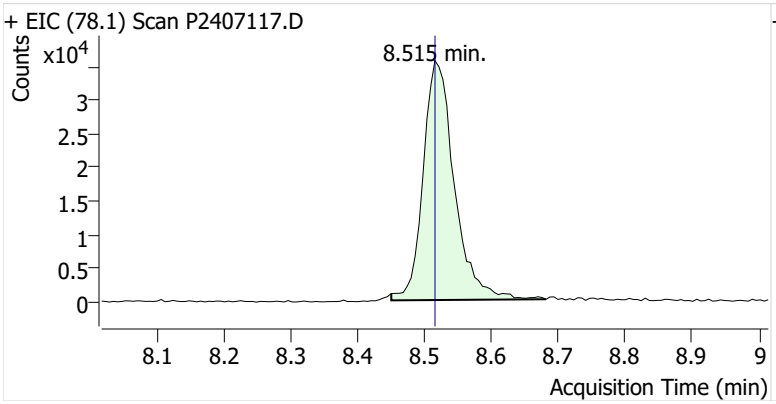
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	705,400	
Benzene	benzene-d6 (IS)	8.515	8.515	115,397	
Toluene-d8 (IS)		11.032	11.032	1,133,616	
Toluene	Toluene-d8 (IS)	11.127	11.121	364,745	
Ethylbenzene	Toluene-d8 (IS)	13.263	13.252	61,117	
m-/p-Xylenes	Toluene-d8 (IS)	13.459	13.459	141,547	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	57,562	

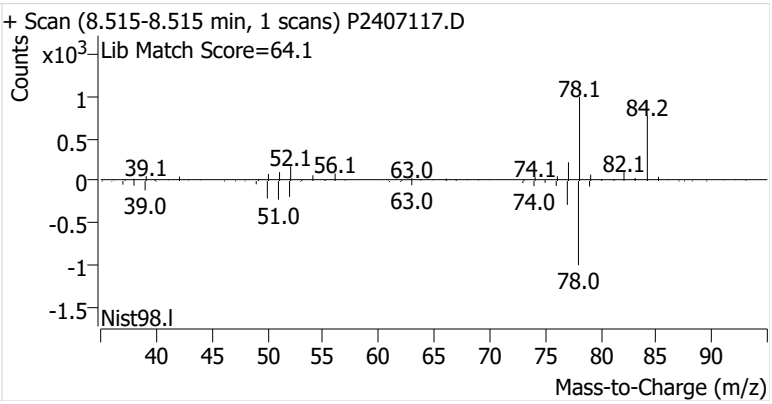
benzene-d6 (IS)



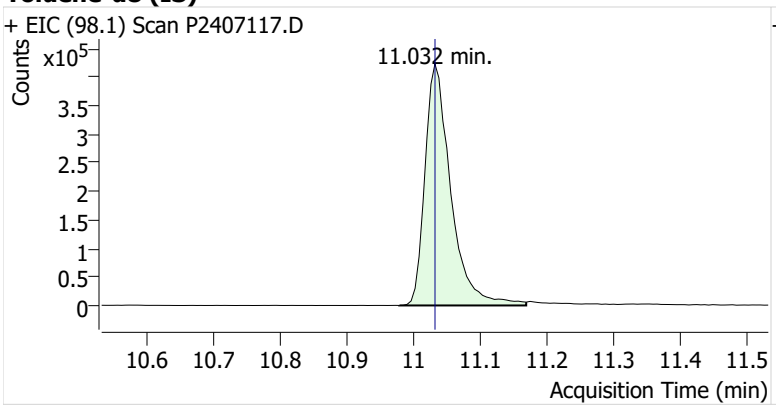


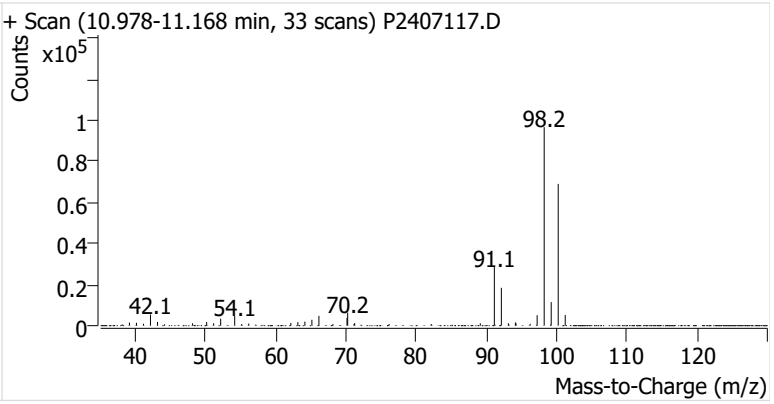
Benzene



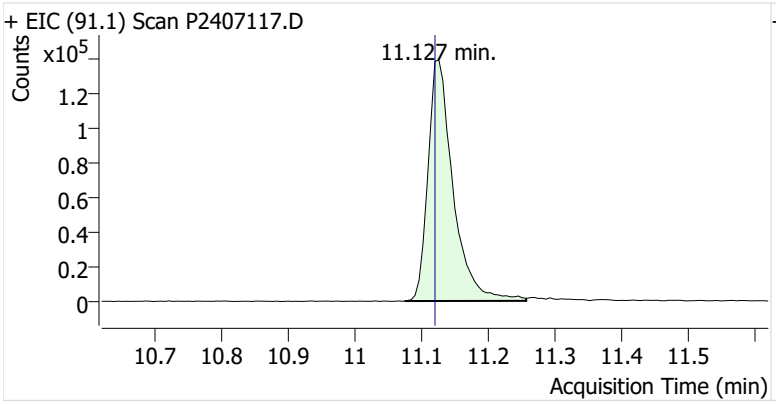


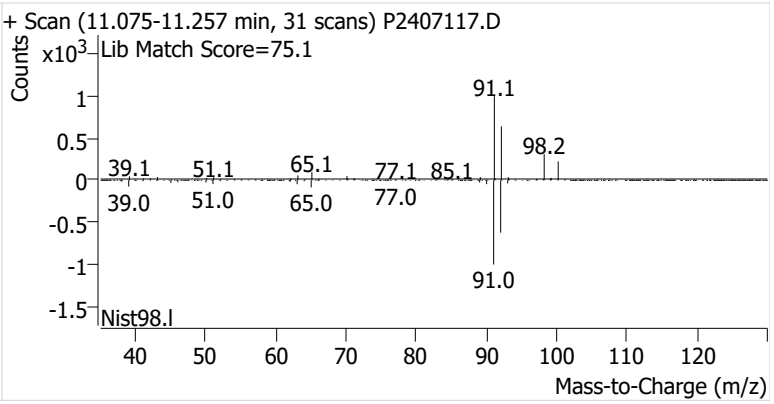
Toluene-d8 (IS)



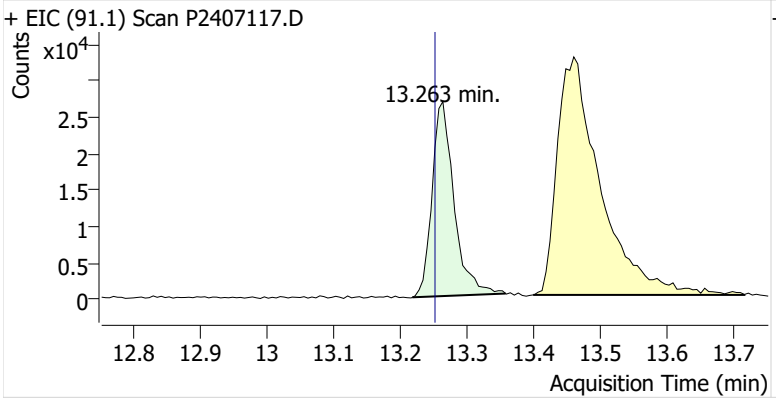


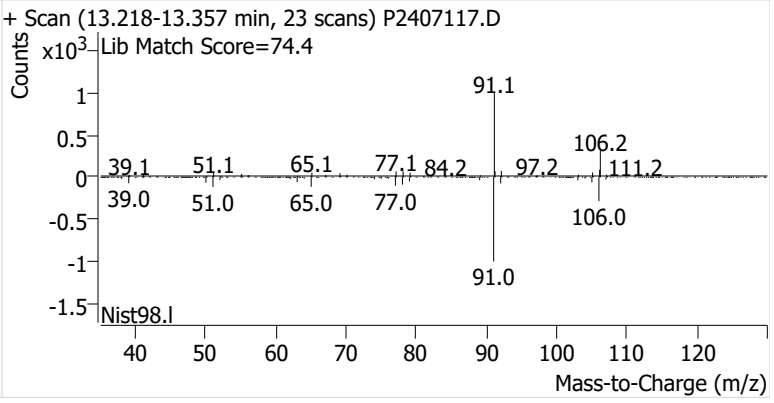
Toluene



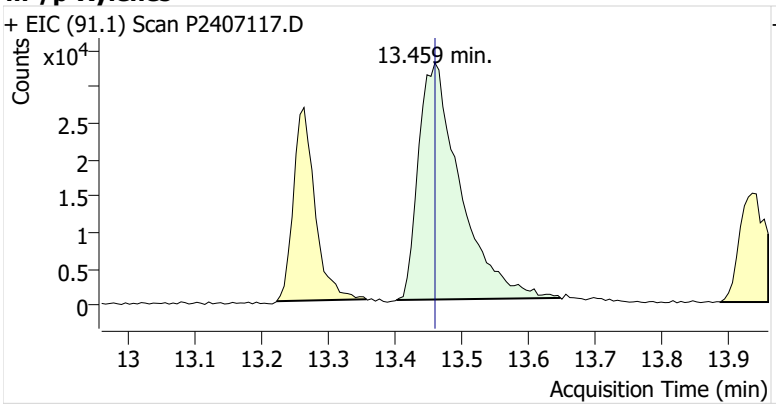


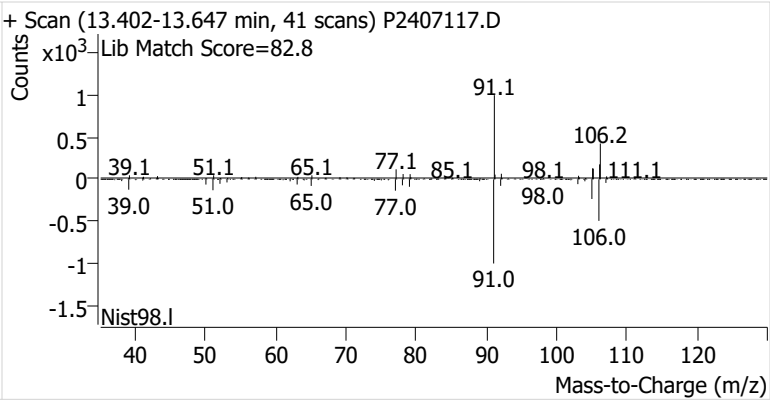
Ethylbenzene



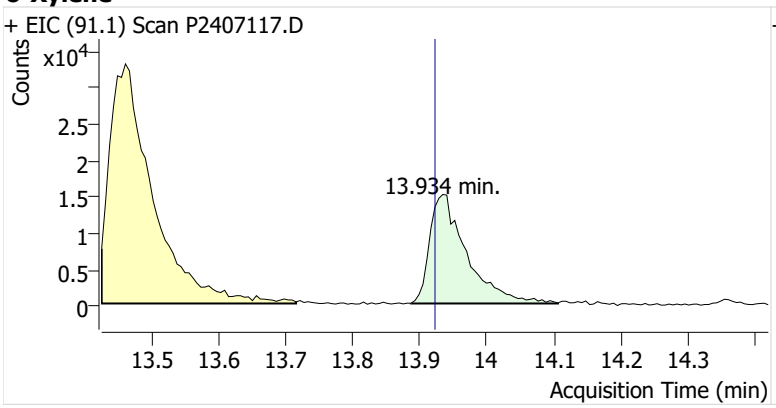


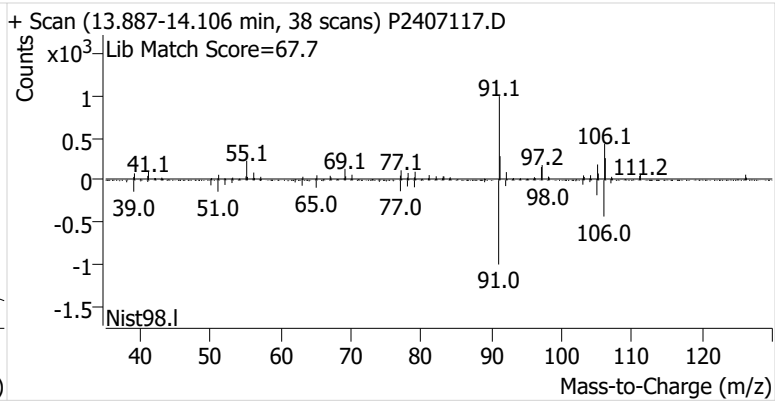
m-/p-Xylenes





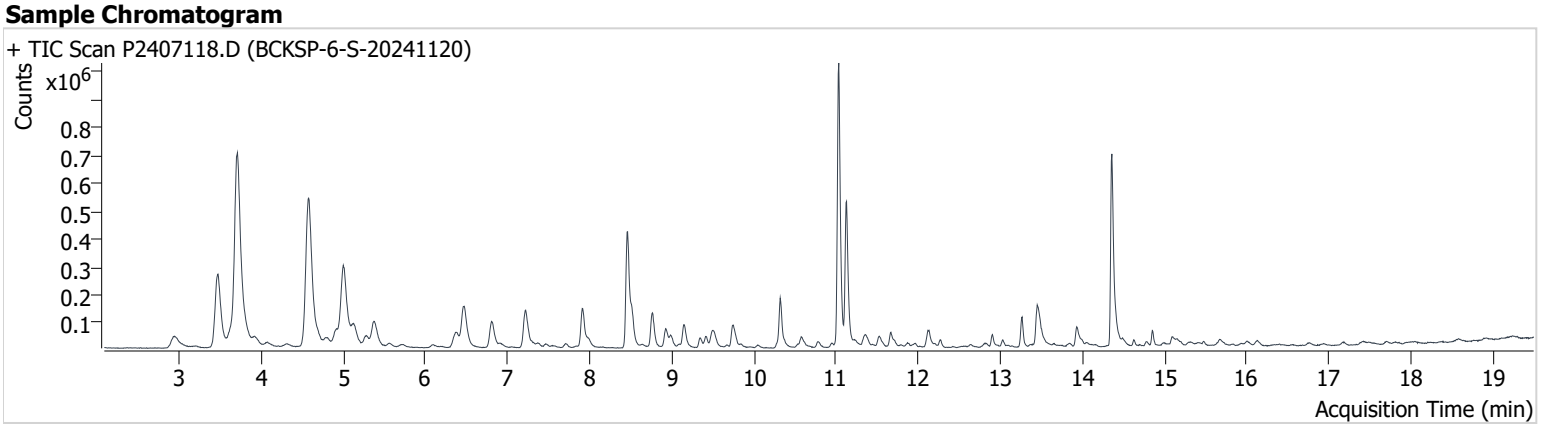
o-Xylene


+ EIC (91.1) Scan P2407117.D
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.934 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.887-14.106 min, 38 scans) P2407117.D
Lib Match Score=67.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

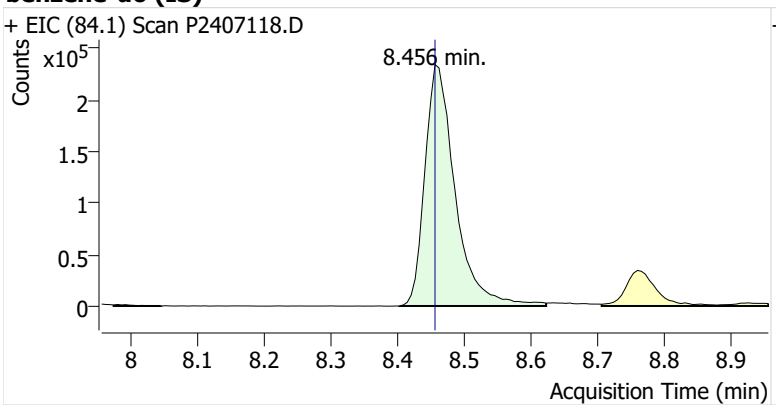
Name	BCKSP-6-S-20241120
Comment	B27847
Data File	P2407118.D
Acq. Date-Time	12/10/2024 8:47:59 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

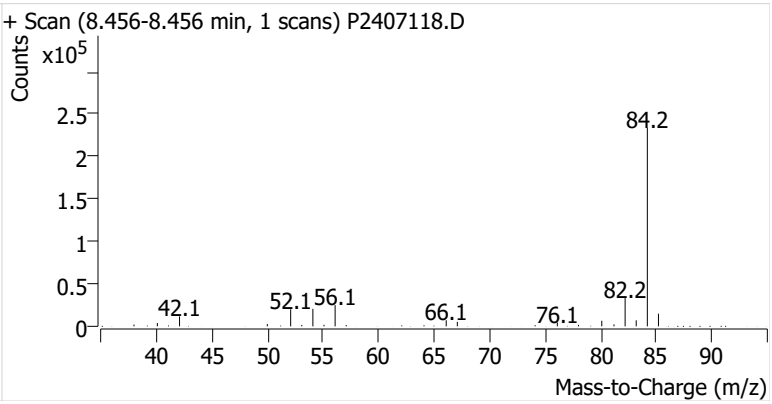
Sample Chromatogram



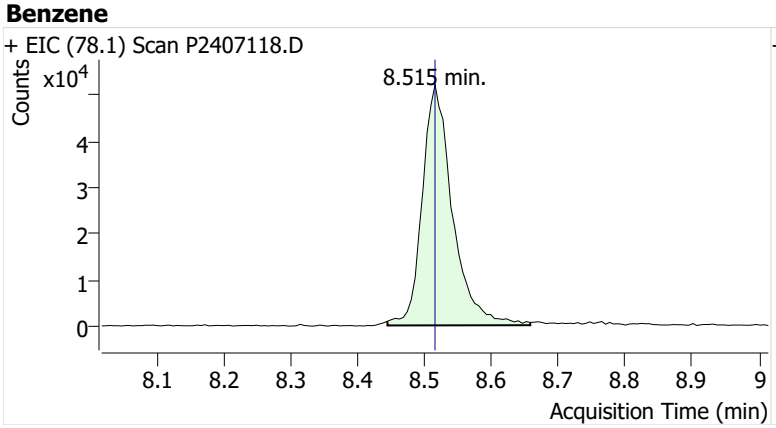
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	734,417	
Benzene	benzene-d6 (IS)	8.515	8.515	164,066	
Toluene-d8 (IS)		11.032	11.032	1,055,108	
Toluene	Toluene-d8 (IS)	11.121	11.121	577,813	
Ethylbenzene	Toluene-d8 (IS)	13.264	13.252	107,666	
m-/p-Xylenes	Toluene-d8 (IS)	13.448	13.459	237,238	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	92,052	

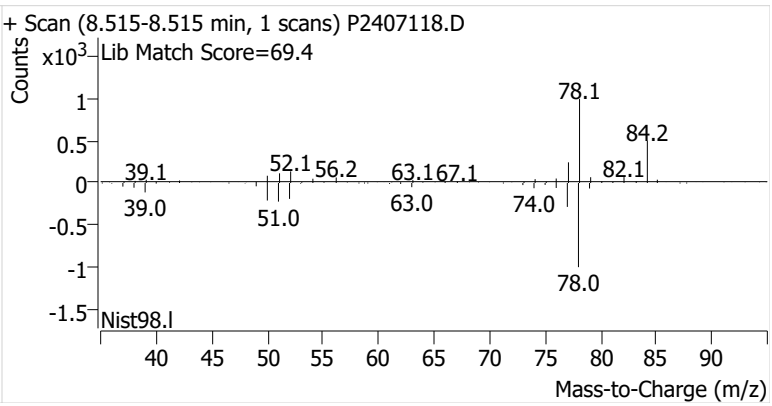
benzene-d6 (IS)



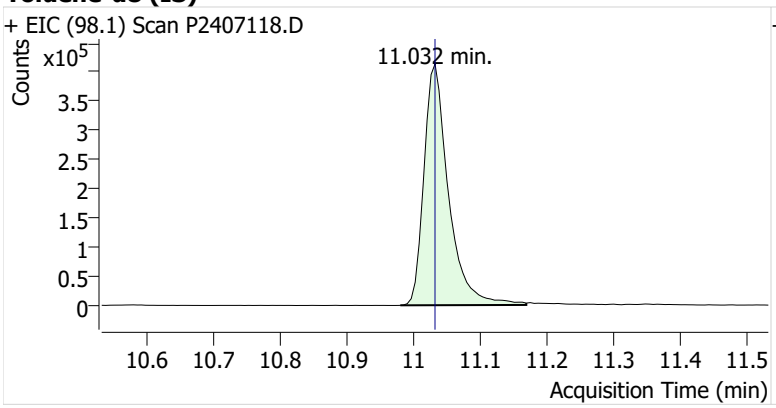


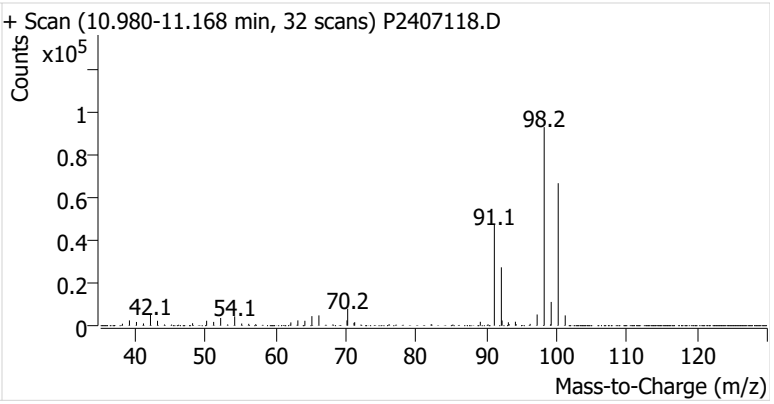
Benzene



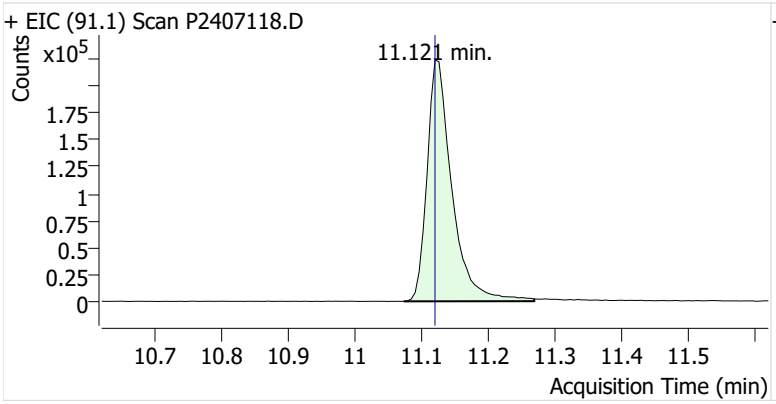


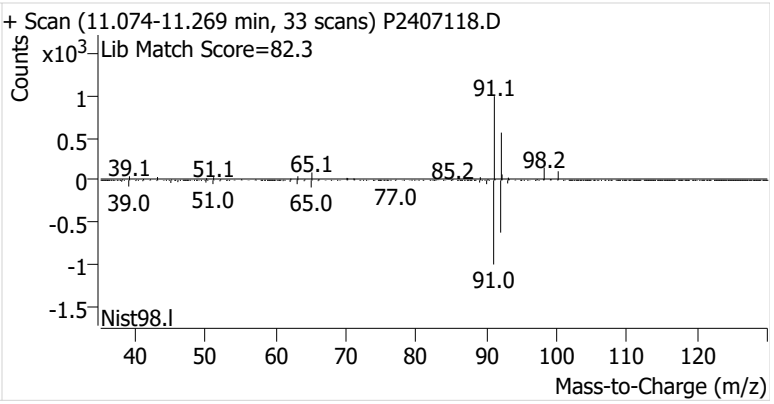
Toluene-d8 (IS)



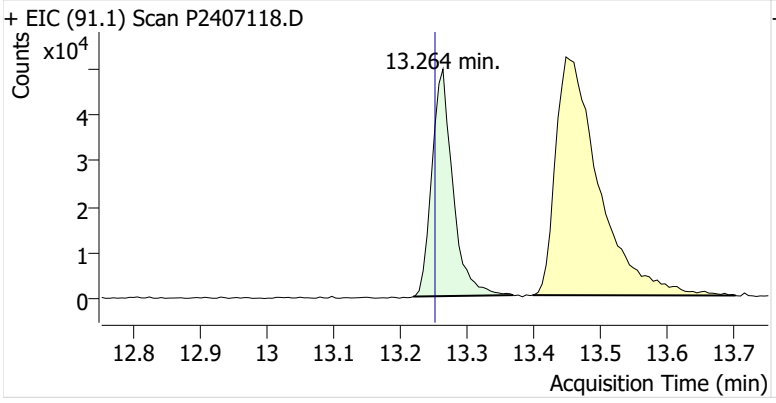


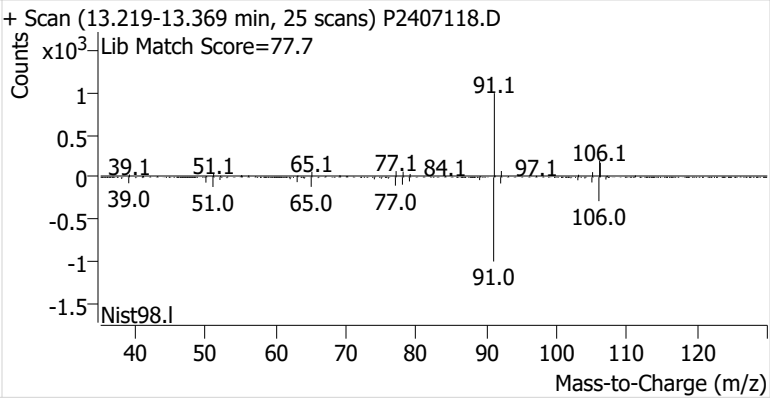
Toluene



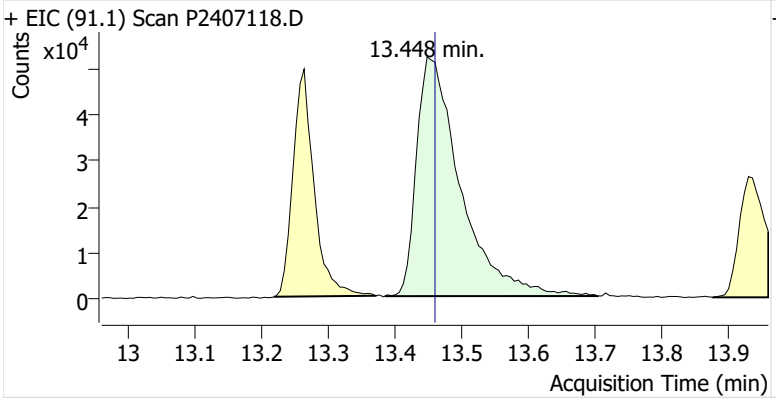


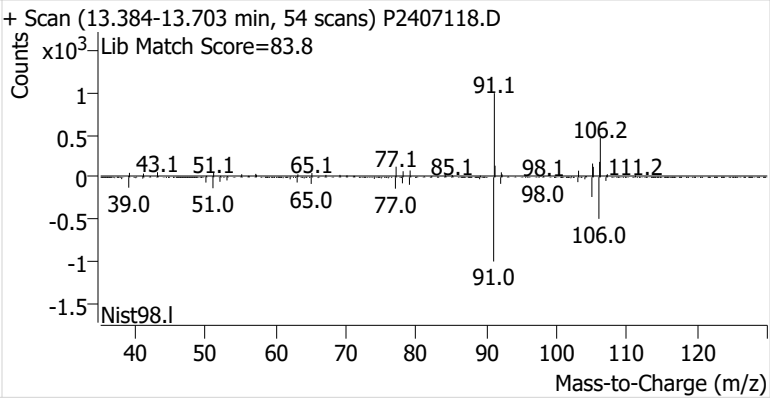
Ethylbenzene



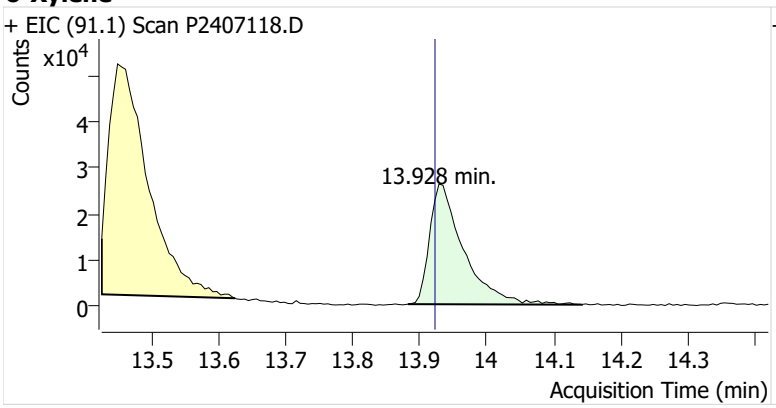


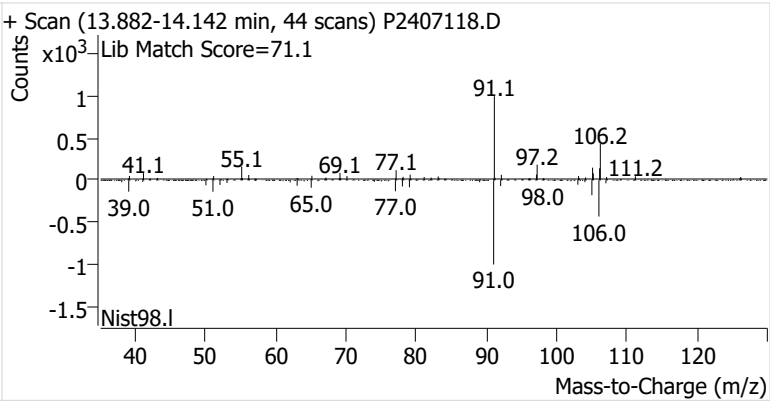
m-/p-Xylenes





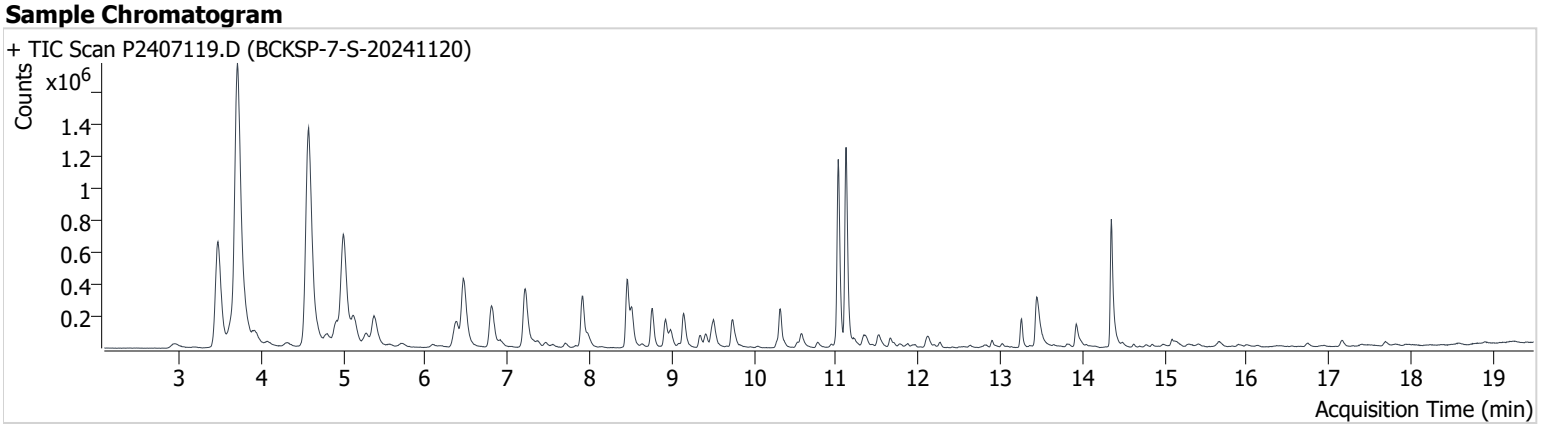
o-Xylene


+ EIC (91.1) Scan P2407118.D
Counts
x10^4
4
3
2
1
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.882-14.142 min, 44 scans) P2407118.D
Counts
x10^3
Lib Match Score=71.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
41.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

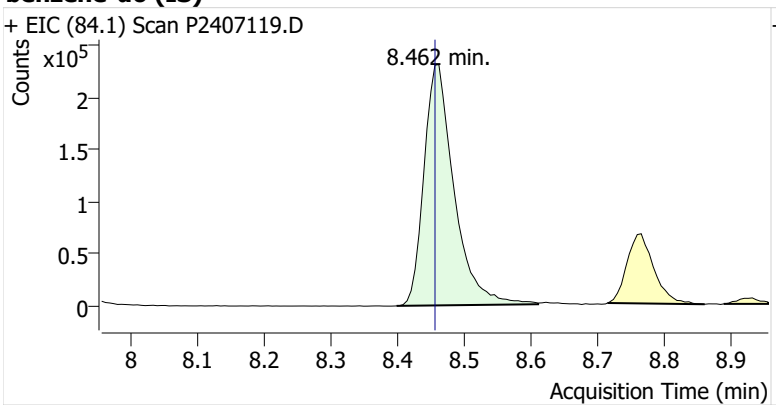
Name	BCKSP-7-S-20241120
Comment	B46975
Data File	P2407119.D
Acq. Date-Time	12/10/2024 9:25:13 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

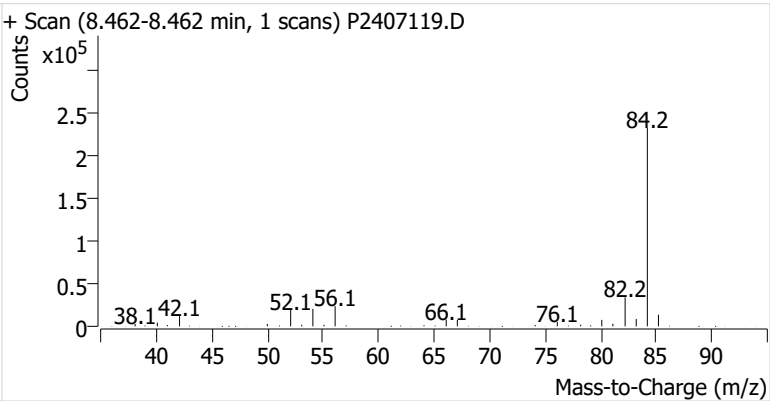
Sample Chromatogram



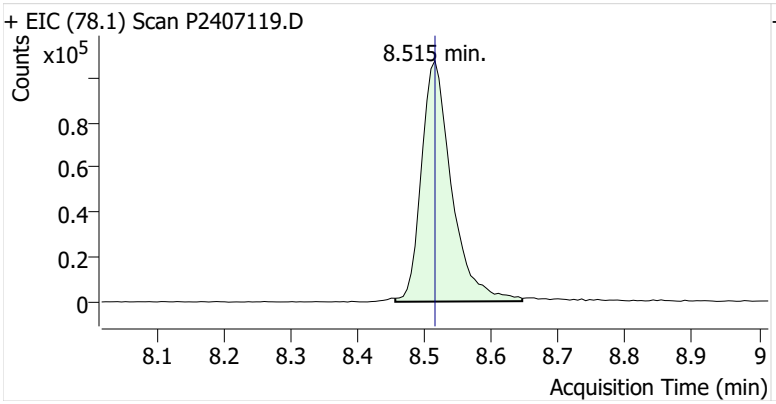
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	724,233	
Benzene	benzene-d6 (IS)	8.515	8.515	337,231	
Toluene-d8 (IS)		11.026	11.032	1,176,251	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,355,659	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	188,199	
m-/p-Xylenes	Toluene-d8 (IS)	13.441	13.459	485,430	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	178,827	

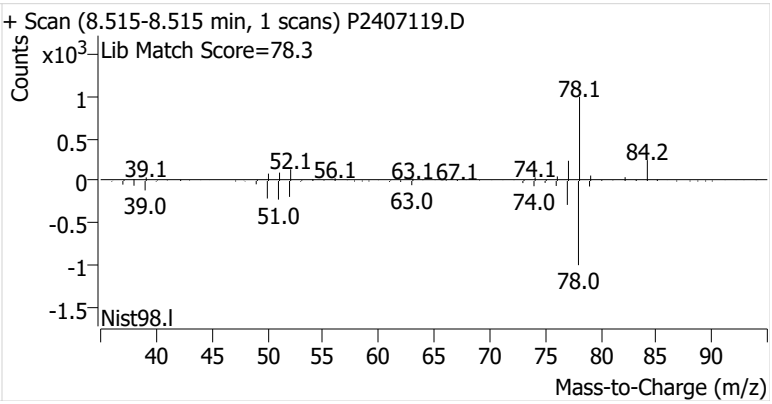
benzene-d6 (IS)



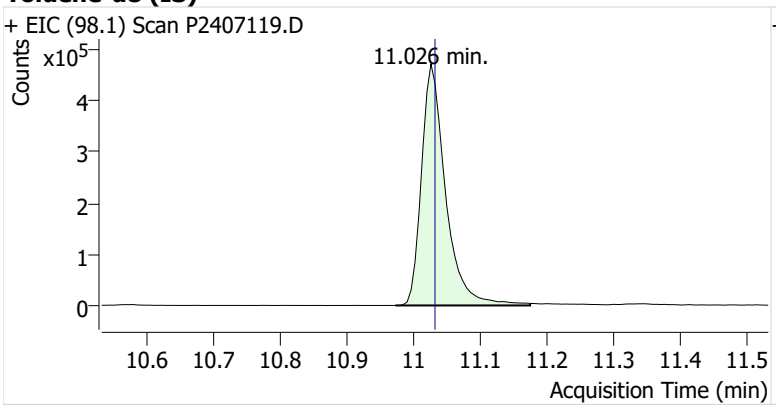


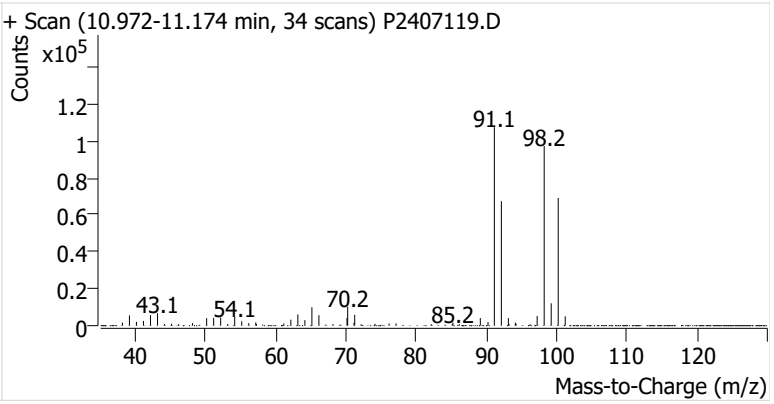
Benzene



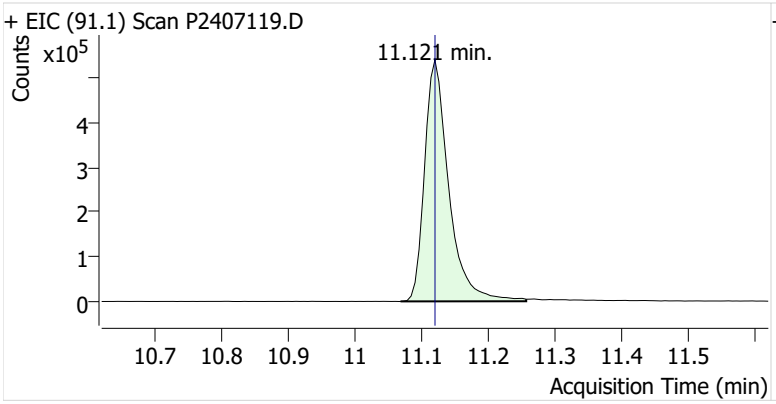


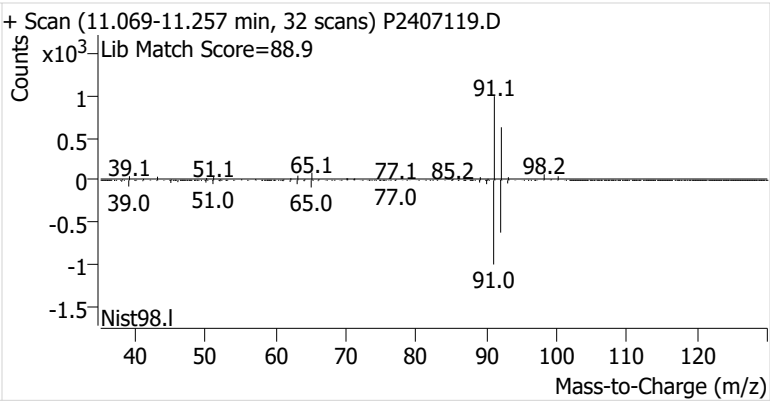
Toluene-d8 (IS)



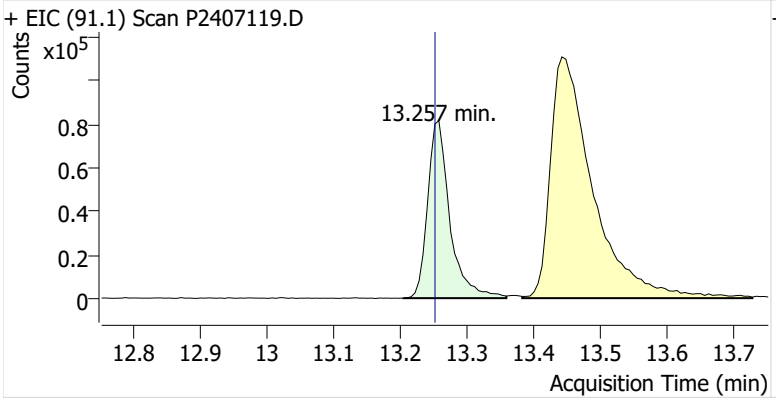


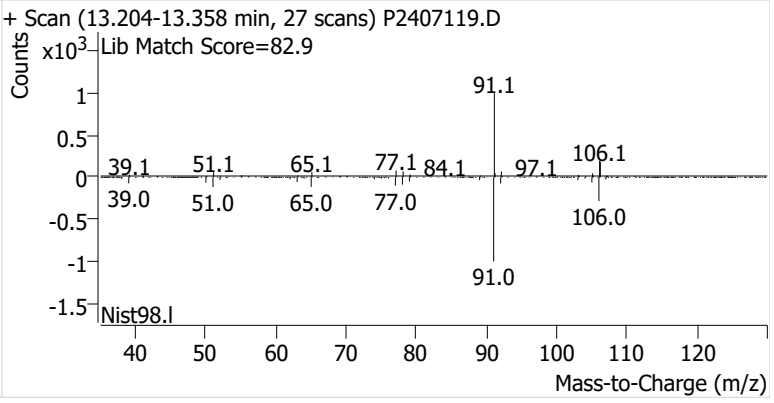
Toluene



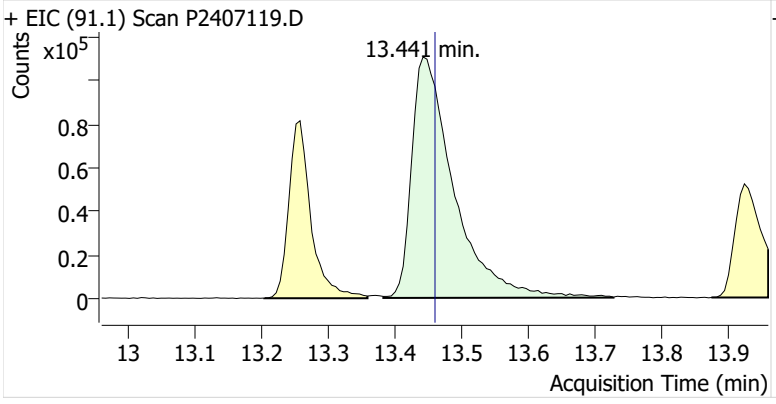


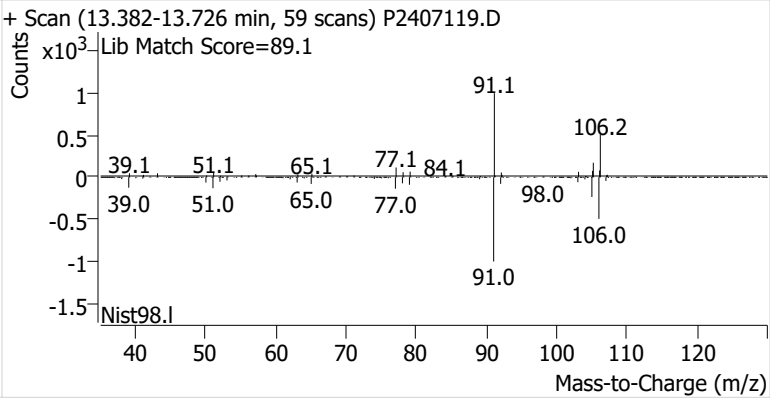
Ethylbenzene



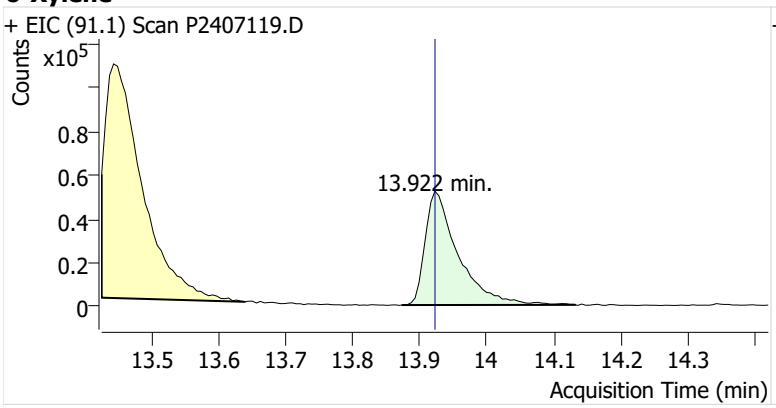


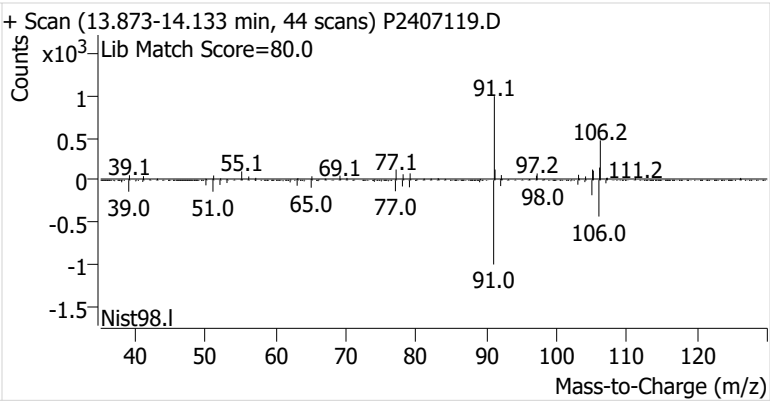
m-/p-Xylenes





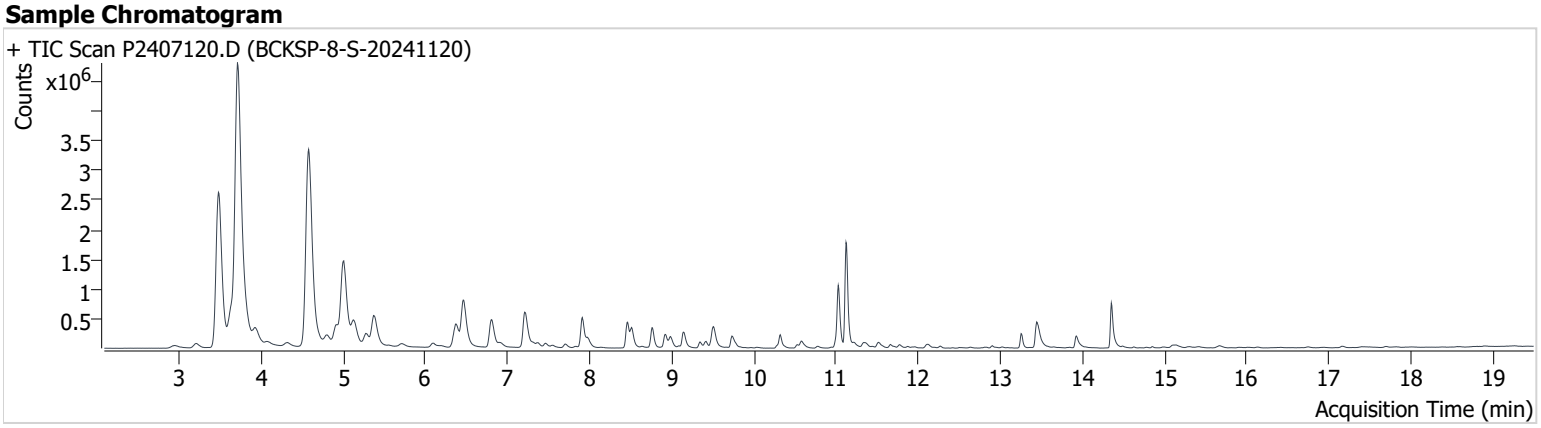
o-Xylene


+ EIC (91.1) Scan P2407119.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.922 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.873-14.133 min, 44 scans) P2407119.D
Counts
x10^3
Lib Match Score=80.0
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

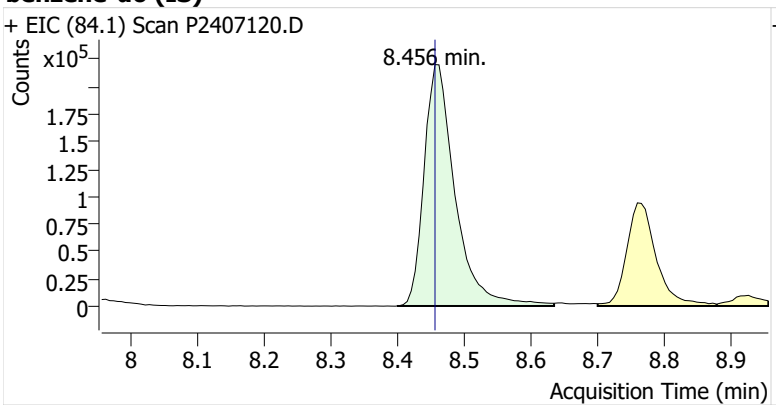
Name	BCKSP-8-S-20241120
Comment	B21005
Data File	P2407120.D
Acq. Date-Time	12/10/2024 10:03:02 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

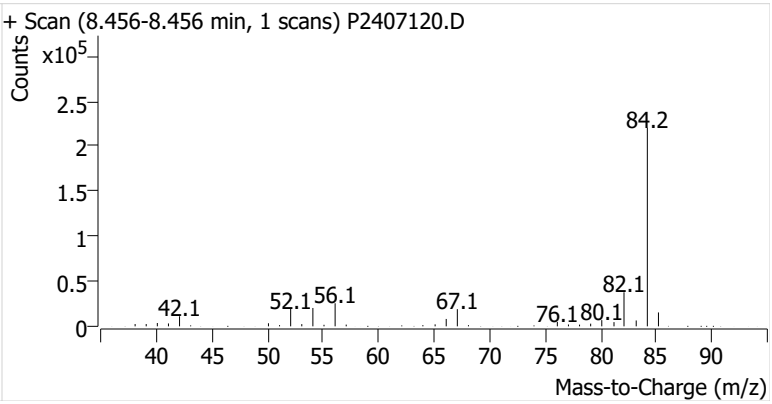
Sample Chromatogram



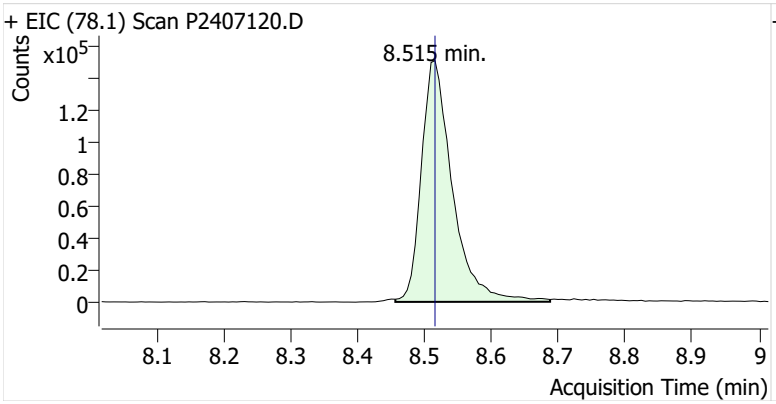
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	710,513	
Benzene	benzene-d6 (IS)	8.515	8.515	490,020	
Toluene-d8 (IS)		11.026	11.032	1,034,840	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,917,272	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	259,248	
m-/p-Xylenes	Toluene-d8 (IS)	13.442	13.459	659,565	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	254,325	

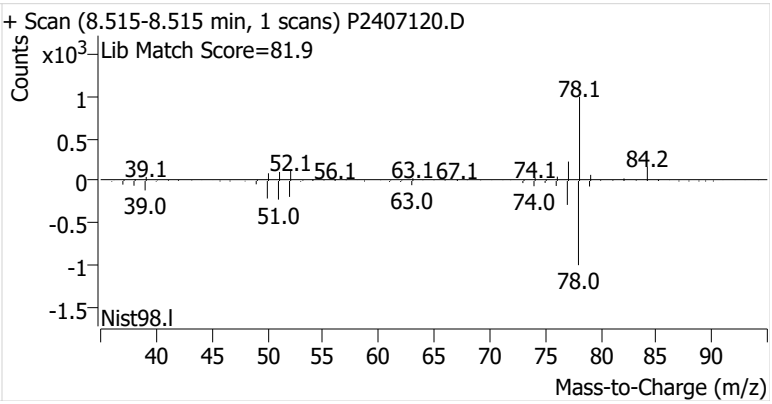
benzene-d6 (IS)



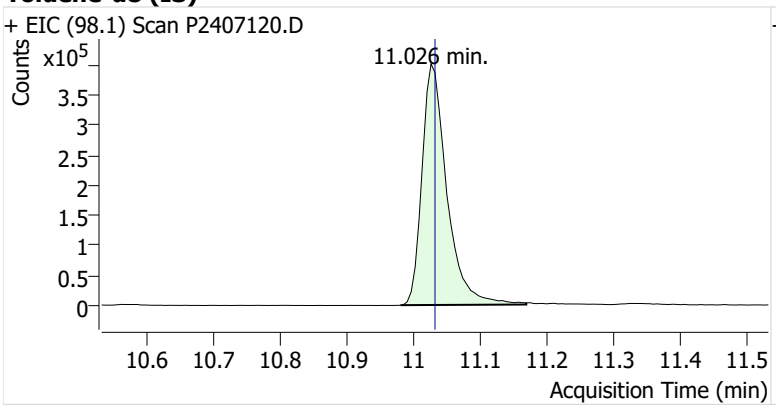


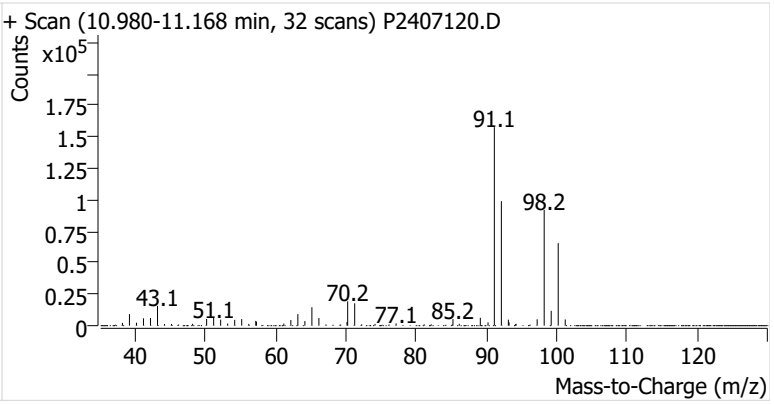
Benzene



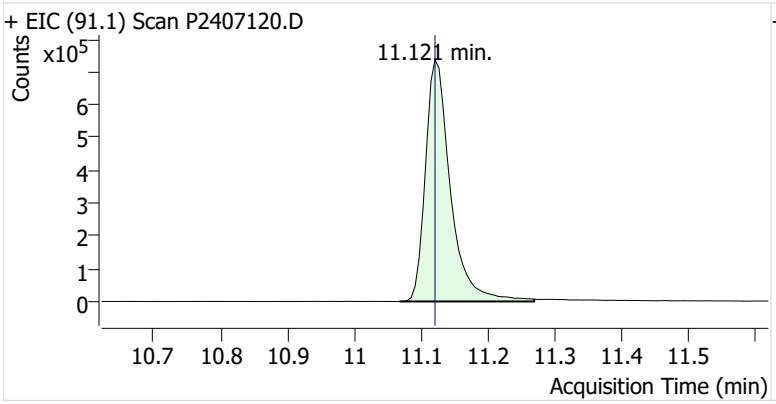


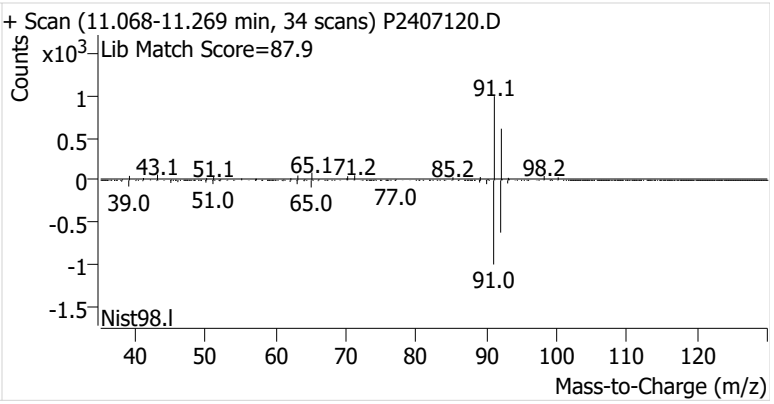
Toluene-d8 (IS)



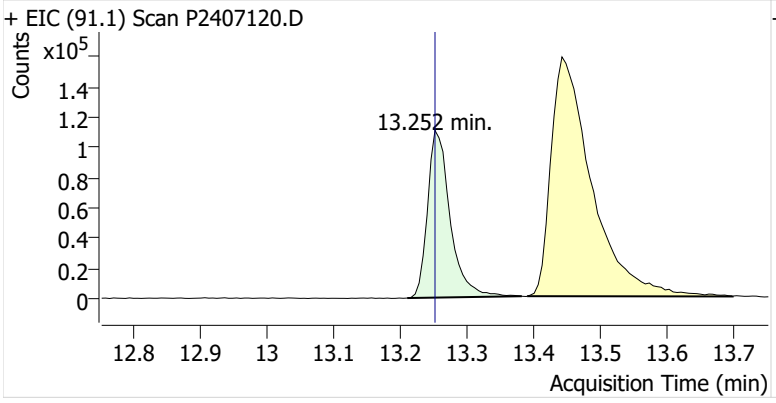


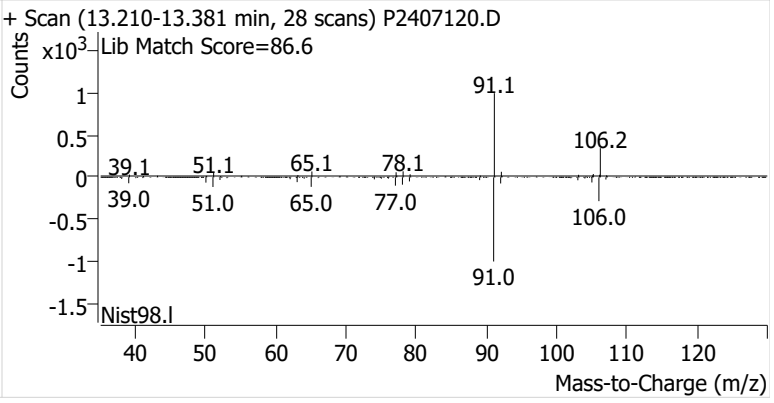
Toluene



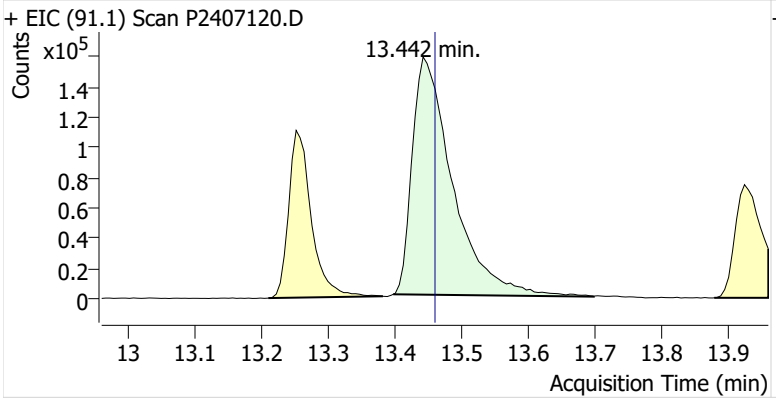


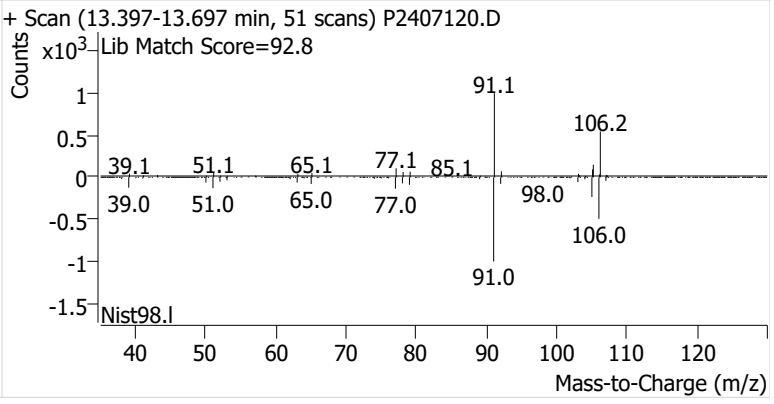
Ethylbenzene



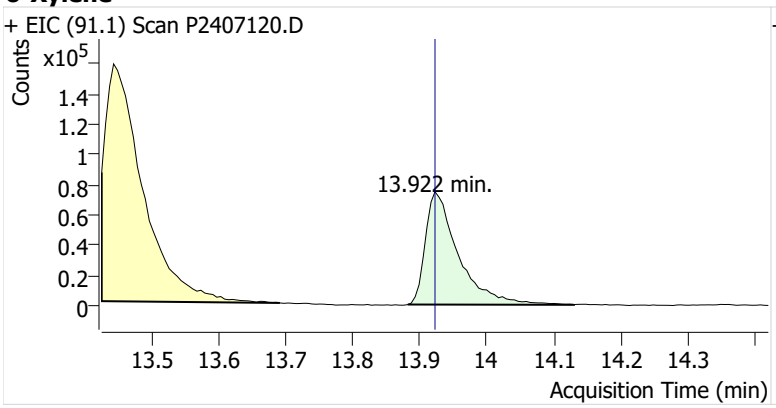


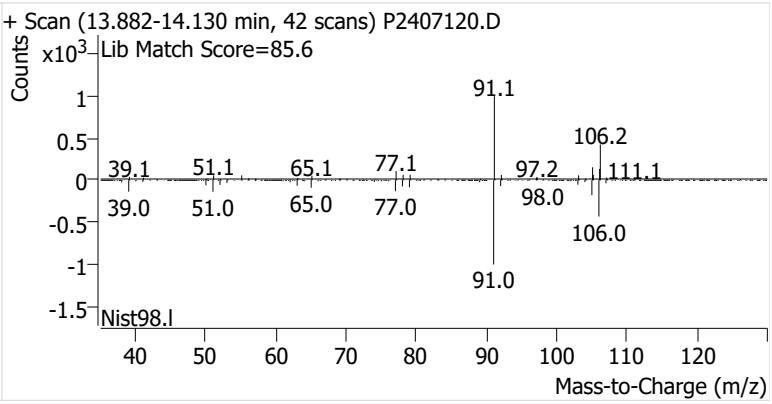
m-/p-Xylenes





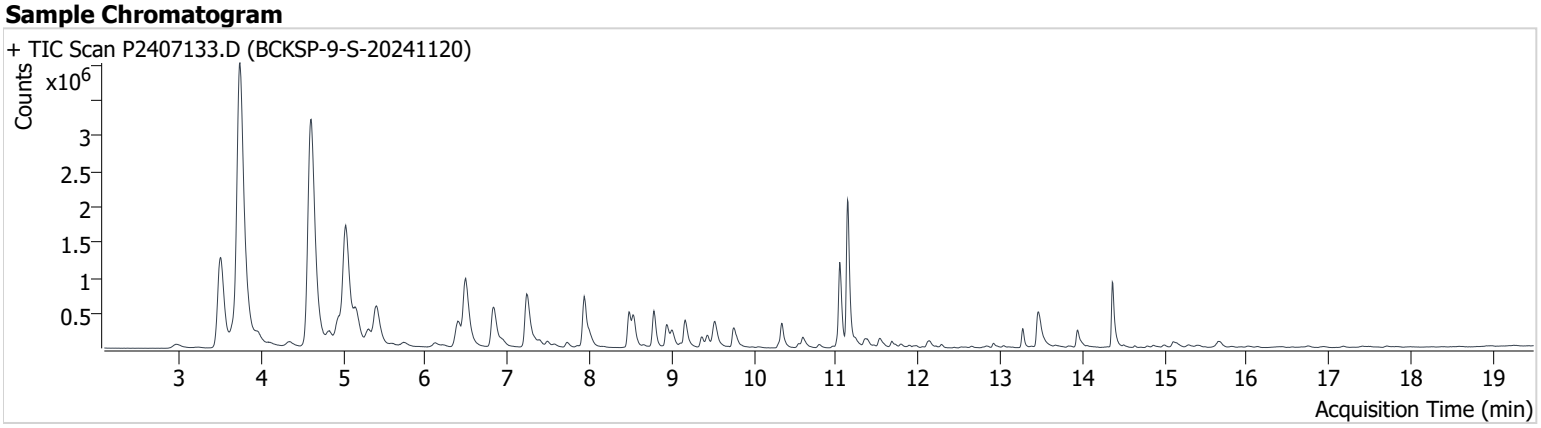
o-Xylene


+ EIC (91.1) Scan P2407120.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.882-14.130 min, 42 scans) P2407120.D
Counts
x10^3
Lib Match Score=85.6
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
51.1
65.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

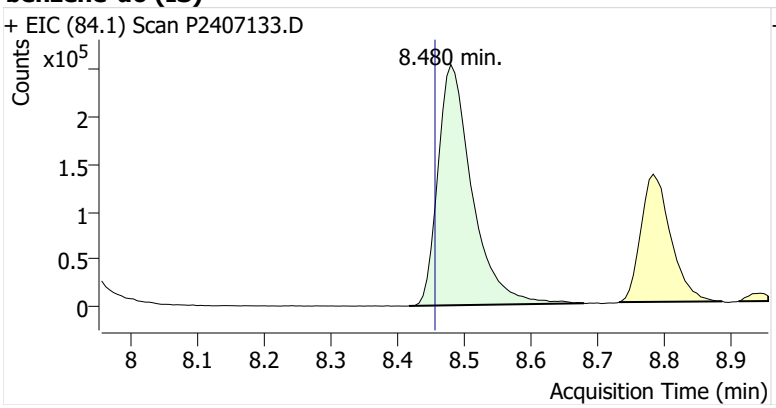
Name	BCKSP-9-S-20241120
Comment	C35886; Recollect
Data File	P2407133.D
Acq. Date-Time	12/11/2024 10:26:34 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

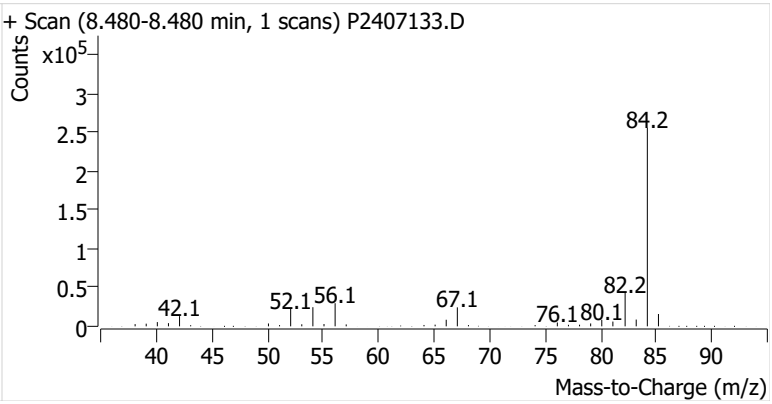
Sample Chromatogram



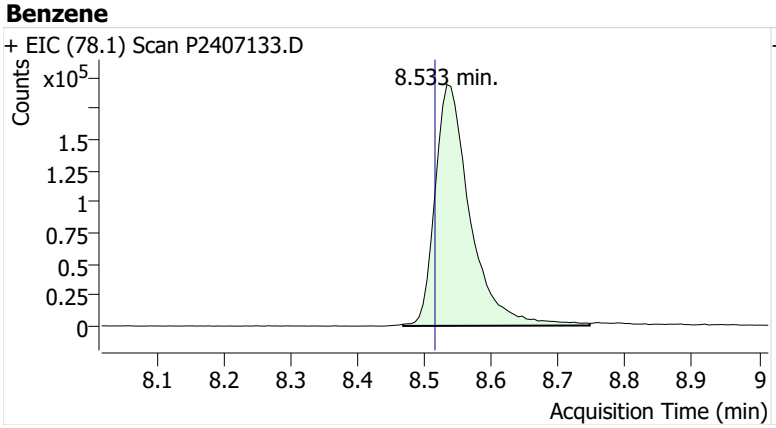
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.480	8.456	900,998	
Benzene	benzene-d6 (IS)	8.533	8.515	708,526	
Toluene-d8 (IS)		11.044	11.032	1,334,541	
Toluene	Toluene-d8 (IS)	11.139	11.121	2,523,123	
Ethylbenzene	Toluene-d8 (IS)	13.275	13.252	309,729	
m-/p-Xylenes	Toluene-d8 (IS)	13.459	13.459	844,660	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	312,652	

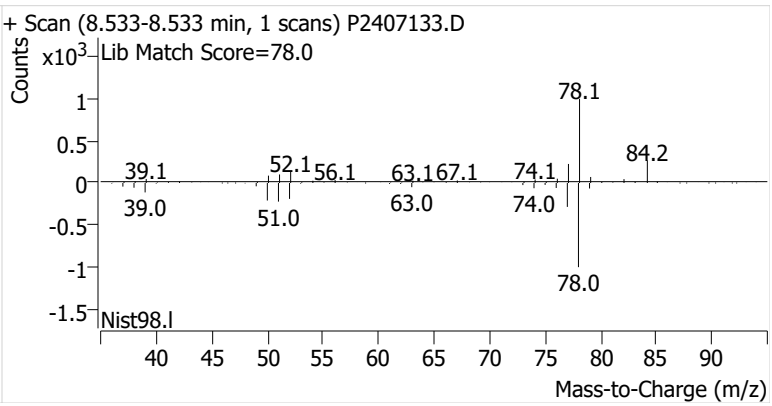
benzene-d6 (IS)



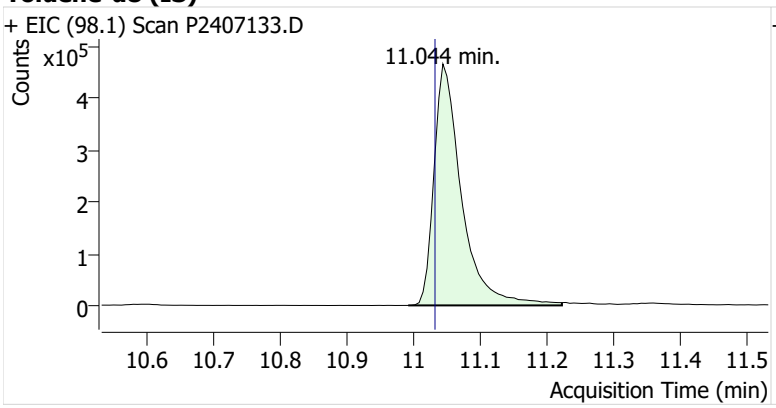


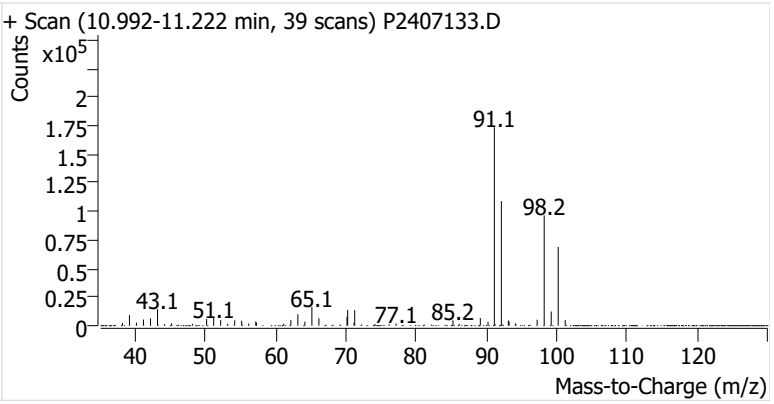
Benzene



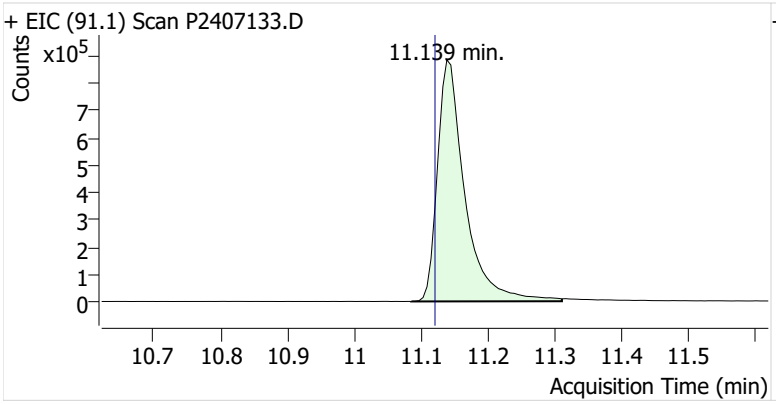


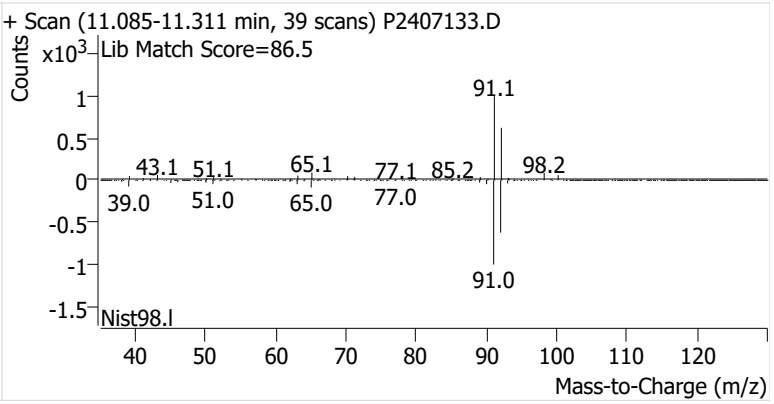
Toluene-d8 (IS)



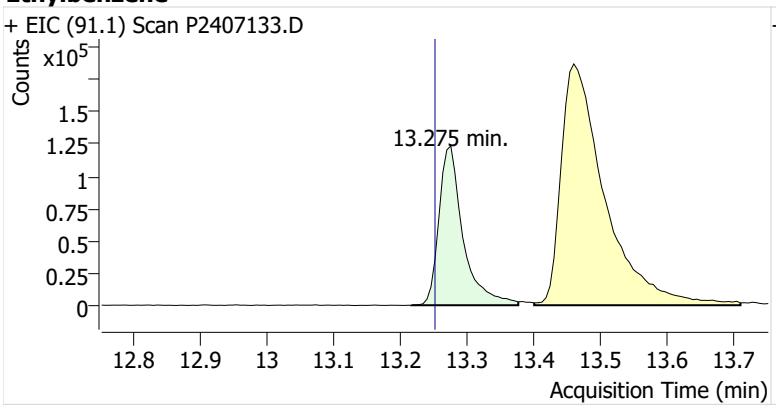


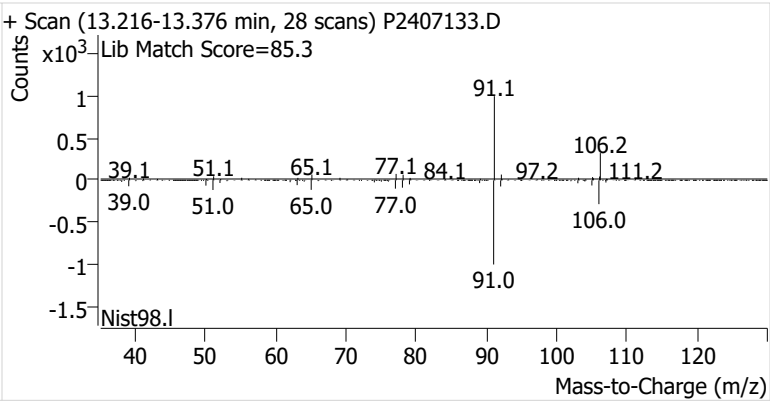
Toluene



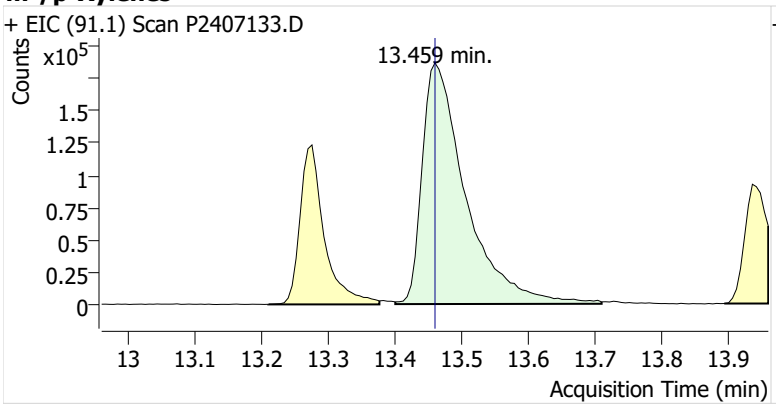


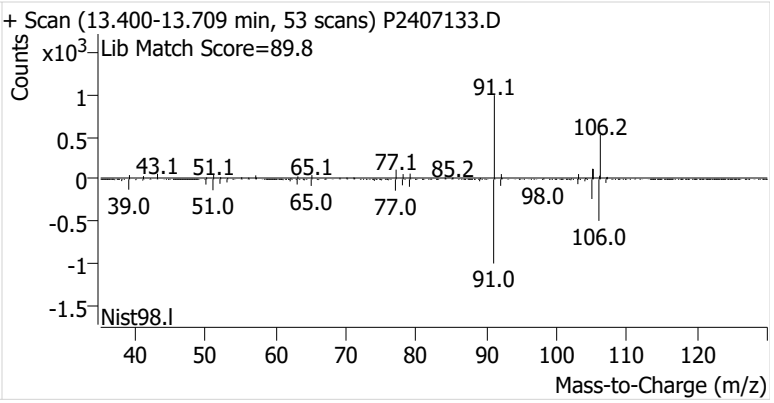
Ethylbenzene



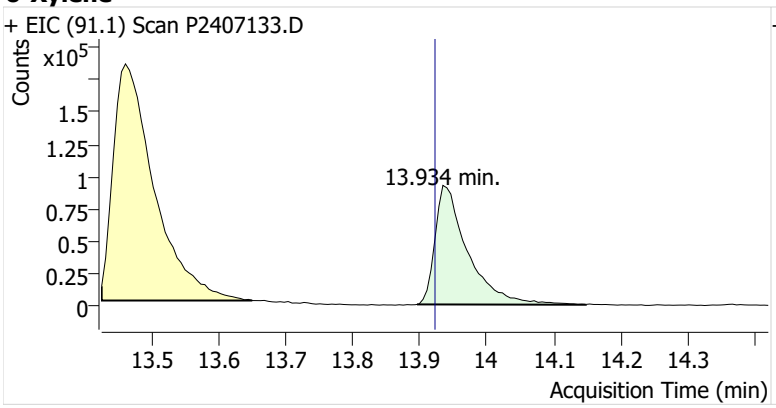


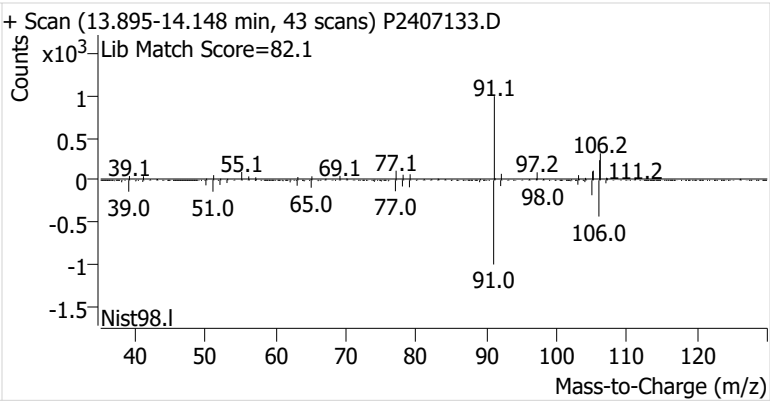
m-/p-Xylenes





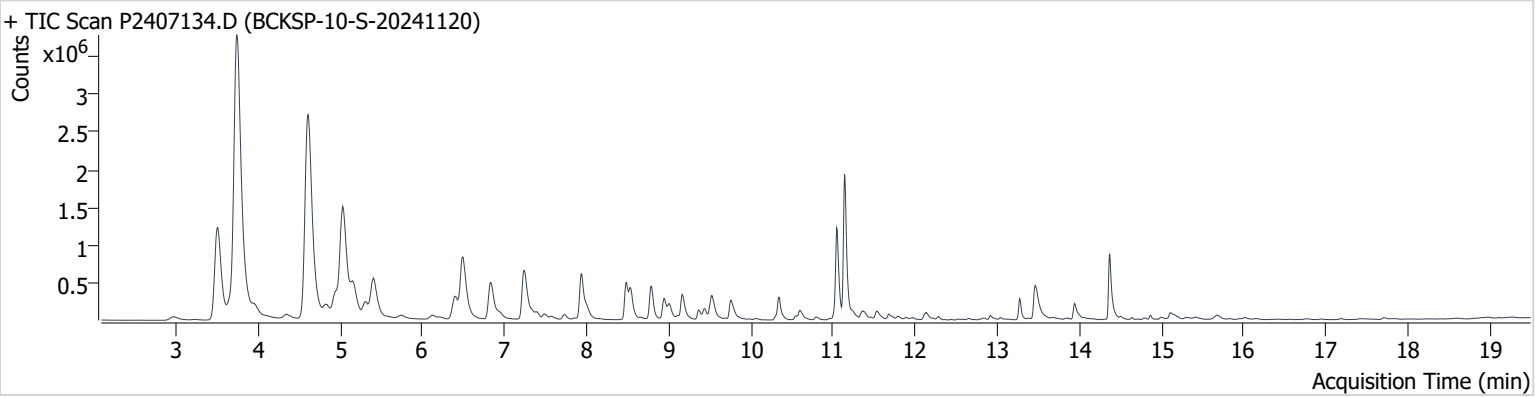
o-Xylene


+ EIC (91.1) Scan P2407133.D
Counts
x10^5
1.5
1.25
1
0.75
0.5
0.25
0
13.934 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.895-14.148 min, 43 scans) P2407133.D
Counts
x10^3
Lib Match Score=82.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
39.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

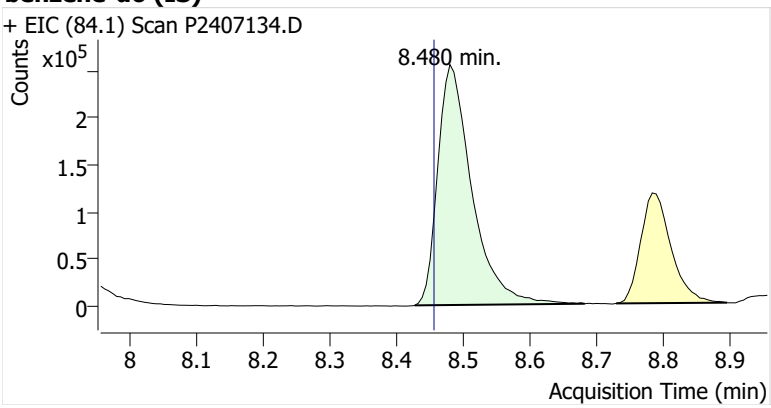
Name	BCKSP-10-S-20241120
Comment	B34921; Recollect
Data File	P2407134.D
Acq. Date-Time	12/11/2024 11:02:09 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

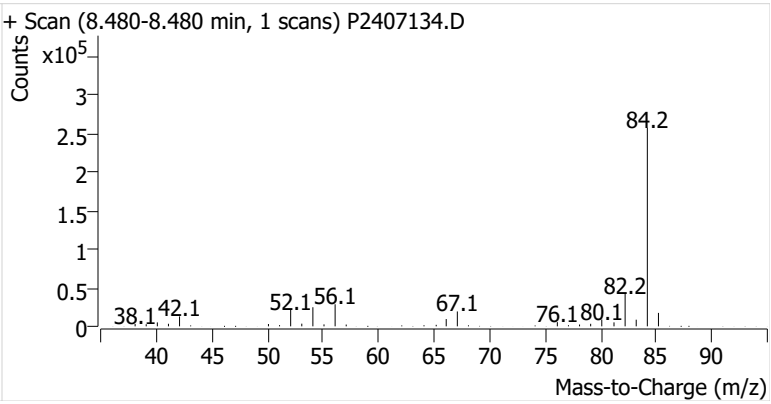
Sample Chromatogram



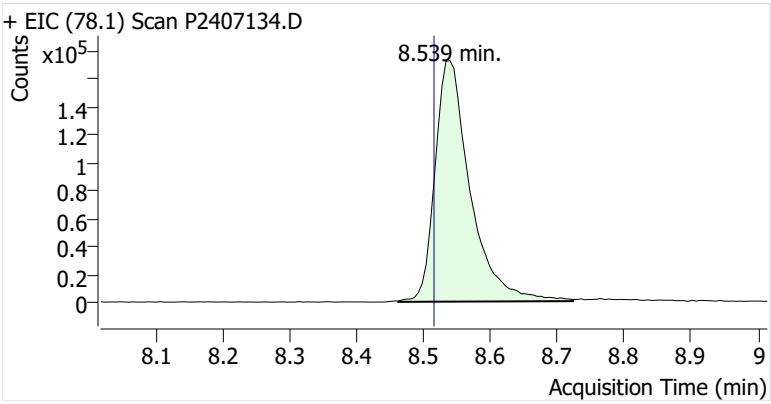
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.480	8.456	906,468	
Benzene	benzene-d6 (IS)	8.539	8.515	633,263	
Toluene-d8 (IS)		11.044	11.032	1,345,623	
Toluene	Toluene-d8 (IS)	11.139	11.121	2,296,034	
Ethylbenzene	Toluene-d8 (IS)	13.270	13.252	323,957	
m-/p-Xylenes	Toluene-d8 (IS)	13.459	13.459	770,716	
o-Xylene	Toluene-d8 (IS)	13.940	13.922	284,332	

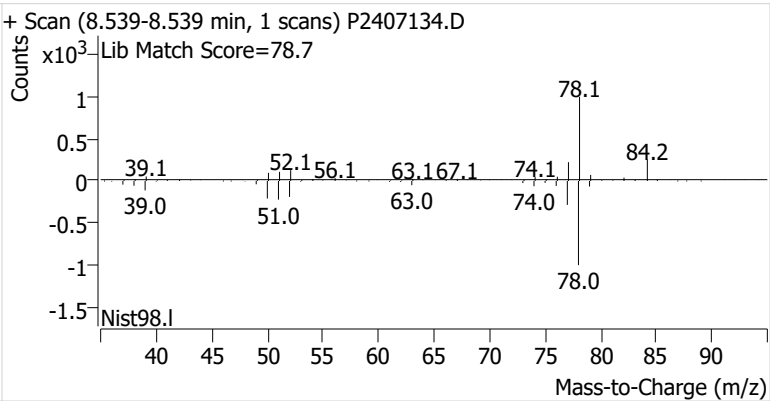
benzene-d6 (IS)



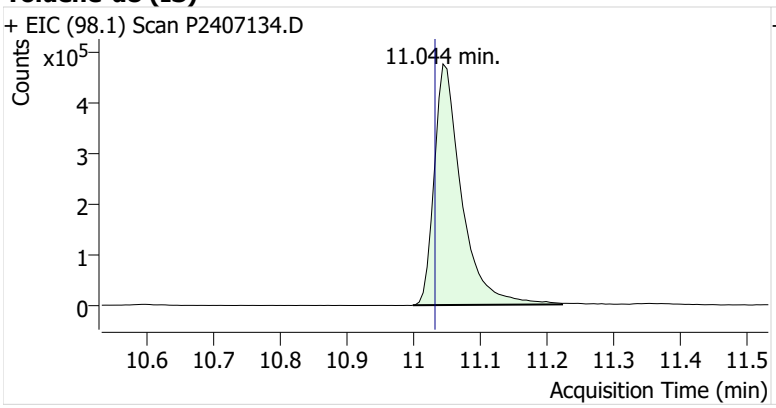


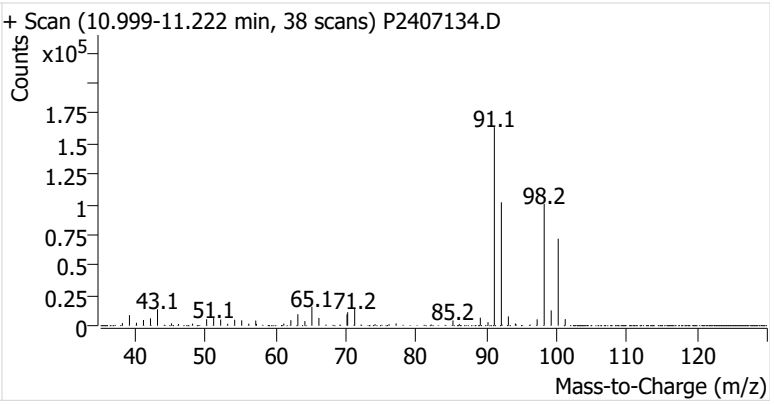
Benzene



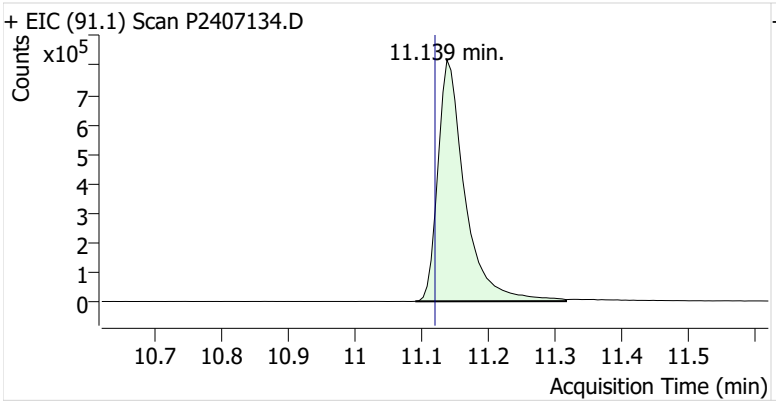


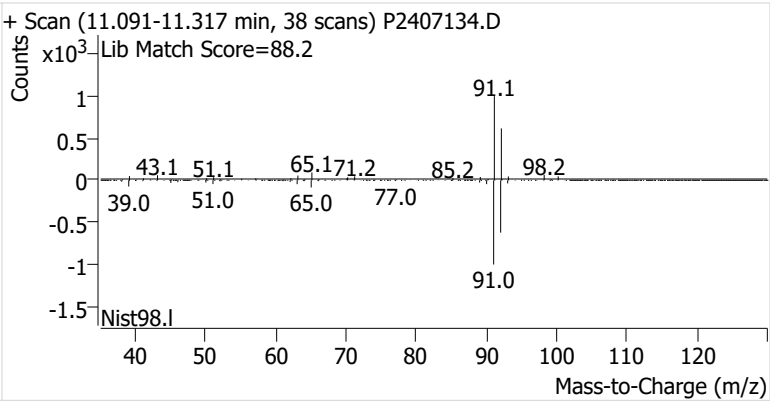
Toluene-d8 (IS)



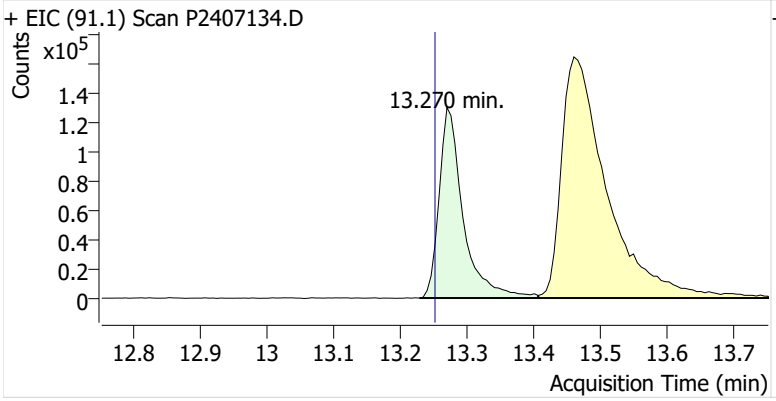


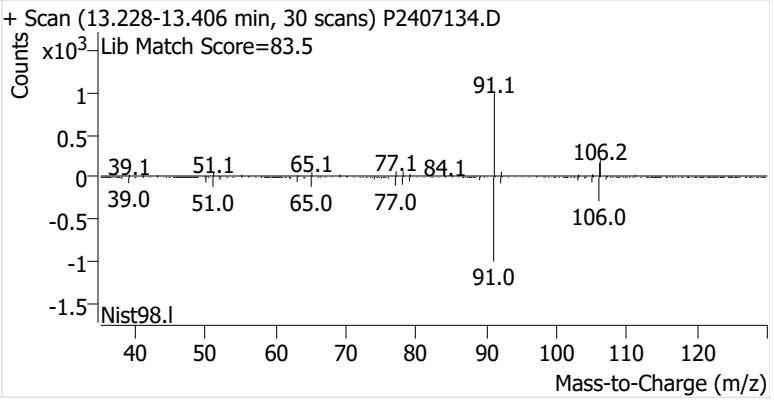
Toluene



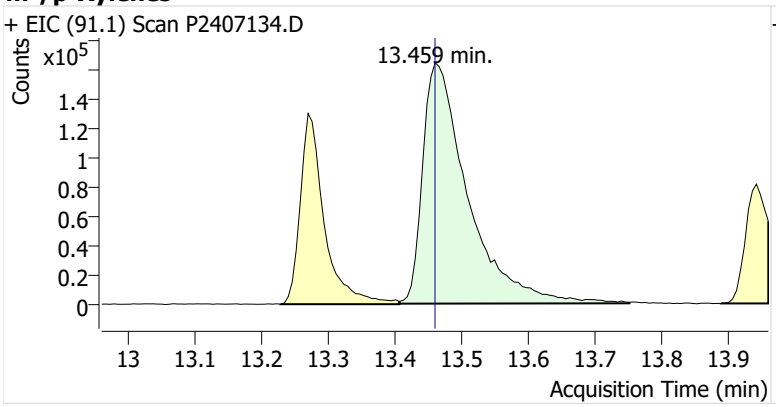


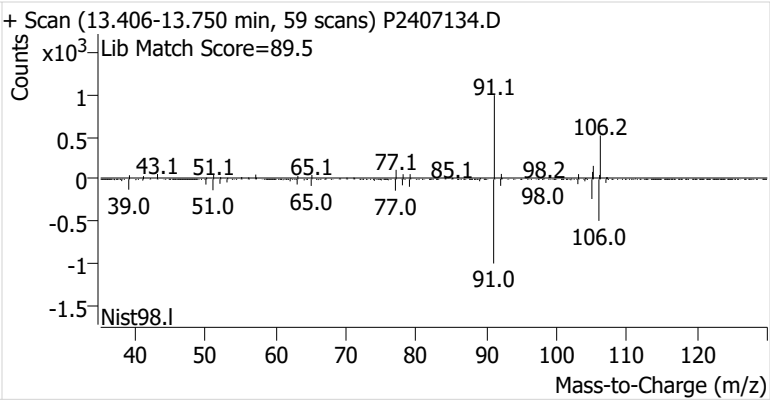
Ethylbenzene



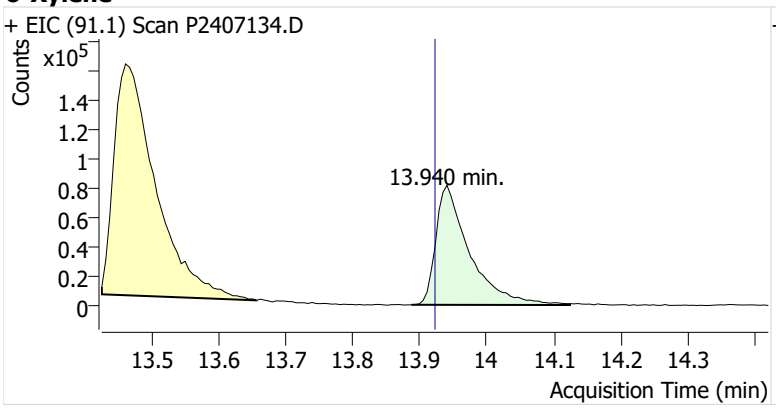


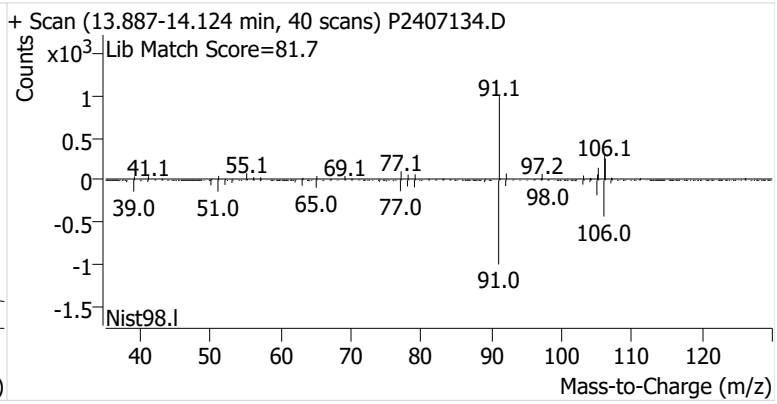
m-/p-Xylenes





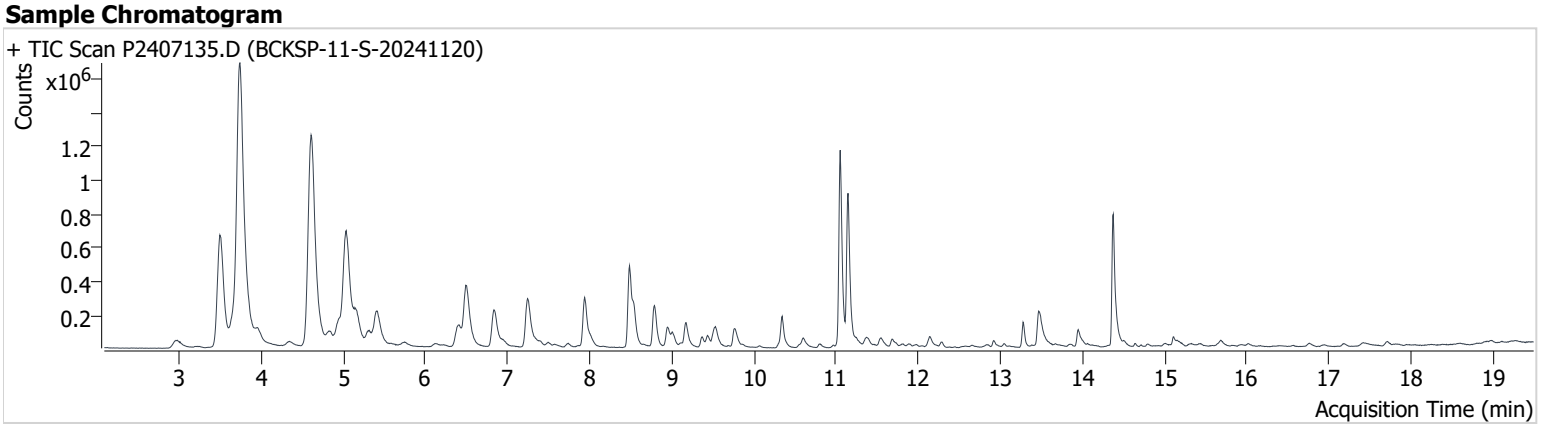
o-Xylene


+ EIC (91.1) Scan P2407134.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.940 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.887-14.124 min, 40 scans) P2407134.D
Counts
x10^3
Lib Match Score=81.7
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
77.1
97.2
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

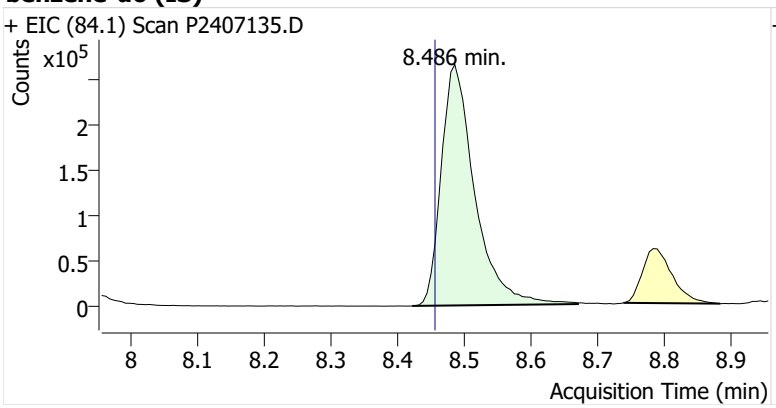
Name	BCKSP-11-S-20241120
Comment	B18386; Recollect
Data File	P2407135.D
Acq. Date-Time	12/11/2024 11:37:47 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

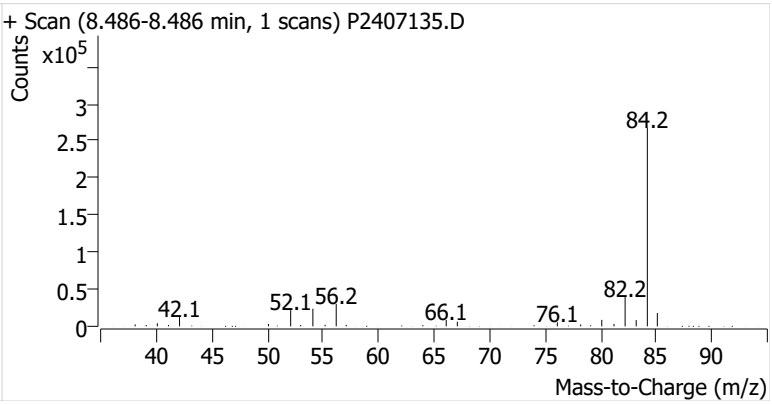
Sample Chromatogram



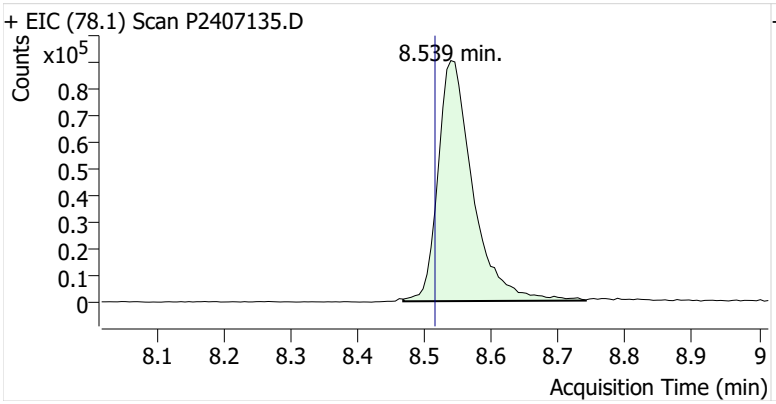
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.486	8.456	930,418	
Benzene	benzene-d6 (IS)	8.539	8.515	327,100	
Toluene-d8 (IS)		11.050	11.032	1,312,890	
Toluene	Toluene-d8 (IS)	11.145	11.121	1,094,675	
Ethylbenzene	Toluene-d8 (IS)	13.275	13.252	169,978	
m-/p-Xylenes	Toluene-d8 (IS)	13.465	13.459	371,609	
o-Xylene	Toluene-d8 (IS)	13.946	13.922	139,936	

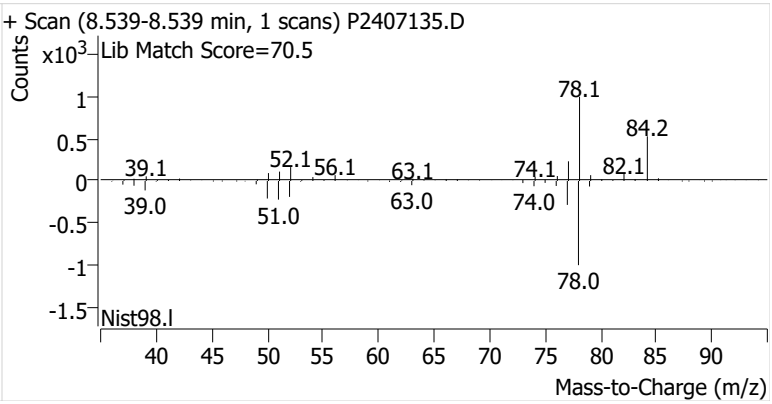
benzene-d6 (IS)



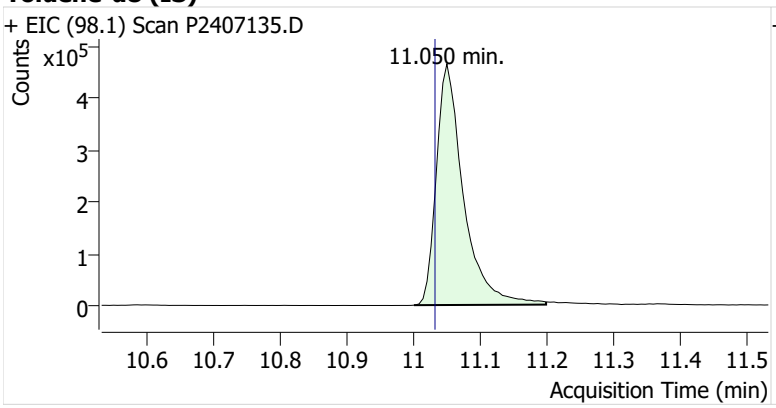


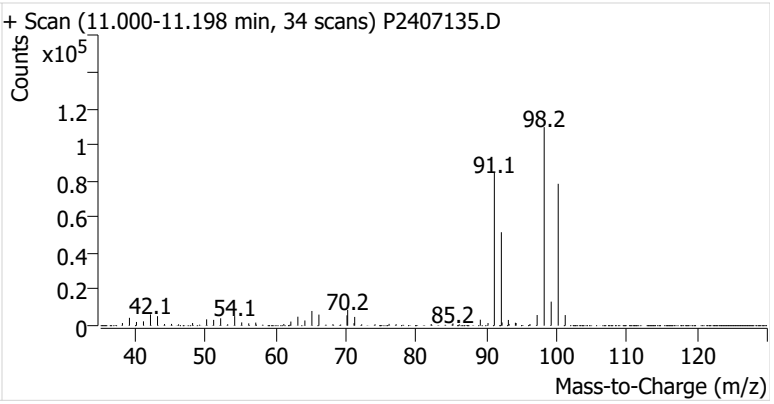
Benzene



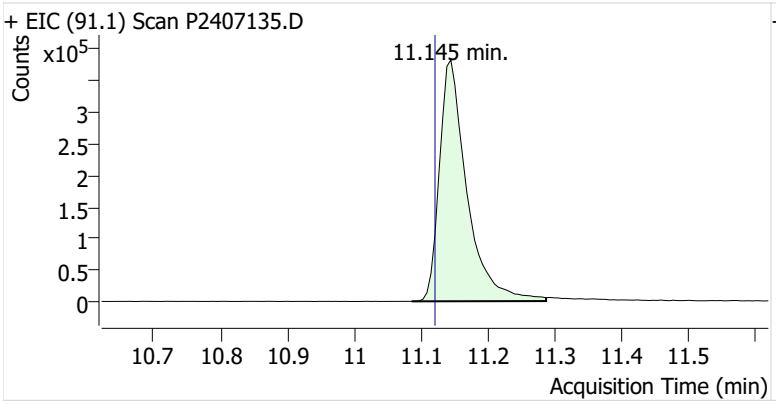


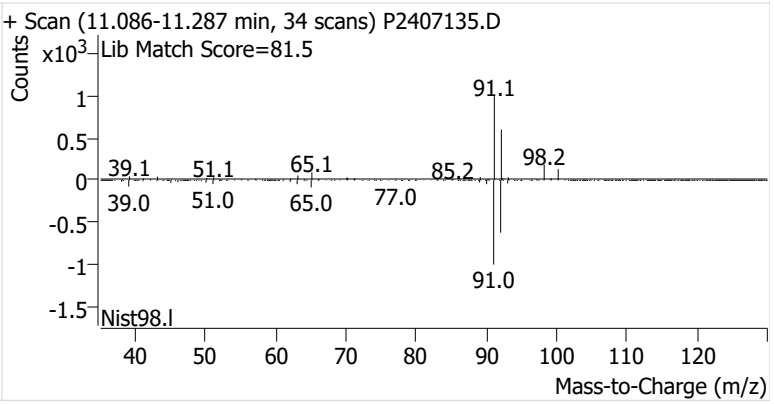
Toluene-d8 (IS)



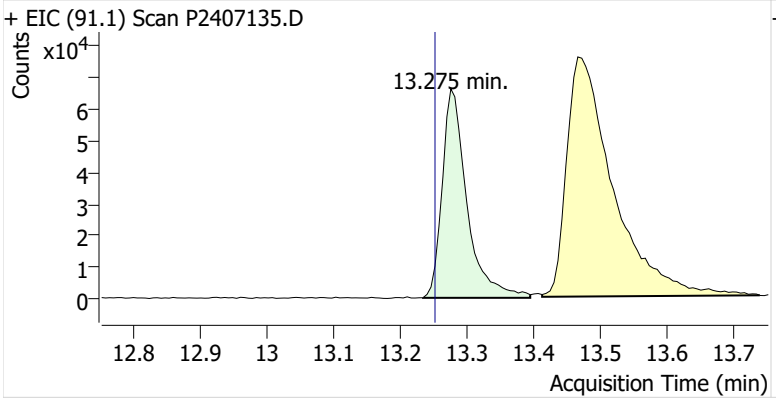


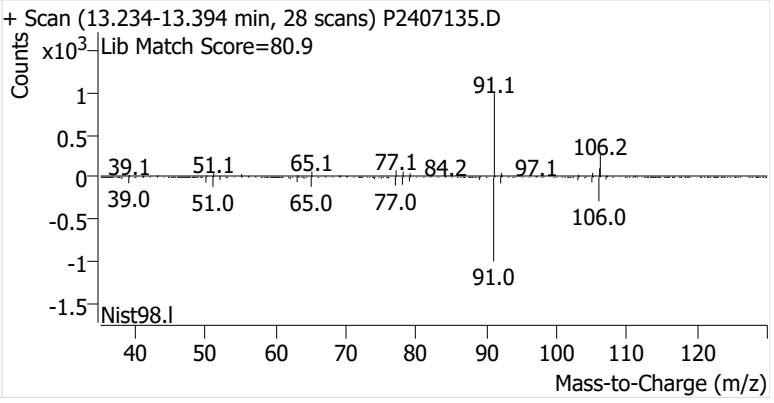
Toluene



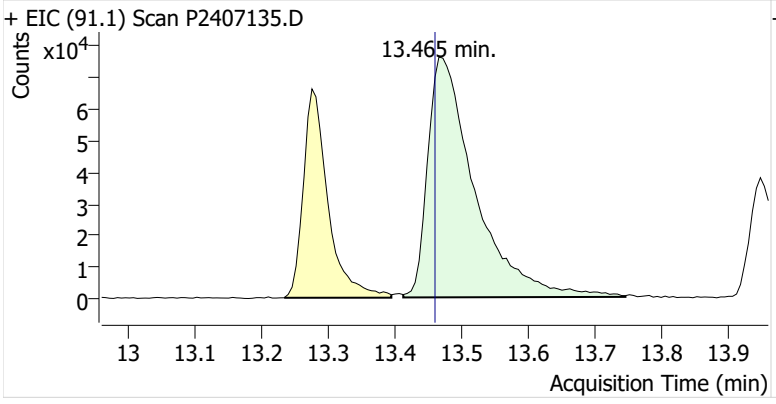


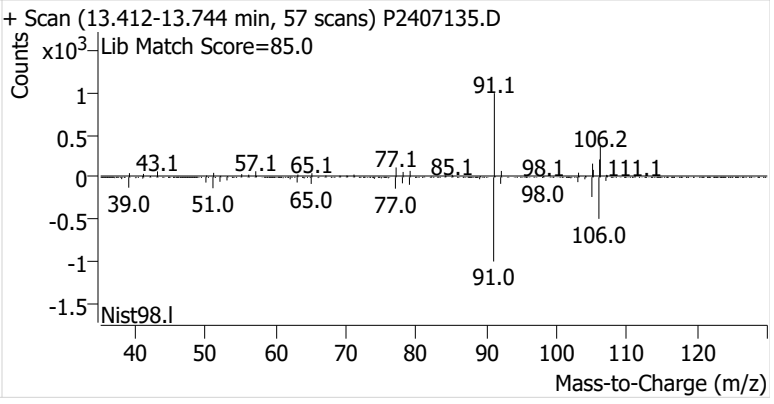
Ethylbenzene



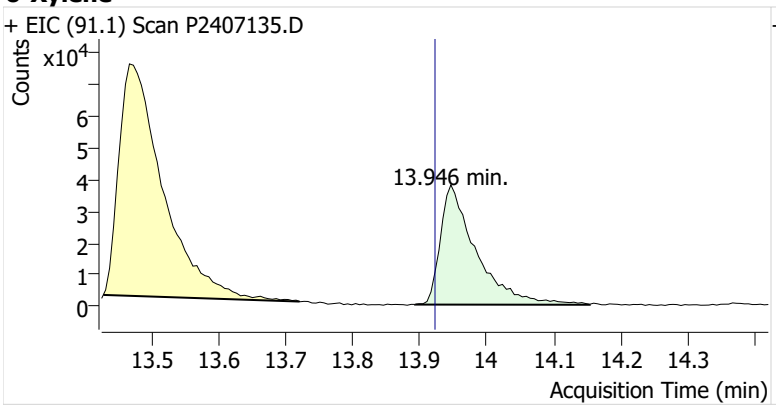


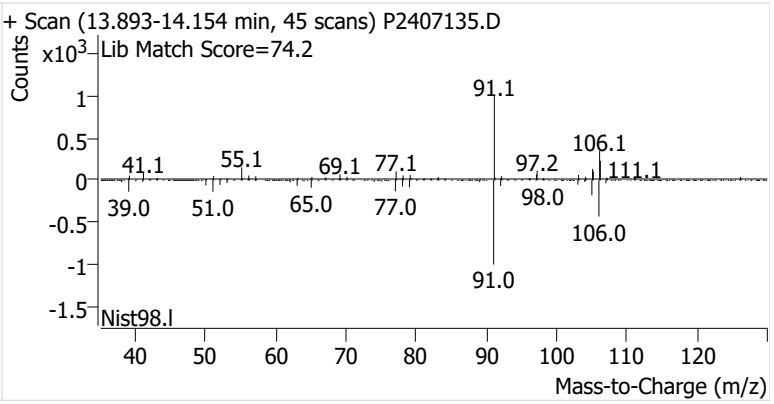
m-/p-Xylenes





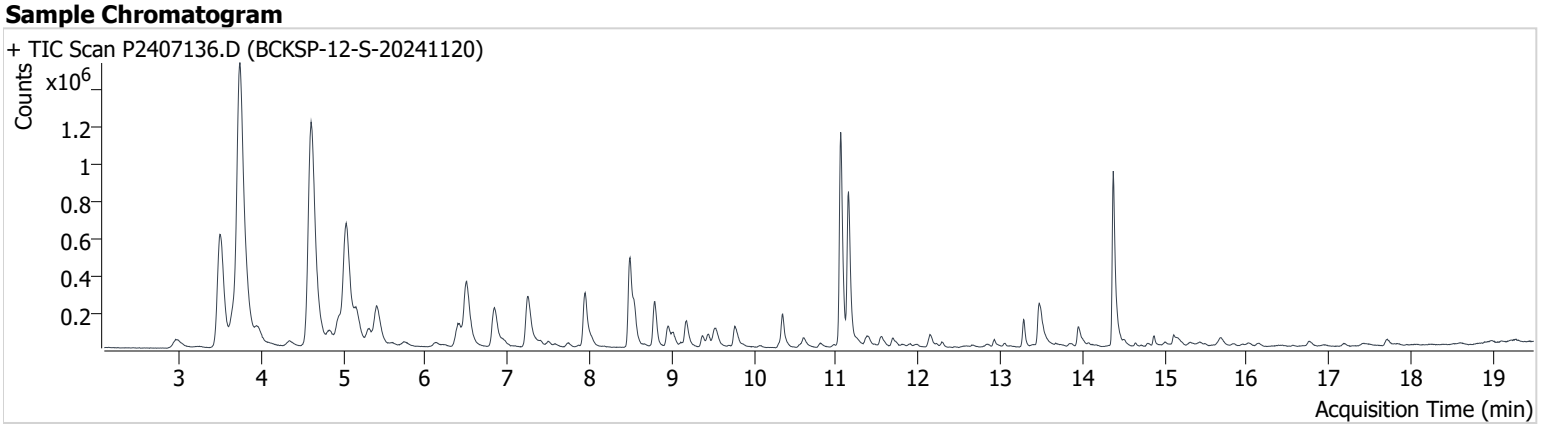
o-Xylene


+ EIC (91.1) Scan P2407135.D
Counts
x10^4
13.946 min.
Acquisition Time (min)


+ Scan (13.893-14.154 min, 45 scans) P2407135.D
Counts
x10^3
Lib Match Score=74.2
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

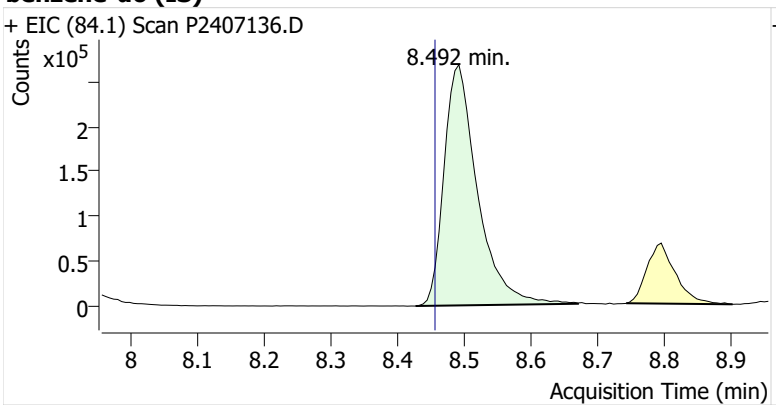
Name	BCKSP-12-S-20241120
Comment	B50585; Recollect
Data File	P2407136.D
Acq. Date-Time	12/11/2024 12:13:25 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

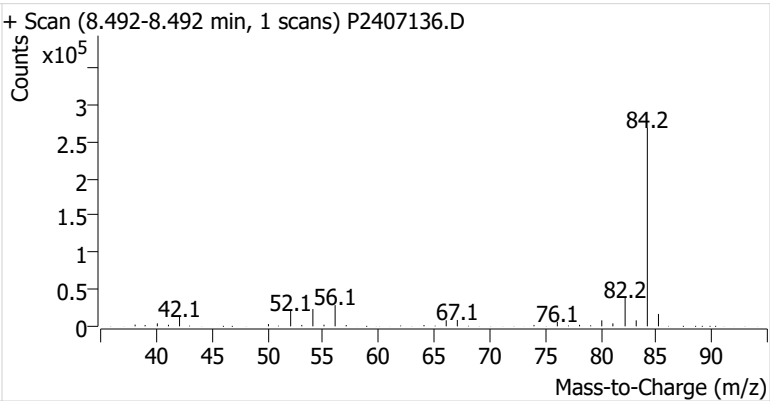
Sample Chromatogram



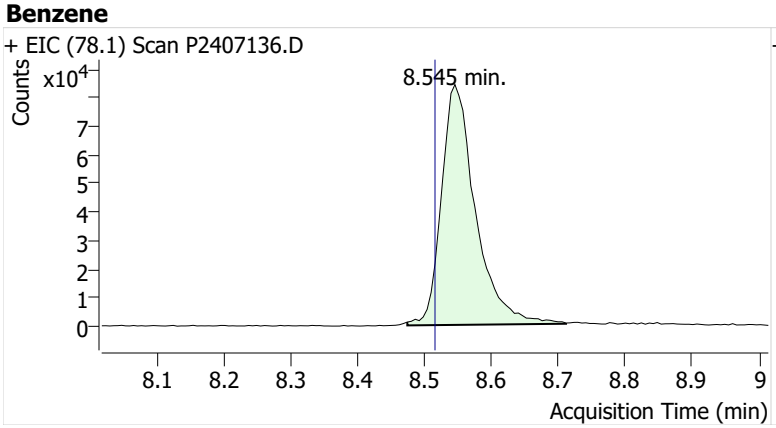
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.492	8.456	932,317	
Benzene	benzene-d6 (IS)	8.545	8.515	298,285	
Toluene-d8 (IS)		11.056	11.032	1,353,825	
Toluene	Toluene-d8 (IS)	11.151	11.121	1,029,633	
Ethylbenzene	Toluene-d8 (IS)	13.287	13.252	169,246	
m-/p-Xylenes	Toluene-d8 (IS)	13.477	13.459	351,511	
o-Xylene	Toluene-d8 (IS)	13.952	13.922	137,167	

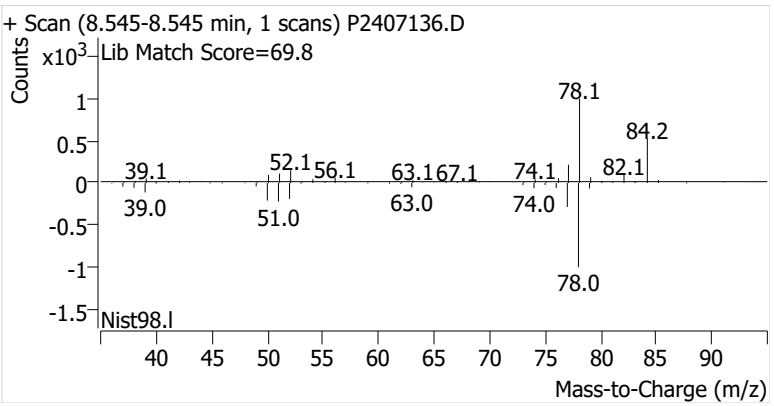
benzene-d6 (IS)



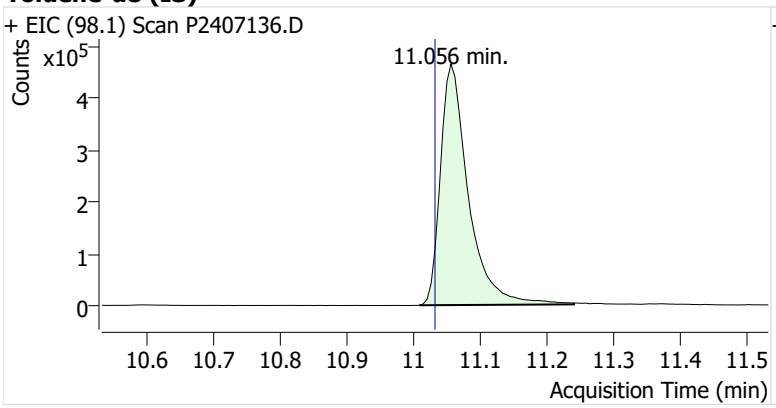


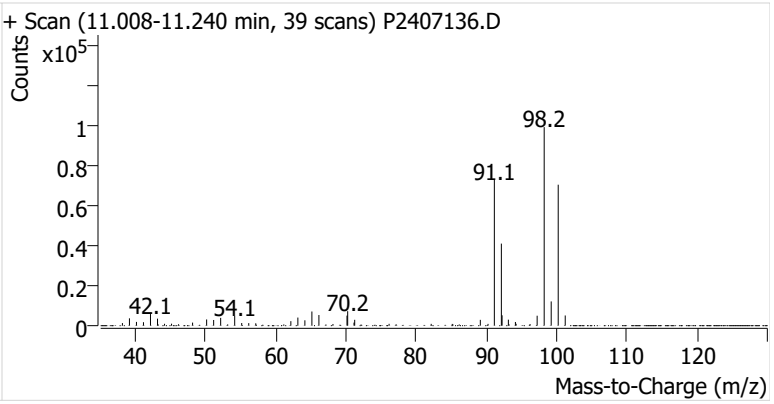
Benzene



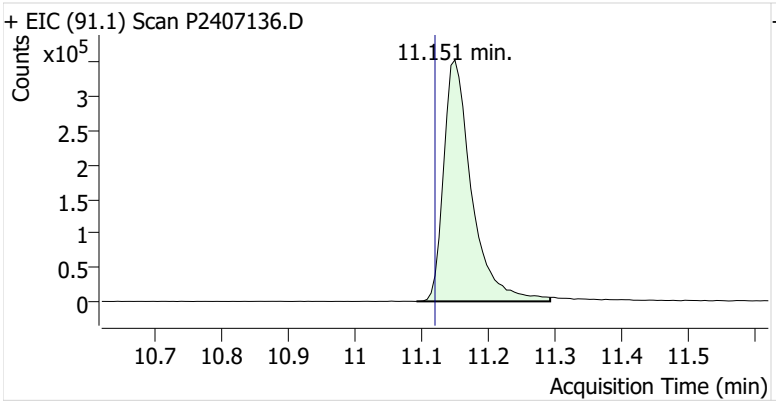


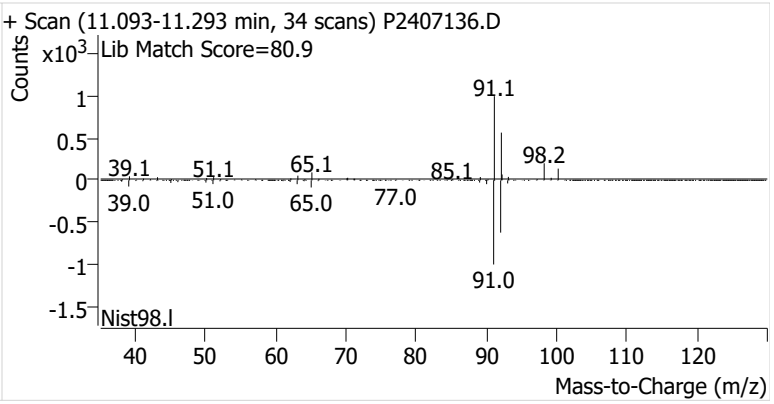
Toluene-d8 (IS)



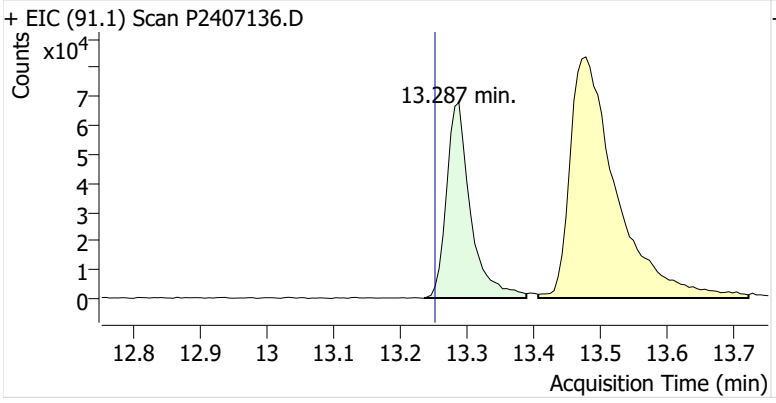


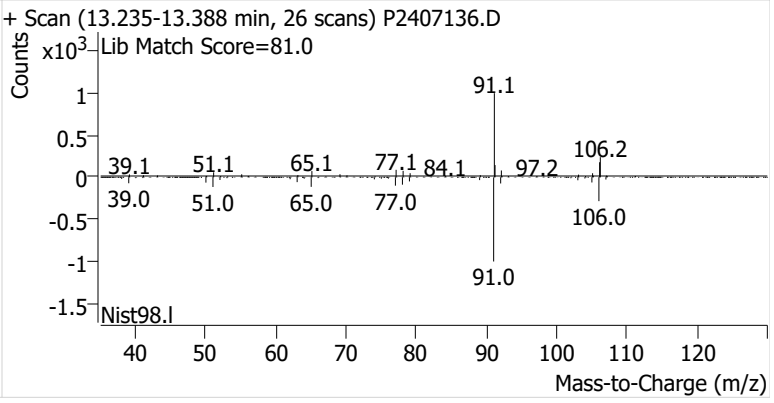
Toluene



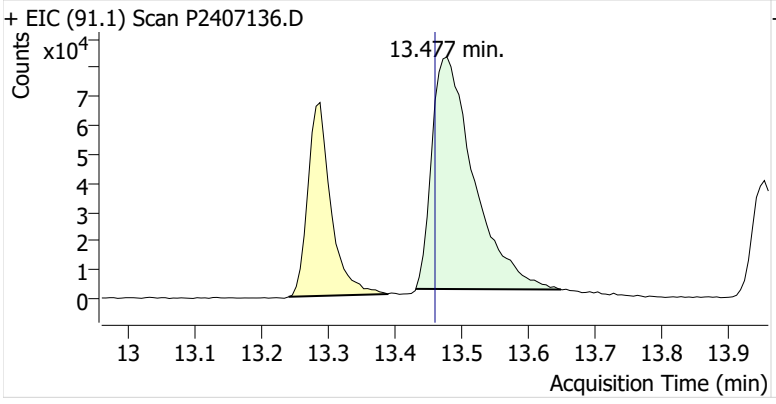


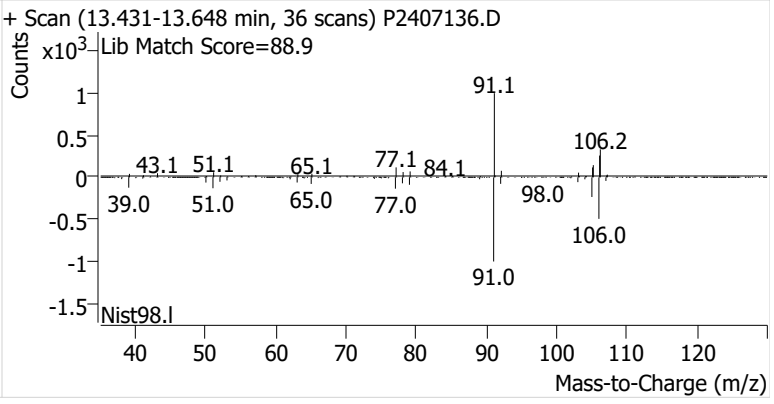
Ethylbenzene



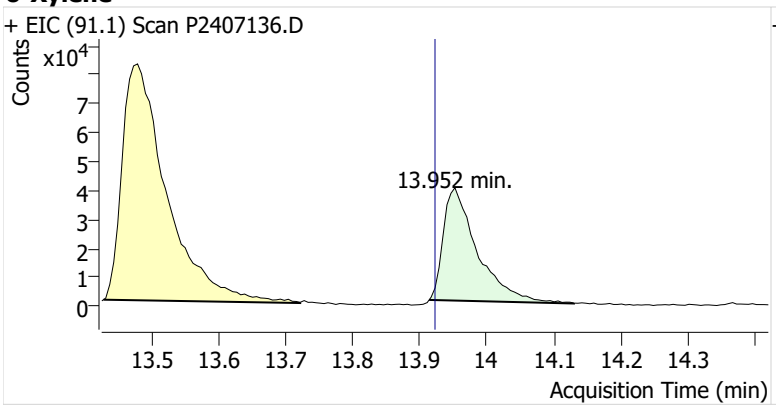


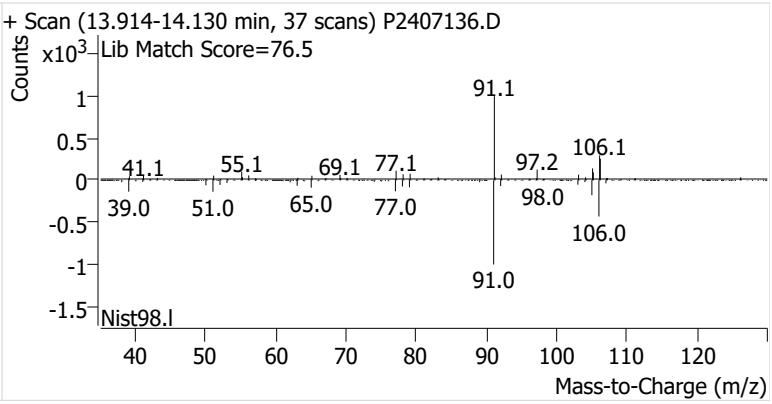
m-/p-Xylenes





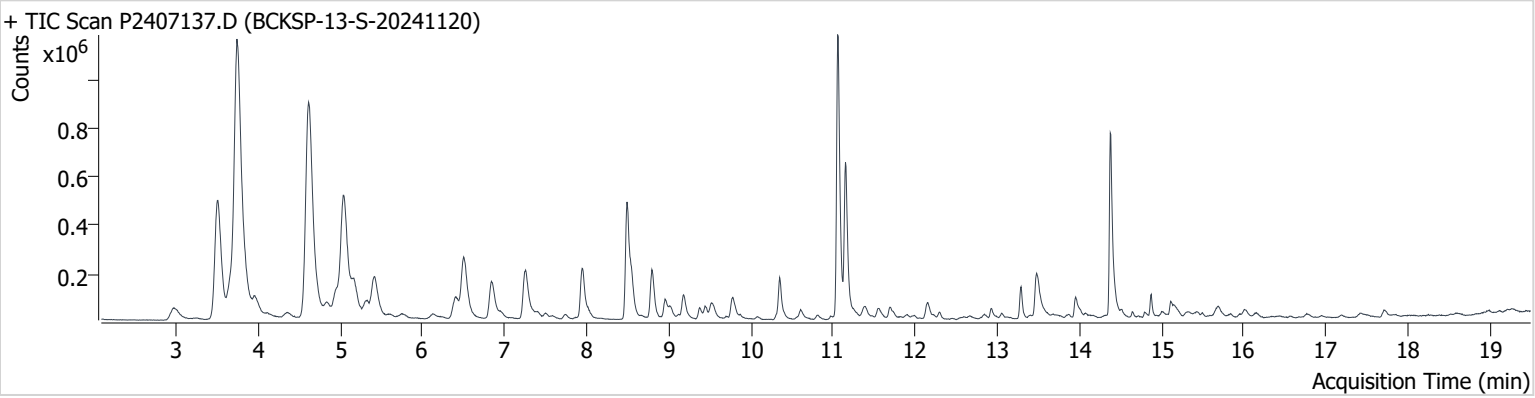
o-Xylene


+ EIC (91.1) Scan P2407136.D
Counts
x10^4
13.952 min.
Acquisition Time (min)


+ Scan (13.914-14.130 min, 37 scans) P2407136.D
Lib Match Score=76.5
Counts
x10^3
91.1
106.1
41.1
55.1
69.1
77.1
97.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

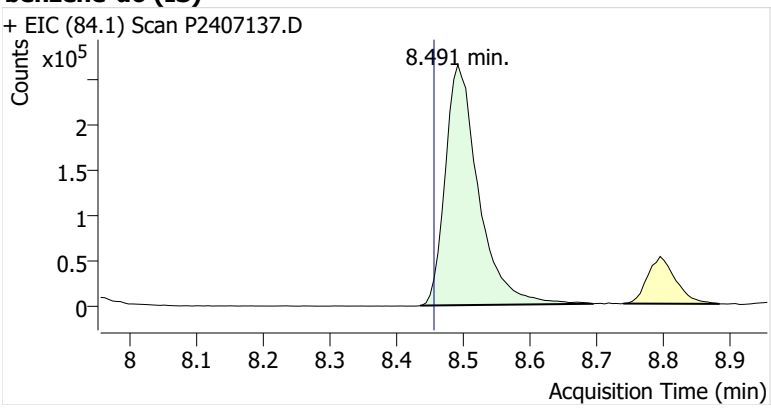
Name	BCKSP-13-S-20241120
Comment	B34578; Recollect
Data File	P2407137.D
Acq. Date-Time	12/11/2024 12:49:04 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

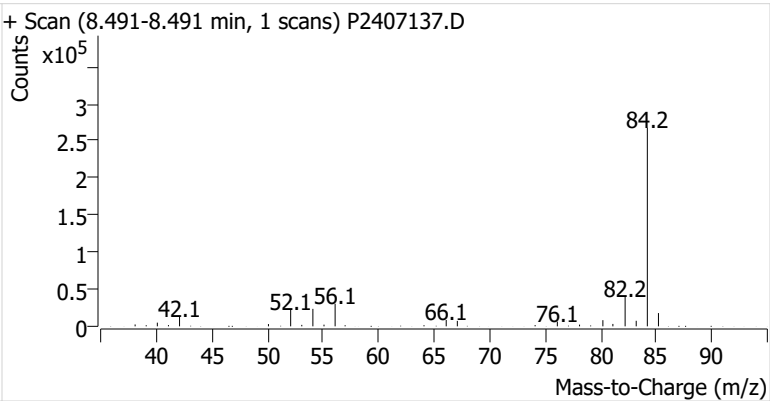
Sample Chromatogram



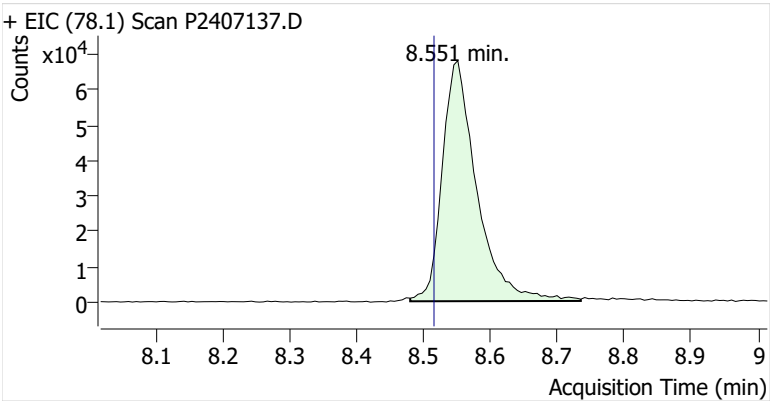
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.491	8.456	920,556	
Benzene	benzene-d6 (IS)	8.551	8.515	244,375	
Toluene-d8 (IS)		11.061	11.032	1,395,902	
Toluene	Toluene-d8 (IS)	11.151	11.121	800,859	
Ethylbenzene	Toluene-d8 (IS)	13.287	13.252	151,098	
m-/p-Xylenes	Toluene-d8 (IS)	13.477	13.459	314,860	
o-Xylene	Toluene-d8 (IS)	13.952	13.922	118,351	

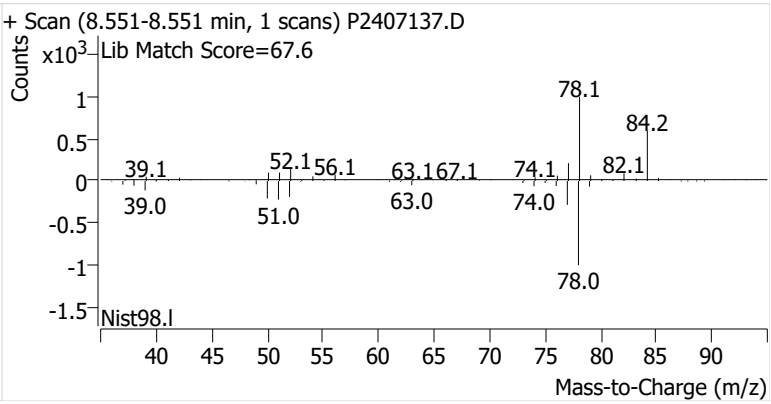
benzene-d6 (IS)



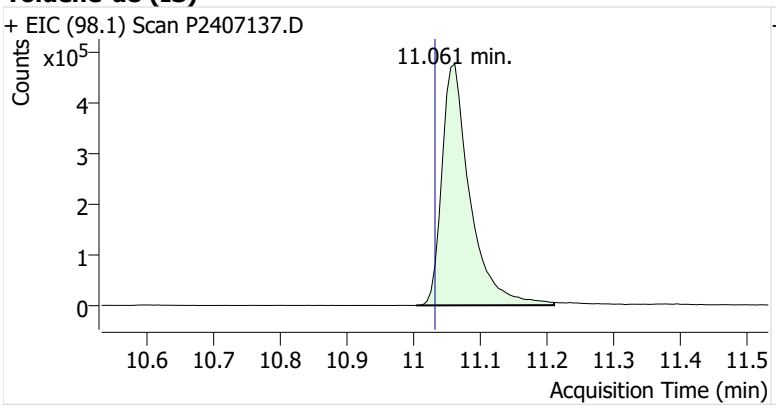


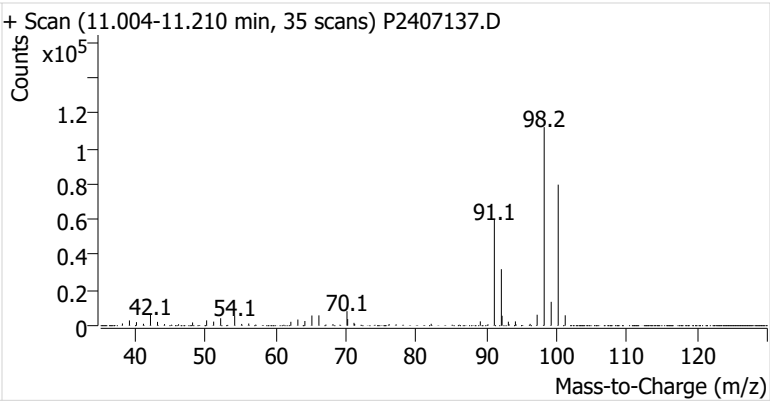
Benzene



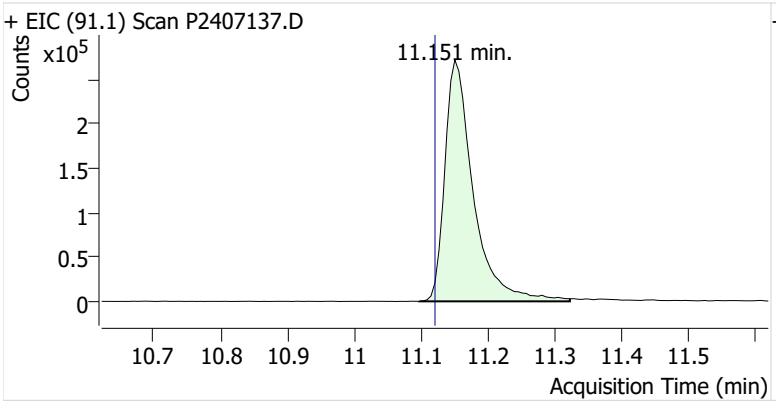


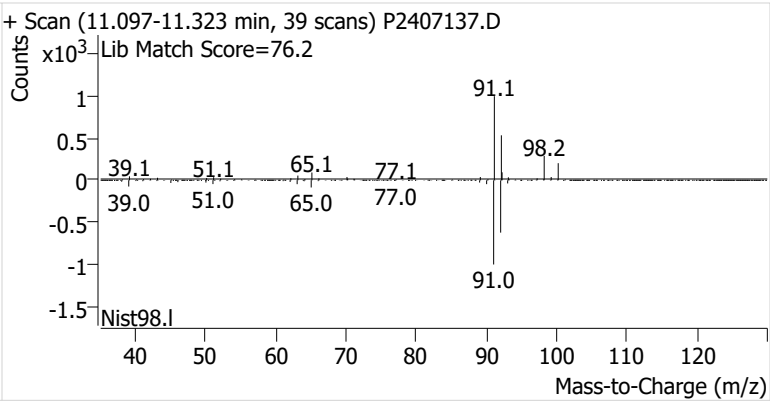
Toluene-d8 (IS)



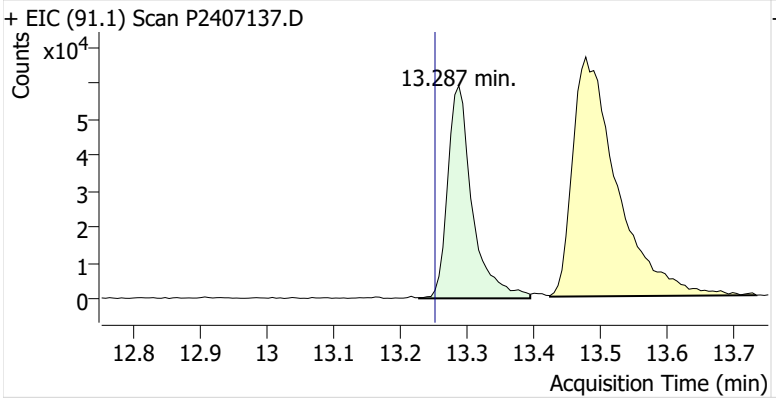


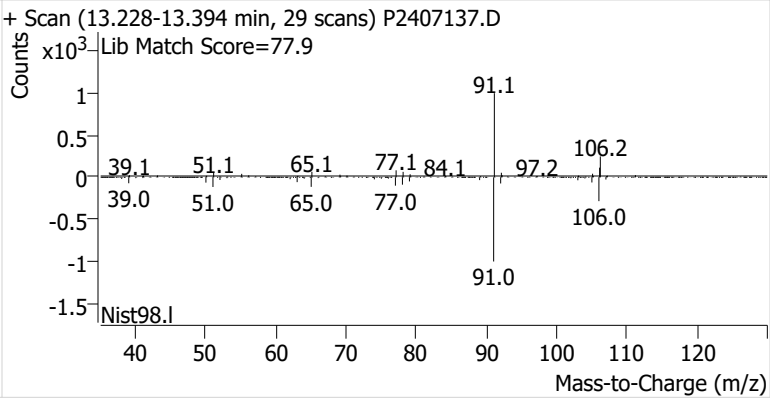
Toluene



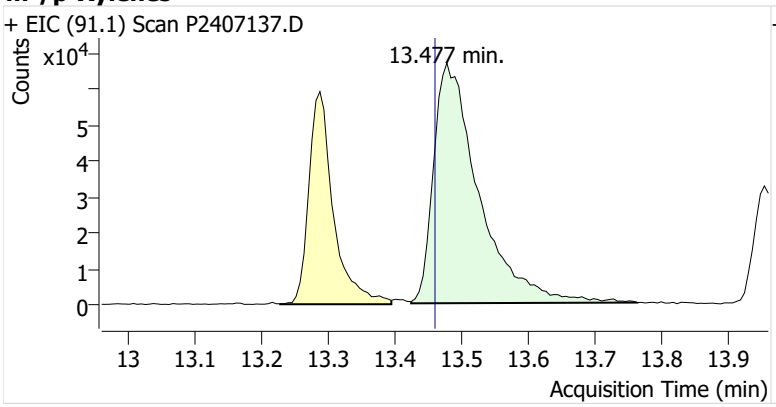


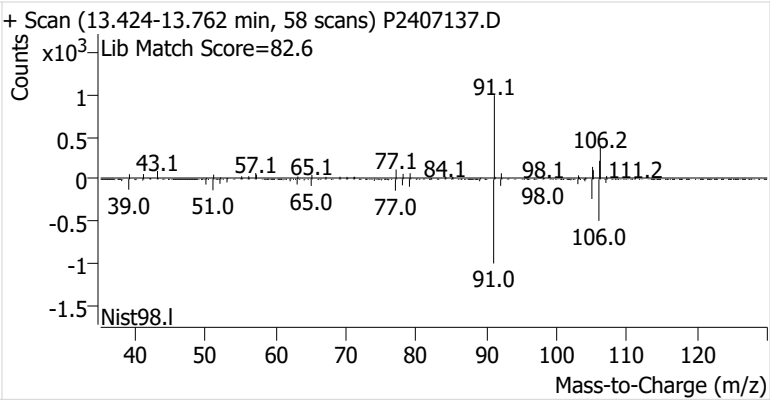
Ethylbenzene



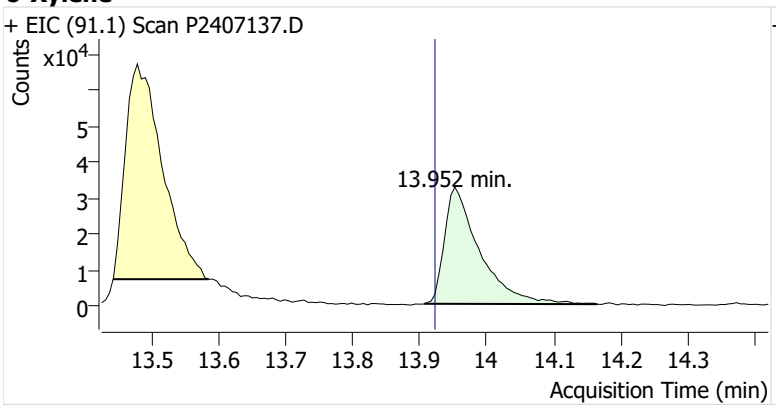


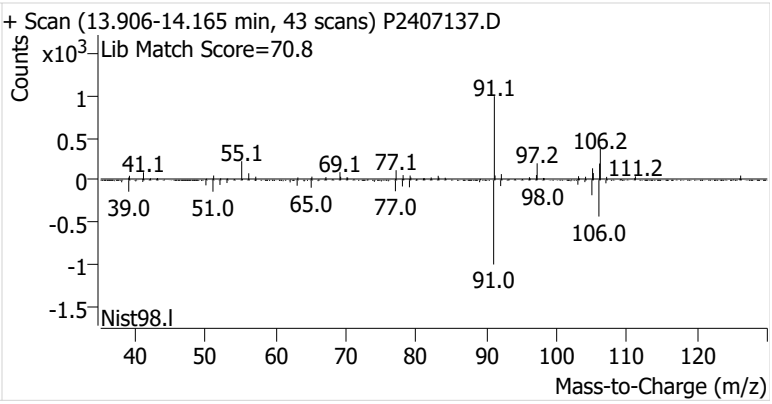
m-/p-Xylenes





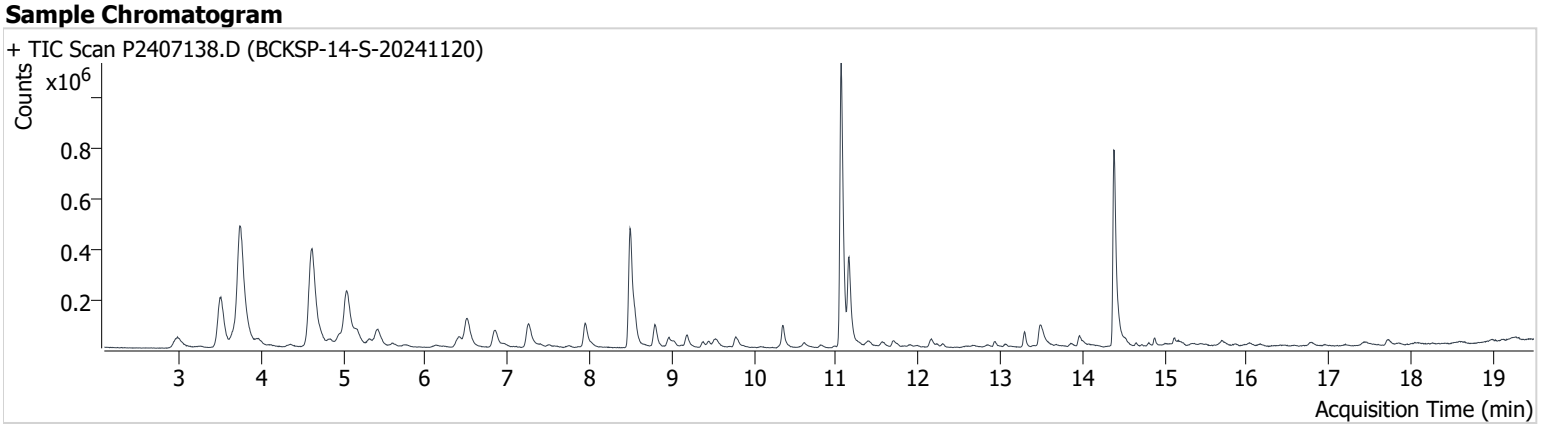
o-Xylene


+ EIC (91.1) Scan P2407137.D
Counts
x10^4
13.952 min.
Acquisition Time (min)


+ Scan (13.906-14.165 min, 43 scans) P2407137.D
Counts
x10^3
Lib Match Score=70.8
91.1
41.1
55.1
69.1
77.1
97.2
106.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

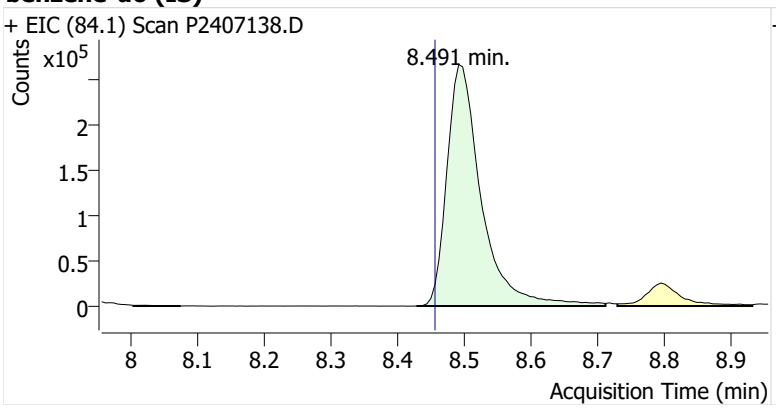
Name	BCKSP-14-S-20241120
Comment	C00634; Recollect
Data File	P2407138.D
Acq. Date-Time	12/11/2024 1:24:40 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

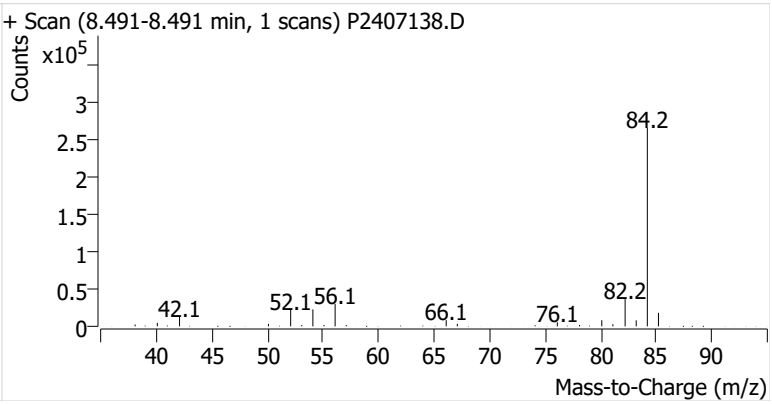
Sample Chromatogram



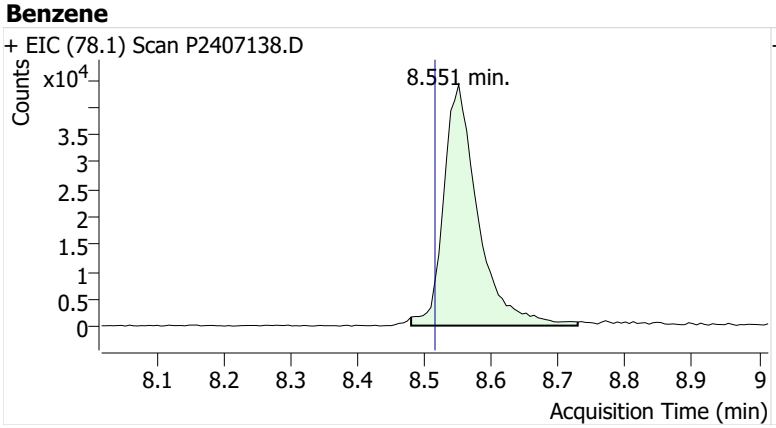
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.491	8.456	947,669	
Benzene	benzene-d6 (IS)	8.551	8.515	157,195	
Toluene-d8 (IS)		11.061	11.032	1,369,604	
Toluene	Toluene-d8 (IS)	11.156	11.121	428,005	
Ethylbenzene	Toluene-d8 (IS)	13.293	13.252	69,447	
m-/p-Xylenes	Toluene-d8 (IS)	13.489	13.459	156,594	
o-Xylene	Toluene-d8 (IS)	13.964	13.922	62,972	

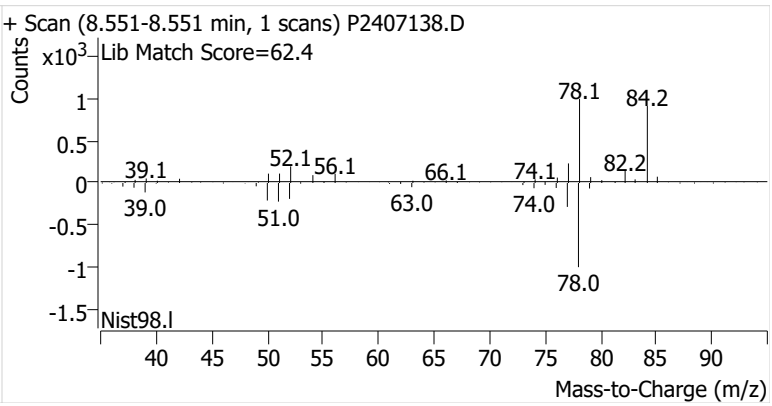
benzene-d6 (IS)



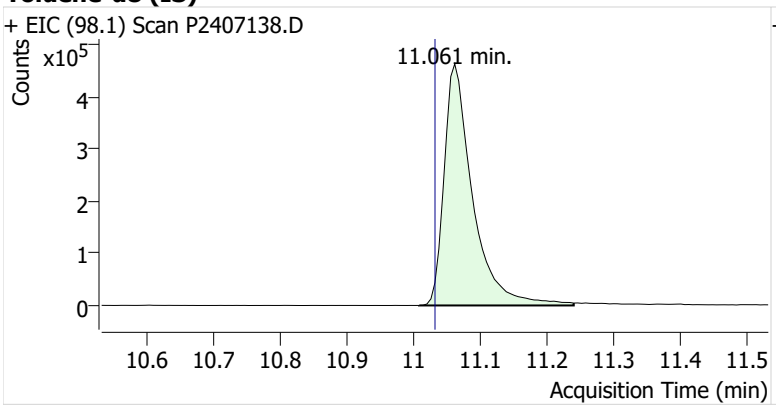


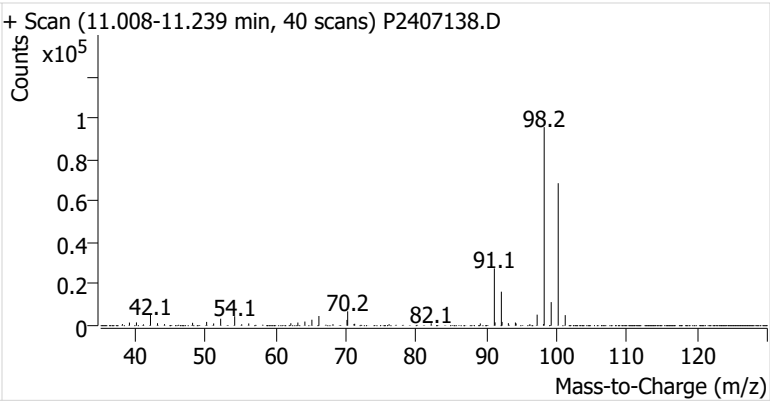
Benzene



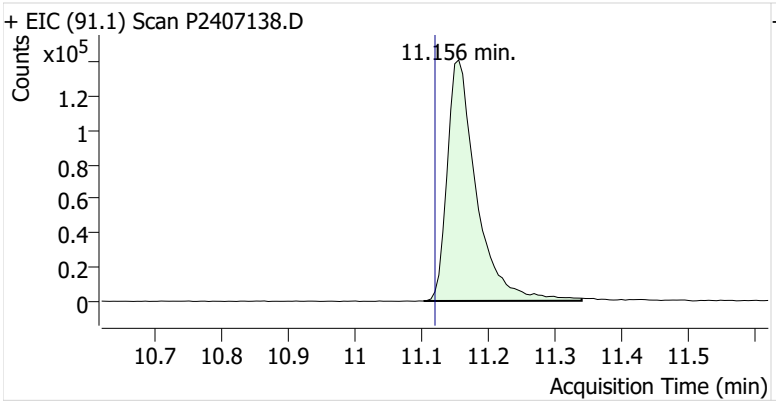


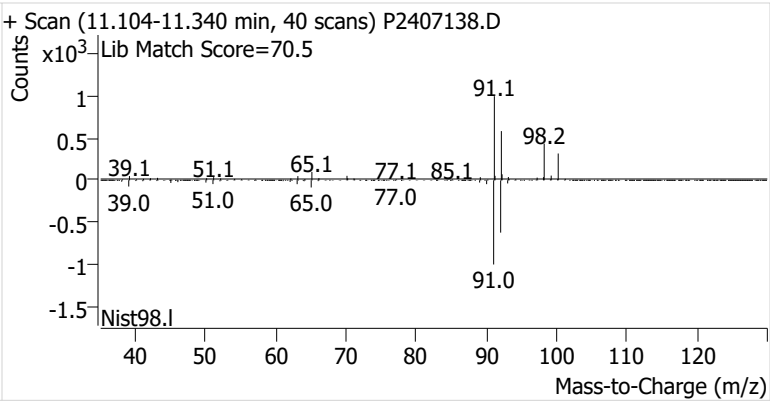
Toluene-d8 (IS)



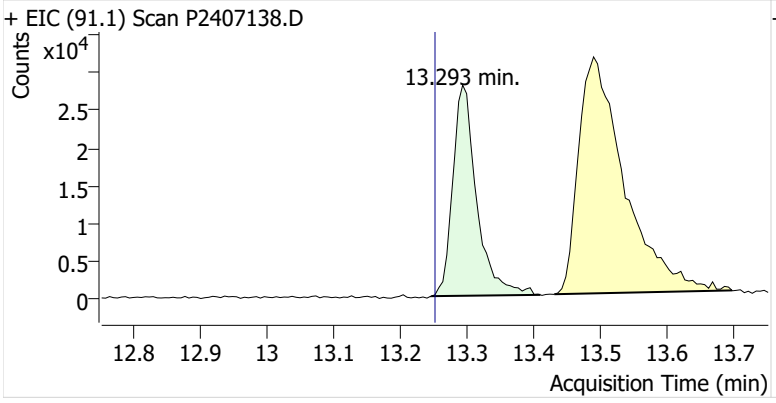


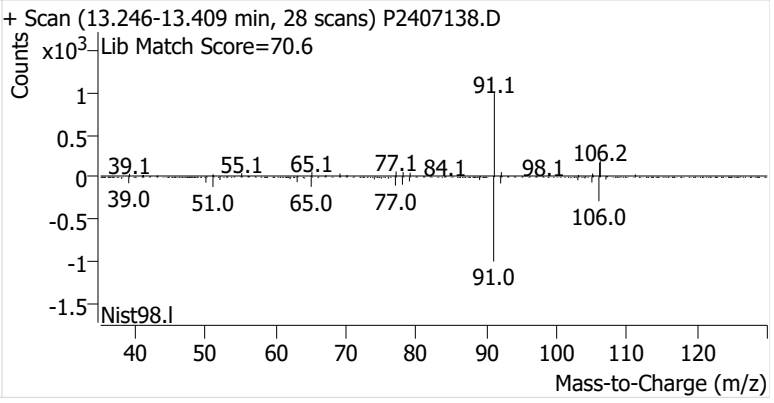
Toluene



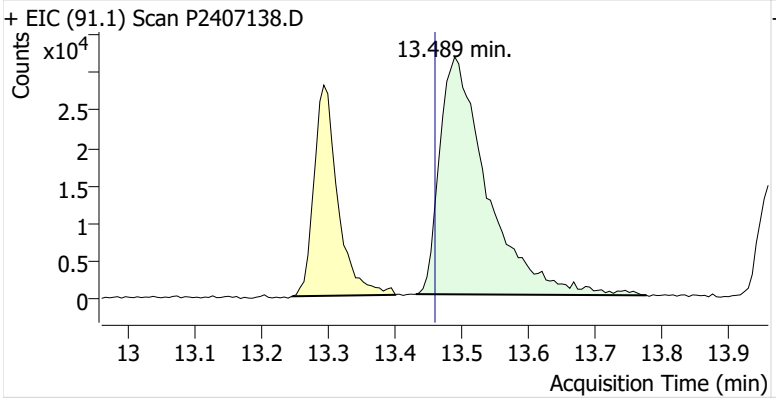


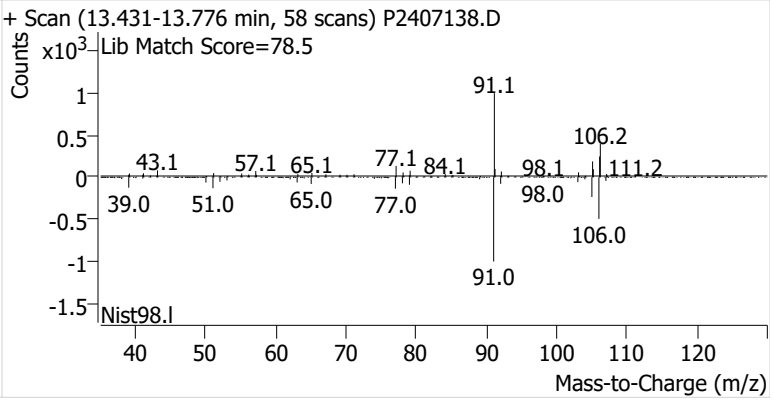
Ethylbenzene



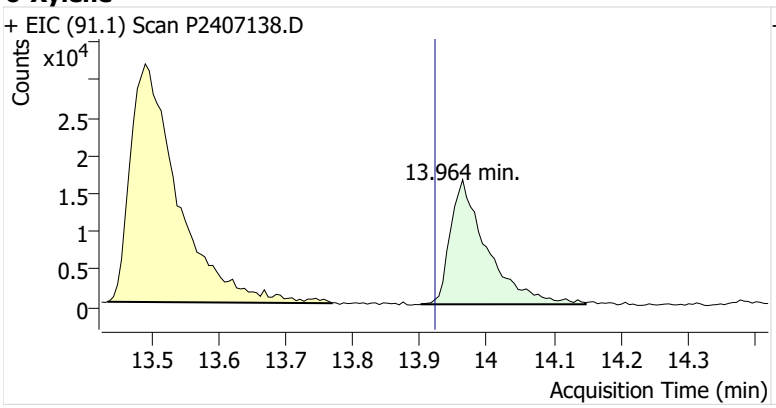


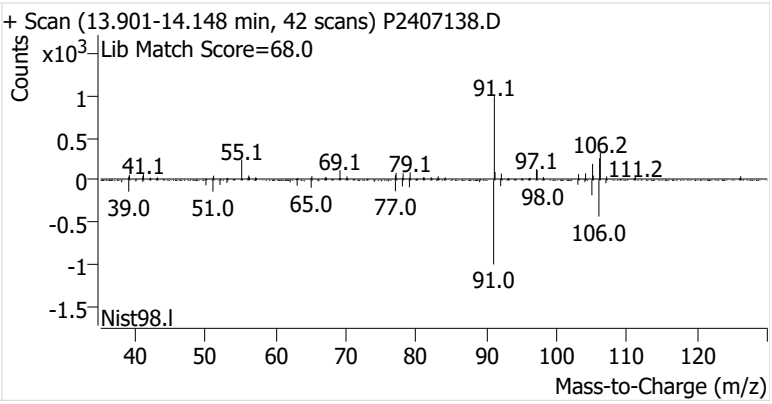
m-/p-Xylenes





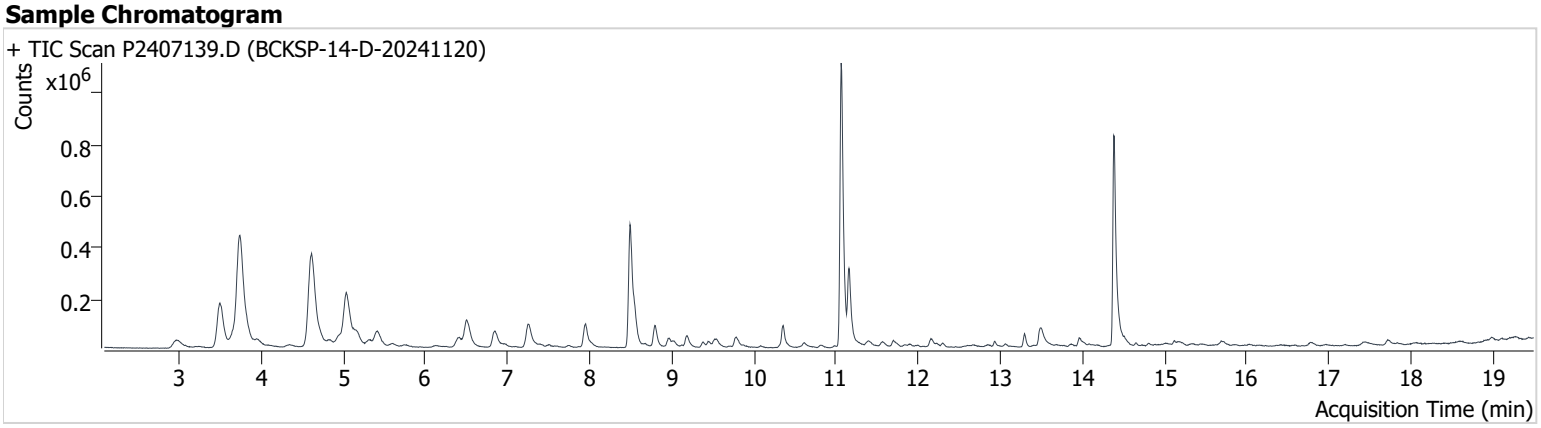
o-Xylene


+ EIC (91.1) Scan P2407138.D
Counts
x10^4
2.5
2
1.5
1
0.5
0
13.964 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.901-14.148 min, 42 scans) P2407138.D
Counts
x10^3
Lib Match Score=68.0
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
79.1
97.1
106.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

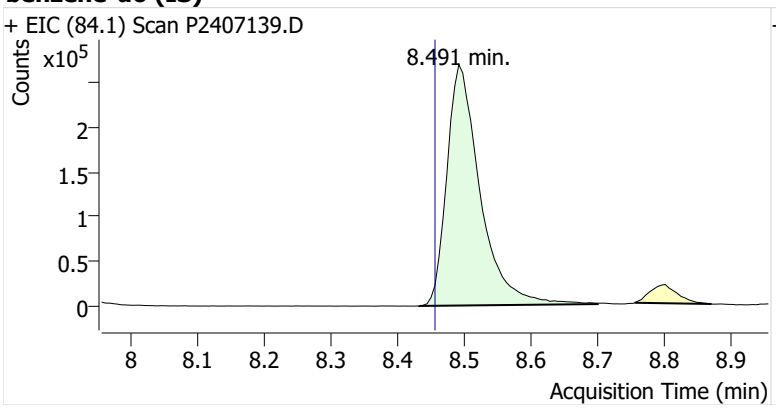
Name	BCKSP-14-D-20241120
Comment	B14114; Recollect
Data File	P2407139.D
Acq. Date-Time	12/11/2024 2:00:16 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

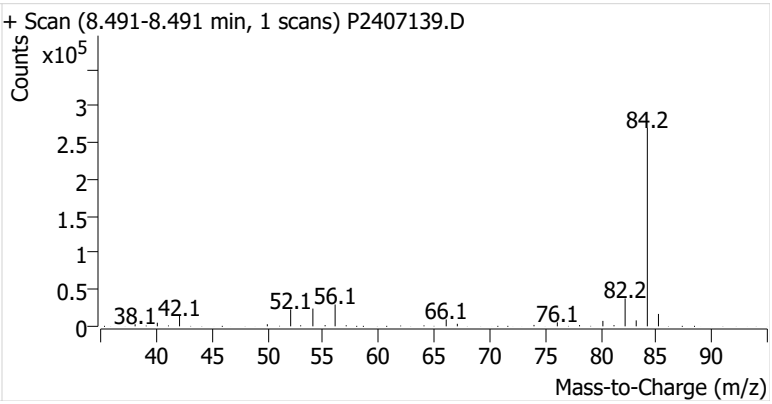
Sample Chromatogram



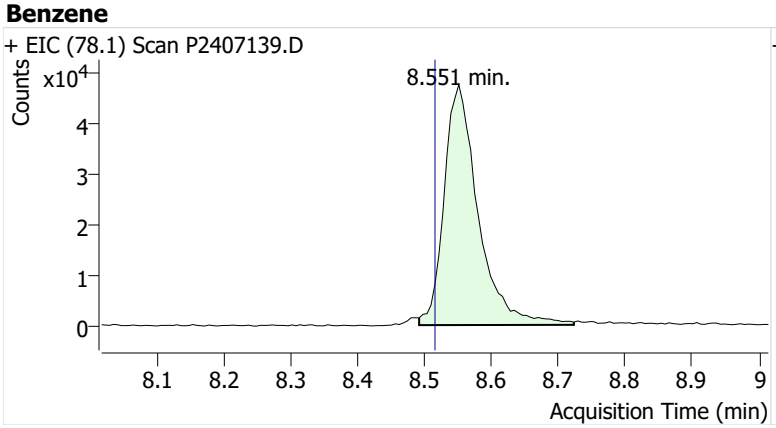
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.491	8.456	928,846	
Benzene	benzene-d6 (IS)	8.551	8.515	167,710	
Toluene-d8 (IS)		11.061	11.032	1,340,843	
Toluene	Toluene-d8 (IS)	11.156	11.121	352,389	
Ethylbenzene	Toluene-d8 (IS)	13.293	13.252	56,394	
m-/p-Xylenes	Toluene-d8 (IS)	13.489	13.459	122,906	
o-Xylene	Toluene-d8 (IS)	13.958	13.922	49,814	

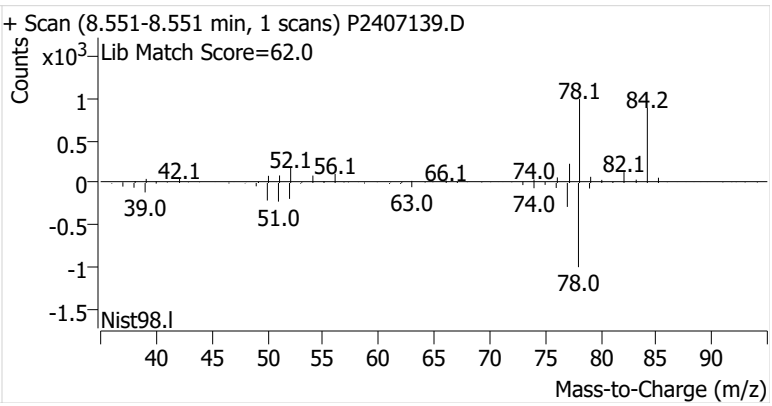
benzene-d6 (IS)



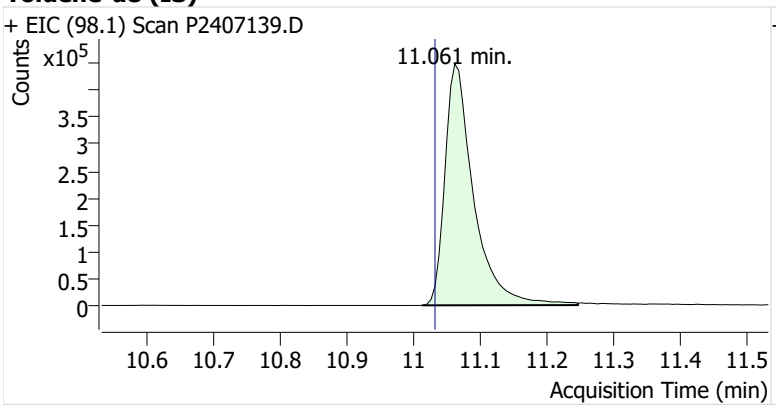


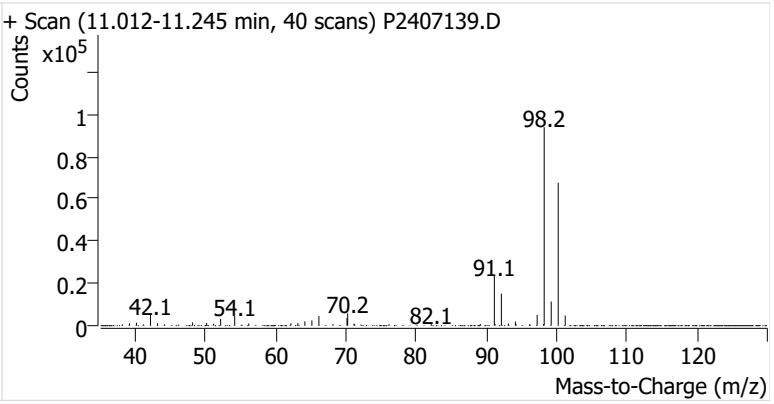
Benzene



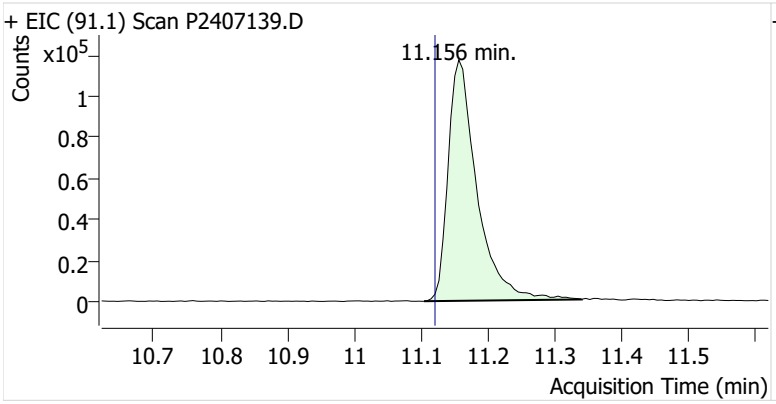


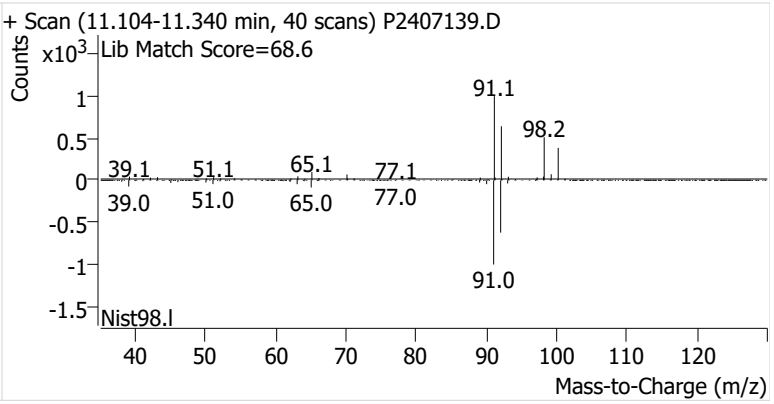
Toluene-d8 (IS)



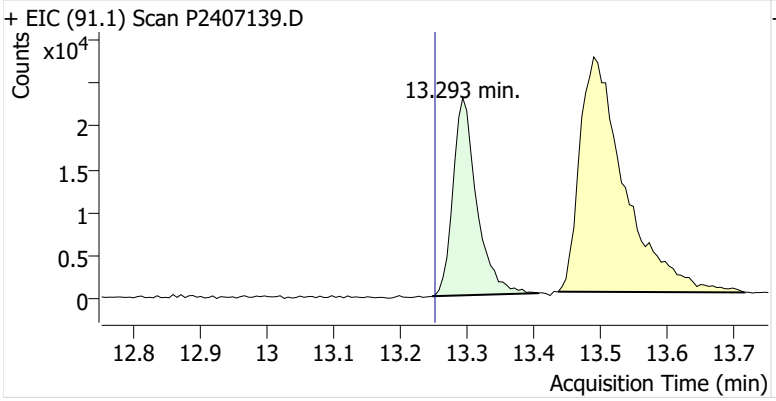


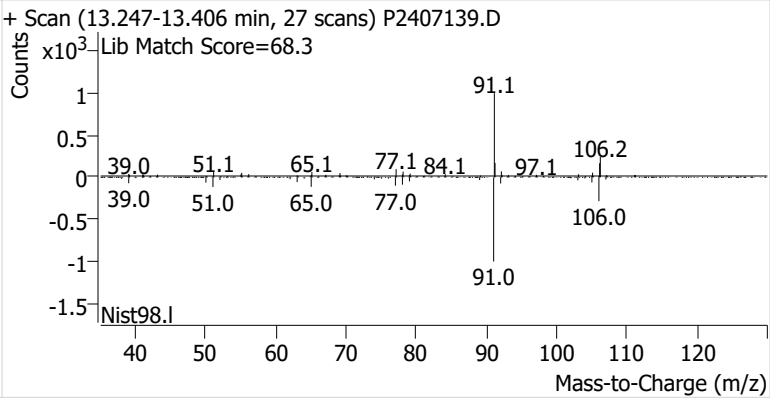
Toluene



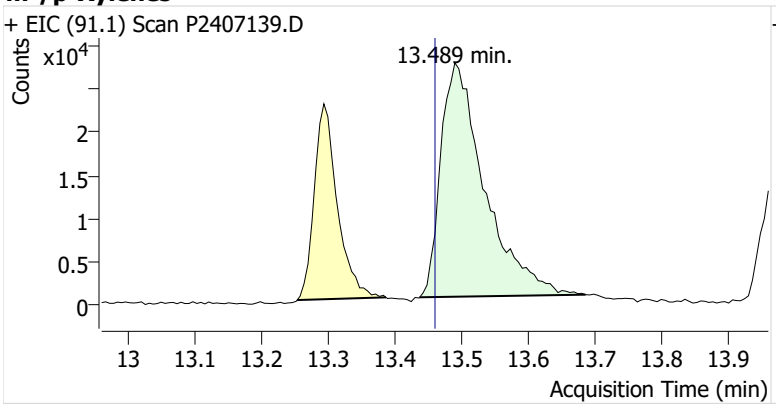


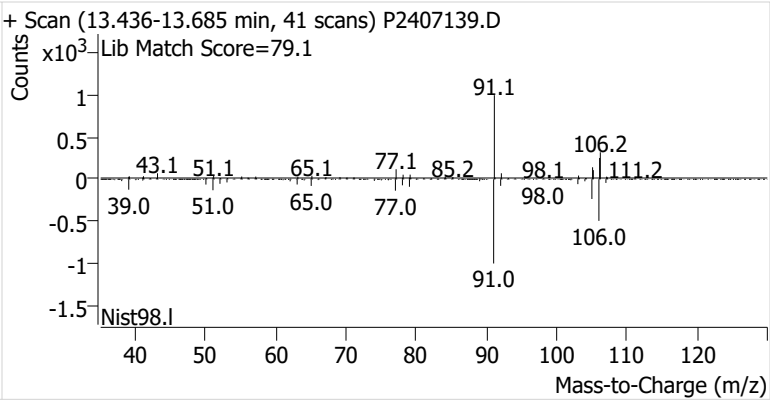
Ethylbenzene



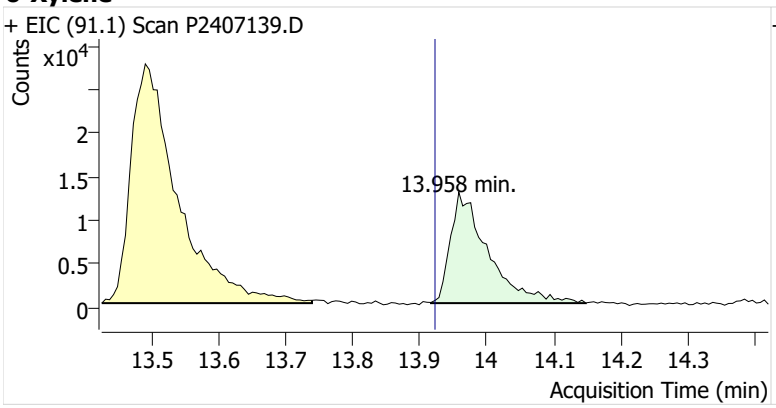


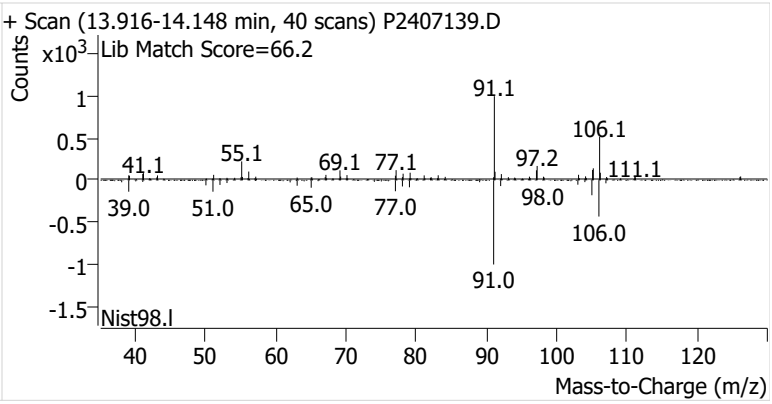
m-/p-Xylenes





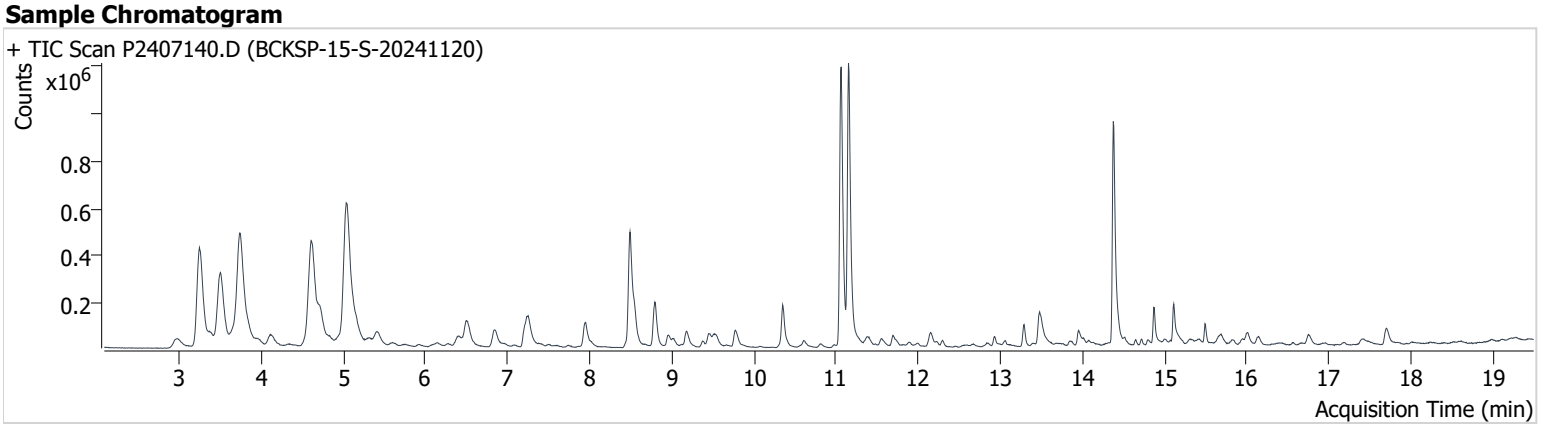
o-Xylene


+ EIC (91.1) Scan P2407139.D
Counts
x10^4
2
1.5
1
0.5
0
13.958 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.916-14.148 min, 40 scans) P2407139.D
Counts
x10^3
Lib Match Score=66.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

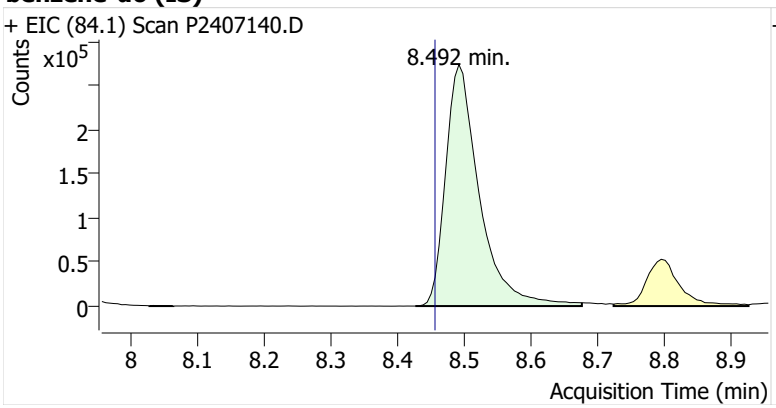
Name	BCKSP-15-S-20241120
Comment	B18510; Recollect
Data File	P2407140.D
Acq. Date-Time	12/11/2024 2:35:56 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

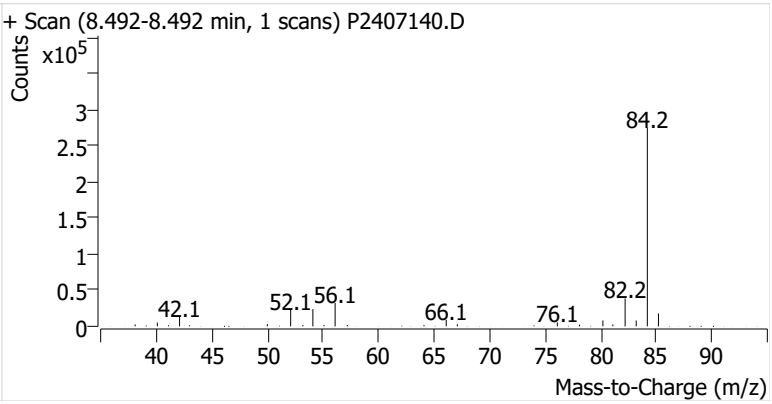
Sample Chromatogram



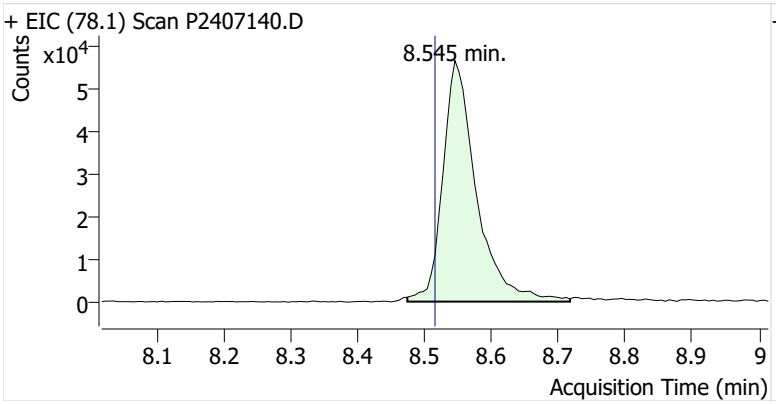
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.492	8.456	962,173	
Benzene	benzene-d6 (IS)	8.545	8.515	196,789	
Toluene-d8 (IS)		11.062	11.032	1,409,601	
Toluene	Toluene-d8 (IS)	11.151	11.121	1,493,096	
Ethylbenzene	Toluene-d8 (IS)	13.287	13.252	99,712	
m-/p-Xylenes	Toluene-d8 (IS)	13.477	13.459	225,567	
o-Xylene	Toluene-d8 (IS)	13.952	13.922	85,683	

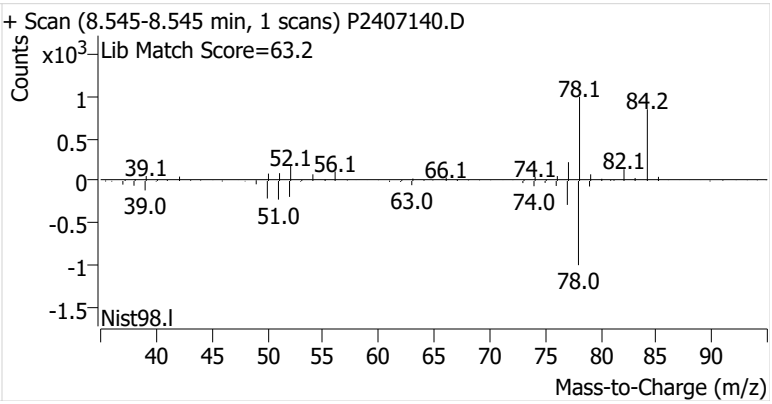
benzene-d6 (IS)



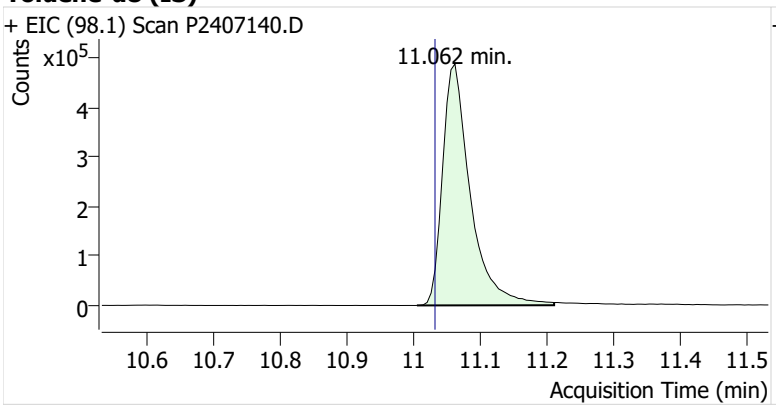


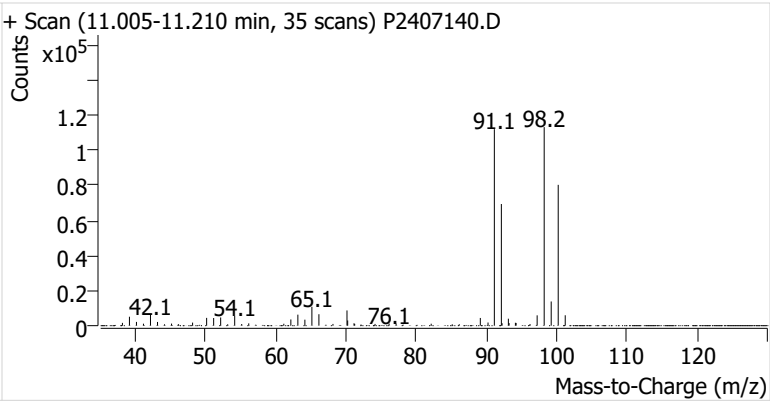
Benzene



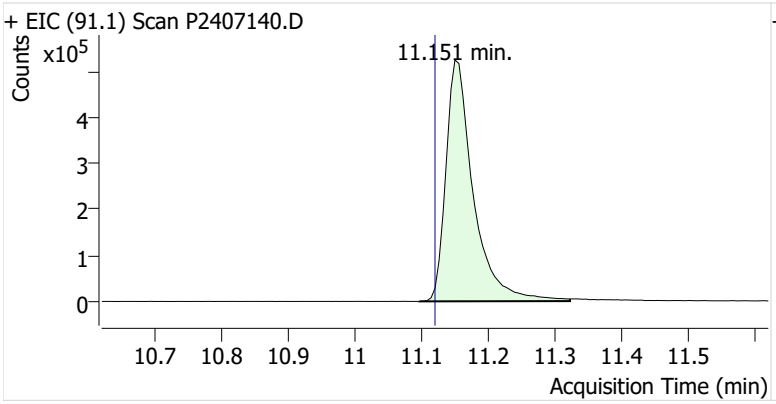


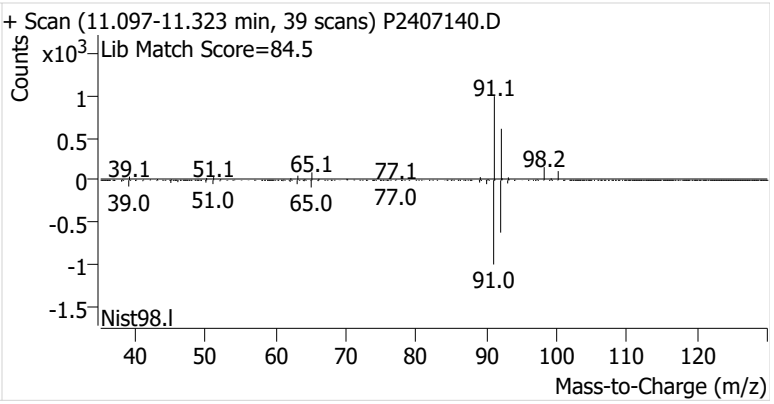
Toluene-d8 (IS)



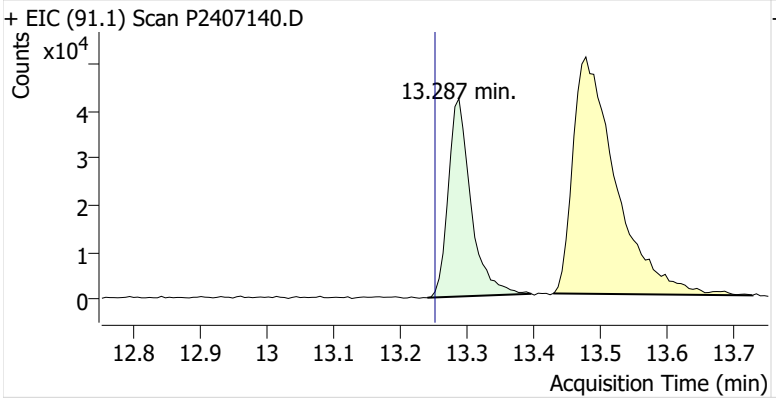


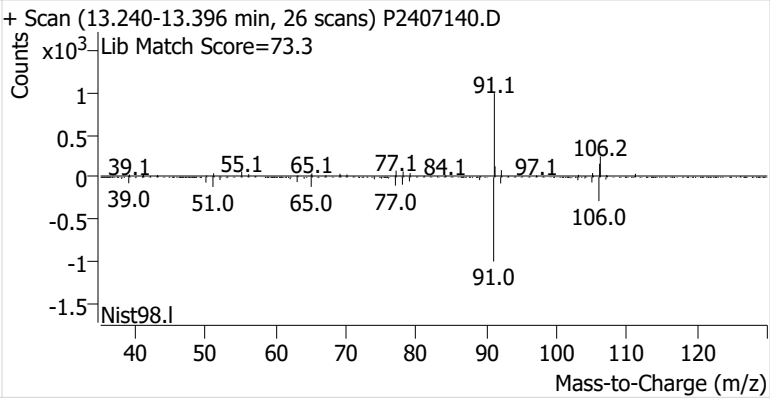
Toluene



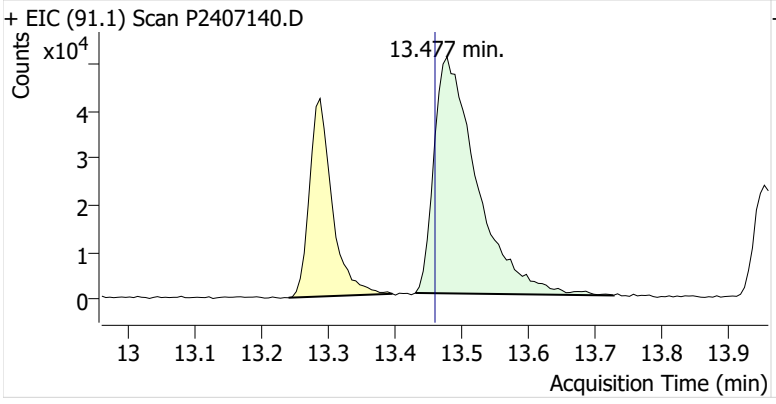


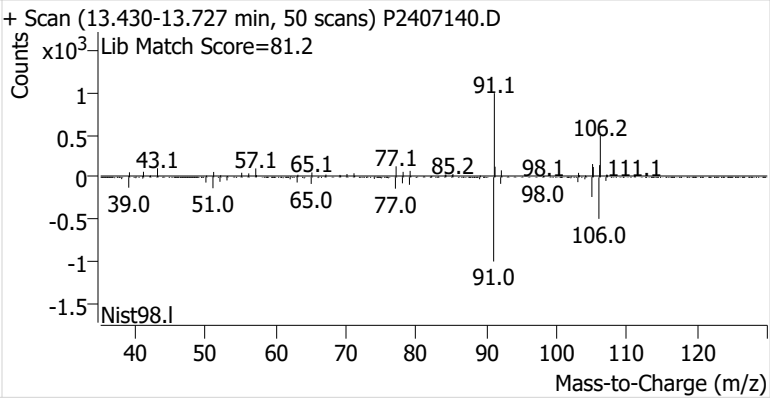
Ethylbenzene



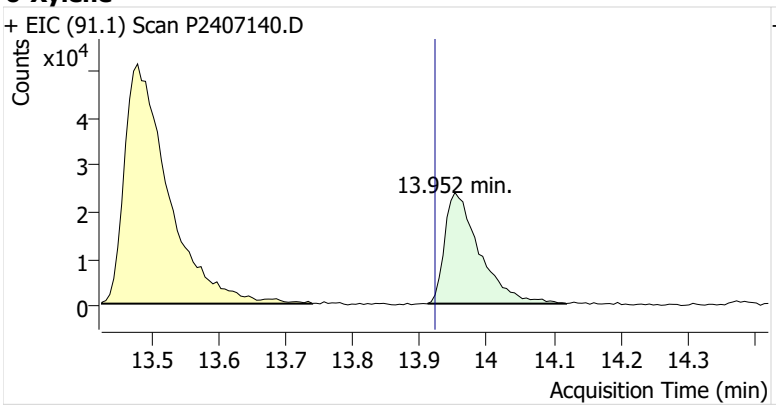


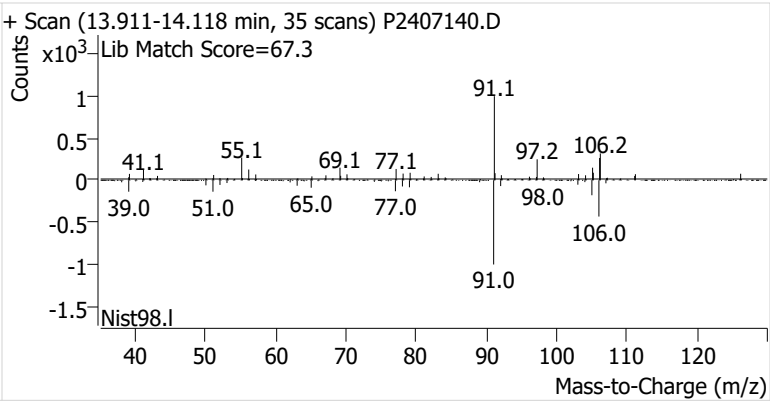
m-/p-Xylenes





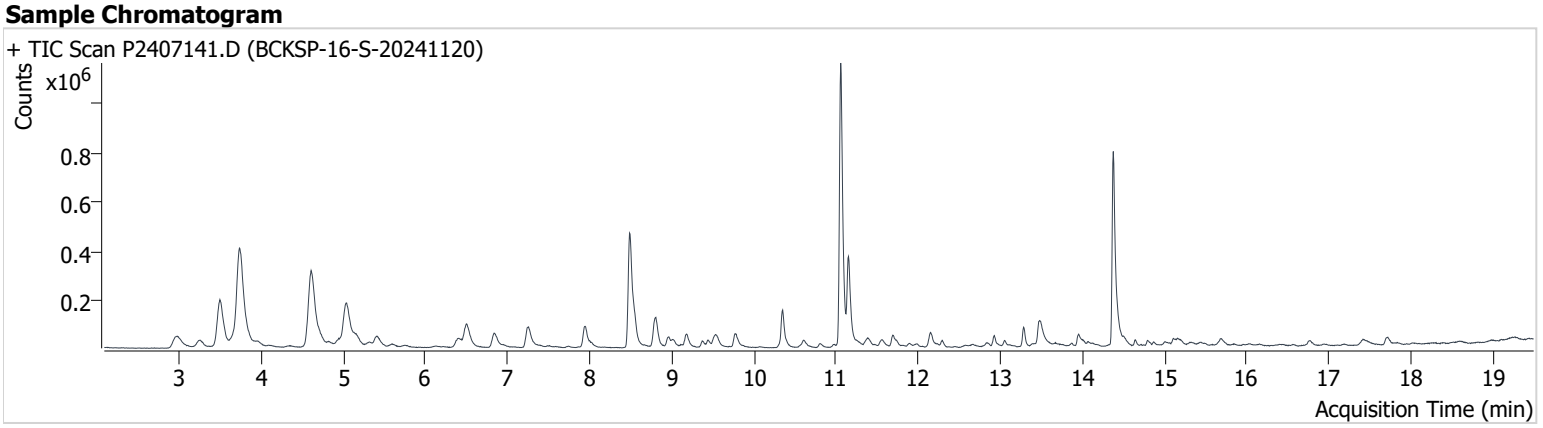
o-Xylene


+ EIC (91.1) Scan P2407140.D
Counts
x10^4
4
3
2
1
0
13.952 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.911-14.118 min, 35 scans) P2407140.D
Lib Match Score=67.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
69.1
77.1
97.2
106.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

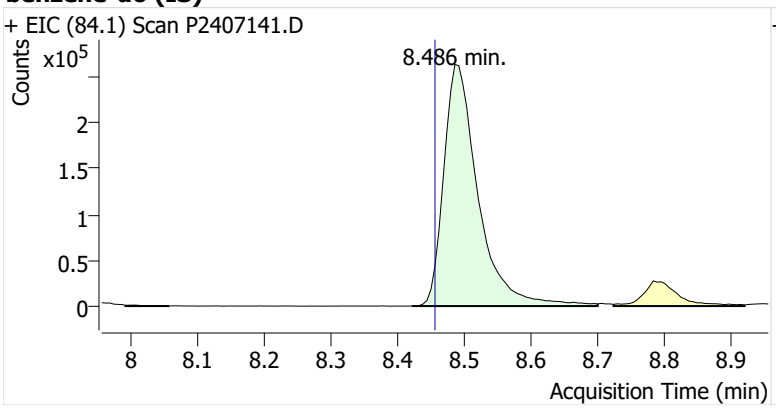
Name	BCKSP-16-S-20241120
Comment	B20913; Recollect
Data File	P2407141.D
Acq. Date-Time	12/11/2024 3:11:33 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

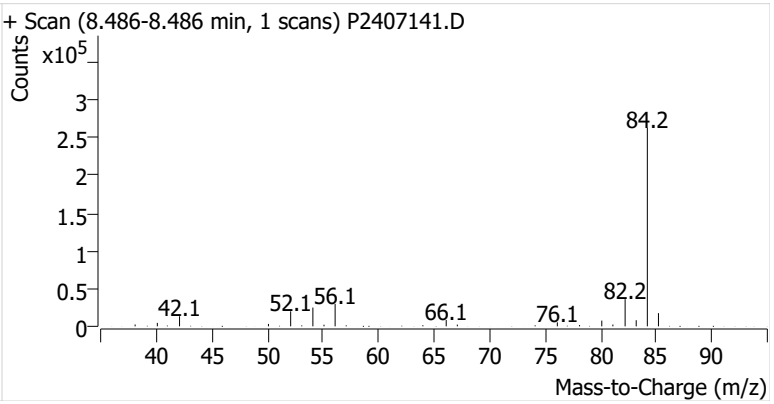
Sample Chromatogram



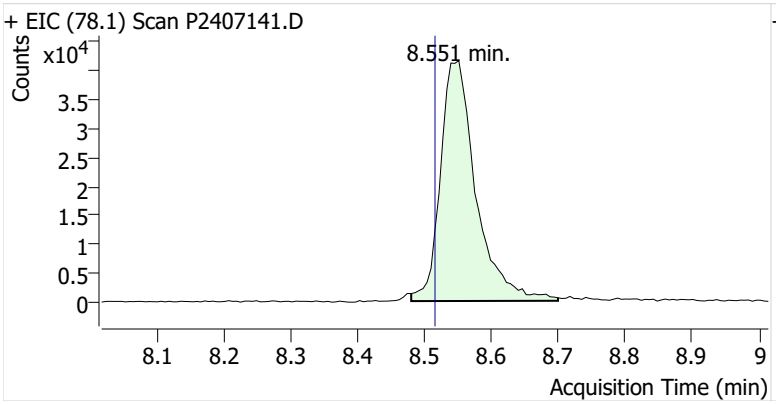
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.486	8.456	938,473	
Benzene	benzene-d6 (IS)	8.551	8.515	153,118	
Toluene-d8 (IS)		11.056	11.032	1,358,645	
Toluene	Toluene-d8 (IS)	11.151	11.121	427,112	
Ethylbenzene	Toluene-d8 (IS)	13.281	13.252	91,464	
m-/p-Xylenes	Toluene-d8 (IS)	13.483	13.459	186,383	
o-Xylene	Toluene-d8 (IS)	13.946	13.922	70,142	

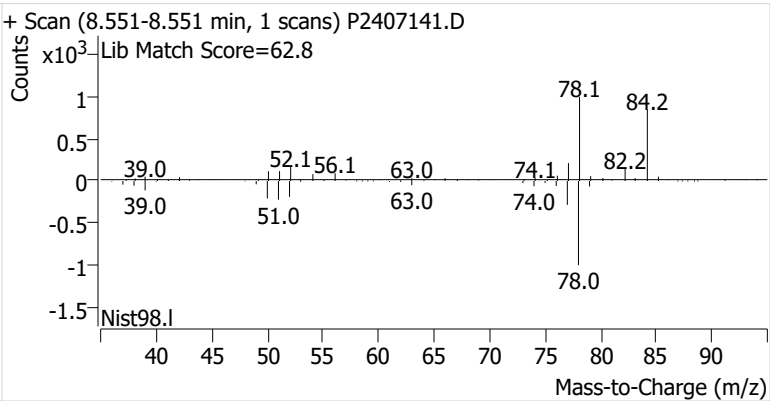
benzene-d6 (IS)



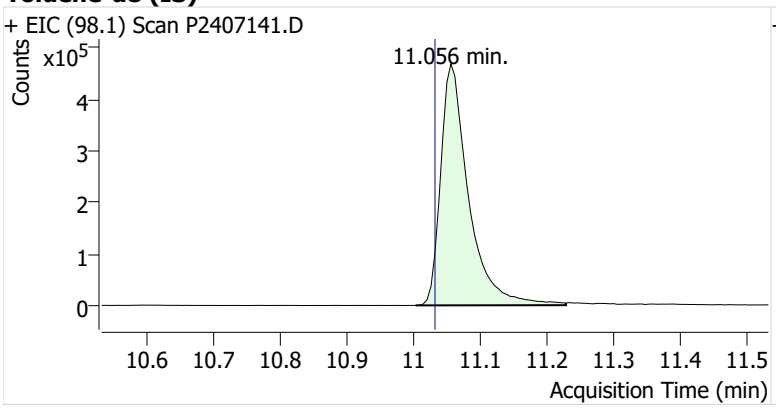


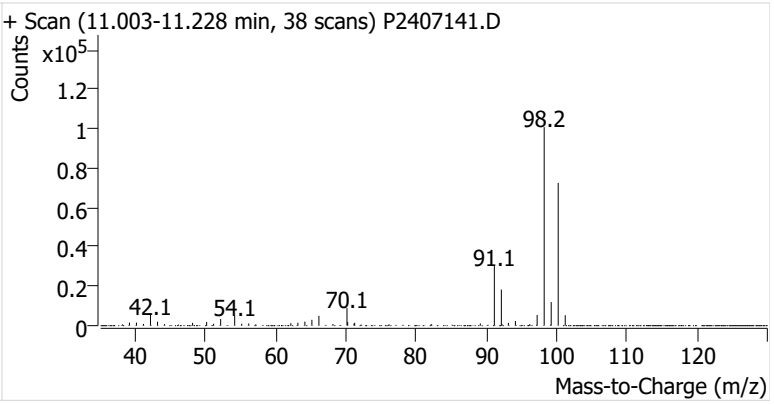
Benzene



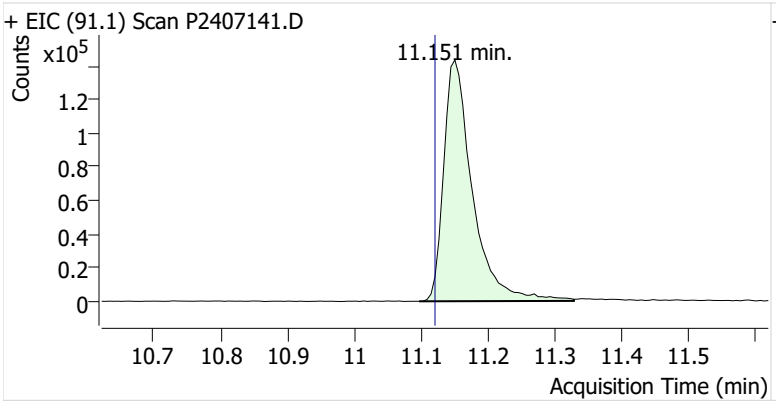


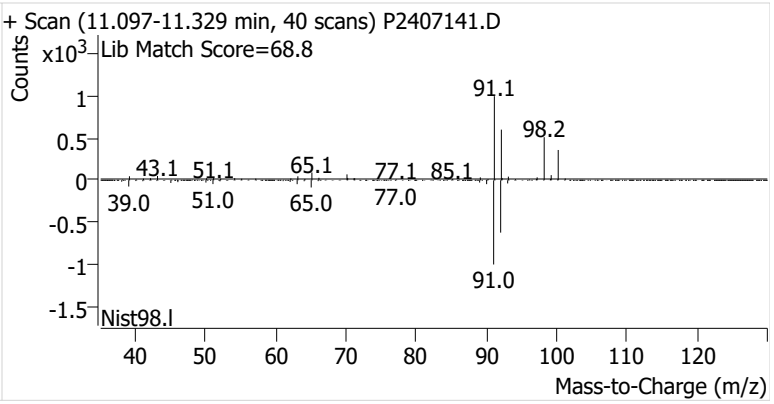
Toluene-d8 (IS)



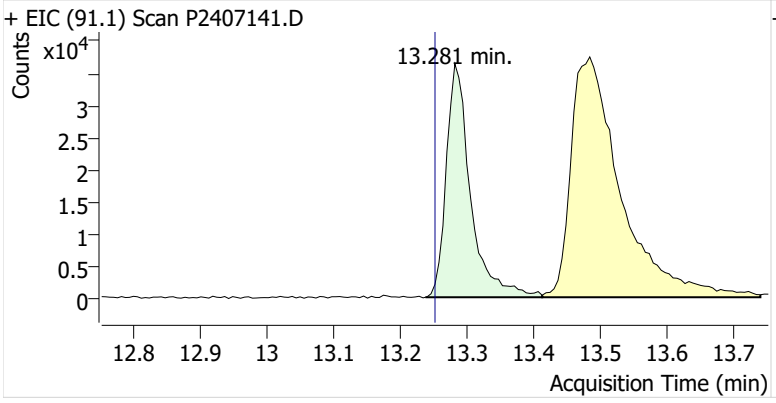


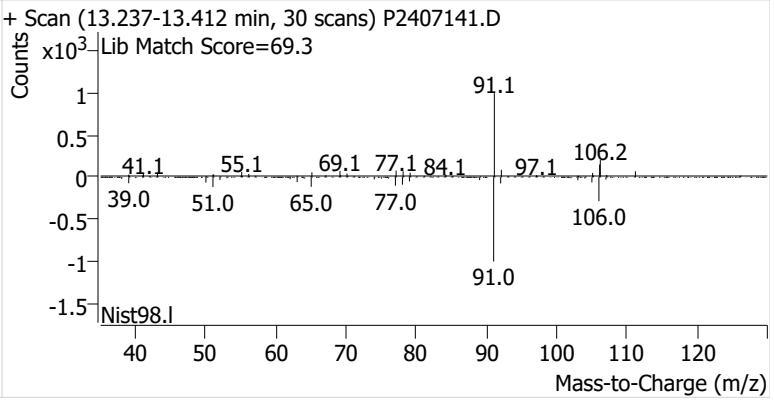
Toluene



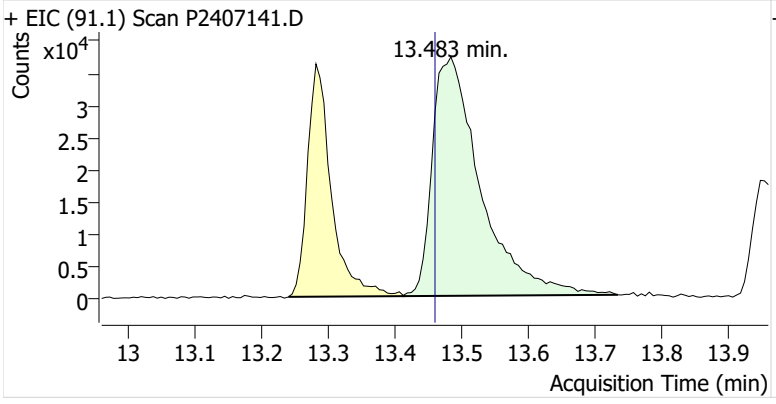


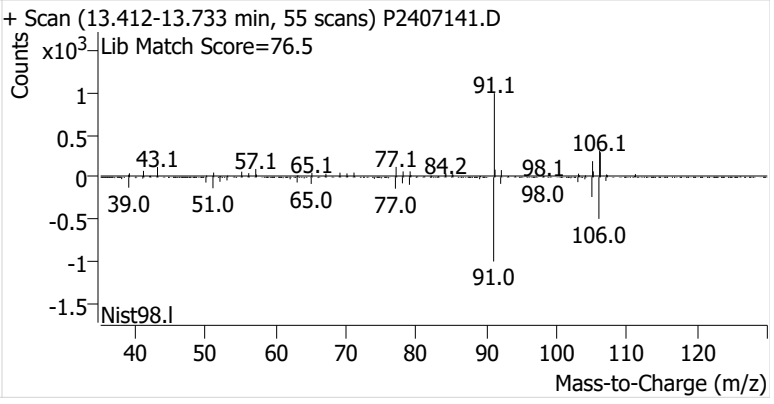
Ethylbenzene



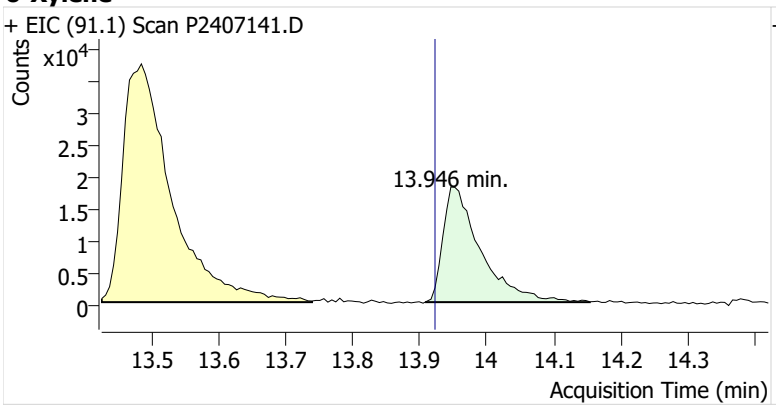


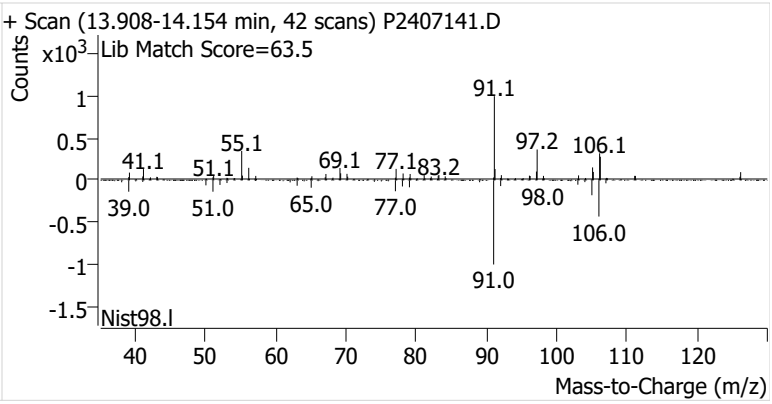
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan P2407141.D
Counts
x10^4
3
2.5
2
1.5
1
0.5
0
13.946 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.908-14.154 min, 42 scans) P2407141.D
Lib Match Score=63.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
55.1
41.1
51.1
69.1
77.1
83.2
97.2
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Calibration Summary Reports

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.905	0.979	0.905	-7.6%	8.8%		Pass	
2024GD405_Method Blank	Blank		0.979	0.905			-15%	Pass	ND
M325B CCV 5 REC	Check	0.883	0.979	0.905	-9.8%		-5.0%	Pass	
M325B CCV 5	Cal	0.894	0.979	0.894	-8.8%	9.7%	0.81%	Pass	
M325B CCV 5	Check	0.907	0.979	0.894	-7.4%		3.1%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.928	0.951	0.928	-2.4%	-5.4%		Pass	
2024GD405_Method Blank	Blank		0.951	0.928			-1.8%	Pass	ND
M325B CCV 5 REC	Check	0.942	0.951	0.928	-0.85%		4.6%	Pass	
M325B CCV 5	Cal	0.920	0.951	0.920	-3.2%	8.5%	15%	Pass	
M325B CCV 5	Check	0.986	0.951	0.920	3.7%		3.2%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.659	0.677	0.659	-2.7%	-5.4%		Pass	
2024GD405_Method Blank	Blank		0.677	0.659			-1.8%	Pass	ND
M325B CCV 5 REC	Check	0.666	0.677	0.659	-1.7%		4.6%	Pass	
M325B CCV 5	Cal	0.635	0.677	0.635	-6.2%	8.5%	15%	Pass	
M325B CCV 5	Check	0.734	0.677	0.635	8.5%		3.2%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.716	0.720	0.716	-0.51%	-5.4%		Pass	
2024GD405_Method Blank	Blank		0.720	0.716			-1.8%	Pass	ND
M325B CCV 5 REC	Check	0.753	0.720	0.716	4.6%		4.6%	Pass	
M325B CCV 5	Cal	0.737	0.720	0.737	2.3%	8.5%	15%	Pass	
M325B CCV 5	Check	0.783	0.720	0.737	8.7%		3.2%	Pass	

Toluene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.941	0.898	0.941	4.8%	-5.4%		Pass	
2024GD405_Method Blank	Blank		0.898	0.941			-1.8%	Pass	ND
M325B CCV 5 REC	Check	0.872	0.898	0.941	-2.9%		4.6%	Pass	
M325B CCV 5	Cal	0.840	0.898	0.840	-6.5%	8.5%	15%	Pass	
M325B CCV 5	Check	0.890	0.898	0.840	-0.96%		3.2%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A_BTEX_R1.quantmethod.xml	Benzene	1	P2404977.D	5.19	53200	91.7	825638	1.138	16%
P090624A_BTEX_R1.quantmethod.xml	Benzene	2	P2404978.D	10.38	91845	91.7	790527	1.026	4.8%
P090624A_BTEX_R1.quantmethod.xml	Benzene	3	P2404979.D	20.76	168704	91.7	766300	0.972	-0.72%
P090624A_BTEX_R1.quantmethod.xml	Benzene	4	P2404980.D	41.51	319641	91.7	739567	0.954	-2.5%
P090624A_BTEX_R1.quantmethod.xml	Benzene	5	P2404981.D	103.78	770808	91.7	741300	0.919	-6.2%
P090624A_BTEX_R1.quantmethod.xml	Benzene	6	P2404982.D	207.57	1506802	91.7	718096	0.927	-5.4%
P090624A_BTEX_R1.quantmethod.xml	Benzene	7	P2404983.D	622.70	4556203	91.7	729727	0.919	-6.1%
						Avg:	758736	0.979	
						%RSD:	5.0%	8.2%	
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	1	P2404977.D	5.33	56151	108.1	1169254	0.974	2.4%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	2	P2404978.D	10.67	105621	108.1	1107038	0.967	1.7%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	3	P2404979.D	21.33	219430	108.1	1067634	1.042	9.6%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	4	P2404980.D	42.67	414505	108.1	1079066	0.973	2.4%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	5	P2404981.D	106.66	889663	108.1	1042115	0.865	-9.0%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	6	P2404982.D	213.33	1888178	108.1	1053728	0.908	-4.5%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	7	P2404983.D	639.99	5839841	108.1	1066774	0.925	-2.7%
						Avg:	1083659	0.951	
						%RSD:	4.0%	6.0%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	1	P2404977.D	5.37	41219	108.1	1169254	0.710	4.9%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	2	P2404978.D	10.74	70608	108.1	1107038	0.642	-5.1%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	3	P2404979.D	21.47	173334	108.1	1067634	0.817	21%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	4	P2404980.D	42.95	287337	108.1	1079066	0.670	-0.95%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	5	P2404981.D	107.36	601872	108.1	1042115	0.582	-14%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	6	P2404982.D	214.73	1307488	108.1	1053728	0.625	-7.7%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	7	P2404983.D	644.18	4394447	108.1	1066774	0.691	2.1%
						Avg:	1083659	0.677	
						%RSD:	4.0%	11%	
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	1	P2404977.D	5.40	44196	108.1	1169254	0.757	5.1%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	2	P2404978.D	10.80	82293	108.1	1107038	0.745	3.4%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	3	P2404979.D	21.59	162748	108.1	1067634	0.763	6.0%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	4	P2404980.D	43.18	323877	108.1	1079066	0.752	4.4%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	5	P2404981.D	107.95	690821	108.1	1042115	0.664	-7.8%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	6	P2404982.D	215.90	1404667	108.1	1053728	0.668	-7.3%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	7	P2404983.D	647.71	4429477	108.1	1066774	0.693	-3.8%
						Avg:	1083659	0.720	
						%RSD:	4.0%	6.1%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD405-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A_BTEX_R1.quantmethod.xml	Toluene	1	P2404977.D	5.39	60242	108.1	1169254	1.034	15%
P090624A_BTEX_R1.quantmethod.xml	Toluene	2	P2404978.D	10.78	103782	108.1	1107038	0.940	4.7%
P090624A_BTEX_R1.quantmethod.xml	Toluene	3	P2404979.D	21.56	201417	108.1	1067634	0.946	5.3%
P090624A_BTEX_R1.quantmethod.xml	Toluene	4	P2404980.D	43.11	378117	108.1	1079066	0.879	-2.2%
P090624A_BTEX_R1.quantmethod.xml	Toluene	5	P2404981.D	107.78	866654	108.1	1042115	0.834	-7.1%
P090624A_BTEX_R1.quantmethod.xml	Toluene	6	P2404982.D	215.56	1738243	108.1	1053728	0.827	-7.9%
P090624A_BTEX_R1.quantmethod.xml	Toluene	7	P2404983.D	646.68	5279870	108.1	1066774	0.828	-7.9%
						Avg:	1083659	0.898	
						%RSD:	4.0%	8.7%	
P090624A_BTEX_R1.quantmethod.xml	Benzene	ICV	P2404984.D	63.61	412010	91.7	731399	0.812	-17%
P090624A_BTEX_R1.quantmethod.xml	Ethylbenzene	ICV	P2404984.D	85.41	703130	108.1	1042671	0.854	-10%
P090624A_BTEX_R1.quantmethod.xml	m-/p-Xylenes	ICV	P2404984.D	88.90	563818	108.1	1042671	0.658	-2.8%
P090624A_BTEX_R1.quantmethod.xml	o-Xylene	ICV	P2404984.D	87.50	558957	108.1	1042671	0.662	-8%
P090624A_BTEX_R1.quantmethod.xml	Toluene	ICV	P2404984.D	75.87	552004	108.1	1042671	0.754	-16%

This Is The Last Page Of This Report.

Buckeye – South Portland

170 Lincoln Street
South Portland, ME 04106

Sampling Event 10
PROJ-031334

Analytical Report
(2024GD406-A)

EPA Method 325B
Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene

Report Submitted By:
Montrose Air Quality Services LLC – Pine Brook, NJ

Enthalpy Analytical, LLC
Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of a report are not taken out of context.

QA Review Performed by
Eneko Etxauri Otegi
QA Associate I

Report Issued: 01/02/2025

ENTHALPY
ANALYTICAL

Summary of Results

ENTHALPY ANALYTICAL

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Summary

Sample Code	Tube ID	Benzene (ug/m³)	Flag	Ethylbenzene (ug/m³)	Flag	m-/p-Xylenes (ug/m³)	Flag	o-Xylene (ug/m³)	Flag	Toluene (ug/m³)	Flag
BCKSP-1-S-20241204	C56808	1.48		0.933		3.00		1.12	J	8.17	B,P
BCKSP-2-S-20241204	C56875	1.54		1.12		3.58		1.27		5.59	B,P
BCKSP-3-S-20241204	C00680	1.76		1.43		3.84		1.34		9.18	P
BCKSP-4-S-20241204	B50576	1.71		1.24		3.83		1.40		15.1	P
BCKSP-5-S-20241204	C00665	1.91		1.09		3.25		1.17		7.00	B,P
BCKSP-5-D-20241204	C01311	2.20		1.31		3.80		1.38		16.7	P
BCKSP-5-B-20241204	C56832		ND		ND		ND		ND		ND,P
BCKSP-6-S-20241204	C40563	2.24		1.60		4.84		1.77		17.1	P
BCKSP-7-S-20241204	B50870	3.70		2.46		7.08		2.52		24.1	P
BCKSP-8-S-20241204	B27870	5.26		3.51		10.9		4.02		38.5	P
BCKSP-9-S-20241204	C40528	5.50		3.22		10.2		3.67		36.1	P
BCKSP-10-S-20241204	B19802	4.00		2.75		8.06		2.84		41.9	P
BCKSP-11-S-20241204	C40190	2.80		1.86		5.40		1.91		56.4	P
BCKSP-12-S-20241204	C33484	2.63		1.74		5.44		1.94		38.3	P
BCKSP-13-S-20241204	C40654	2.47		1.63		5.34		1.89		22.4	P
BCKSP-14-S-20241204	C43661	1.61		1.02		3.23		1.16		19.3	P
BCKSP-14-D-20241204	B44221	1.75		0.862		2.77		0.979	J	6.42	B,P
BCKSP-14-B-20241204	B34036		ND		ND		ND		ND	2.79	P
BCKSP-15-S-20241204	C01610	1.98		0.989		2.61		0.938	J	8.11	B,P
BCKSP-16-S-20241204	C36881	1.69		0.860		2.48		0.923	J	9.32	P

B: Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241204	C56808	1.48	0.464	19.1	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-2-S-20241204	C56875	1.54	0.481	19.8	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-3-S-20241204	C00680	1.76	0.551	22.7	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-4-S-20241204	B50576	1.71	0.535	22.1	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-5-S-20241204	C00665	1.91	0.598	24.7	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-5-D-20241204	C01311	2.20	0.690	28.5	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-5-B-20241204	C56832				29.6	0.640	20,190	0.194	0.387	0.0606	0.121	ND
BCKSP-6-S-20241204	C40563	2.24	0.701	28.9	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-7-S-20241204	B50870	3.70	1.16	47.8	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-8-S-20241204	B27870	5.26	1.65	67.9	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-9-S-20241204	C40528	5.50	1.72	71.1	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-10-S-20241204	B19802	4.00	1.25	51.7	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-11-S-20241204	C40190	2.80	0.877	36.2	29.6	0.640	20,190	0.194	0.387	0.0606	0.121	
BCKSP-12-S-20241204	C33484	2.63	0.825	34.0	29.7	0.640	20,195	0.193	0.387	0.0606	0.121	
BCKSP-13-S-20241204	C40654	2.47	0.772	31.9	29.7	0.640	20,195	0.193	0.387	0.0606	0.121	
BCKSP-14-S-20241204	C43661	1.61	0.506	20.9	29.7	0.640	20,195	0.193	0.387	0.0606	0.121	
BCKSP-14-D-20241204	B44221	1.75	0.550	22.7	29.7	0.640	20,195	0.193	0.387	0.0606	0.121	
BCKSP-14-B-20241204	B34036				29.7	0.640	20,195	0.193	0.387	0.0606	0.121	ND
BCKSP-15-S-20241204	C01610	1.98	0.620	25.6	29.7	0.640	20,200	0.193	0.387	0.0606	0.121	
BCKSP-16-S-20241204	C36881	1.69	0.529	21.8	29.7	0.640	20,200	0.193	0.387	0.0606	0.121	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241204	C56808	0.933	0.215	8.28	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-2-S-20241204	C56875	1.12	0.258	9.93	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-3-S-20241204	C00680	1.43	0.329	12.7	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-4-S-20241204	B50576	1.24	0.285	11.0	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-5-S-20241204	C00665	1.09	0.250	9.64	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-5-D-20241204	C01311	1.31	0.302	11.6	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-5-B-20241204	C56832				29.6	0.439	20,190	0.282	0.586	0.0650	0.135	ND
BCKSP-6-S-20241204	C40563	1.60	0.369	14.2	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-7-S-20241204	B50870	2.46	0.567	21.8	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-8-S-20241204	B27870	3.51	0.808	31.1	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-9-S-20241204	C40528	3.22	0.741	28.5	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-10-S-20241204	B19802	2.75	0.635	24.4	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-11-S-20241204	C40190	1.86	0.428	16.5	29.6	0.439	20,190	0.282	0.586	0.0650	0.135	
BCKSP-12-S-20241204	C33484	1.74	0.400	15.4	29.7	0.439	20,195	0.282	0.586	0.0649	0.135	
BCKSP-13-S-20241204	C40654	1.63	0.376	14.5	29.7	0.439	20,195	0.282	0.586	0.0649	0.135	
BCKSP-14-S-20241204	C43661	1.02	0.234	9.02	29.7	0.439	20,195	0.282	0.586	0.0649	0.135	
BCKSP-14-D-20241204	B44221	0.862	0.199	7.65	29.7	0.439	20,195	0.282	0.586	0.0649	0.135	
BCKSP-14-B-20241204	B34036				29.7	0.439	20,195	0.282	0.586	0.0649	0.135	ND
BCKSP-15-S-20241204	C01610	0.989	0.228	8.78	29.7	0.439	20,200	0.282	0.586	0.0649	0.135	
BCKSP-16-S-20241204	C36881	0.860	0.198	7.63	29.7	0.439	20,200	0.282	0.586	0.0649	0.135	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241204	C56808	3.00	0.692	26.6	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-2-S-20241204	C56875	3.58	0.825	31.8	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-3-S-20241204	C00680	3.84	0.884	34.0	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-4-S-20241204	B50576	3.83	0.884	34.0	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-5-S-20241204	C00665	3.25	0.750	28.9	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-5-D-20241204	C01311	3.80	0.876	33.7	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-5-B-20241204	C56832				29.6	0.439	20,190	0.282	0.553	0.0650	0.128	ND
BCKSP-6-S-20241204	C40563	4.84	1.12	42.9	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-7-S-20241204	B50870	7.08	1.63	62.8	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-8-S-20241204	B27870	10.9	2.51	96.7	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-9-S-20241204	C40528	10.2	2.34	90.1	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-10-S-20241204	B19802	8.06	1.86	71.5	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-11-S-20241204	C40190	5.40	1.24	47.9	29.6	0.439	20,190	0.282	0.553	0.0650	0.128	
BCKSP-12-S-20241204	C33484	5.44	1.25	48.2	29.7	0.439	20,195	0.282	0.553	0.0649	0.127	
BCKSP-13-S-20241204	C40654	5.34	1.23	47.4	29.7	0.439	20,195	0.282	0.553	0.0649	0.127	
BCKSP-14-S-20241204	C43661	3.23	0.745	28.7	29.7	0.439	20,195	0.282	0.553	0.0649	0.127	
BCKSP-14-D-20241204	B44221	2.77	0.639	24.6	29.7	0.439	20,195	0.282	0.553	0.0649	0.127	
BCKSP-14-B-20241204	B34036				29.7	0.439	20,195	0.282	0.553	0.0649	0.127	ND
BCKSP-15-S-20241204	C01610	2.61	0.602	23.2	29.7	0.439	20,200	0.282	0.553	0.0649	0.127	
BCKSP-16-S-20241204	C36881	2.48	0.572	22.0	29.7	0.439	20,200	0.282	0.553	0.0649	0.127	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241204	C56808	1.12	0.258	9.91	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	J
BCKSP-2-S-20241204	C56875	1.27	0.293	11.3	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-3-S-20241204	C00680	1.34	0.309	11.9	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-4-S-20241204	B50576	1.40	0.322	12.4	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-5-S-20241204	C00665	1.17	0.271	10.4	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-5-D-20241204	C01311	1.38	0.318	12.2	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-5-B-20241204	C56832				29.6	0.439	20,190	0.282	1.14	0.0650	0.263	ND
BCKSP-6-S-20241204	C40563	1.77	0.407	15.7	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-7-S-20241204	B50870	2.52	0.582	22.4	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-8-S-20241204	B27870	4.02	0.925	35.6	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-9-S-20241204	C40528	3.67	0.846	32.6	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-10-S-20241204	B19802	2.84	0.654	25.2	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-11-S-20241204	C40190	1.91	0.440	16.9	29.6	0.439	20,190	0.282	1.14	0.0650	0.263	
BCKSP-12-S-20241204	C33484	1.94	0.446	17.2	29.7	0.439	20,195	0.282	1.14	0.0649	0.263	
BCKSP-13-S-20241204	C40654	1.89	0.437	16.8	29.7	0.439	20,195	0.282	1.14	0.0649	0.263	
BCKSP-14-S-20241204	C43661	1.16	0.268	10.3	29.7	0.439	20,195	0.282	1.14	0.0649	0.263	
BCKSP-14-D-20241204	B44221	0.979	0.226	8.68	29.7	0.439	20,195	0.282	1.14	0.0649	0.263	J
BCKSP-14-B-20241204	B34036				29.7	0.439	20,195	0.282	1.14	0.0649	0.263	ND
BCKSP-15-S-20241204	C01610	0.938	0.216	8.32	29.7	0.439	20,200	0.282	1.14	0.0649	0.263	J
BCKSP-16-S-20241204	C36881	0.923	0.213	8.19	29.7	0.439	20,200	0.282	1.14	0.0649	0.263	J

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20241204	C56808	8.17	2.17	81.9	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	B,P
BCKSP-2-S-20241204	C56875	5.59	1.48	56.0	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	B,P
BCKSP-3-S-20241204	C00680	9.18	2.44	92.1	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	P
BCKSP-4-S-20241204	B50576	15.1	4.01	151	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	P
BCKSP-5-S-20241204	C00665	7.00	1.86	70.2	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	B,P
BCKSP-5-D-20241204	C01311	16.7	4.45	168	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	P
BCKSP-5-B-20241204	C56832				29.6	0.497	20,190	0.249	0.539	0.0662	0.143	ND,P
BCKSP-6-S-20241204	C40563	17.1	4.53	171	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	P
BCKSP-7-S-20241204	B50870	24.1	6.40	242	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	P
BCKSP-8-S-20241204	B27870	38.5	10.2	386	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	P
BCKSP-9-S-20241204	C40528	36.1	9.59	362	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	P
BCKSP-10-S-20241204	B19802	41.9	11.1	420	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	P
BCKSP-11-S-20241204	C40190	56.4	15.0	565	29.6	0.497	20,190	0.249	0.539	0.0662	0.143	P
BCKSP-12-S-20241204	C33484	38.3	10.2	384	29.7	0.497	20,195	0.249	0.539	0.0662	0.143	P
BCKSP-13-S-20241204	C40654	22.4	5.95	225	29.7	0.497	20,195	0.249	0.539	0.0662	0.143	P
BCKSP-14-S-20241204	C43661	19.3	5.14	194	29.7	0.497	20,195	0.249	0.539	0.0662	0.143	P
BCKSP-14-D-20241204	B44221	6.42	1.70	64.3	29.7	0.497	20,195	0.249	0.539	0.0662	0.143	B,P
BCKSP-14-B-20241204	B34036	2.79	0.741	28.0	29.7	0.497	20,195	0.249	0.539	0.0662	0.143	P
BCKSP-15-S-20241204	C01610	8.11	2.15	81.3	29.7	0.497	20,200	0.249	0.539	0.0662	0.143	B,P
BCKSP-16-S-20241204	C36881	9.32	2.47	93.5	29.7	0.497	20,200	0.249	0.539	0.0662	0.143	P

B: Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD

QC

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		m-/p-Xylenes		o-Xylene		Toluene	
Blanks (ug/m³)	BCKSP-5-B-20241204	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	BCKSP-14-B-20241204	ND	Pass	ND	Pass	ND	Pass	ND	Pass	2.79	Fail
Duplicates (difference)	BCKSP-5-D-20241204	14%	Pass	19%	Pass	15%	Pass	16%	Pass	82%	P
	BCKSP-14-D-20241204	8.3%	Pass	16%	Pass	15%	Pass	17%	Pass	100%	P

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	Buckeye – South Portland
Project	PROJ-031334
Report #	2024GD406-A

Custody	Enthalpy Analytical, LLC received the sample tubes on 12/20/24. The samples were received in good condition at a temperature of 14.2 ºC. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for Benzene, Toluene, Ethylbenzene, o-Xylene, and m-/p-Xylenes using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The lowest level for the initial calibration did not meet method criteria for o-xylene and has been excluded from the curve for o-xylene. This results in the LOQ (Limit of Quantitation) being elevated for o-xylene. The integrity of the reported data is not compromised. The initial calibration met all other 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below. Toluene was detected in field blank BCKSP-14-B-20241204 (tube ID B34036) at a concentration greater than one-third of the concentration of several samples, all of which have been flagged “B” and should be considered estimated due to a possible high bias contributed by background levels. The source of the low-level contamination is not known but could be the result of artifacts on the tube, media/sample handling, analytical bias, or a combination thereof. The primary sample BCKSP-5-S-20241204 (tube ID C00665) and its corresponding duplicate BCKSP-5-D-20241204 (tube ID C01311), as well as the primary sample BCKSP-14-S-20241204 (tube ID C43661) and its corresponding duplicate BCKSP-14-D-20241204 (tube ID B44221) failed to meet the 30% difference criterion for toluene specified by the method. All

Enthalpy Analytical Narrative Summary
(continued)

	samples in the data set have been flagged "P" for toluene only to denote this failure.
Reporting Notes	The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged. As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks. All samples were reported as amount in ng catch, and concentration in µg/m3 and ppbv. The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Sample Custody

2024GD406

ENTHALPY ANALYTICAL

EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 1 of # 3

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye South Portland Terminal	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROJ - 031334	**Sample Event #**	
City:	South Portland	**Project Manager:**	Haig Brochu	**Sorbent:**	
State	Maine	**Email Address:**	haigbrochu@Montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C56808	S	12/4/24	9:30 AM	12/18/24	10:00 AM	HFB/HFB		
2	C56875	S	12/4/24	9:35 AM	12/18/24	10:05 AM	HFB/HFB		
3	C00680	S	12/4/24	9:40 AM	12/18/24	10:10 AM	HFB/HFB		
4	B50576	S	12/4/24	9:45 AM	12/18/24	10:15 AM	HFB/HFB		
5	C00665	S	12/4/24	9:50 AM	12/18/24	10:20 AM	HFB/HFB		
5	C01311	D	12/4/24	9:50 AM	12/18/24	10:20 AM	HFB/HFB		
5	C56832	B	12/4/24	9:50 AM	12/18/24	10:20 AM	HFB/HFB		
6	C40563	S	12/4/24	10:00 AM	12/18/24	10:30 AM	HFB/HFB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brochu	Haig Brochu	12/19/2024	16:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Kimberly Sheridan	Kimberly Sheridan	12/20/24	10:00
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good - See below 9p3		Y	
Ice Temp: / **Blank Temp:** 14.2 / FLUKE #7A		**Add Custody Seal # below:** 24H13290	

Comments: Box smells strongly of smoke – LCAS 12/20/24

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

ENTHALPY ANALYTICAL

EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 2 of # 3

☐ Standard Turn Around Time (10 business days)

☐ Rush Turn Around Time

• All TATs Subject to Approval by Enthalpy Analytical, Inc.

• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye South Portland Terminal;	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROJ - 031334	**Sample Event #**	
City:	South Portland	**Project Manager:**	Haig Brochu	**Sorbent:**	
State	Maine	**Email Address:**	haigbrochu@Montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
7	B50870	S	12/4/24	10:05 AM	12/18/24	10:35 AM	HFB/HFB		
8	B27870	S	12/4/24	10:10 AM	12/18/24	10:40 AM	HFB/HFB		
9	C40528	S	12/4/24	10:15 AM	12/18/24	10:45 AM	HFB/HFB		
10	B19802	S	12/4/24	10:20 AM	12/18/24	10:50 AM	HFB/HFB		
11	C40190	S	12/4/24	10:25 AM	12/18/24	10:55 AM	HFB/HFB		
12	C33484	S	12/4/24	10:35 AM	12/18/24	11:10 AM	HFB/HFB		
13	C40654	S	12/4/24	10:40 AM	12/18/24	11:15 AM	HFB/HFB		
14	C43661	S	12/4/24	10:45 AM	12/18/24	11:20 AM	HFB/HFB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brochu	Haig Brochu	12/19/2024	16:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Kimberly Sheridan	Kimberly Sheridan	12/20/24	10:00

Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good - See pl +3		Y	
Ice Temp:	**Blank Temp:** 14.2 FLUKE #7A	**Add Custody Seal # below:** 24H 13290	

Comments:

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

EPA Method 325 A/B
Field Test Data Sheet and Chain of Custody Record

Page # 3 of # 3

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Buckeye South Portland Terminal	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROJ - 031334	**Sample Event #**	
City:	South Portland	**Project Manager:**	Haig Brochu	**Sorbent:**	
State	Maine	**Email Address:**	haigbrochu@Montrose-env.com		
Zip:	04106	**Telephone #:**	207-441-0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
14	C36886	B44221 D	12/4/24	10:45 AM	12/18/24	11:20 AM	HFB/HFB		
14	B48134	B34036 B	12/4/24	10:45 AM	12/18/24	11:20 AM	HFB/HFB		
15	C43926	C01610 S	12/4/24	10:50 AM	12/18/24	11:30 AM	HFB/HFB		
16	C01880	C36881 S	12/4/24	10:55 AM	12/18/24	11:35 AM	HFB/HFB		
		Wrong tube IDs; Lucky tube containers had locations on them – KAS 12/20/24							

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brochu	Haig Brochu	12/19/2024	16:00
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Kimberly Shendan	Kimberly Shendan	12/20/24	10:00

Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good – See Note above	9 PI #7A	Y	
Ice Temp: / **Blank Temp:** 14.2 FLUKE		Add Custody Seal # below: 24H 13290	

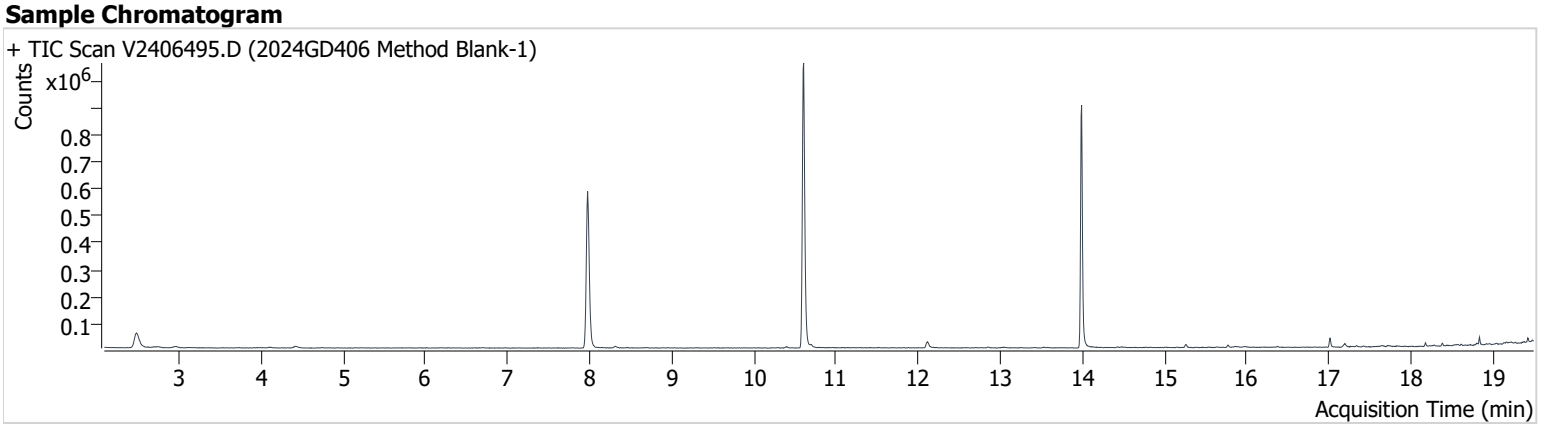
Comments:

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

Sample Chromatograms

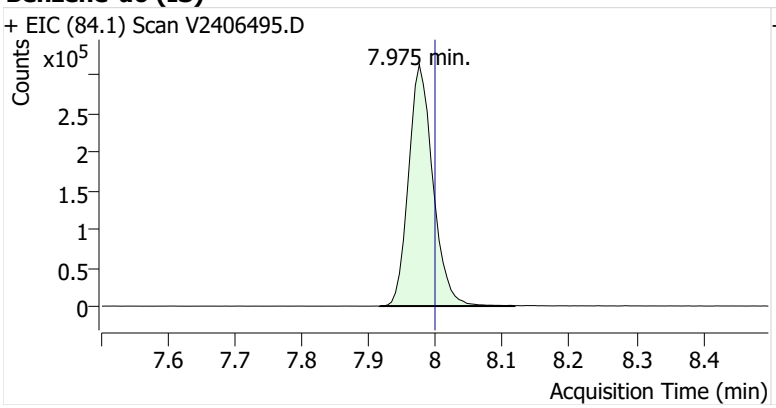
Name	2024GD406 Method Blank-1
Comment	C43248
Data File	V2406495.D
Acq. Date-Time	12/23/2024 4:30:25 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

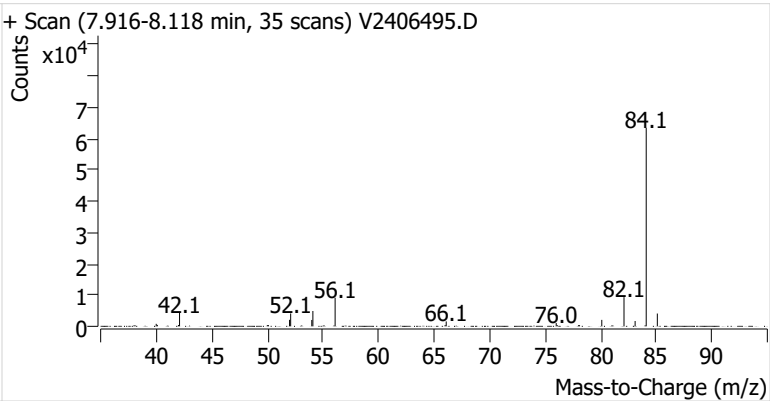
Sample Chromatogram



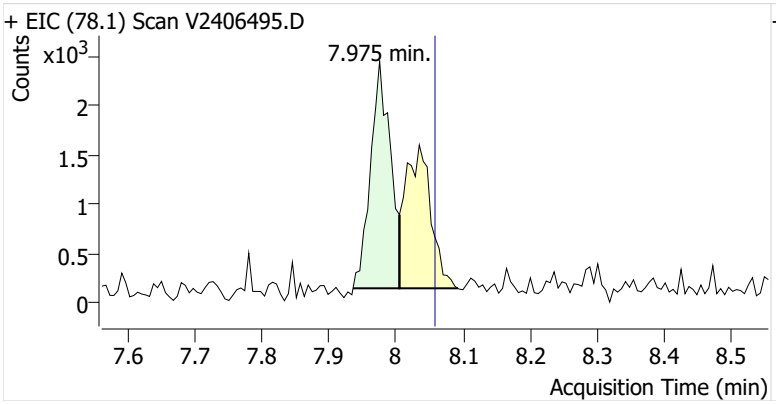
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.975	7.999	793,477	
Benzene	Benzene-d6 (IS)	7.975	8.058	4,732	
Toluene-d8 (IS)		10.605	10.628	868,543	
Toluene	Toluene-d8 (IS)	10.700	10.723	5,972	
Ethylbenzene	Toluene-d8 (IS)	12.848	12.878	2,151	
m-/p-Xylenes	Toluene-d8 (IS)	13.044	13.068	2,005	m
o-Xylene	Toluene-d8 (IS)	13.531	13.548	1,590	

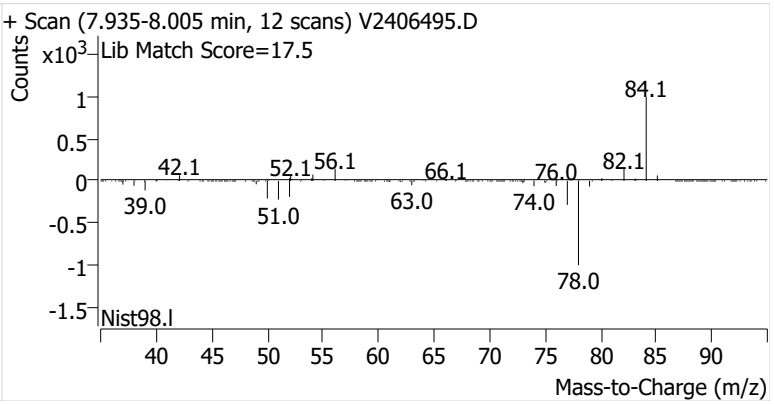
Benzene-d6 (IS)



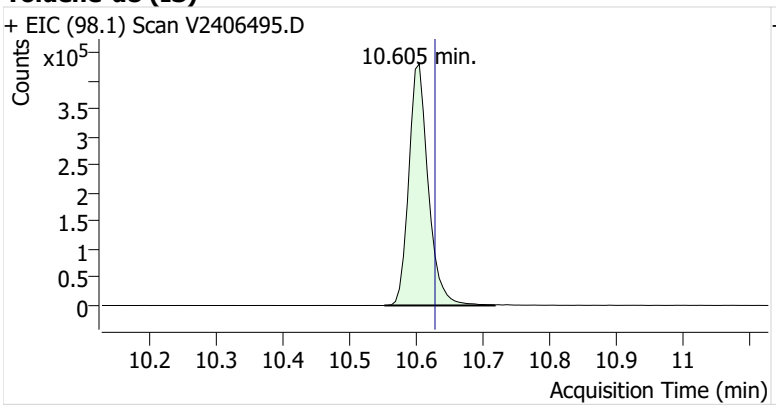


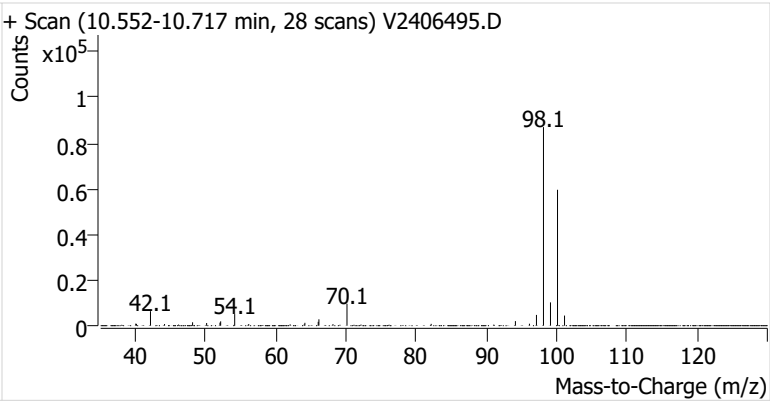
Benzene



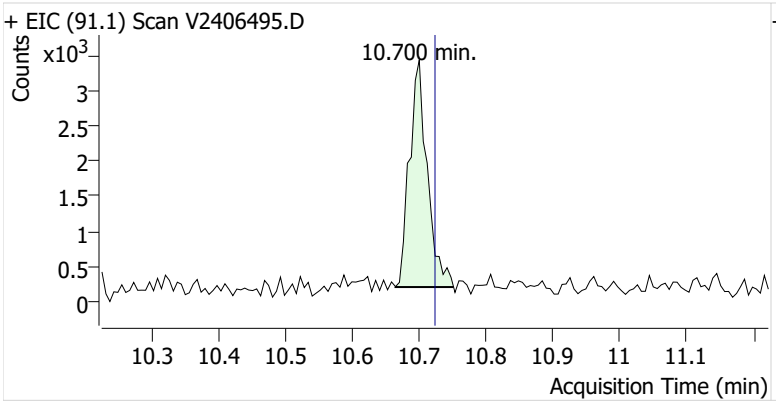


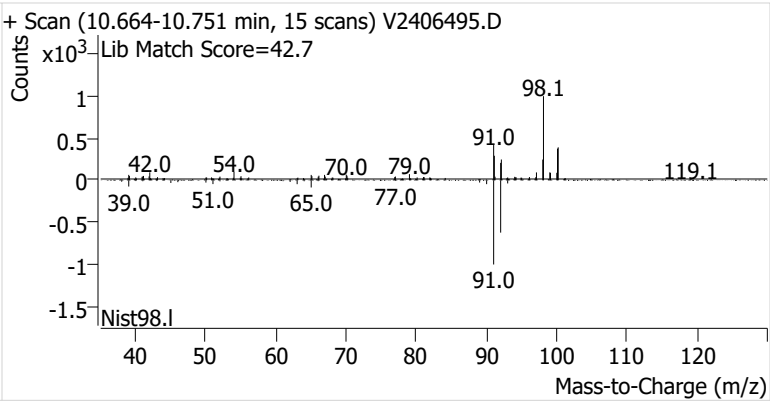
Toluene-d8 (IS)



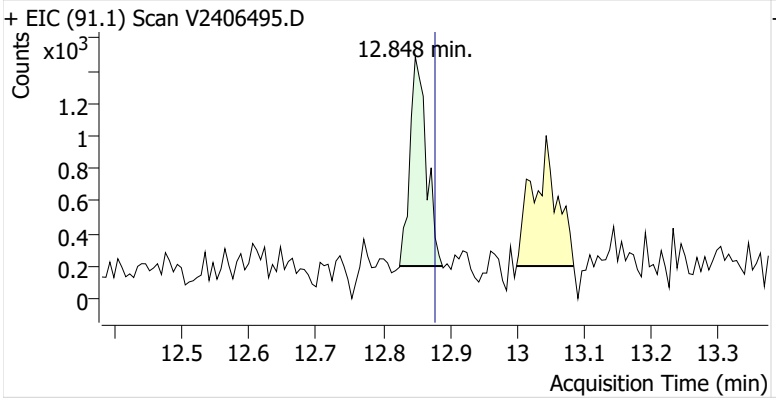


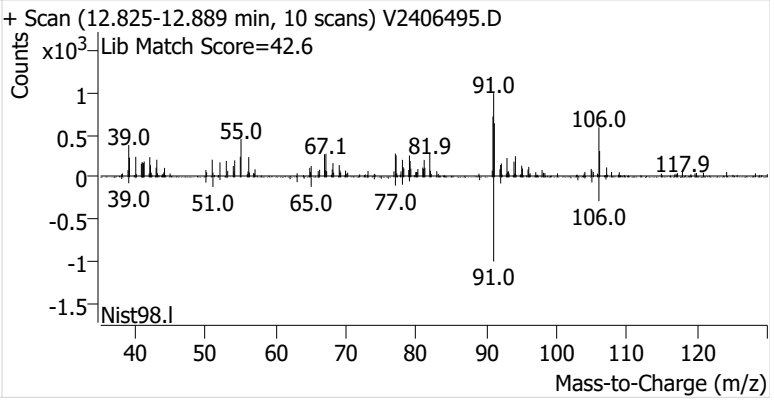
Toluene



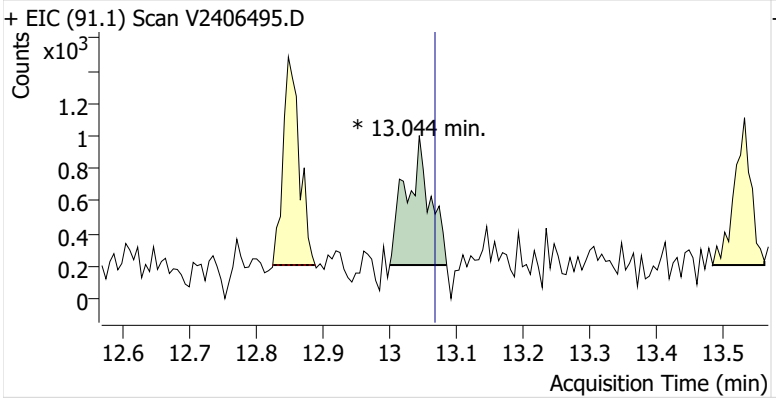


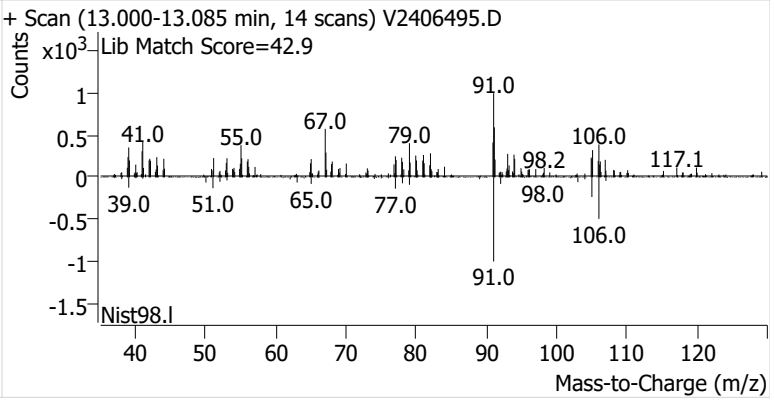
Ethylbenzene



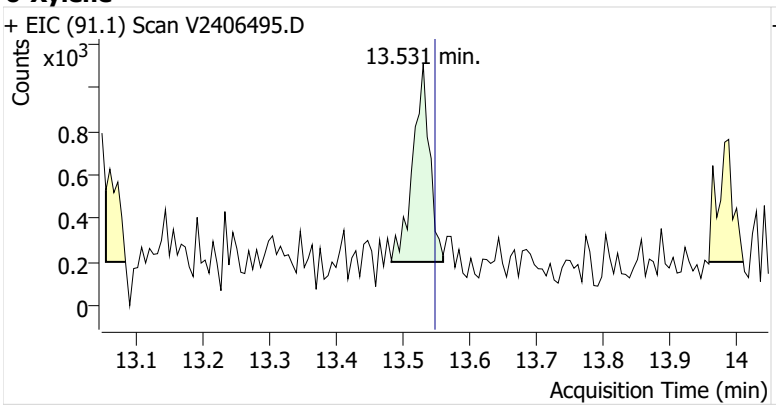


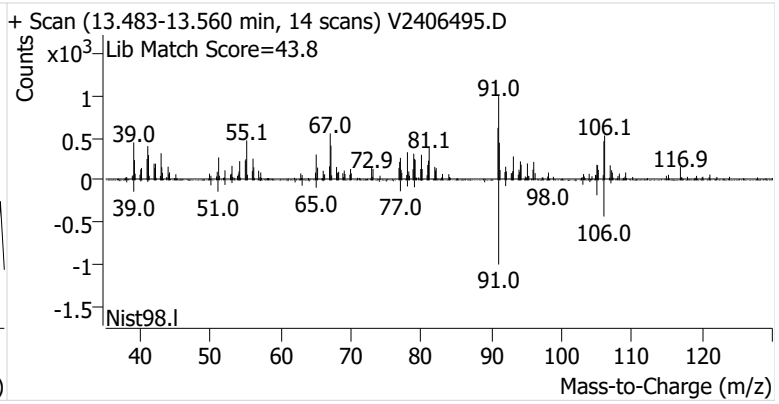
m-/p-Xylenes





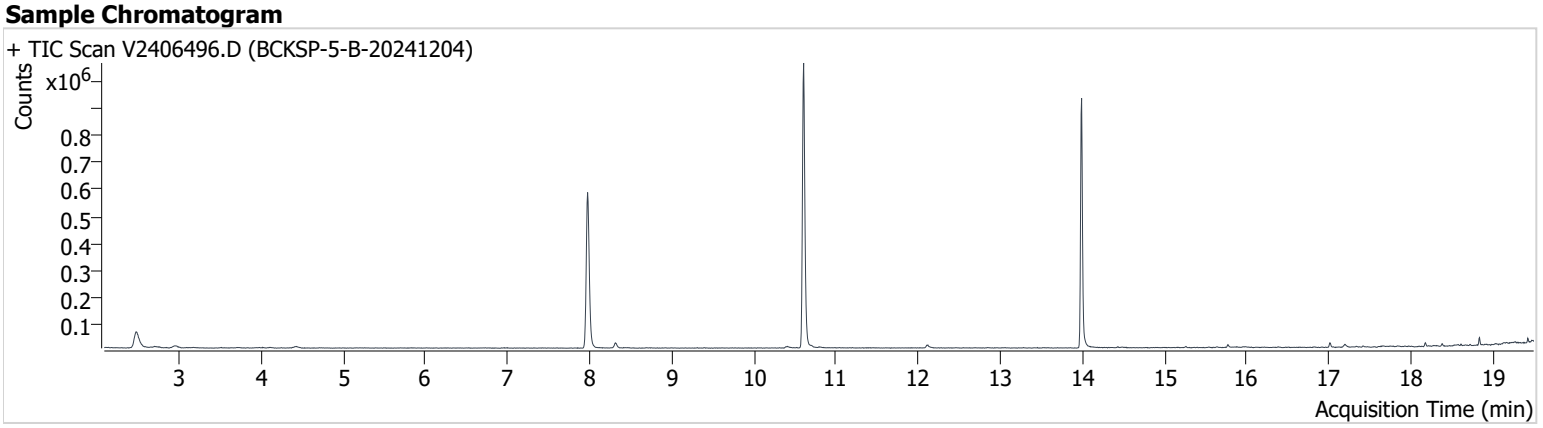
o-Xylene


+ EIC (91.1) Scan V2406495.D
Counts
x10^3
13.531 min.
0.8
0.6
0.4
0.2
0
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
Acquisition Time (min)


+ Scan (13.483-13.560 min, 14 scans) V2406495.D
Counts
x10^3
Lib Match Score=43.8
1
0.5
0
-0.5
-1
-1.5
91.0
39.0
55.1
67.0
81.1
72.9
106.1
116.9
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

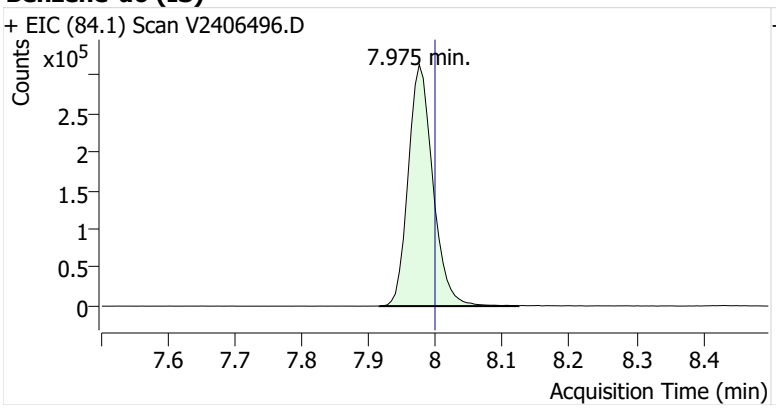
Name	BCKSP-5-B-20241204
Comment	C56832
Data File	V2406496.D
Acq. Date-Time	12/23/2024 5:11:33 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

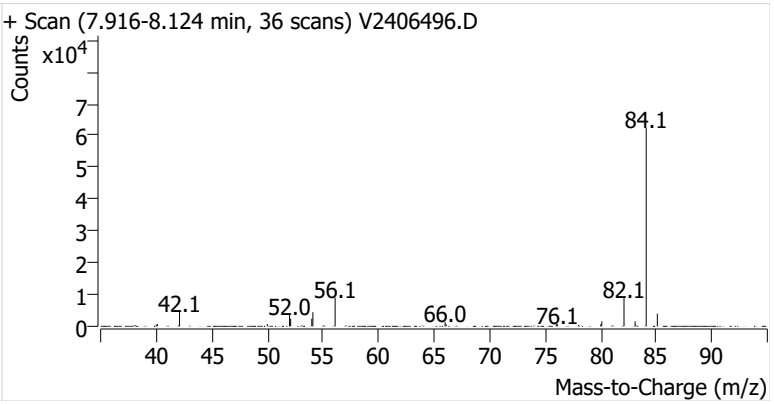
Sample Chromatogram



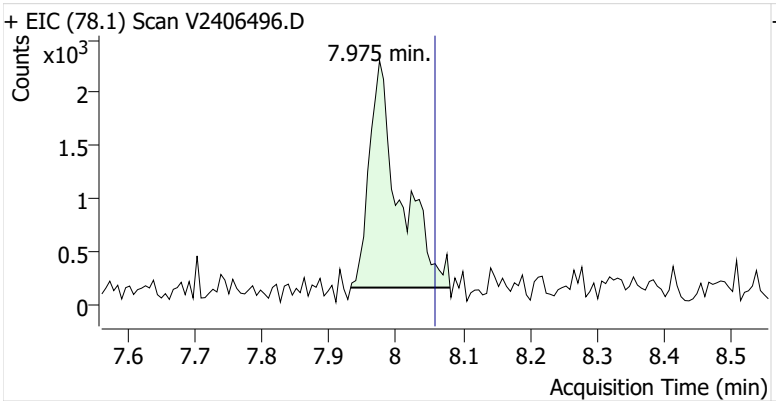
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.975	7.999	801,910	
Benzene	Benzene-d6 (IS)	7.975	8.058	6,822	
Toluene-d8 (IS)		10.604	10.628	863,640	
Toluene	Toluene-d8 (IS)	10.694	10.723	4,511	
Ethylbenzene	Toluene-d8 (IS)	12.848	12.878	1,004	
m-/p-Xylenes	Toluene-d8 (IS)	13.032	13.068	621	
o-Xylene	Toluene-d8 (IS)	13.531	13.548	704	

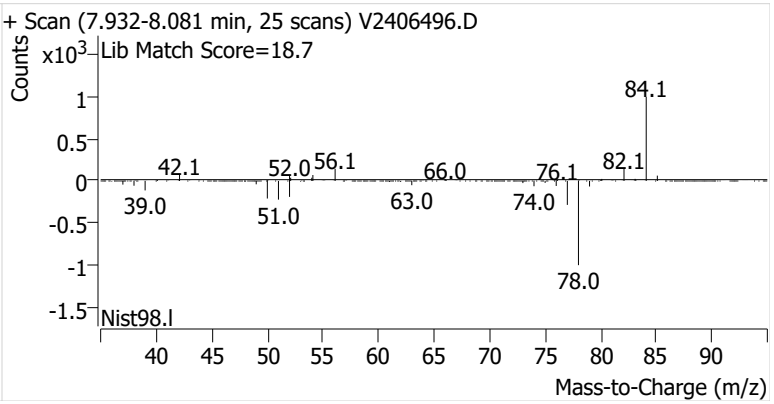
Benzene-d6 (IS)



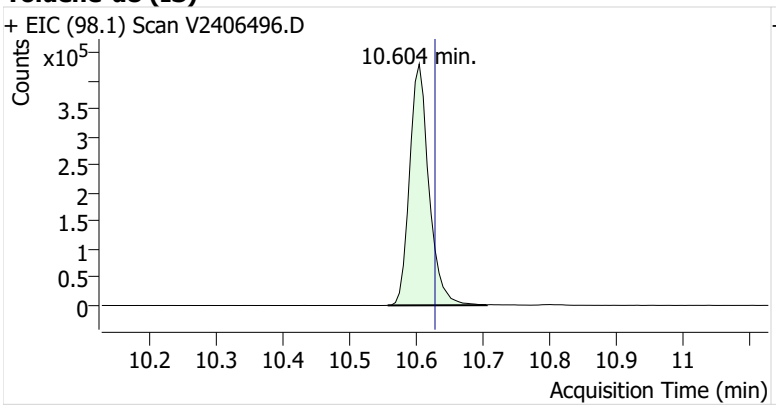


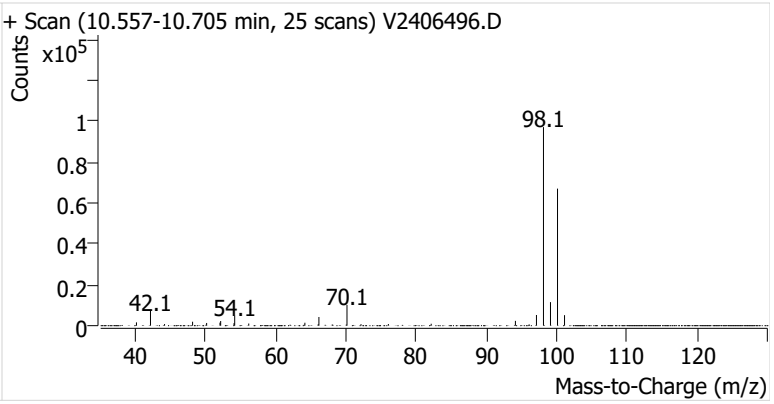
Benzene



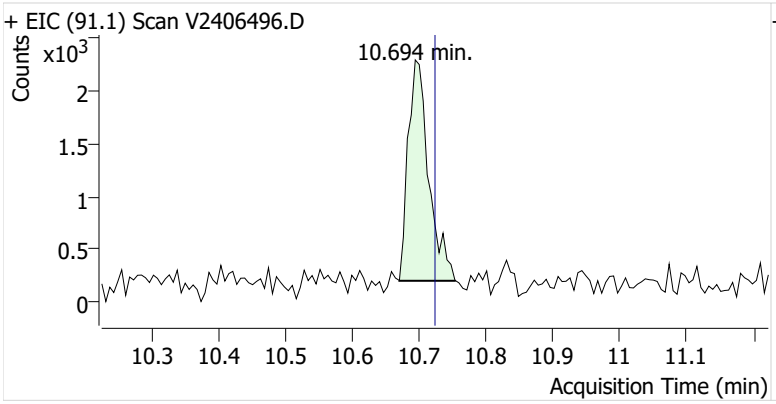


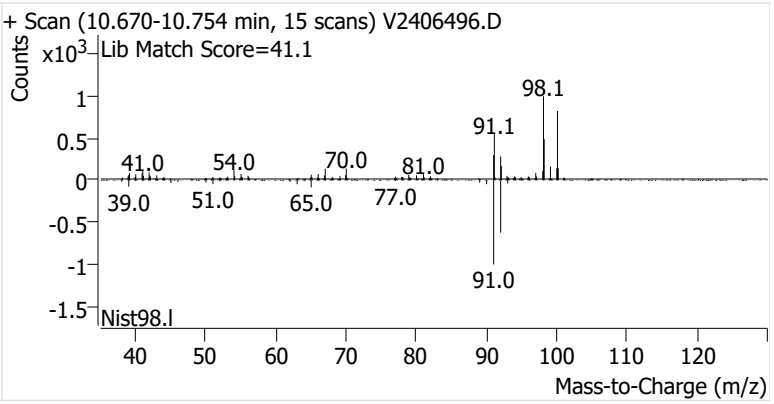
Toluene-d8 (IS)



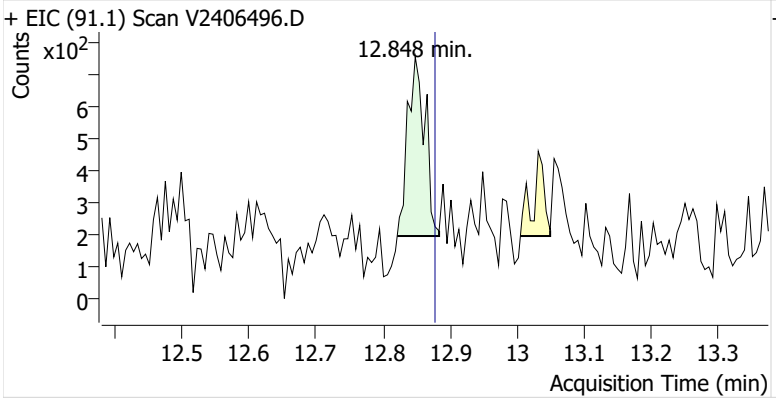


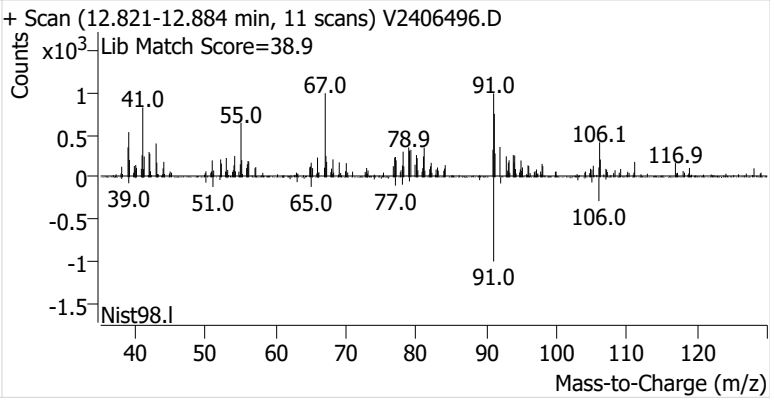
Toluene



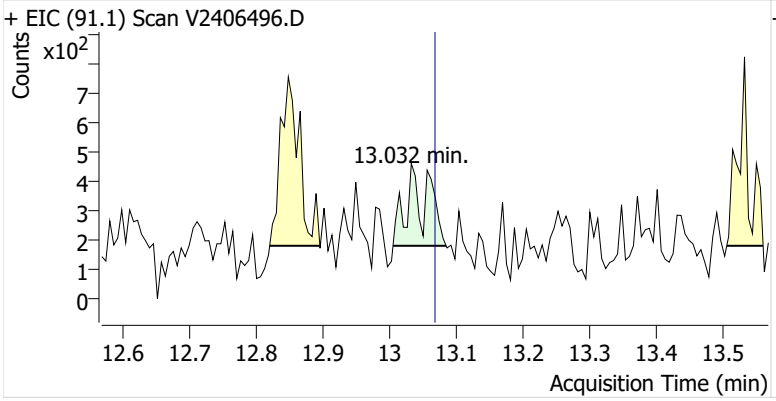


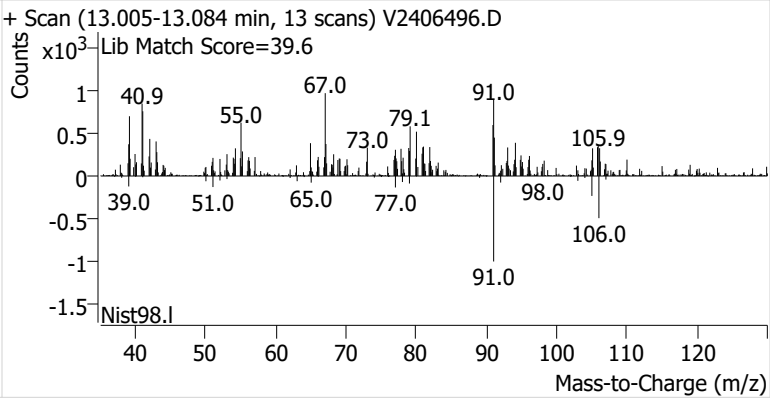
Ethylbenzene



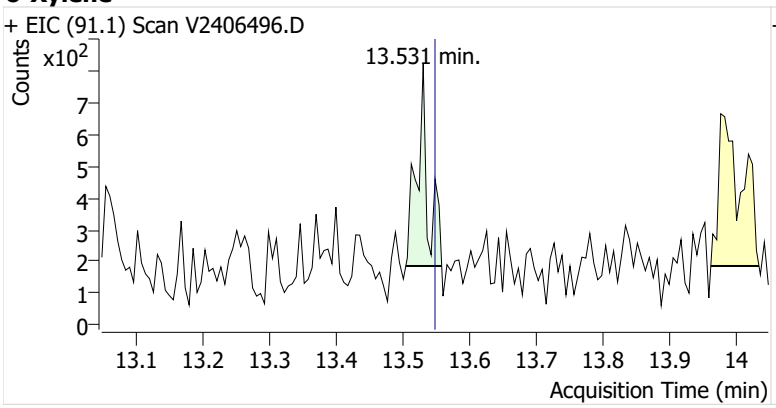


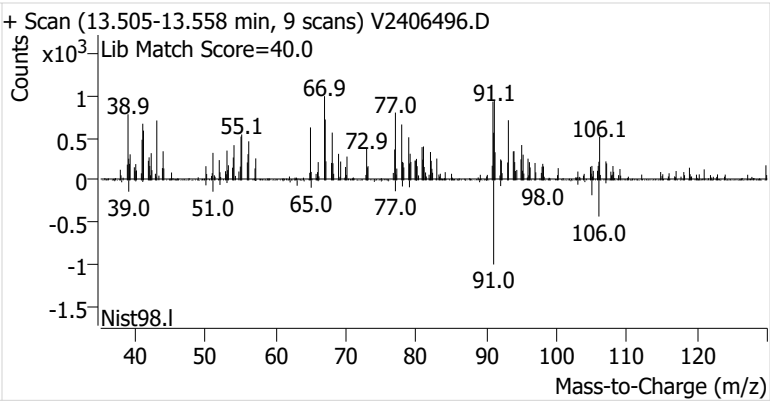
m-/p-Xylenes





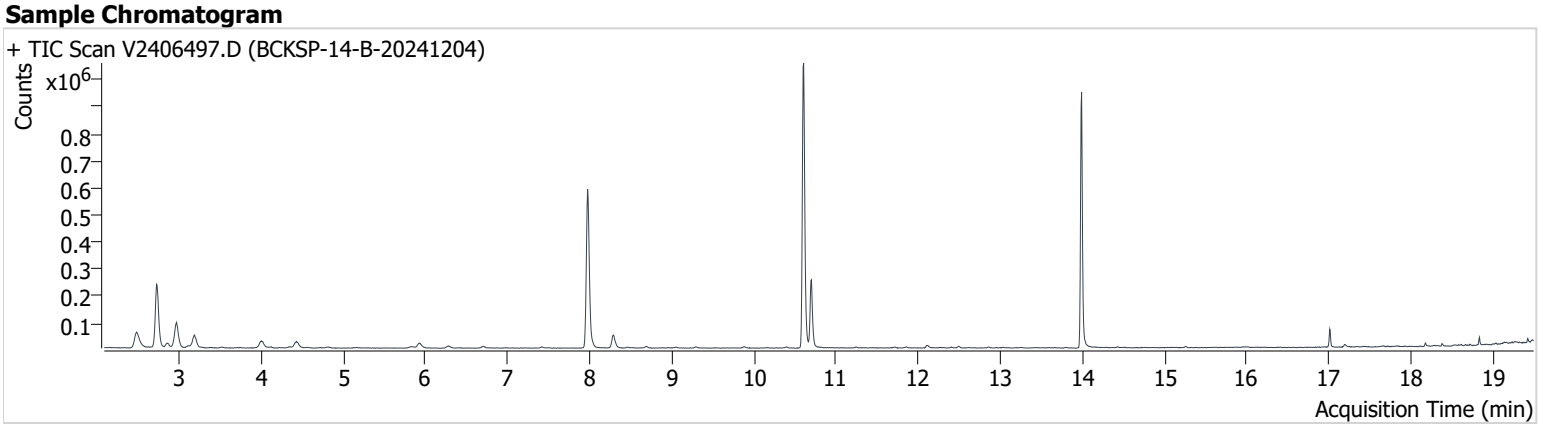
o-Xylene


+ EIC (91.1) Scan V2406496.D
Counts
x10^2
13.531 min.
Acquisition Time (min)


+ Scan (13.505-13.558 min, 9 scans) V2406496.D
Lib Match Score=40.0
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

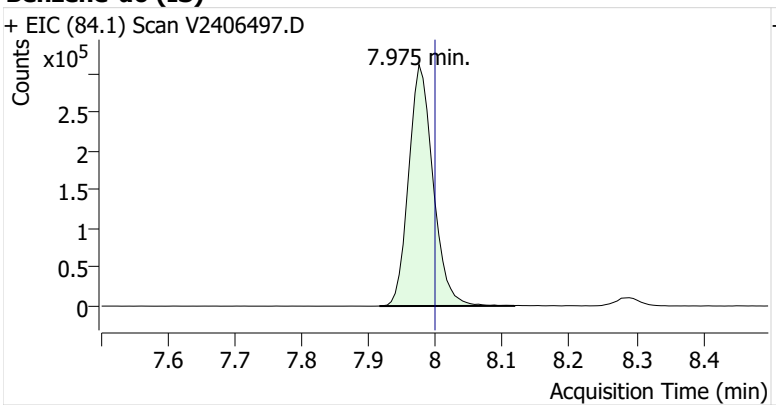
Name	BCKSP-14-B-20241204
Comment	B34036
Data File	V2406497.D
Acq. Date-Time	12/23/2024 5:52:40 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

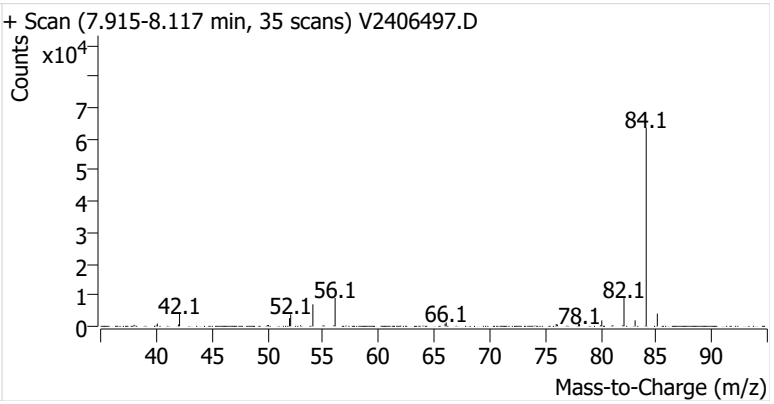
Sample Chromatogram



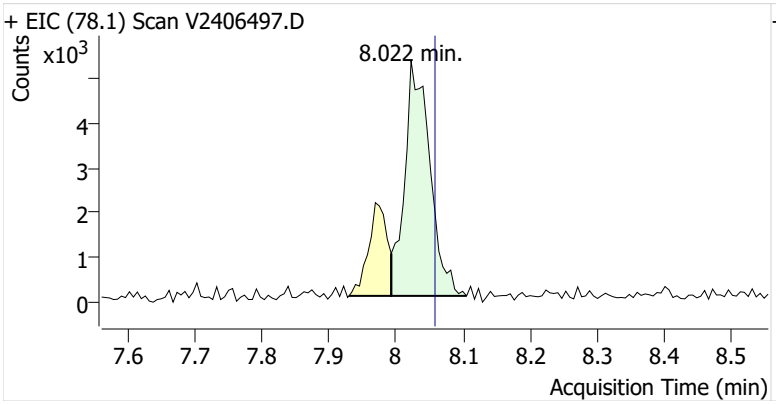
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.975	7.999	791,533	
Benzene	Benzene-d6 (IS)	8.022	8.058	13,826	
Toluene-d8 (IS)		10.598	10.628	867,069	
Toluene	Toluene-d8 (IS)	10.693	10.723	223,048	
Ethylbenzene	Toluene-d8 (IS)	12.854	12.878	2,466	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.068	1,522	m
o-Xylene	Toluene-d8 (IS)	13.524	13.548	793	

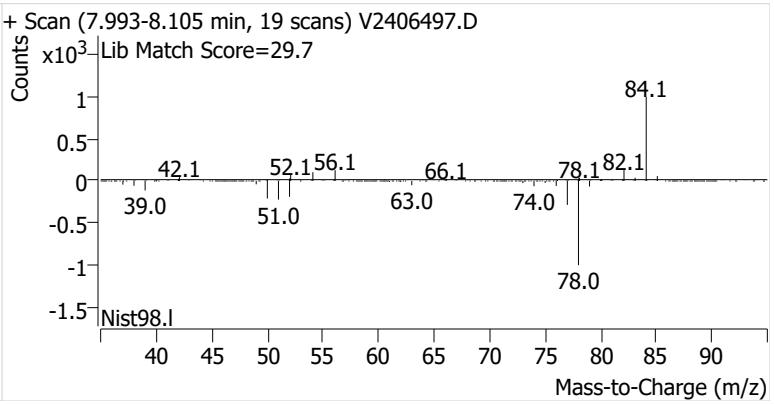
Benzene-d6 (IS)



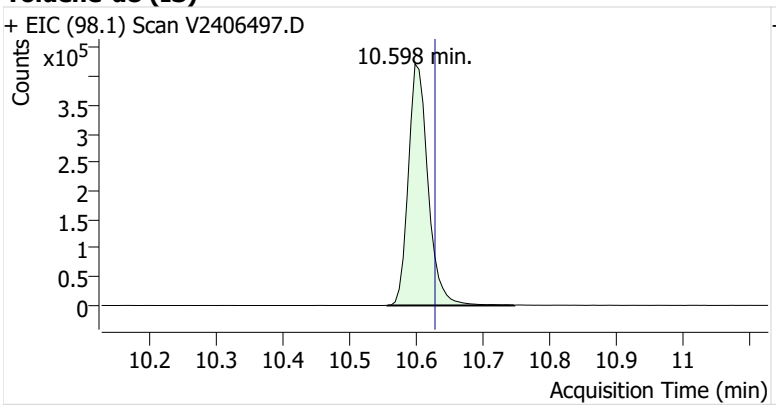


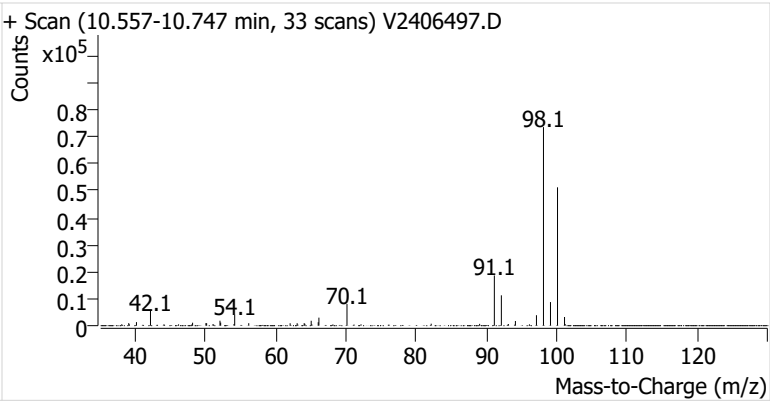
Benzene



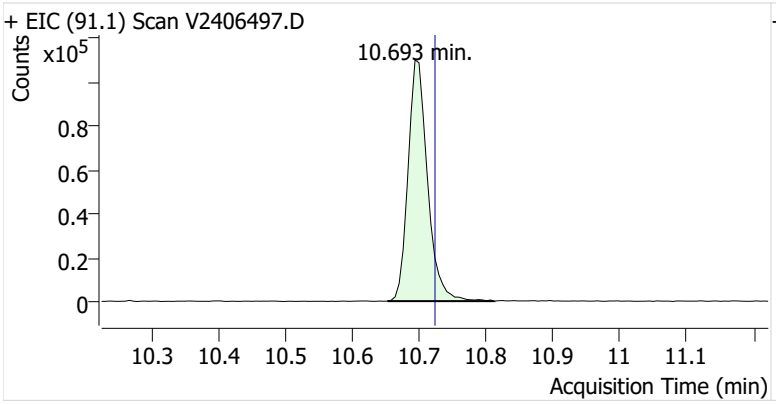


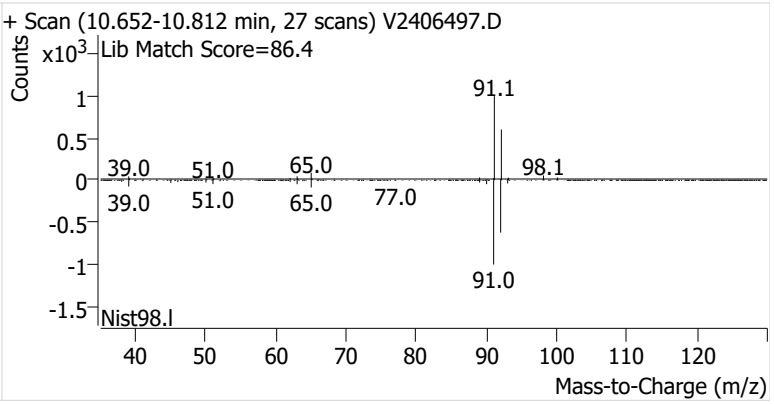
Toluene-d8 (IS)



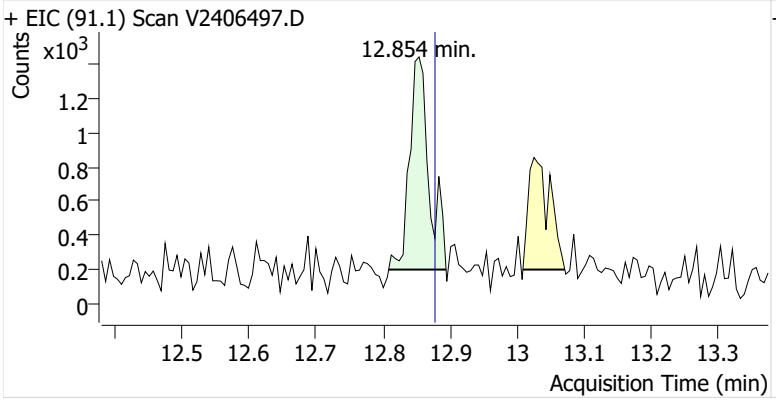


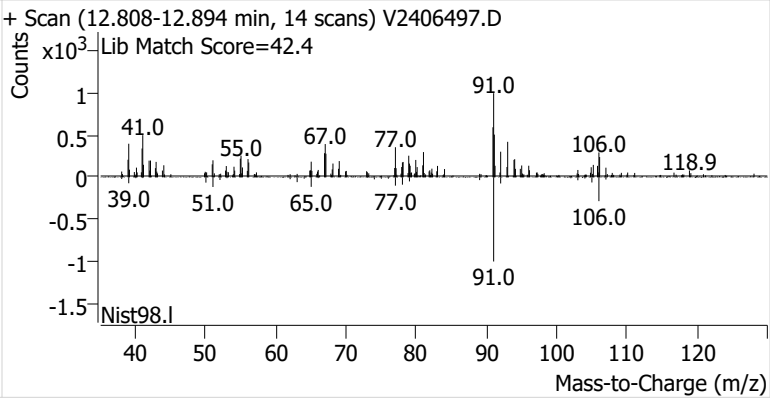
Toluene



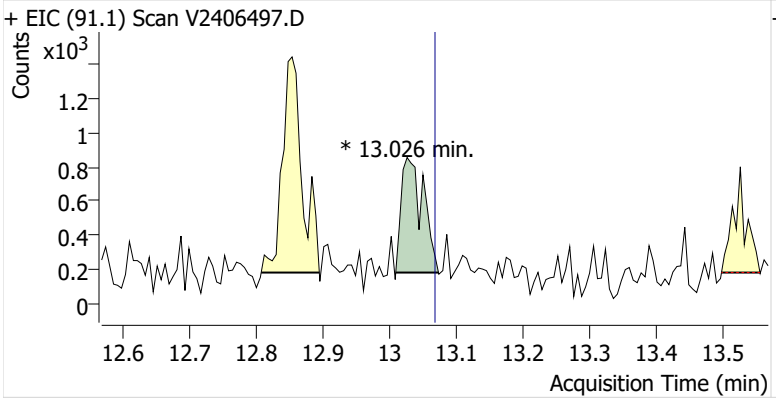


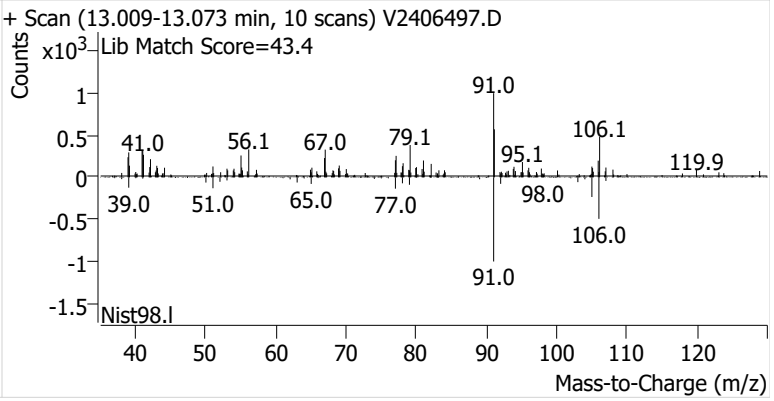
Ethylbenzene



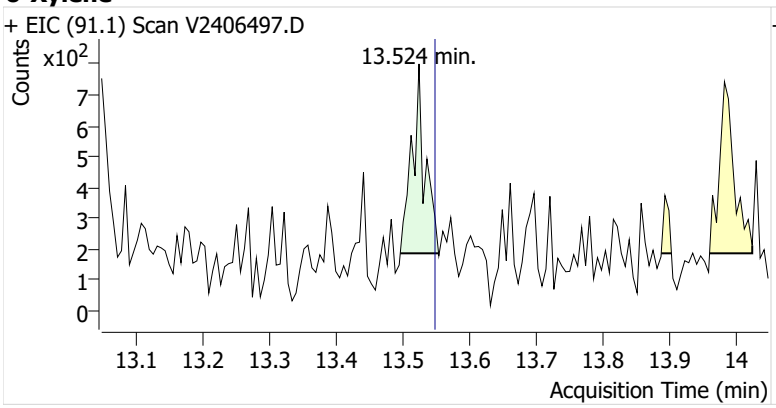


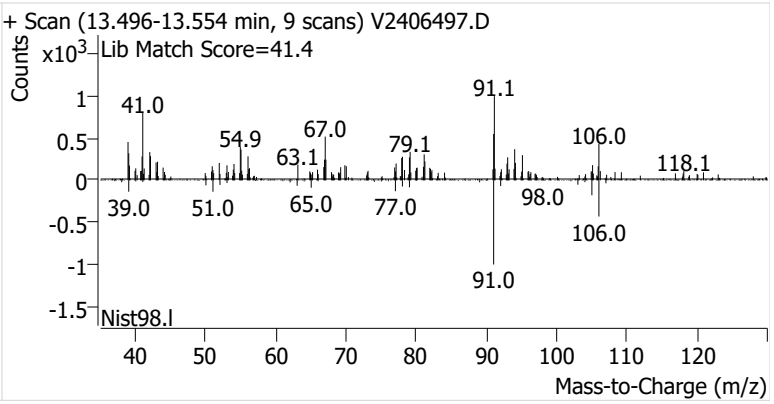
m-/p-Xylenes





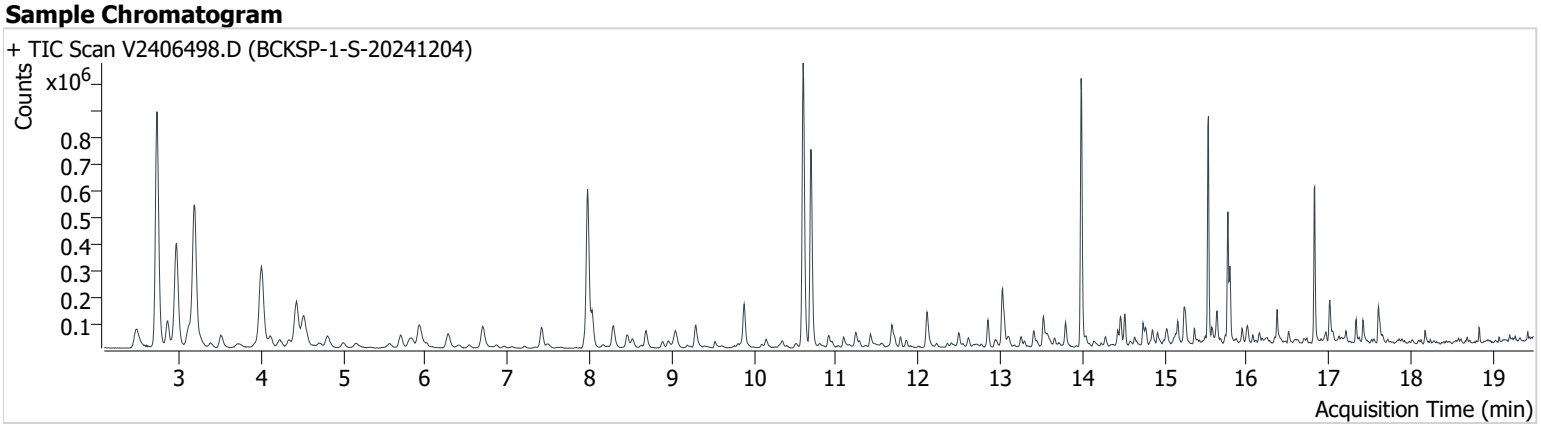
o-Xylene


+ EIC (91.1) Scan V2406497.D
Counts
x10^2
13.524 min.
Acquisition Time (min)


+ Scan (13.496-13.554 min, 9 scans) V2406497.D
Lib Match Score=41.4
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

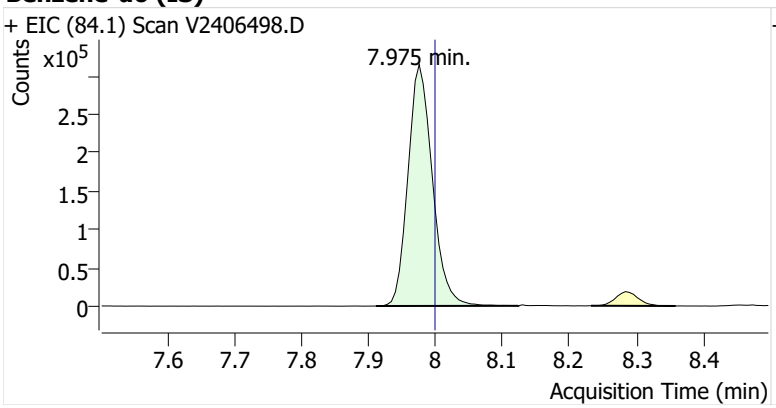
Name	BCKSP-1-S-20241204
Comment	C56808
Data File	V2406498.D
Acq. Date-Time	12/23/2024 6:33:46 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

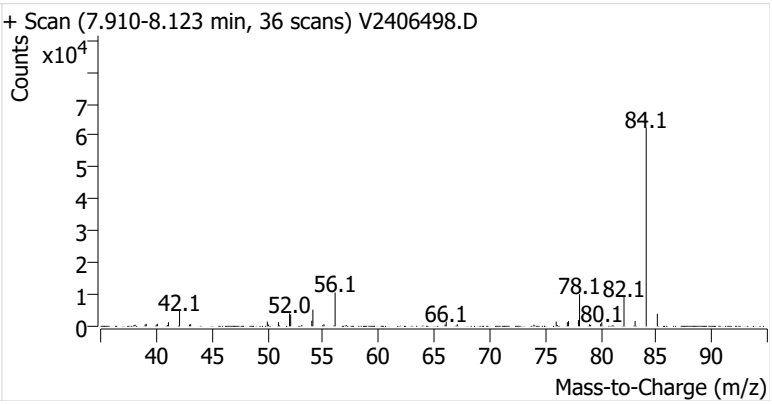
Sample Chromatogram



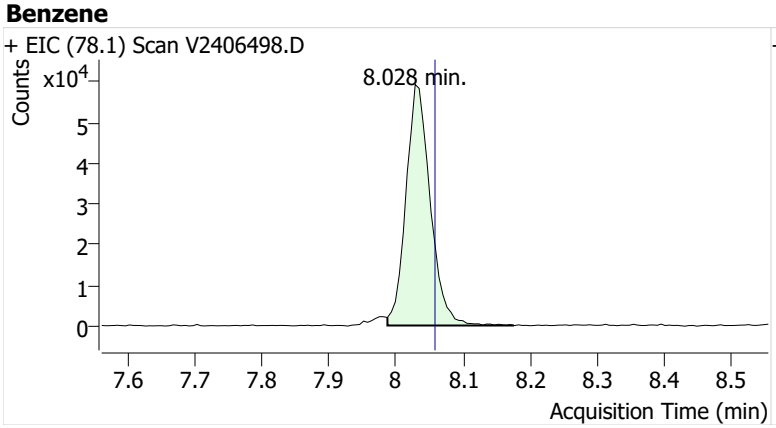
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.975	7.999	797,162	
Benzene	Benzene-d6 (IS)	8.028	8.058	149,871	
Toluene-d8 (IS)		10.598	10.628	870,642	
Toluene	Toluene-d8 (IS)	10.693	10.723	655,583	
Ethylbenzene	Toluene-d8 (IS)	12.848	12.878	75,050	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.068	193,621	
o-Xylene	Toluene-d8 (IS)	13.525	13.548	73,490	

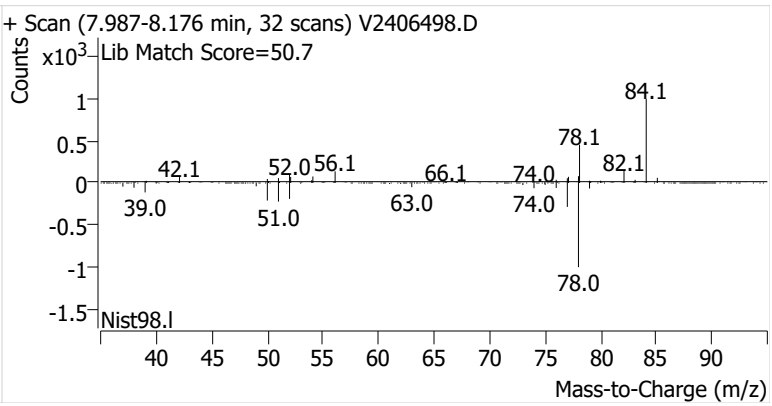
Benzene-d6 (IS)



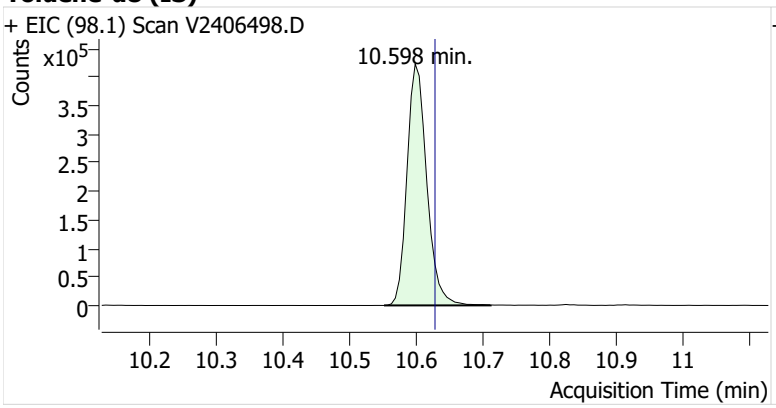


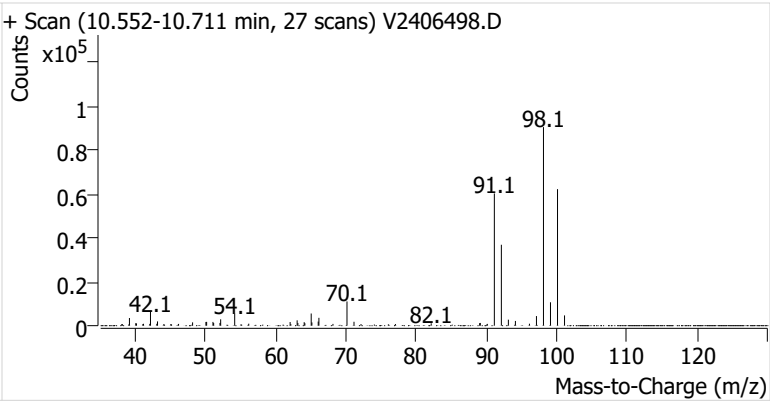
Benzene



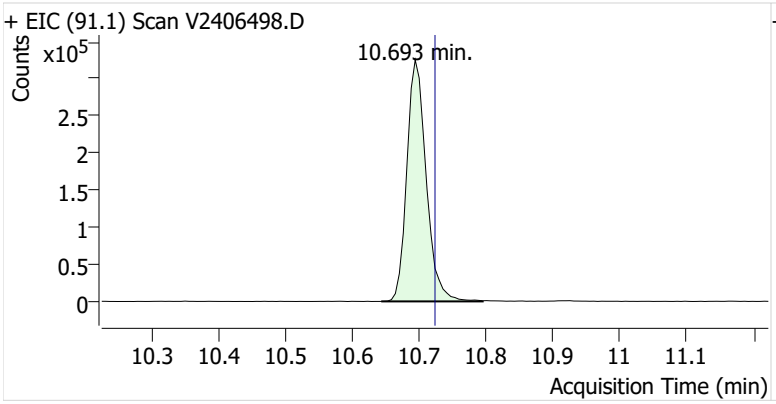


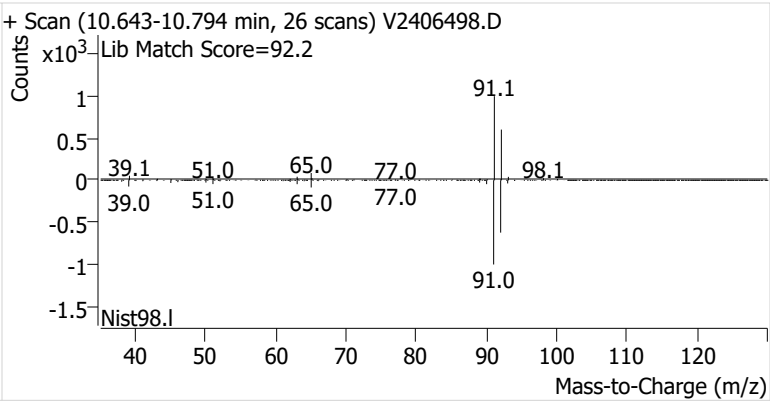
Toluene-d8 (IS)



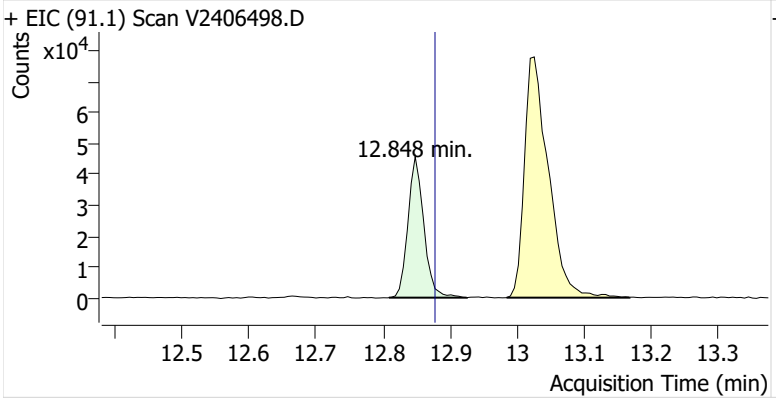


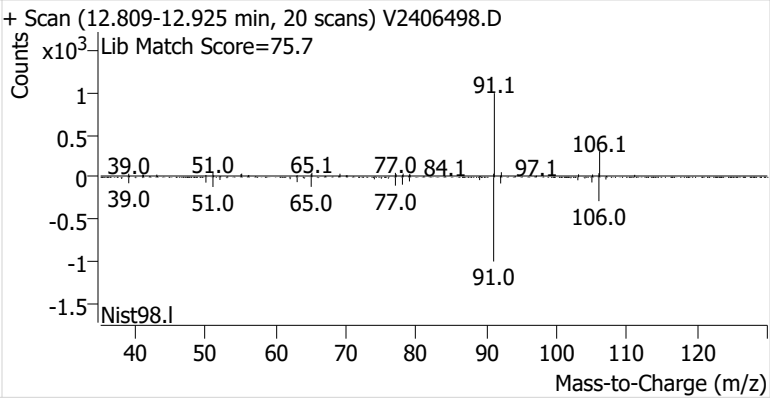
Toluene



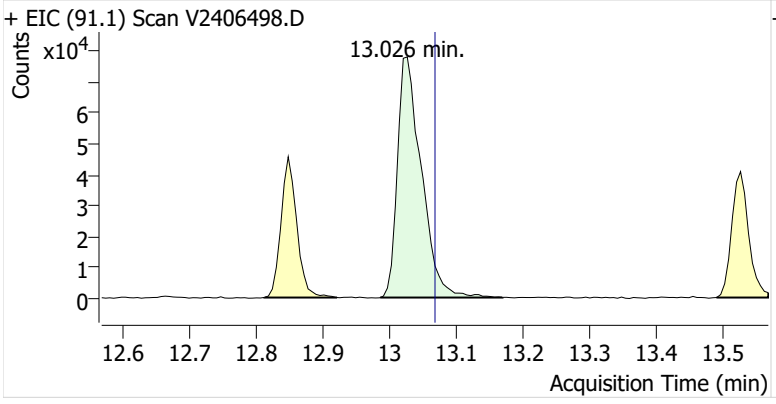


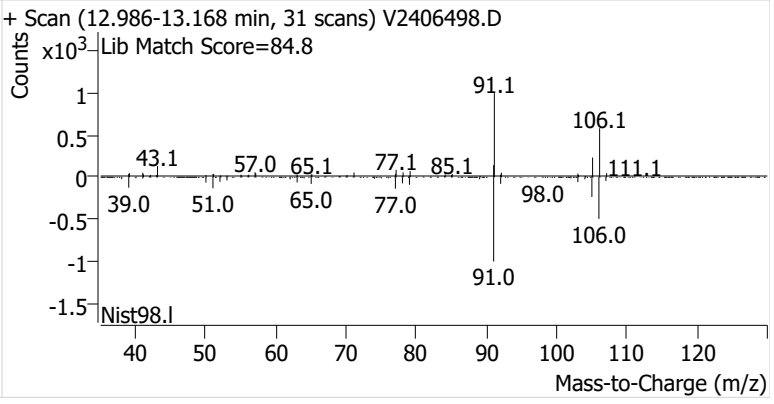
Ethylbenzene



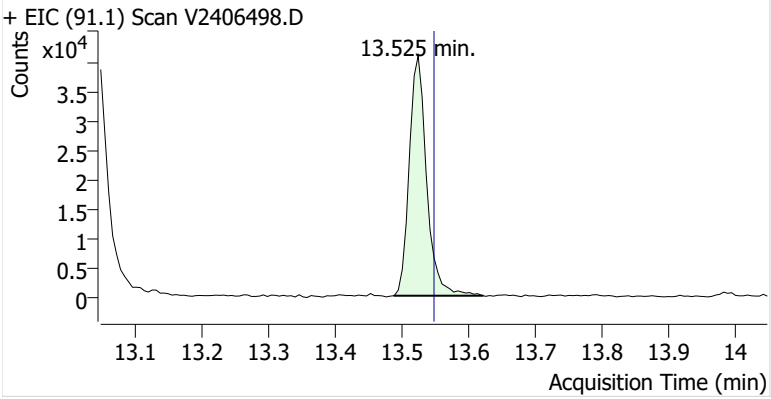


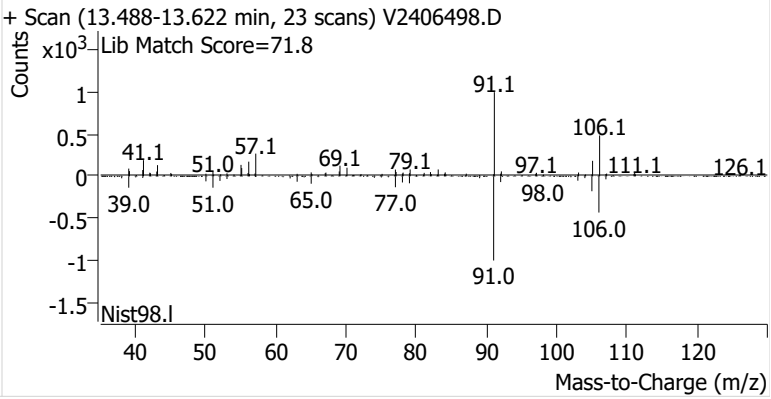
m-/p-Xylenes





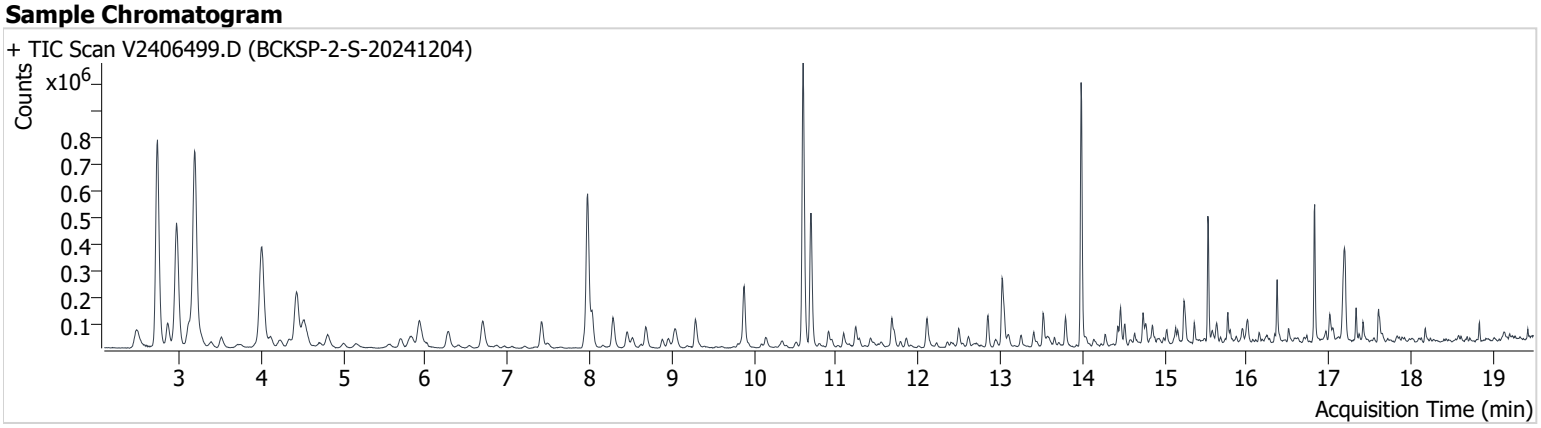
o-Xylene


+ EIC (91.1) Scan V2406498.D
Counts
x10^4
13.525 min.
3.5
3
2.5
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.488-13.622 min, 23 scans) V2406498.D
Counts
x10^3
Lib Match Score=71.8
91.1
106.1
41.1
51.0
57.1
69.1
79.1
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

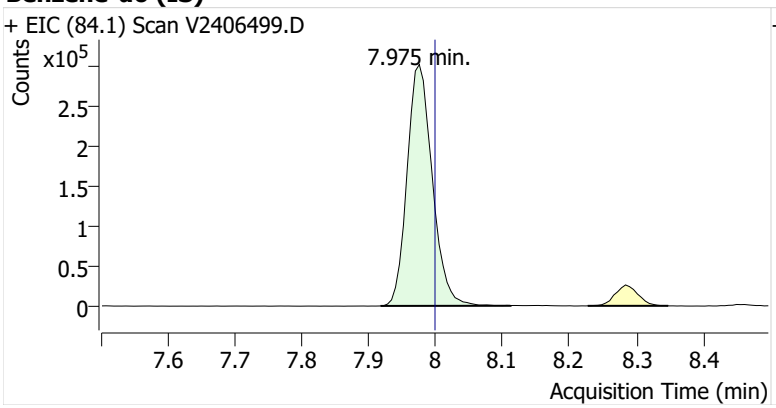
Name	BCKSP-2-S-20241204
Comment	C56875
Data File	V2406499.D
Acq. Date-Time	12/23/2024 7:14:53 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

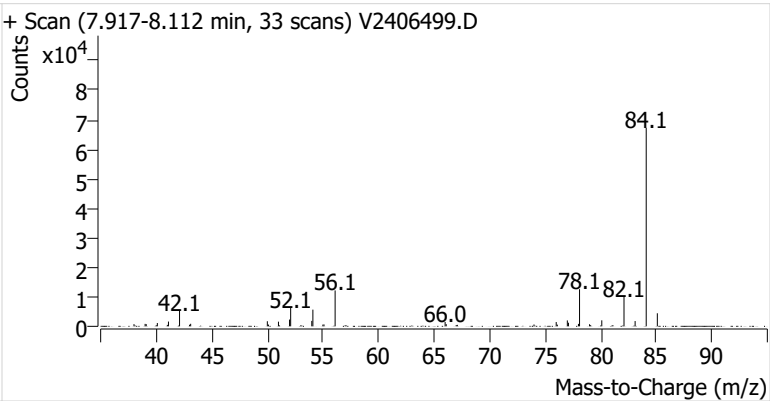
Sample Chromatogram



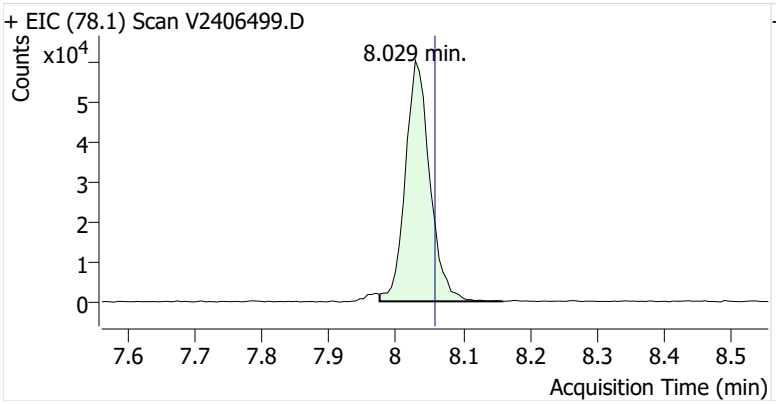
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.975	7.999	787,589	
Benzene	Benzene-d6 (IS)	8.029	8.058	153,444	
Toluene-d8 (IS)		10.599	10.628	870,033	
Toluene	Toluene-d8 (IS)	10.694	10.723	448,286	
Ethylbenzene	Toluene-d8 (IS)	12.848	12.878	89,981	
m-/p-Xylenes	Toluene-d8 (IS)	13.020	13.068	230,925	
o-Xylene	Toluene-d8 (IS)	13.519	13.548	83,442	

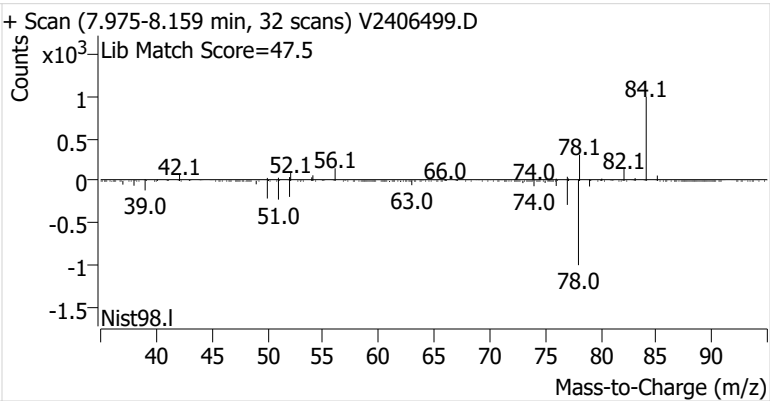
Benzene-d6 (IS)



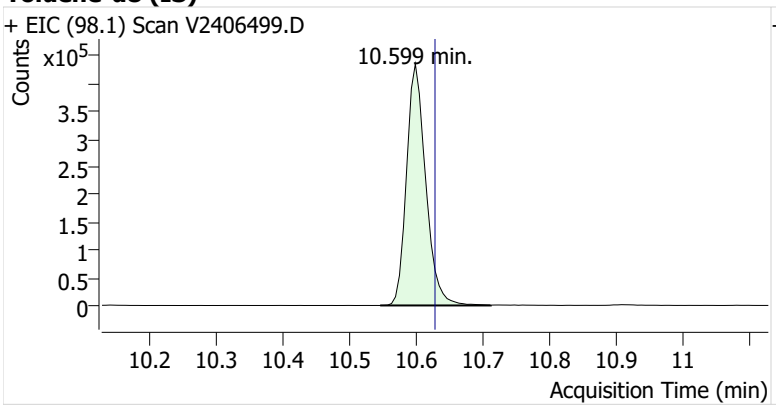


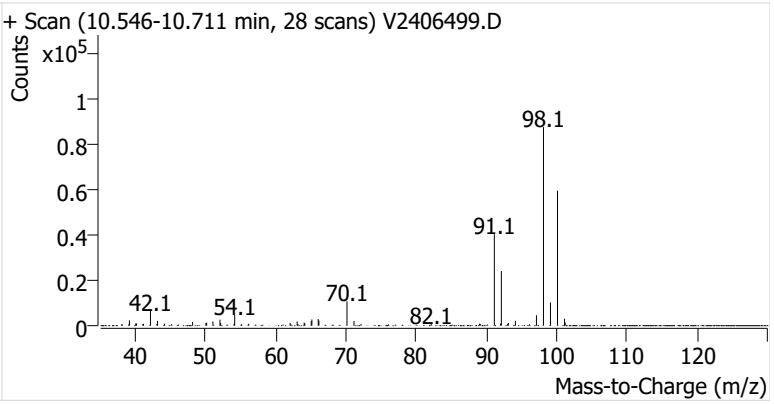
Benzene



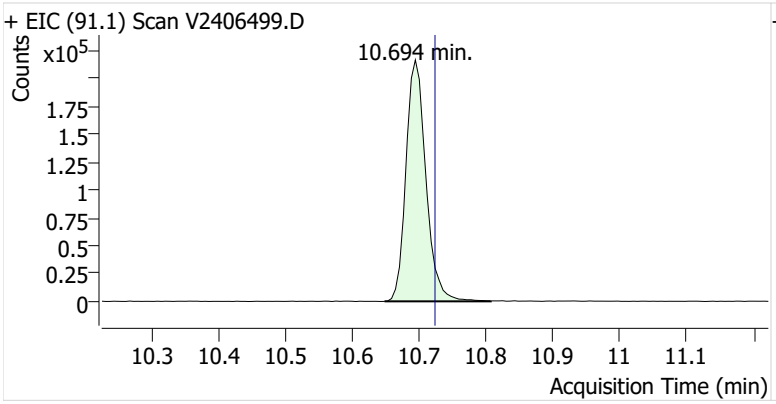


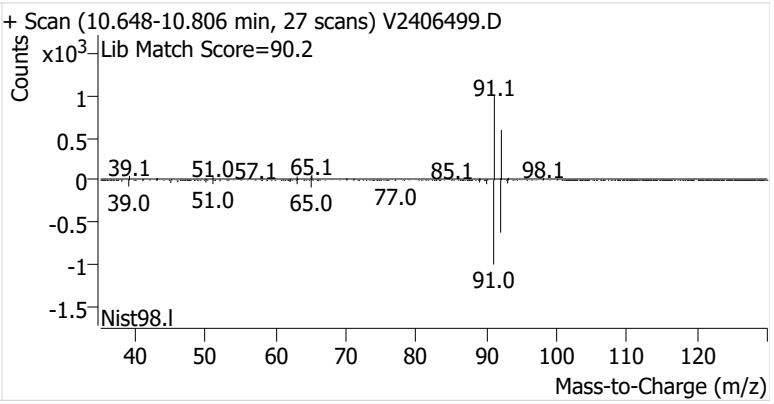
Toluene-d8 (IS)



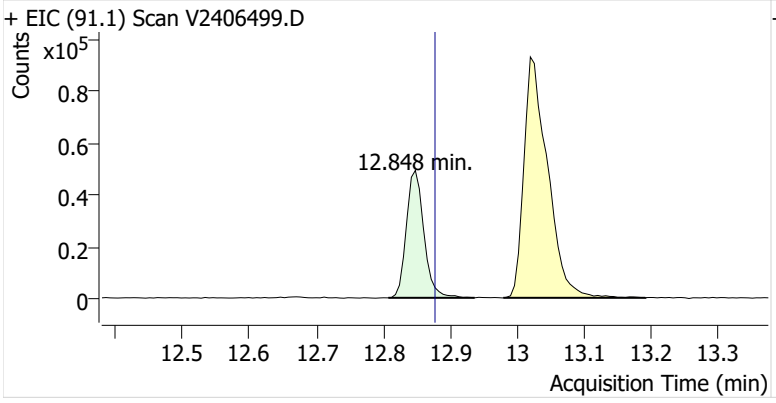


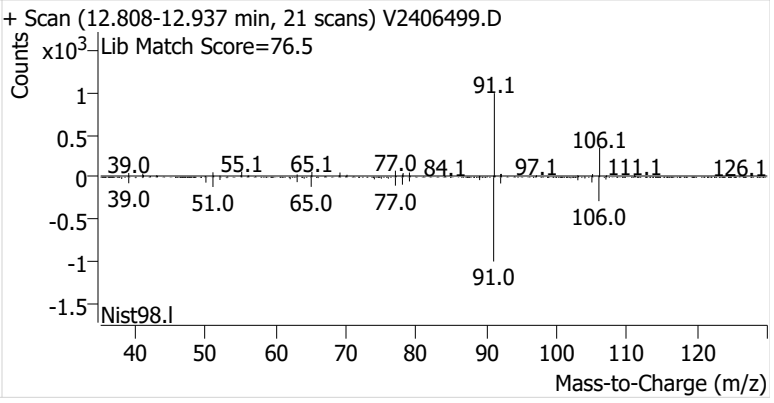
Toluene



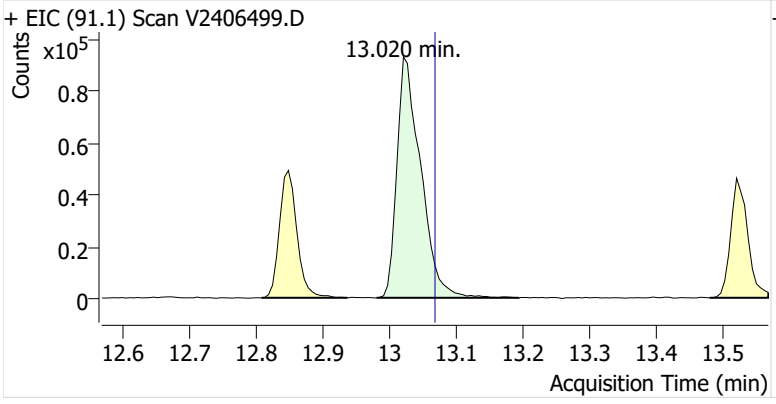


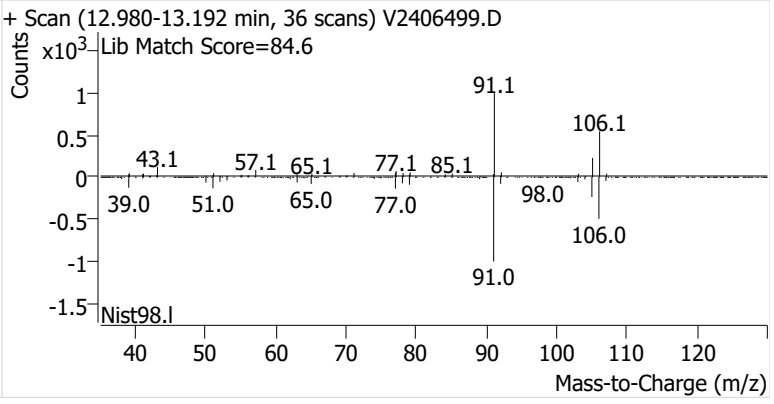
Ethylbenzene



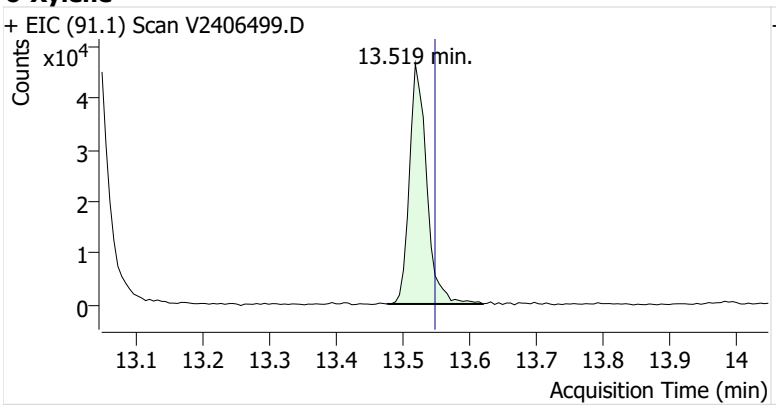


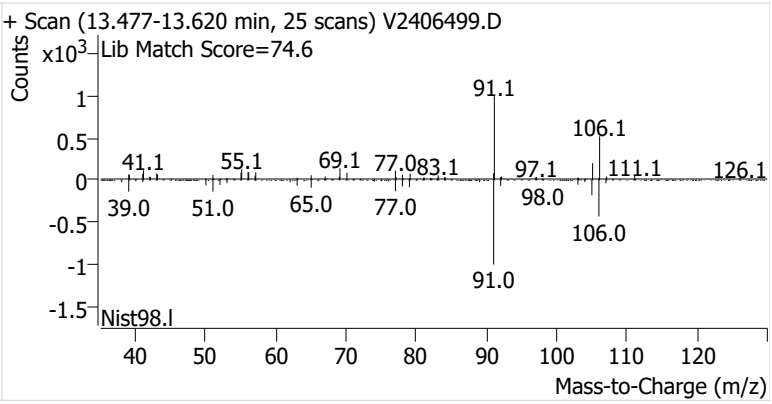
m-/p-Xylenes





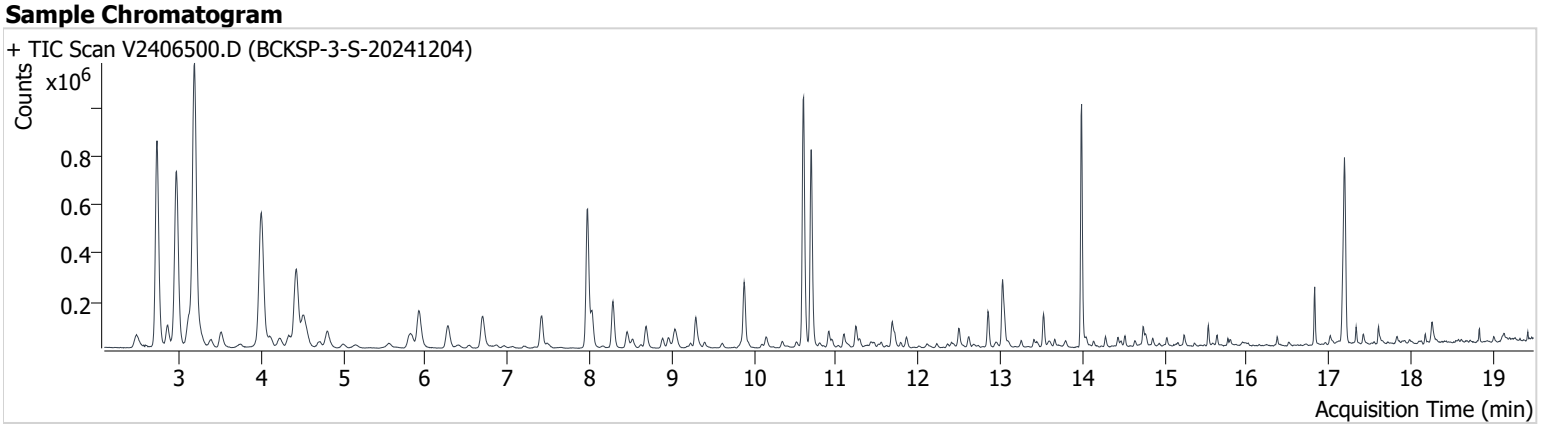
o-Xylene


+ EIC (91.1) Scan V2406499.D
Counts
x10^4
13.519 min.
Acquisition Time (min)


+ Scan (13.477-13.620 min, 25 scans) V2406499.D
Counts
x10^3
Lib Match Score=74.6
Nist98.l
Mass-to-Charge (m/z)

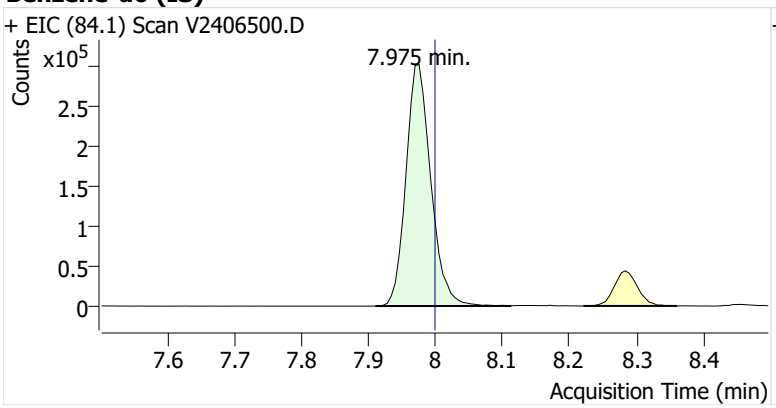
Name	BCKSP-3-S-20241204
Comment	C00680
Data File	V2406500.D
Acq. Date-Time	12/23/2024 7:56:00 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

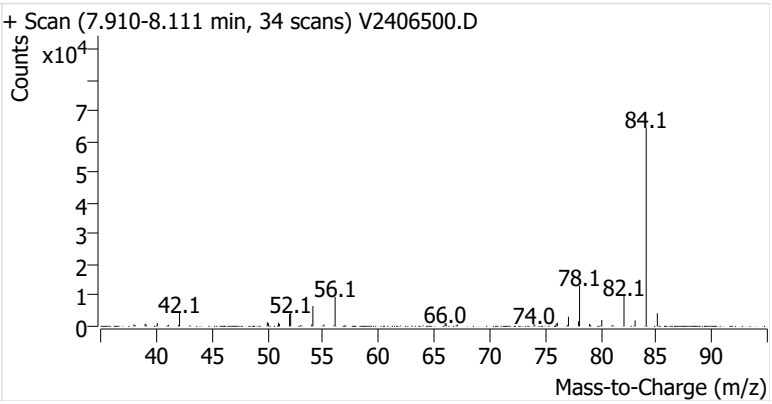
Sample Chromatogram



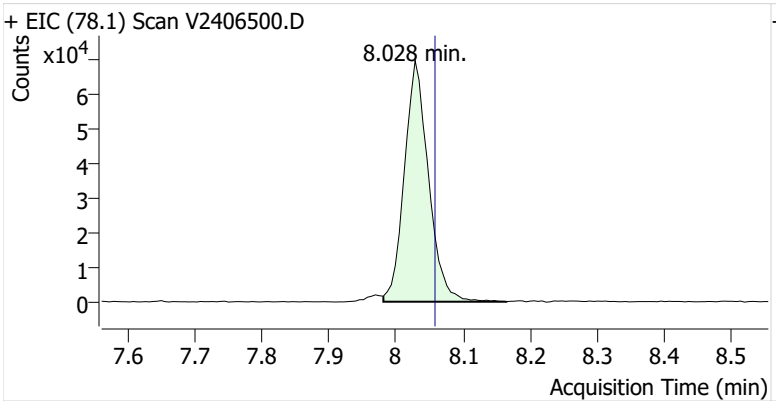
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.975	7.999	783,023	
Benzene	Benzene-d6 (IS)	8.028	8.058	174,851	
Toluene-d8 (IS)		10.604	10.628	858,220	
Toluene	Toluene-d8 (IS)	10.693	10.723	726,658	
Ethylbenzene	Toluene-d8 (IS)	12.848	12.878	113,185	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.068	244,002	
o-Xylene	Toluene-d8 (IS)	13.524	13.548	86,822	

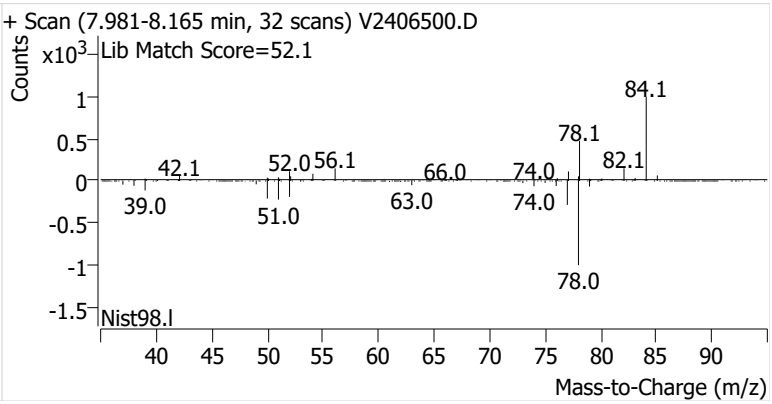
Benzene-d6 (IS)



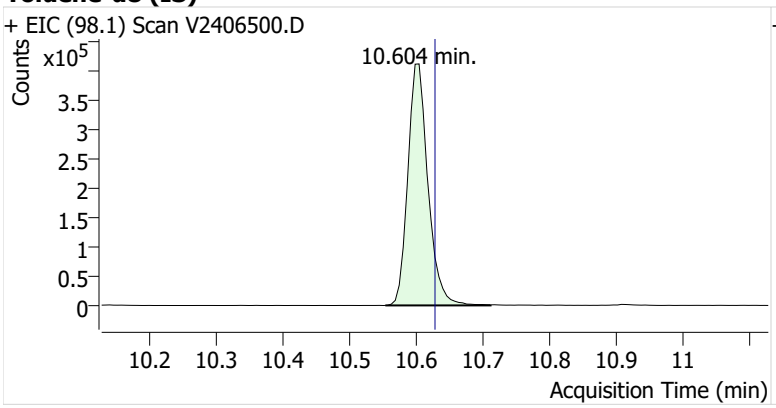


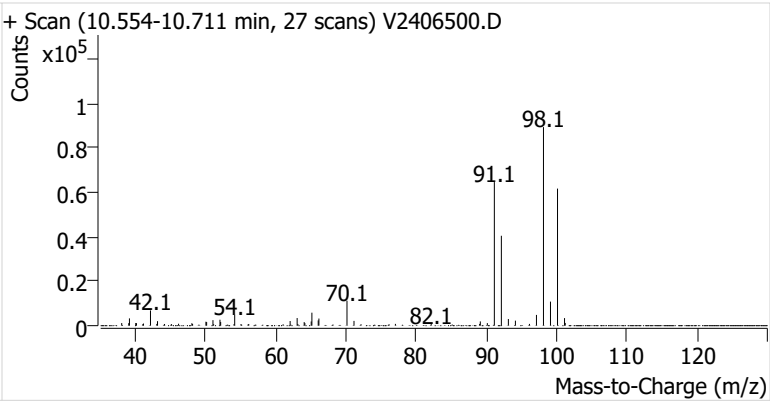
Benzene



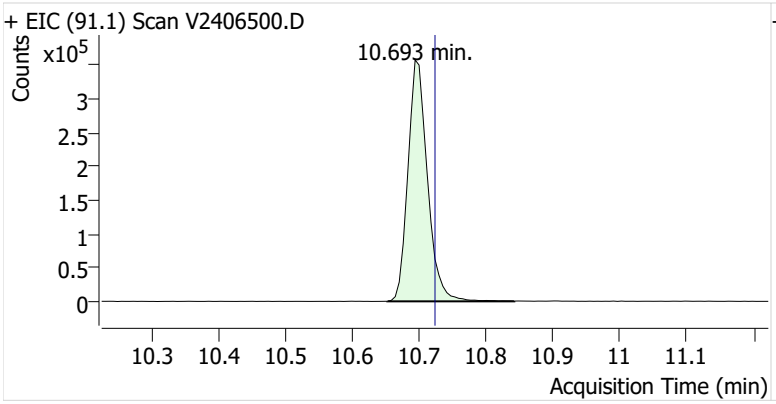


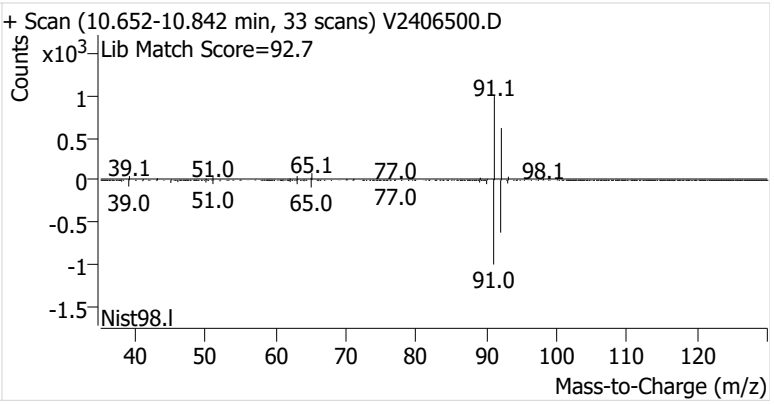
Toluene-d8 (IS)



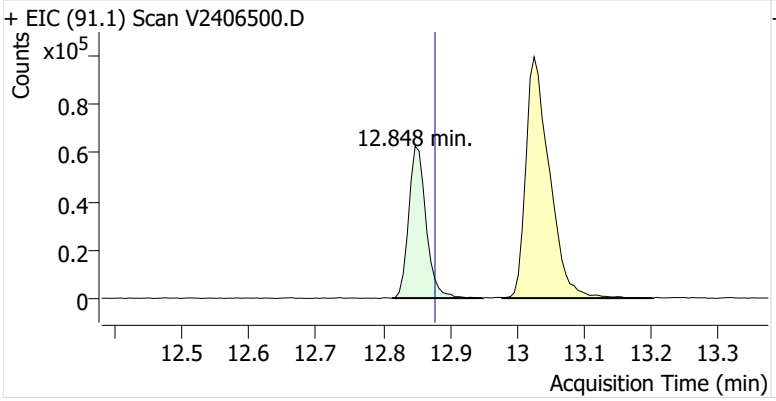


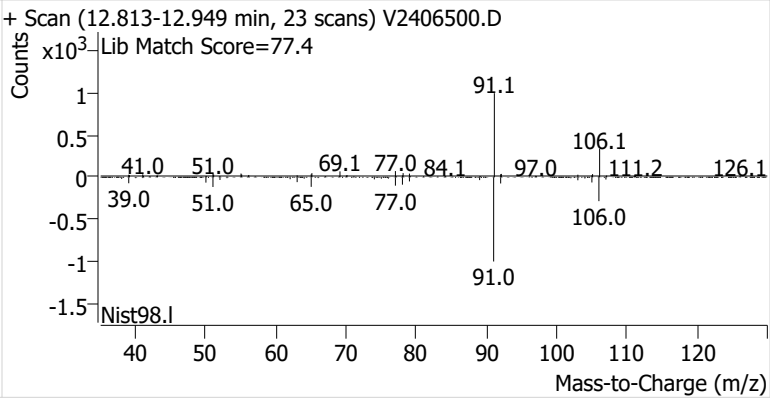
Toluene



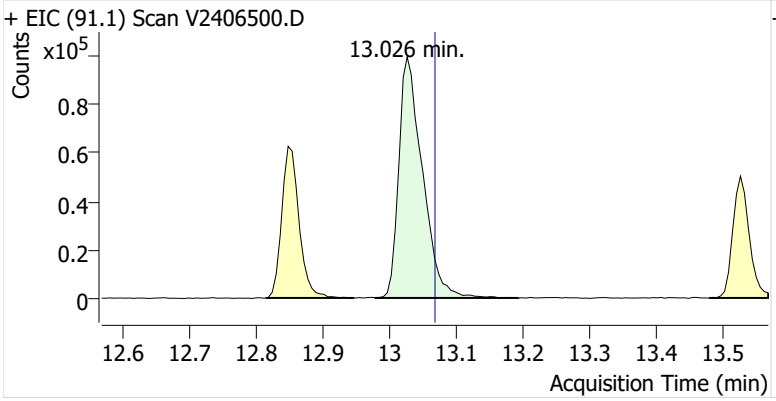


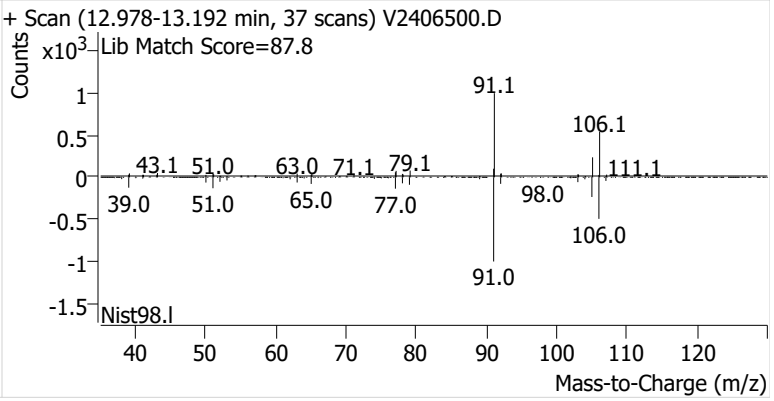
Ethylbenzene



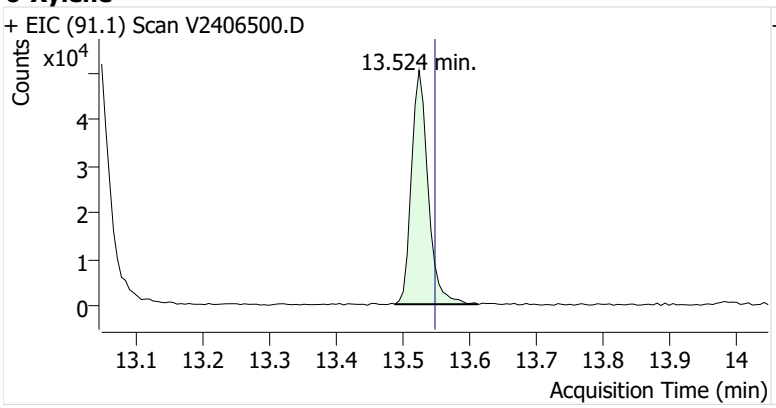


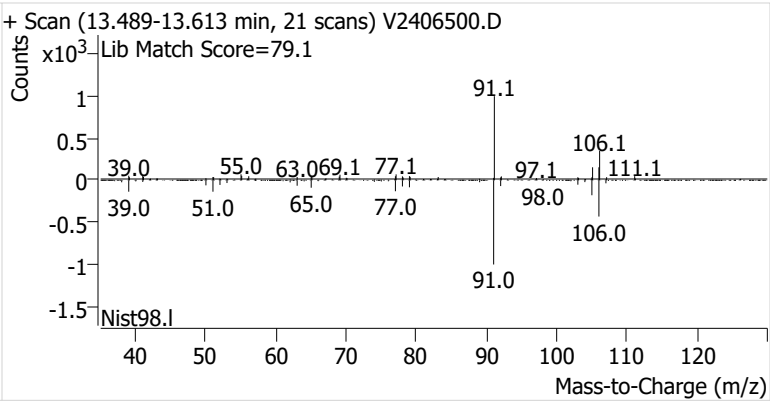
m-/p-Xylenes





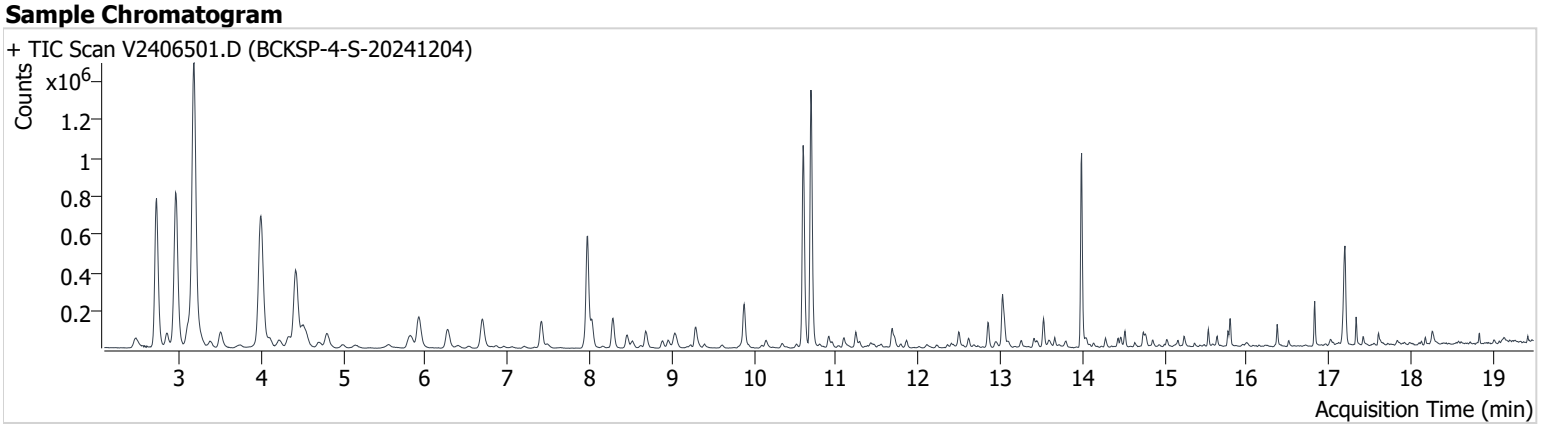
o-Xylene


+ EIC (91.1) Scan V2406500.D
Counts
x10^4
13.524 min.
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.489-13.613 min, 21 scans) V2406500.D
Counts
x10^3
Lib Match Score=79.1
91.1
106.1
39.0
55.0
63.0
69.1
77.1
97.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

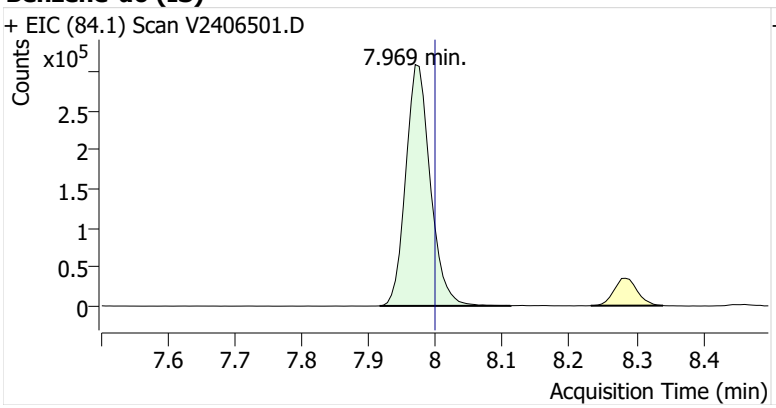
Name	BCKSP-4-S-20241204
Comment	B50576
Data File	V2406501.D
Acq. Date-Time	12/23/2024 8:37:08 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

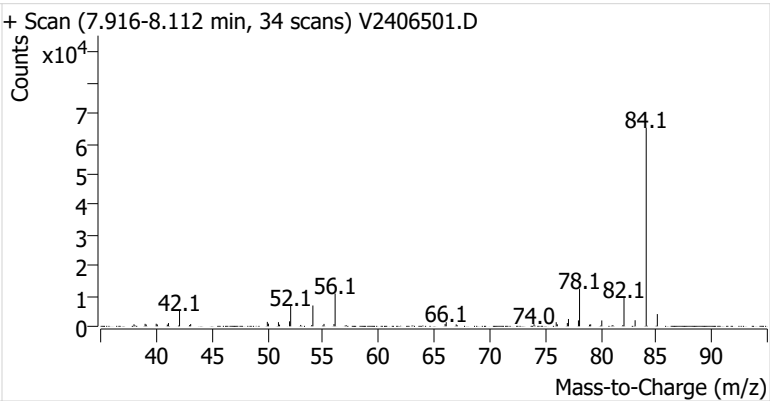
Sample Chromatogram



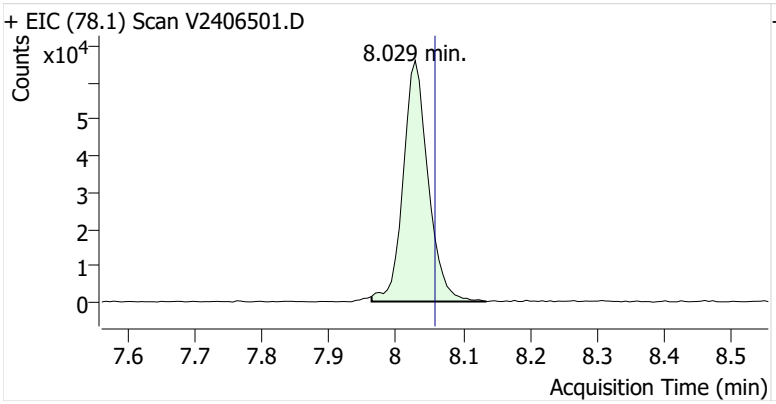
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.969	7.999	789,817	
Benzene	Benzene-d6 (IS)	8.029	8.058	171,249	
Toluene-d8 (IS)		10.599	10.628	859,594	
Toluene	Toluene-d8 (IS)	10.693	10.723	1,195,427	
Ethylbenzene	Toluene-d8 (IS)	12.848	12.878	98,292	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.068	244,275	
o-Xylene	Toluene-d8 (IS)	13.525	13.548	90,565	

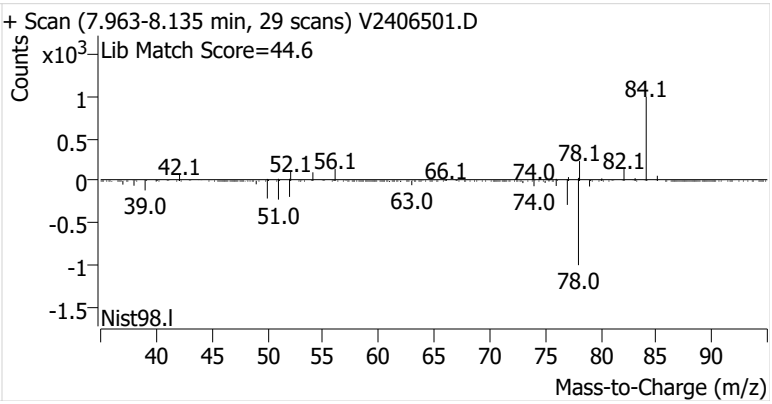
Benzene-d6 (IS)



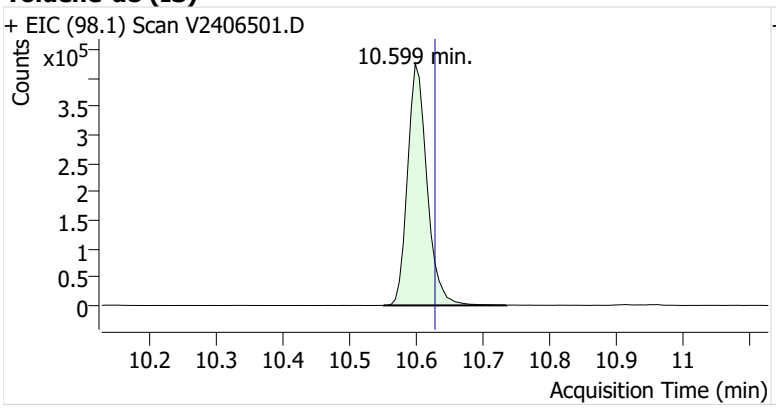


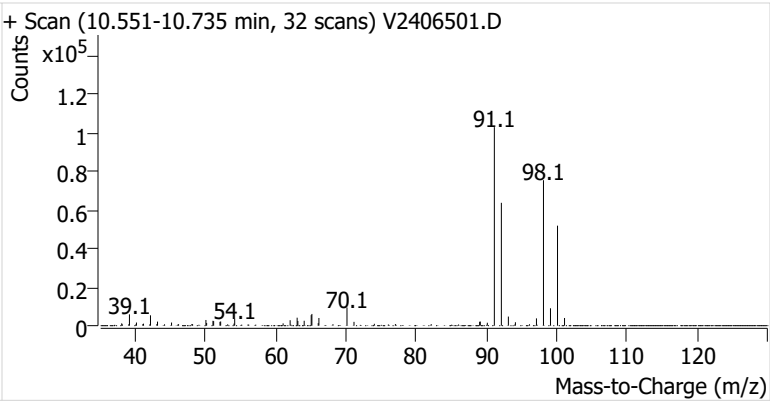
Benzene



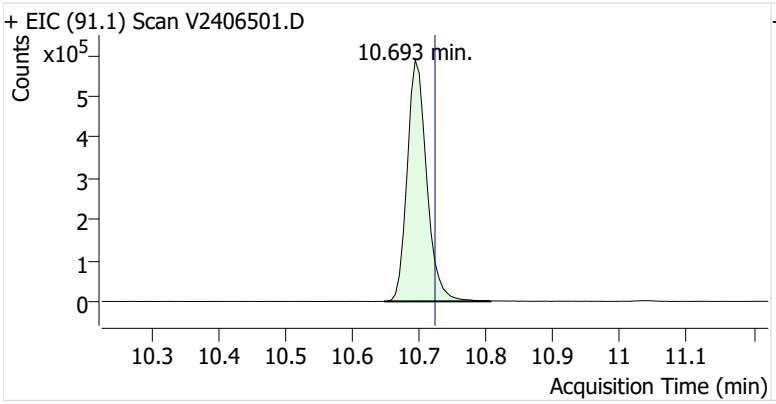


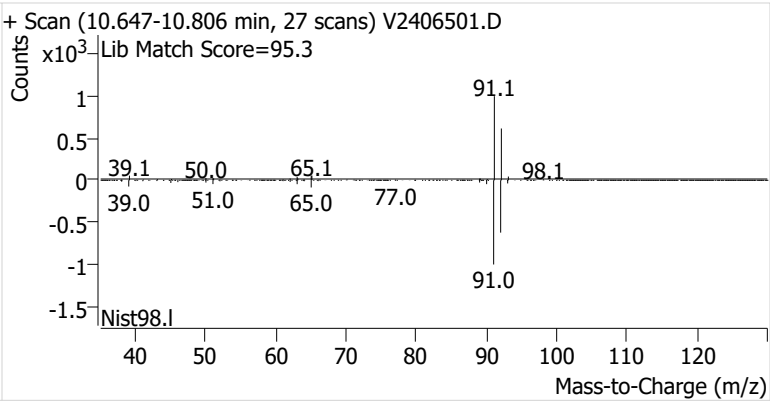
Toluene-d8 (IS)



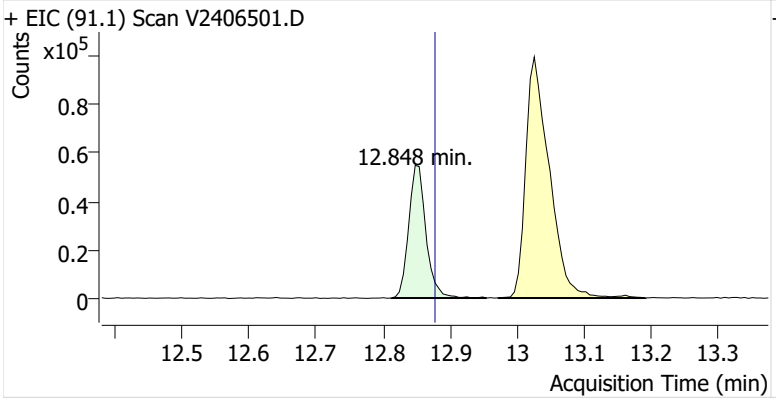


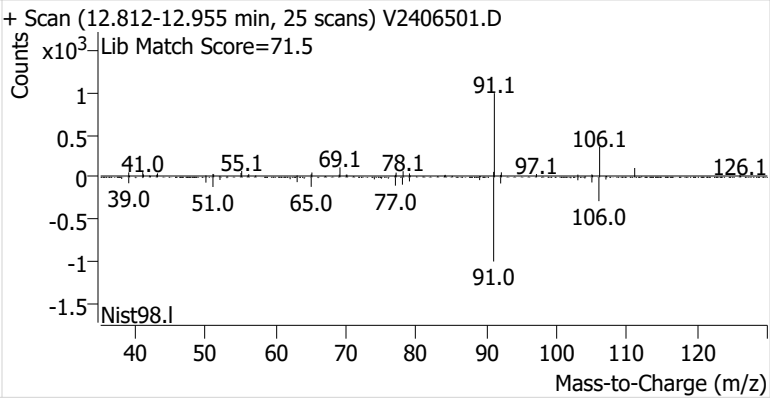
Toluene



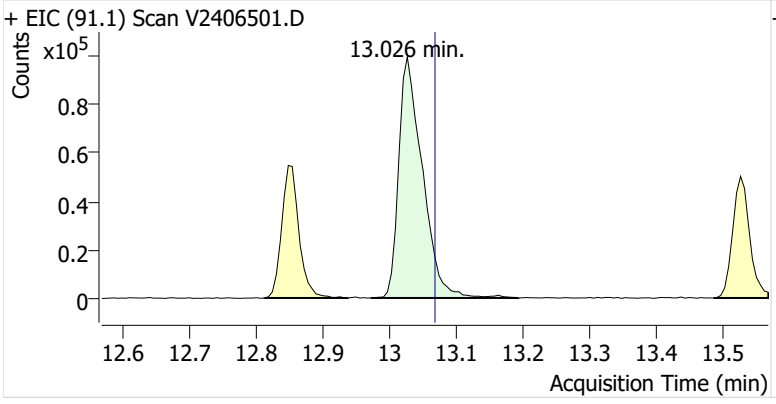


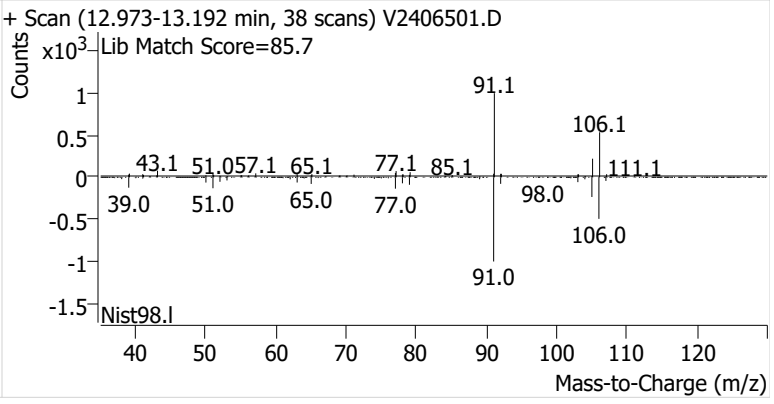
Ethylbenzene



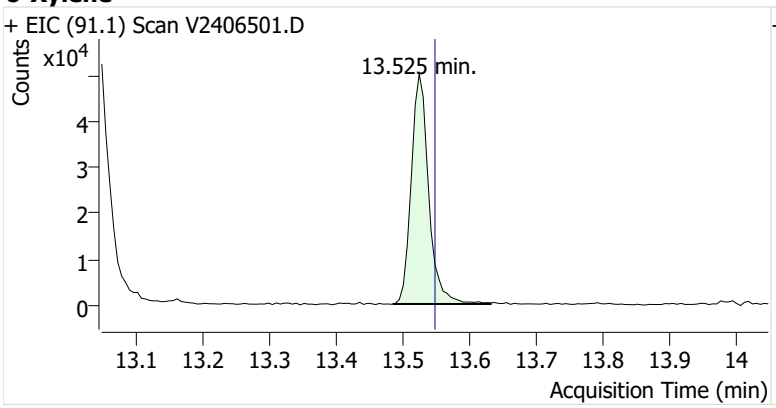


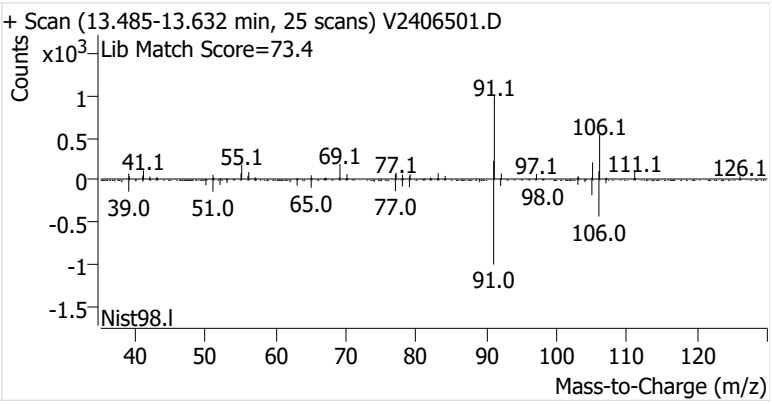
m-/p-Xylenes





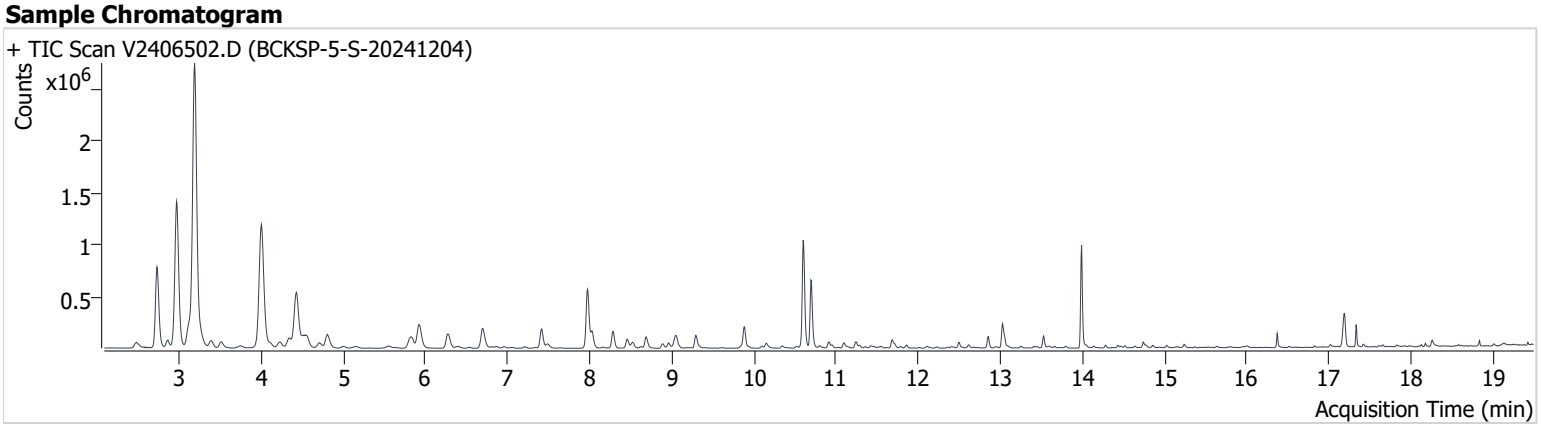
o-Xylene


+ EIC (91.1) Scan V2406501.D
Counts
x10^4
13.525 min.
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.485-13.632 min, 25 scans) V2406501.D
Counts
x10^3
Lib Match Score=73.4
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

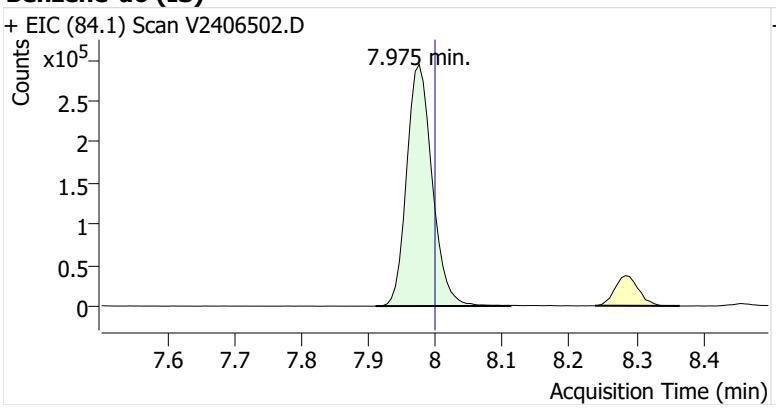
Name	BCKSP-5-S-20241204
Comment	C00665
Data File	V2406502.D
Acq. Date-Time	12/23/2024 9:18:14 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

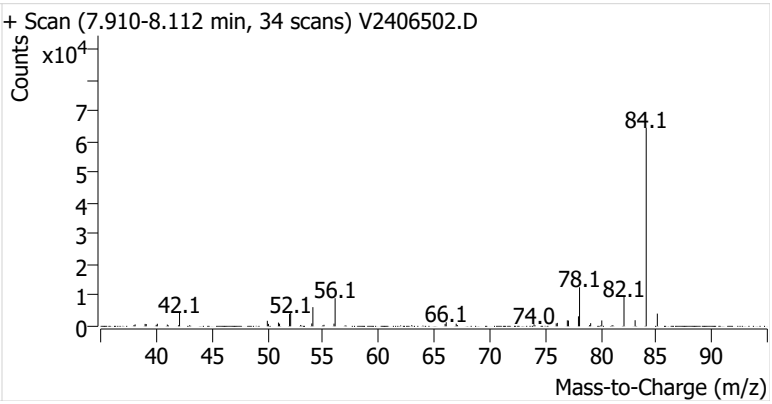
Sample Chromatogram



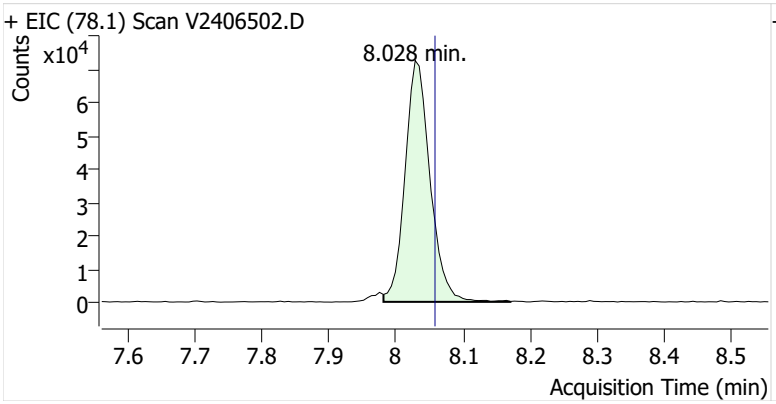
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.975	7.999	782,182	
Benzene	Benzene-d6 (IS)	8.028	8.058	189,600	
Toluene-d8 (IS)		10.598	10.628	856,754	
Toluene	Toluene-d8 (IS)	10.693	10.723	553,084	
Ethylbenzene	Toluene-d8 (IS)	12.854	12.878	85,975	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.068	206,636	
o-Xylene	Toluene-d8 (IS)	13.525	13.548	75,957	

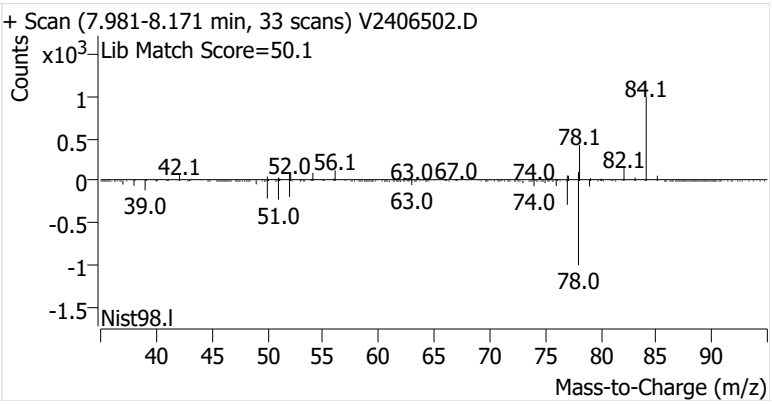
Benzene-d6 (IS)



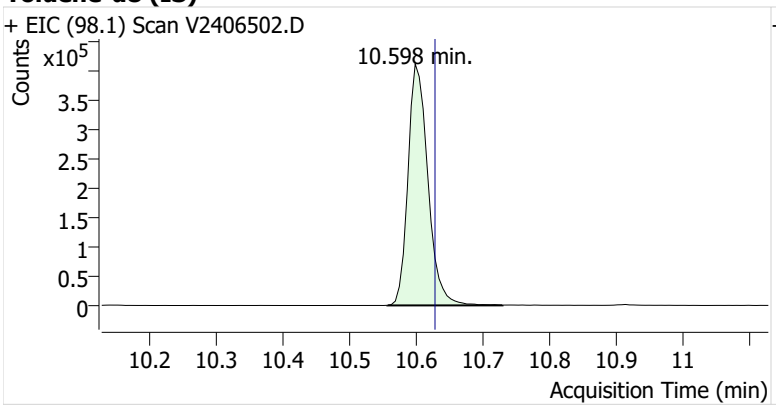


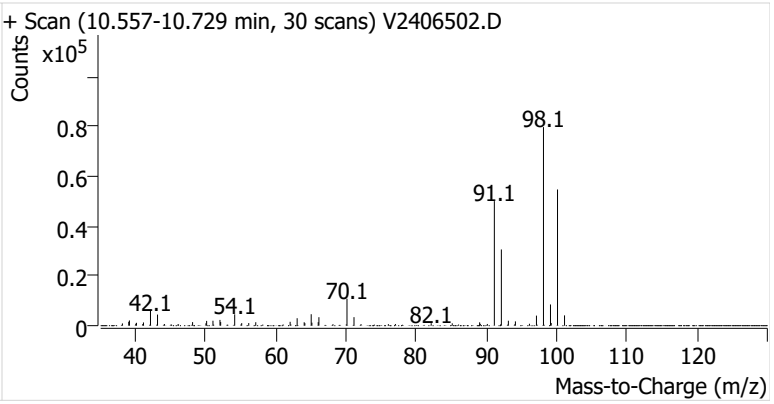
Benzene



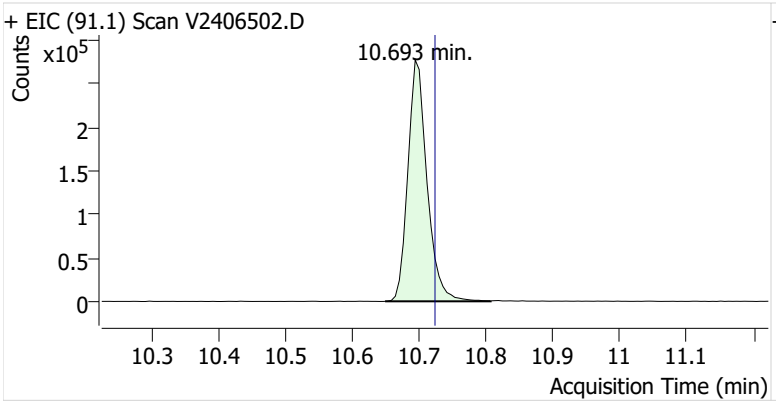


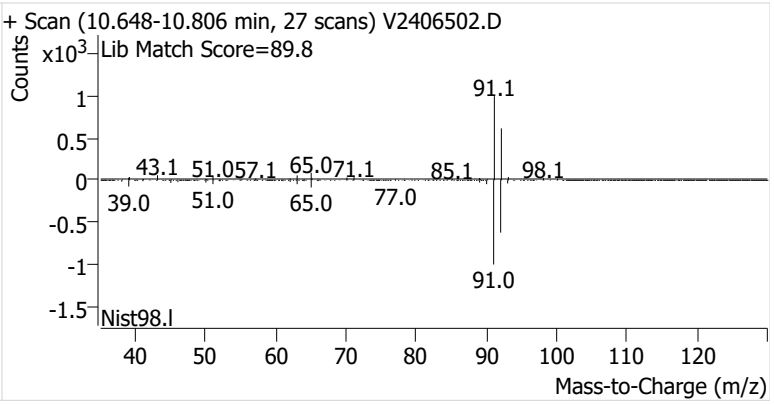
Toluene-d8 (IS)



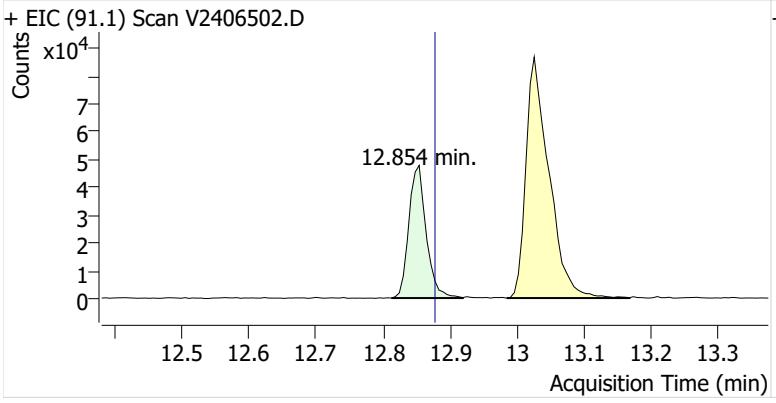


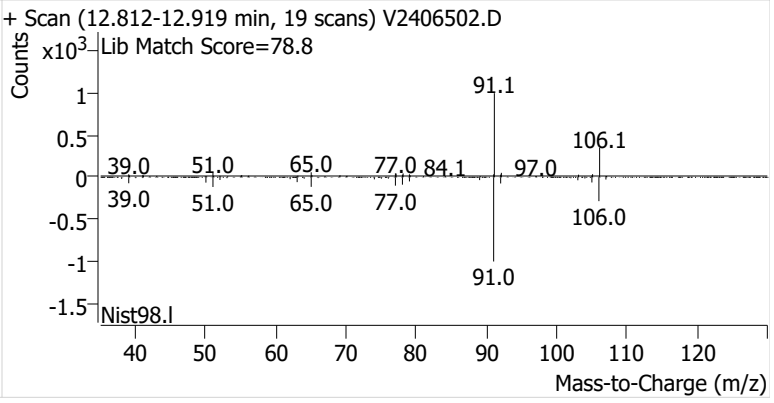
Toluene



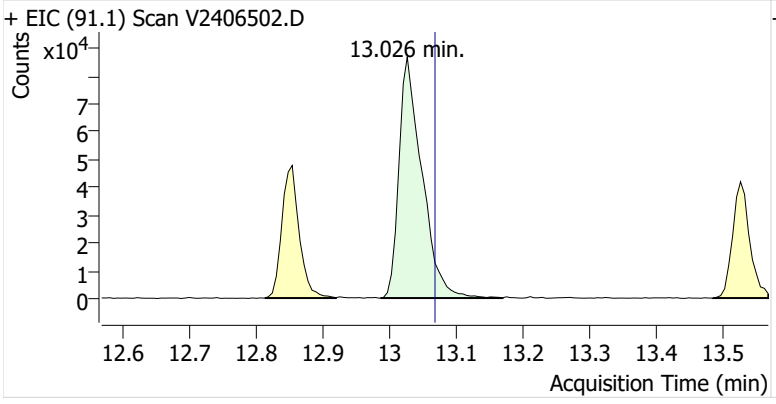


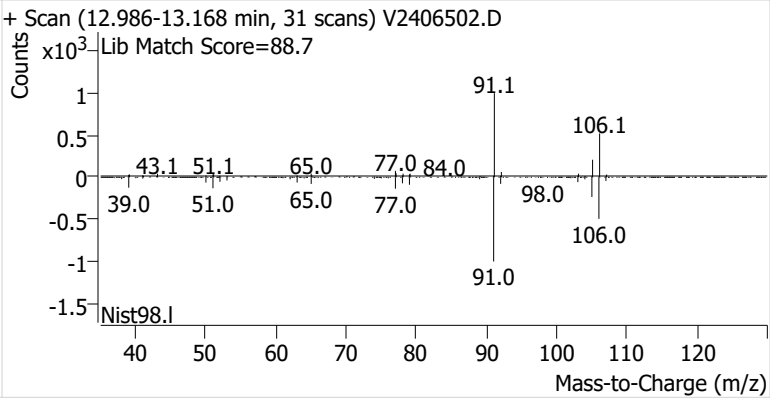
Ethylbenzene



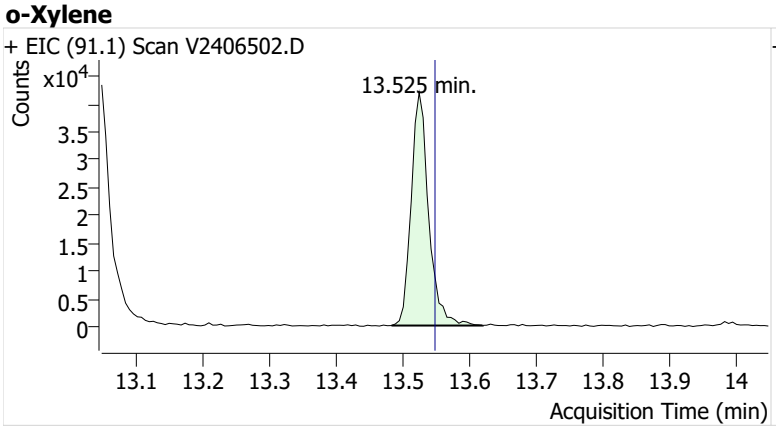


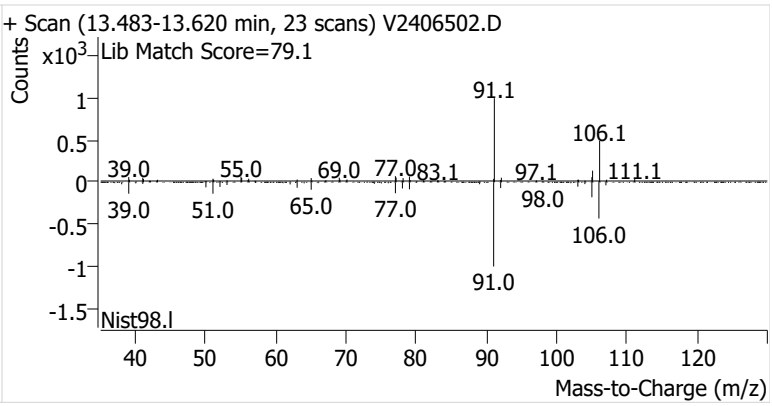
m-/p-Xylenes





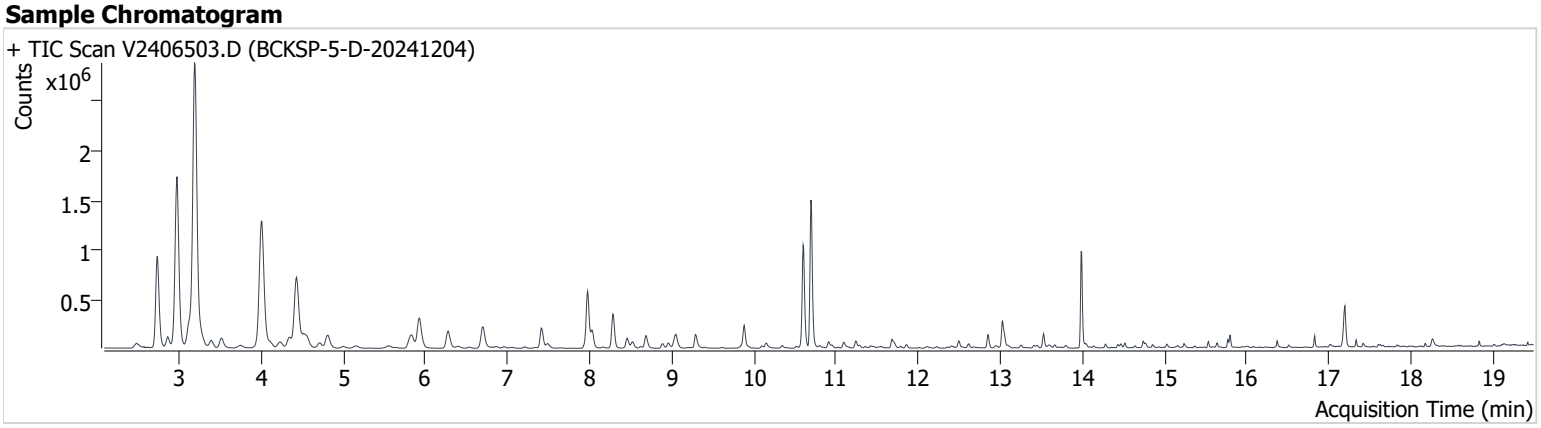
o-Xylene


+ EIC (91.1) Scan V2406502.D
Counts
x10^4
13.525 min.
3.5
3
2.5
2
1.5
1
0.5
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.483-13.620 min, 23 scans) V2406502.D
Counts
x10^3
Lib Match Score=79.1
91.1
106.1
39.0
55.0
69.0
77.0
83.1
97.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

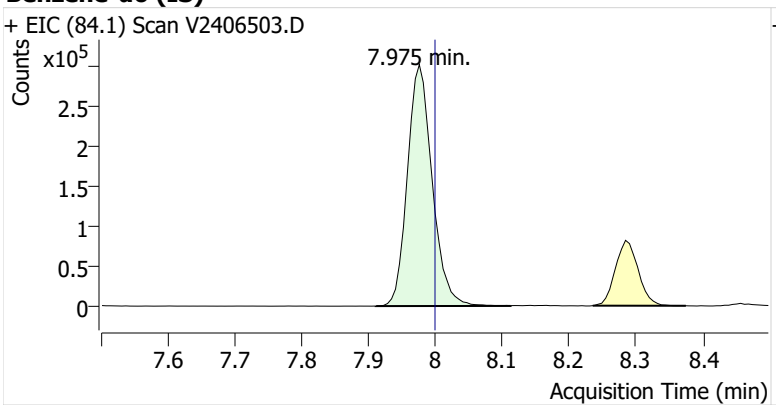
Name	BCKSP-5-D-20241204
Comment	C01311
Data File	V2406503.D
Acq. Date-Time	12/23/2024 9:59:21 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

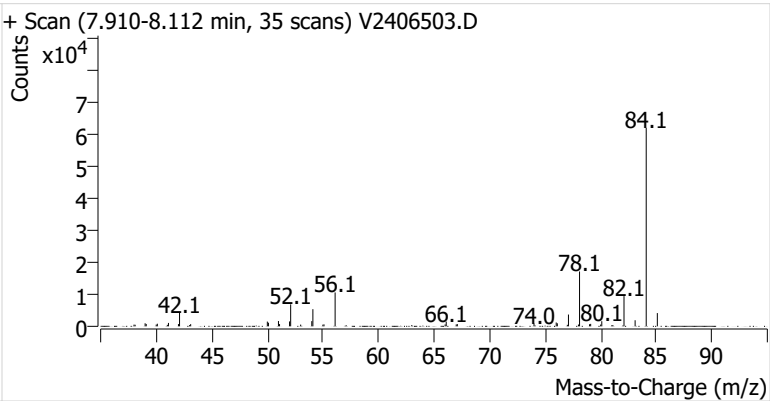
Sample Chromatogram



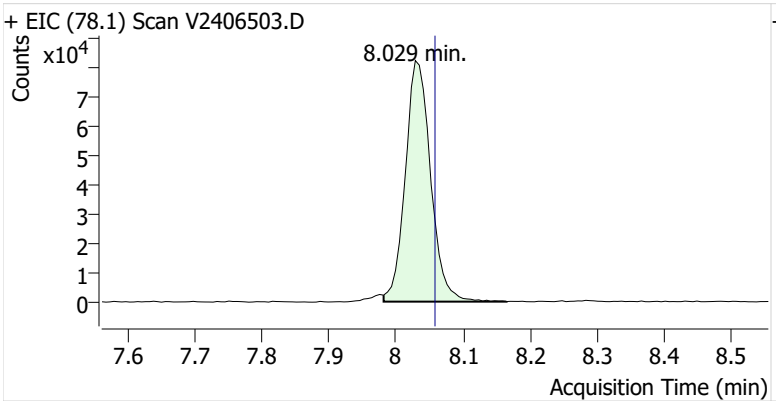
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.975	7.999	775,837	
Benzene	Benzene-d6 (IS)	8.029	8.058	216,946	
Toluene-d8 (IS)		10.599	10.628	851,229	
Toluene	Toluene-d8 (IS)	10.694	10.723	1,313,893	
Ethylbenzene	Toluene-d8 (IS)	12.848	12.878	103,038	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.068	239,782	
o-Xylene	Toluene-d8 (IS)	13.525	13.548	88,636	

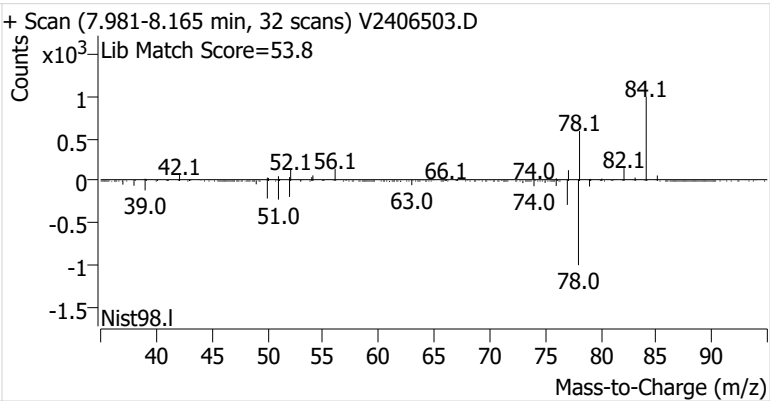
Benzene-d6 (IS)



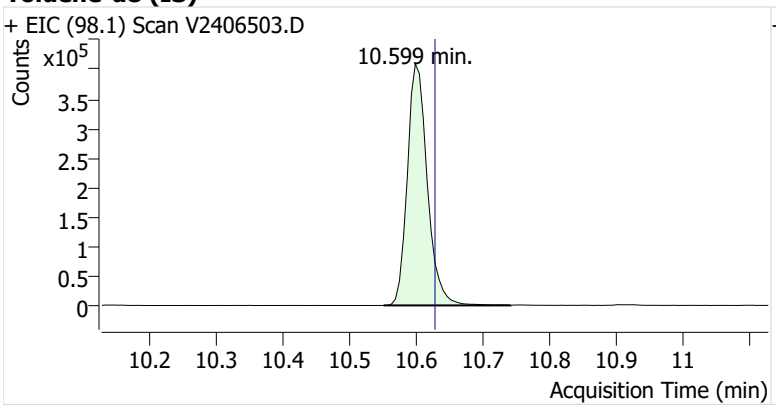


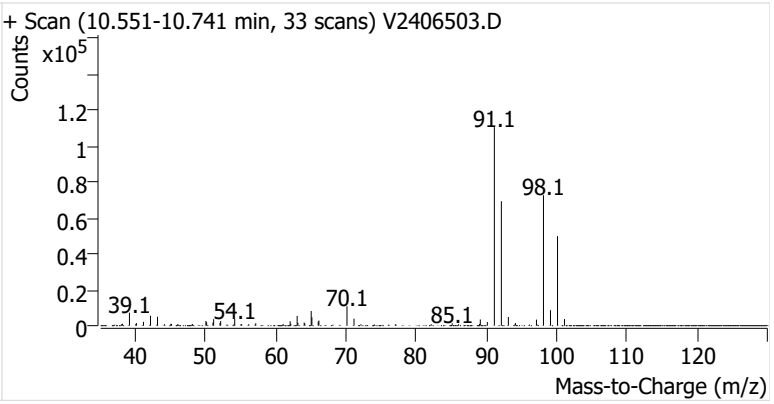
Benzene



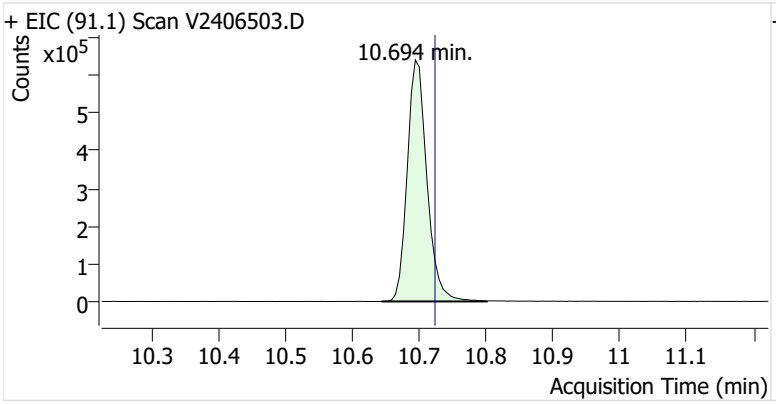


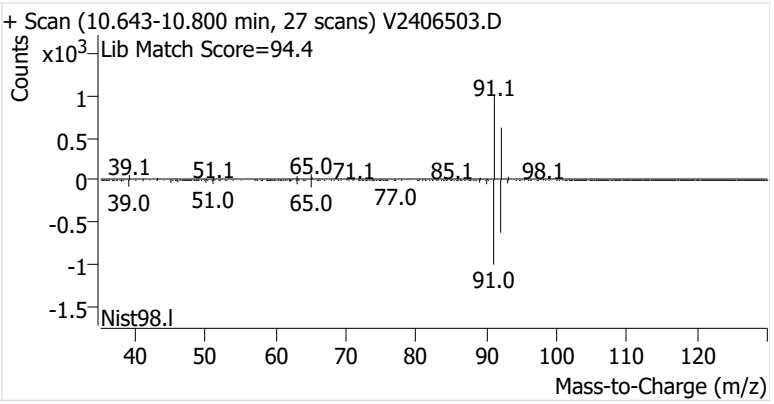
Toluene-d8 (IS)



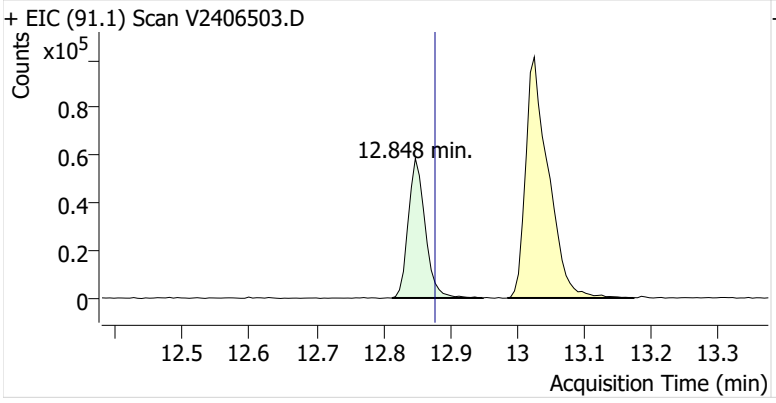


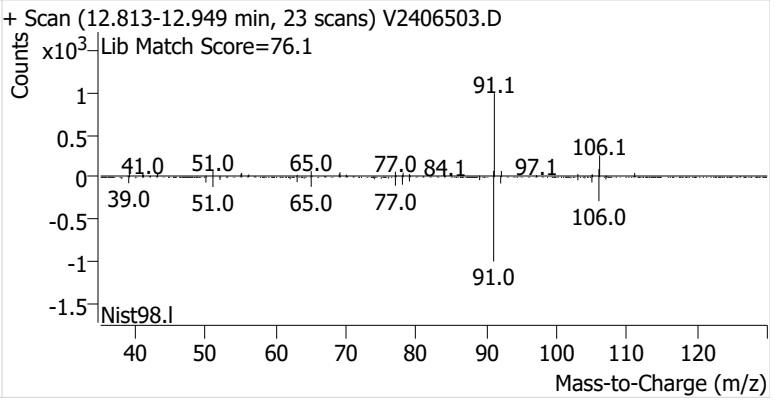
Toluene



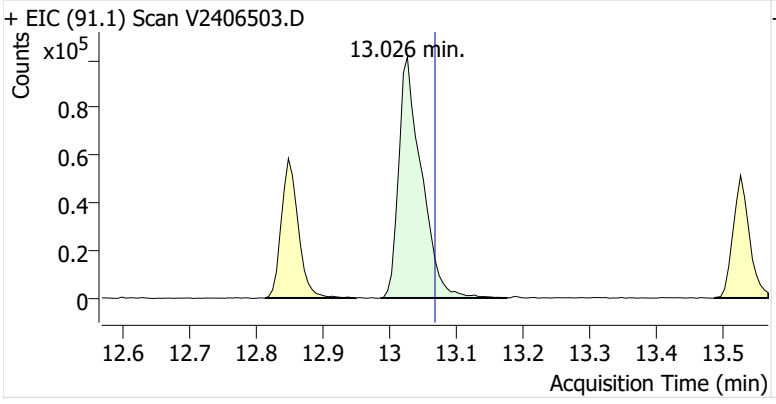


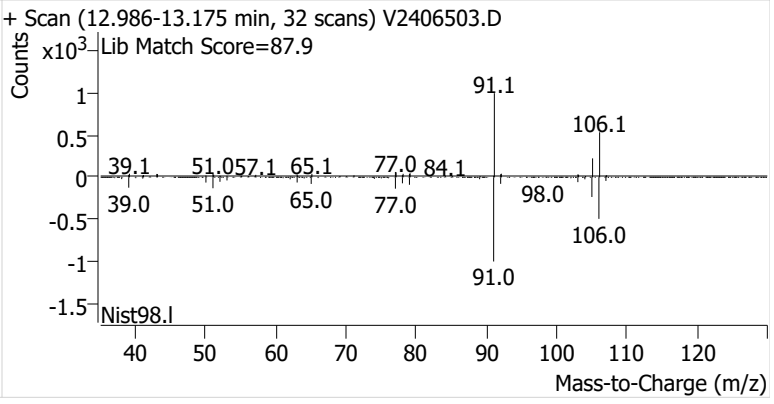
Ethylbenzene



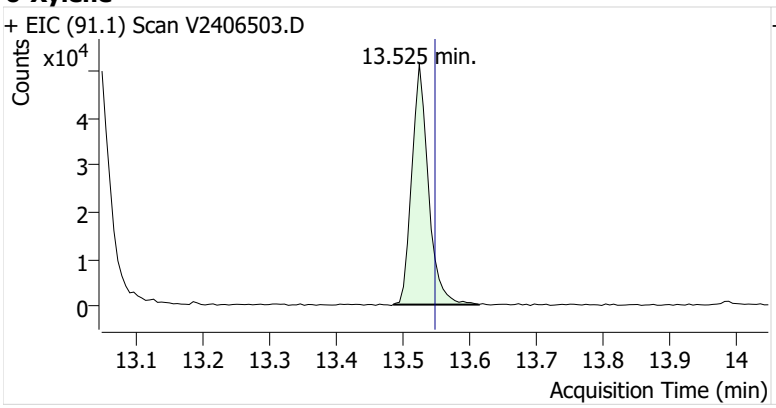


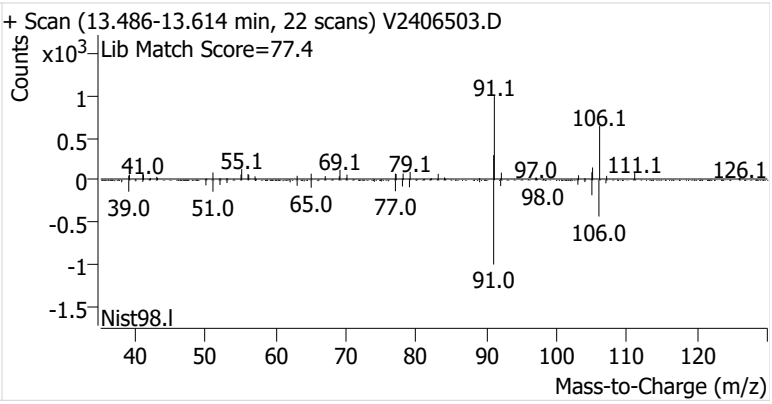
m-/p-Xylenes





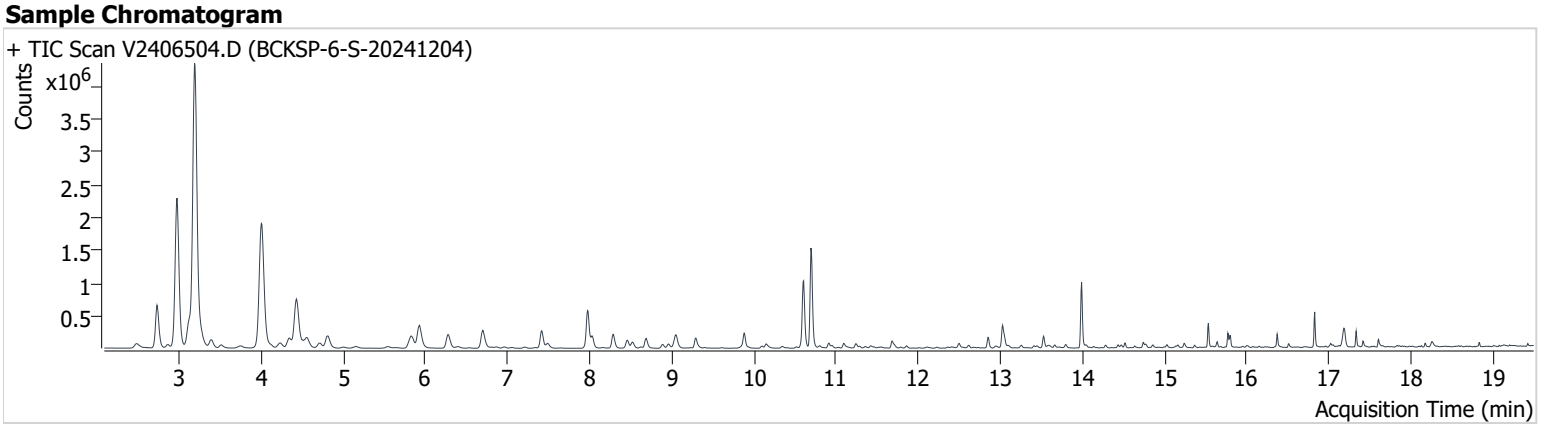
o-Xylene


+ EIC (91.1) Scan V2406503.D
Counts
x10^4
13.525 min.
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.486-13.614 min, 22 scans) V2406503.D
Counts
x10^3
Lib Match Score=77.4
91.1
106.1
41.0
55.1
69.1
79.1
97.0
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

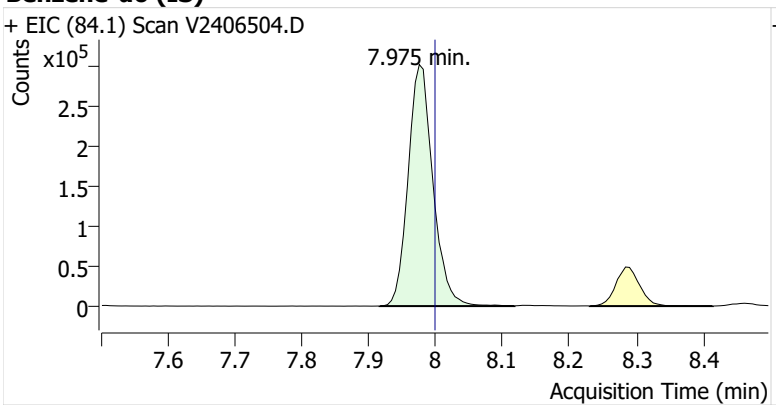
Name	BCKSP-6-S-20241204
Comment	C40563
Data File	V2406504.D
Acq. Date-Time	12/23/2024 10:40:29 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

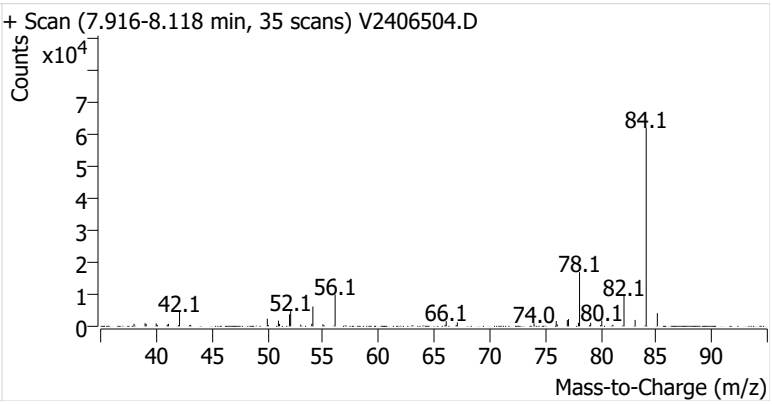
Sample Chromatogram



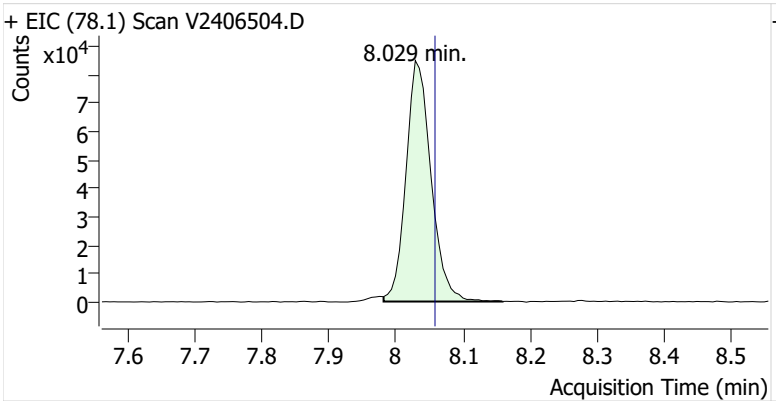
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.975	7.999	777,209	
Benzene	Benzene-d6 (IS)	8.029	8.058	220,803	
Toluene-d8 (IS)		10.605	10.628	849,294	
Toluene	Toluene-d8 (IS)	10.694	10.723	1,335,680	
Ethylbenzene	Toluene-d8 (IS)	12.854	12.878	125,452	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.068	304,647	
o-Xylene	Toluene-d8 (IS)	13.525	13.548	113,308	

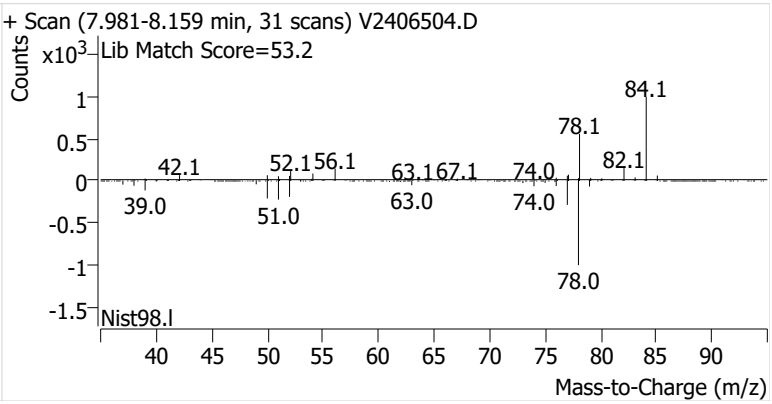
Benzene-d6 (IS)



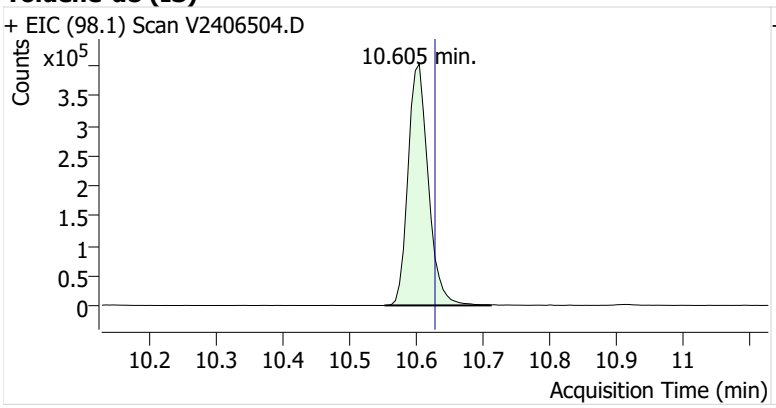


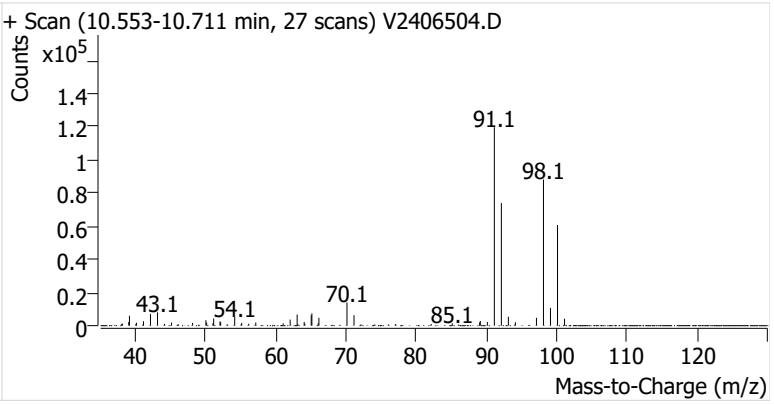
Benzene



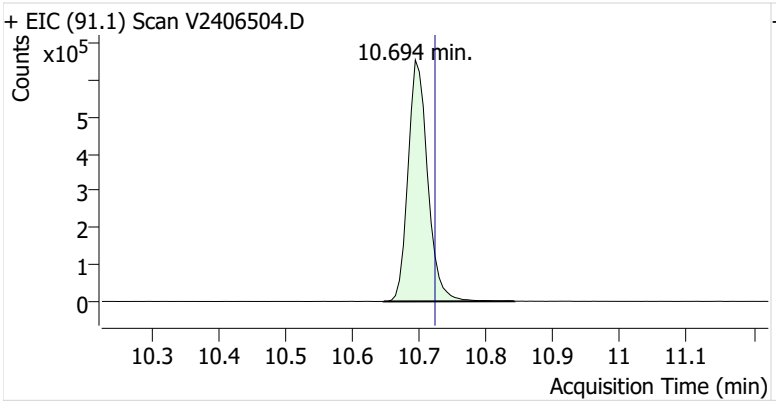


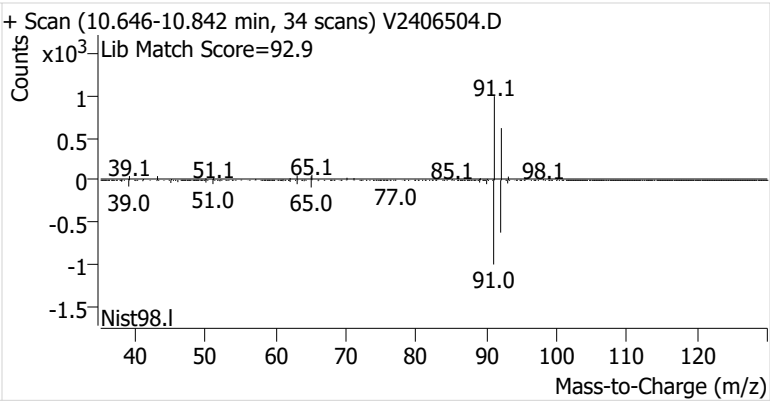
Toluene-d8 (IS)



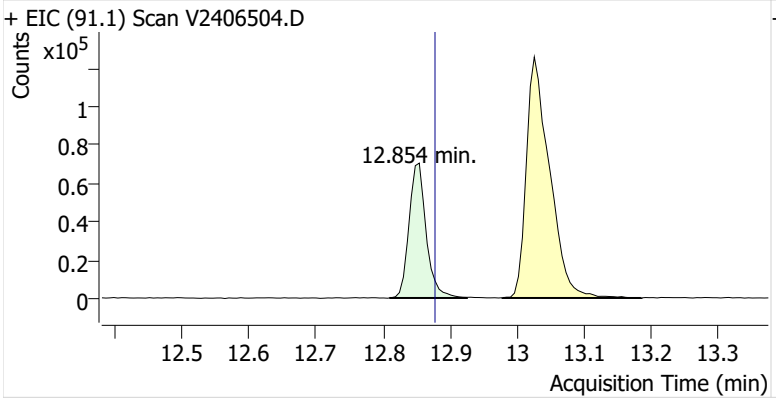


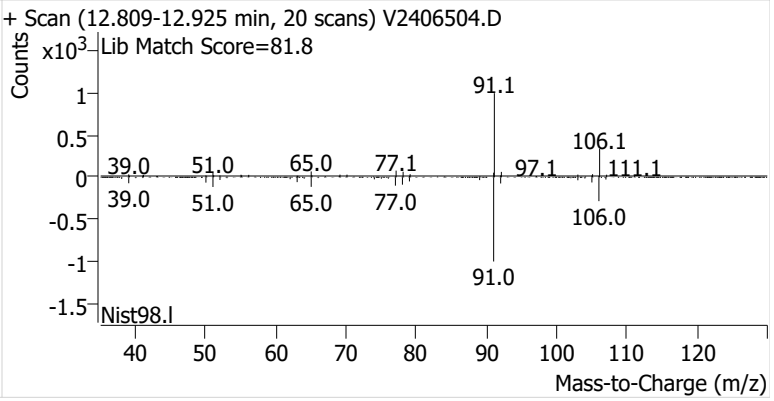
Toluene



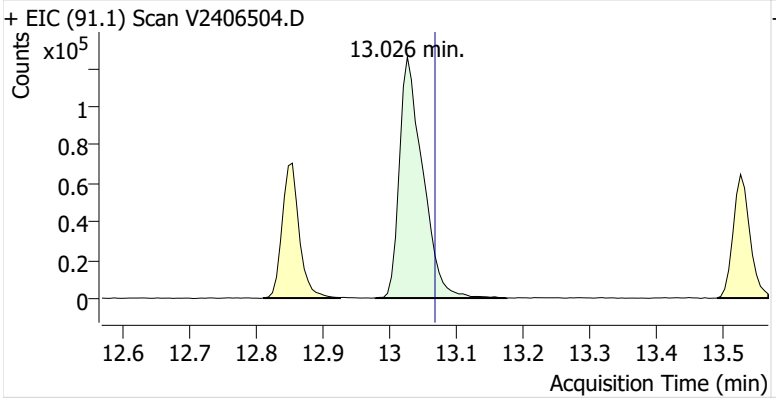


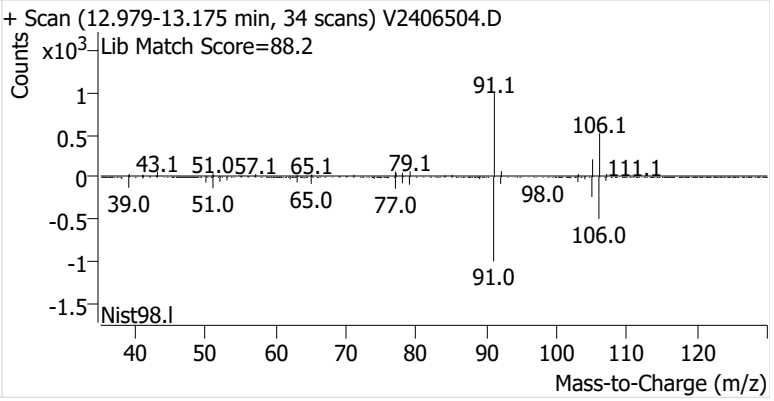
Ethylbenzene



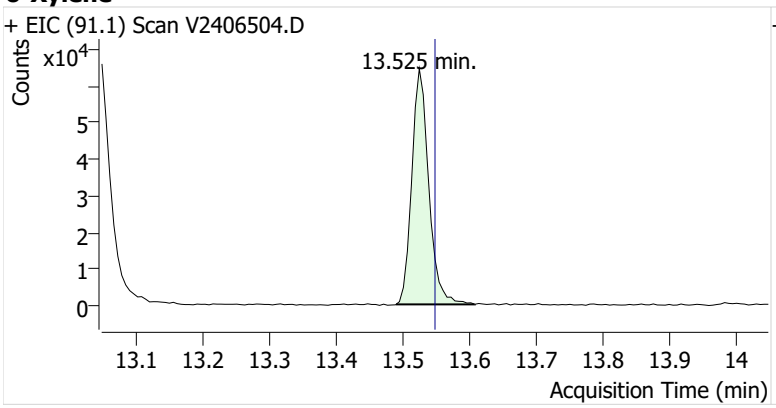


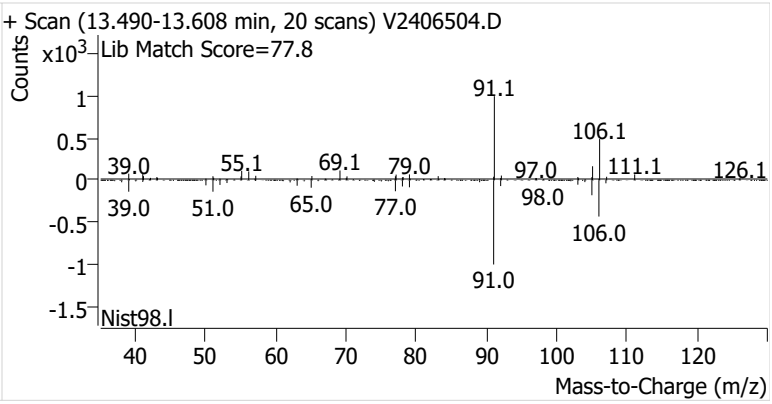
m-/p-Xylenes





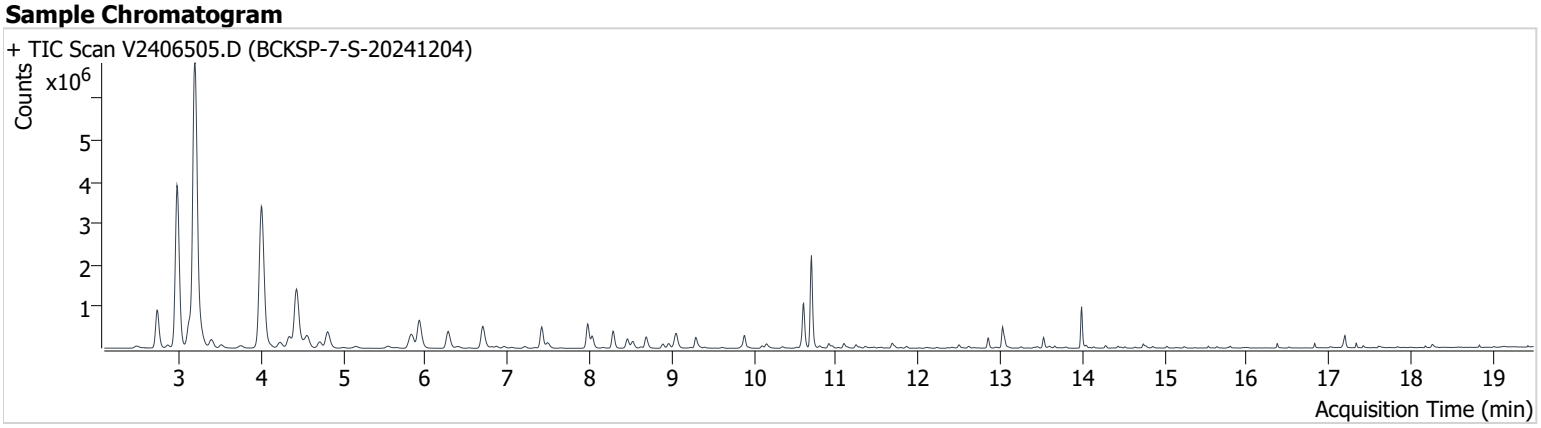
o-Xylene


+ EIC (91.1) Scan V2406504.D
Counts
x10^4
13.525 min.
5
4
3
2
1
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.490-13.608 min, 20 scans) V2406504.D
Counts
x10^3
Lib Match Score=77.8
91.1
106.1
39.0
55.1
69.1
79.0
97.0
111.1
126.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

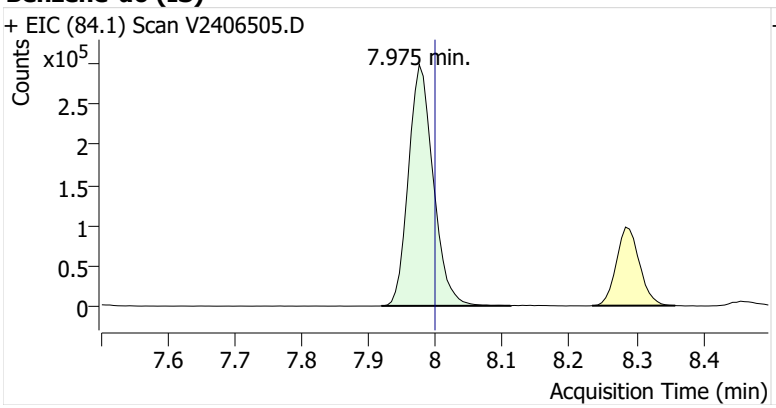
Name	BCKSP-7-S-20241204
Comment	B50870
Data File	V2406505.D
Acq. Date-Time	12/23/2024 11:21:36 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

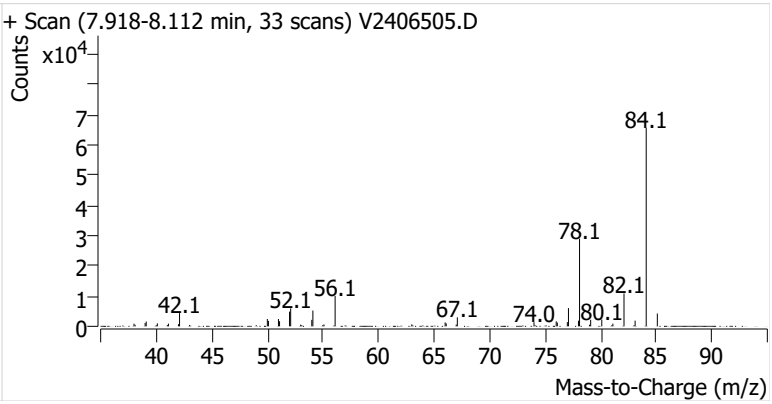
Sample Chromatogram



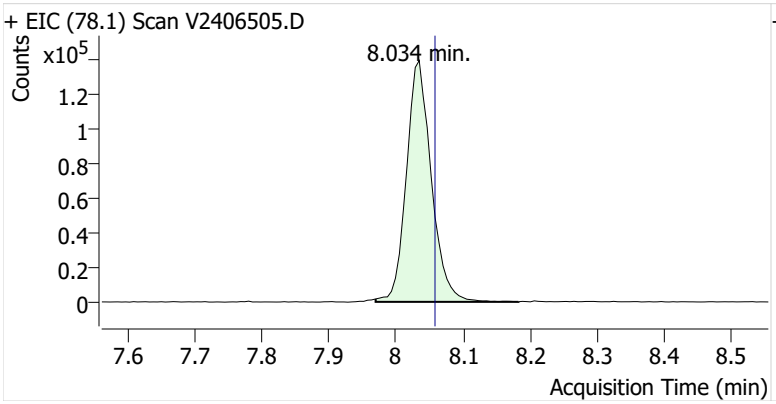
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.975	7.999	770,247	
Benzene	Benzene-d6 (IS)	8.034	8.058	361,597	
Toluene-d8 (IS)		10.604	10.628	843,549	
Toluene	Toluene-d8 (IS)	10.699	10.723	1,873,953	
Ethylbenzene	Toluene-d8 (IS)	12.848	12.878	191,544	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.068	442,704	
o-Xylene	Toluene-d8 (IS)	13.525	13.548	160,788	

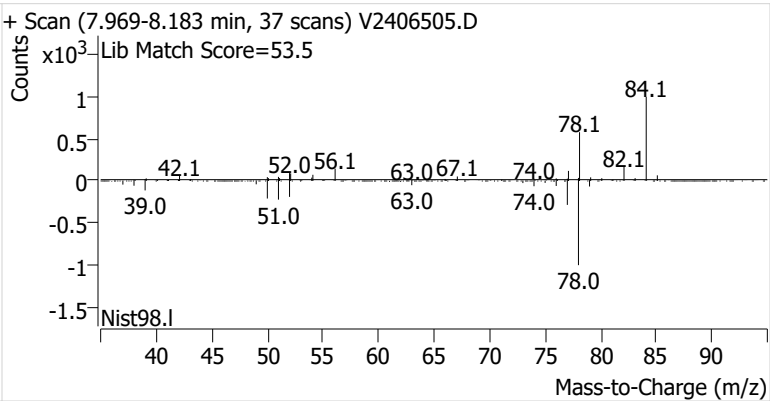
Benzene-d6 (IS)



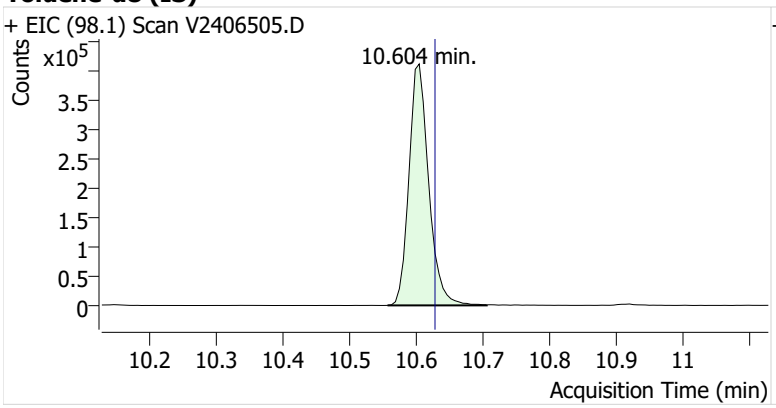


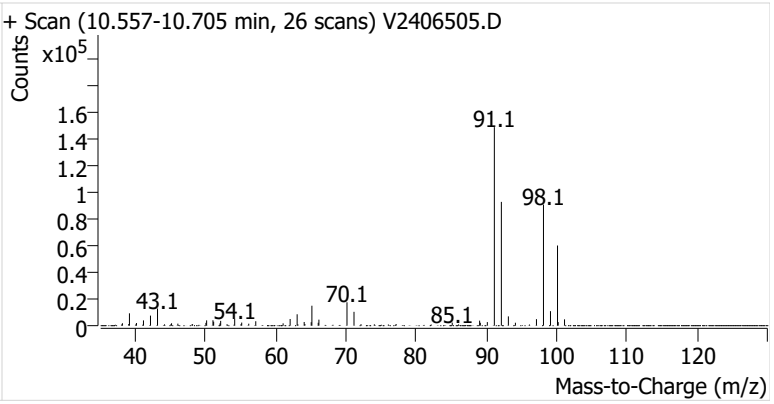
Benzene



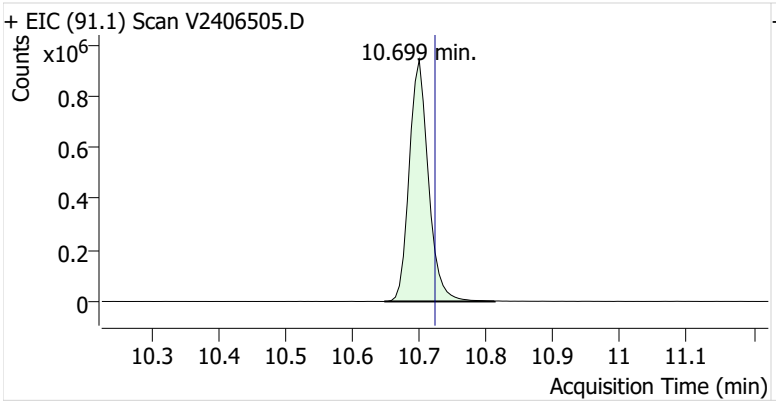


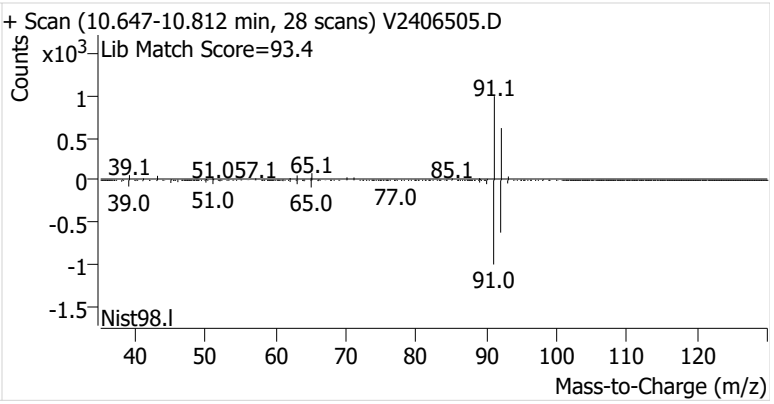
Toluene-d8 (IS)



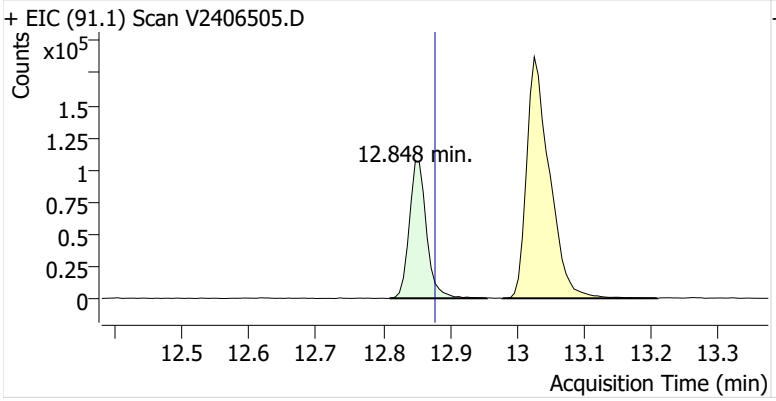


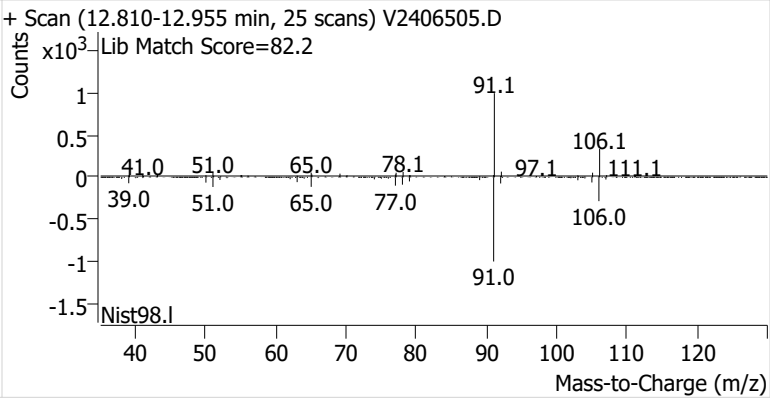
Toluene



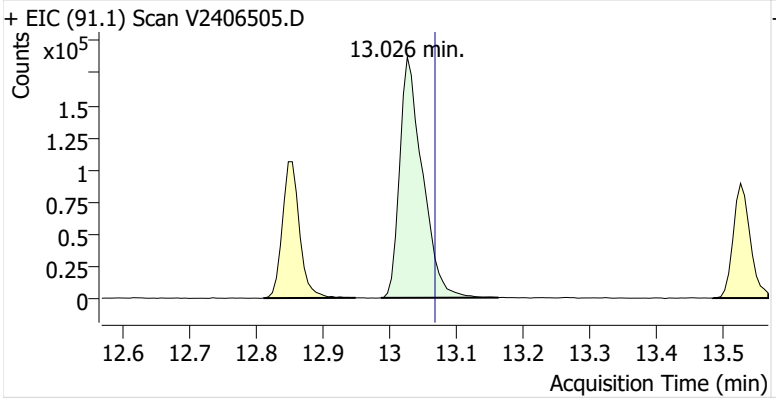


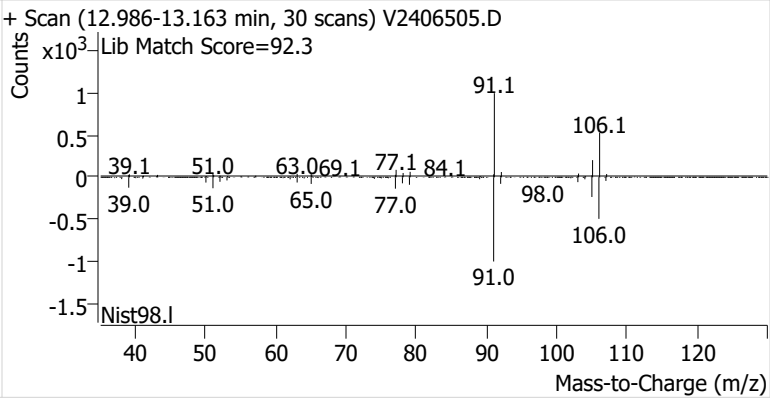
Ethylbenzene



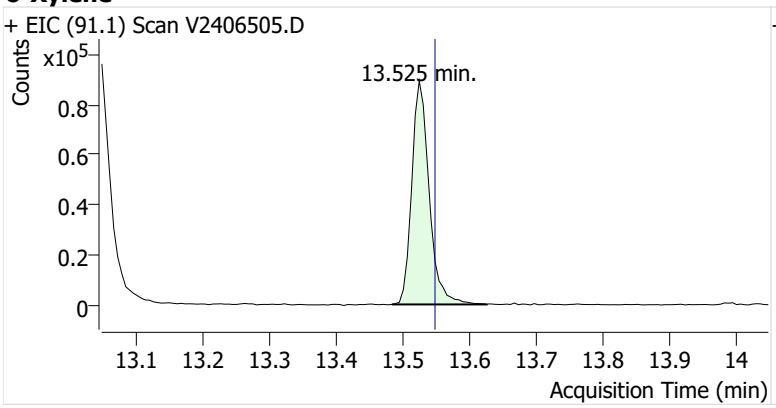


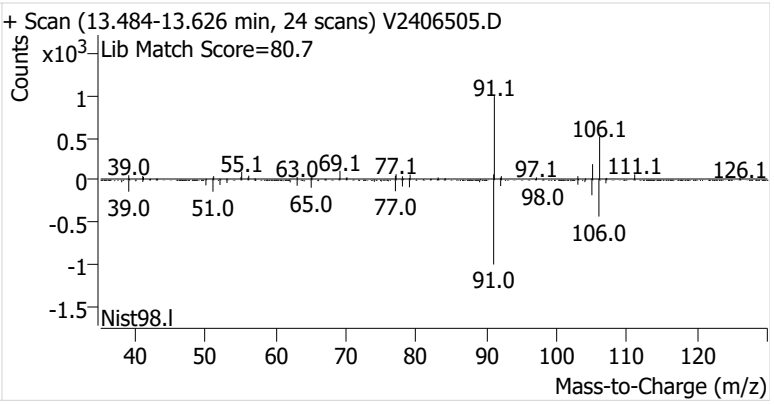
m-/p-Xylenes





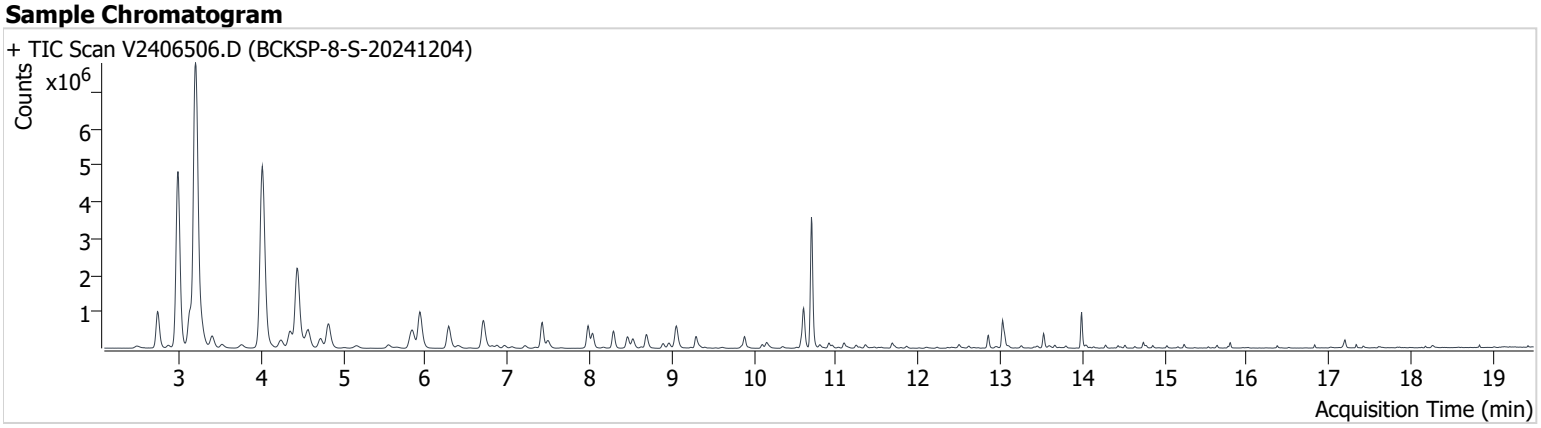
o-Xylene


+ EIC (91.1) Scan V2406505.D
Counts
x10^5
13.525 min.
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.484-13.626 min, 24 scans) V2406505.D
Counts
x10^3
Lib Match Score=80.7
91.1
106.1
39.0
55.1
63.0
69.1
77.1
97.1
111.1
126.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

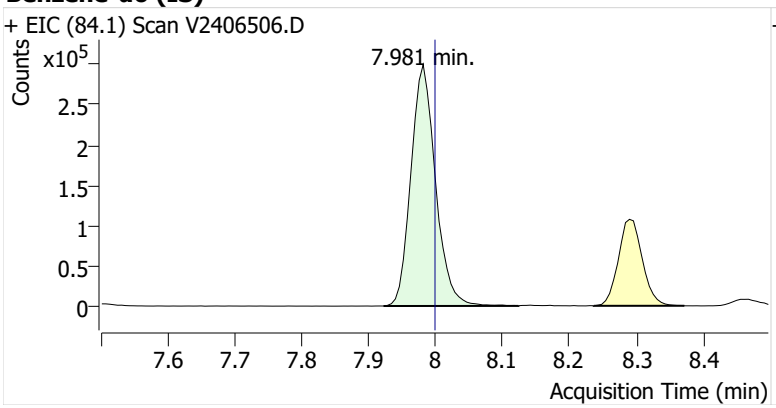
Name	BCKSP-8-S-20241204
Comment	B27870
Data File	V2406506.D
Acq. Date-Time	12/24/2024 12:02:43 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

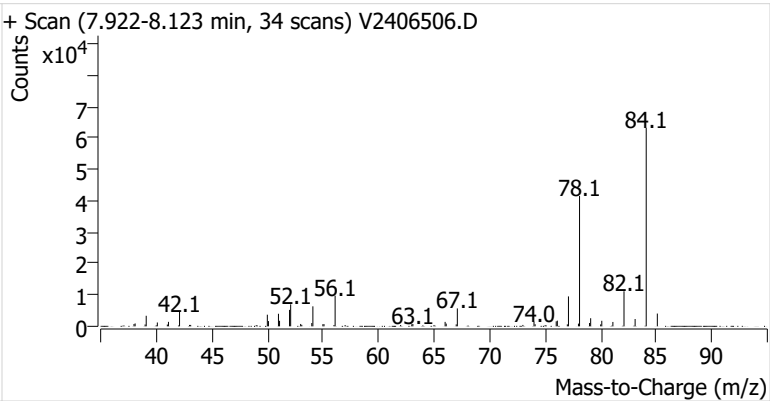
Sample Chromatogram



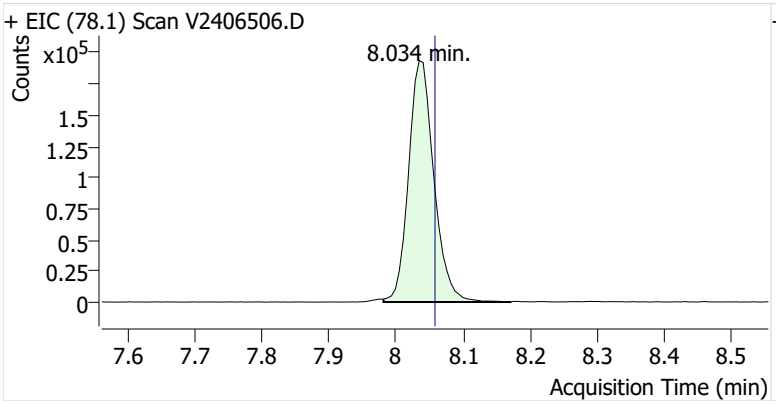
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.981	7.999	764,443	
Benzene	Benzene-d6 (IS)	8.034	8.058	510,170	
Toluene-d8 (IS)		10.604	10.628	843,862	
Toluene	Toluene-d8 (IS)	10.699	10.723	2,995,564	
Ethylbenzene	Toluene-d8 (IS)	12.854	12.878	273,254	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.068	681,569	
o-Xylene	Toluene-d8 (IS)	13.525	13.548	255,839	

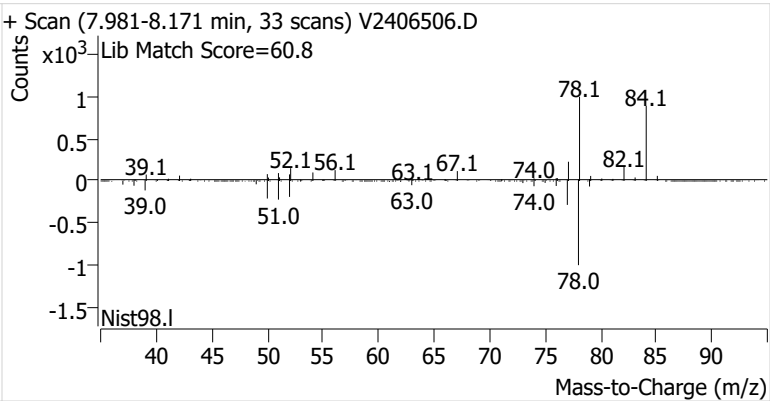
Benzene-d6 (IS)



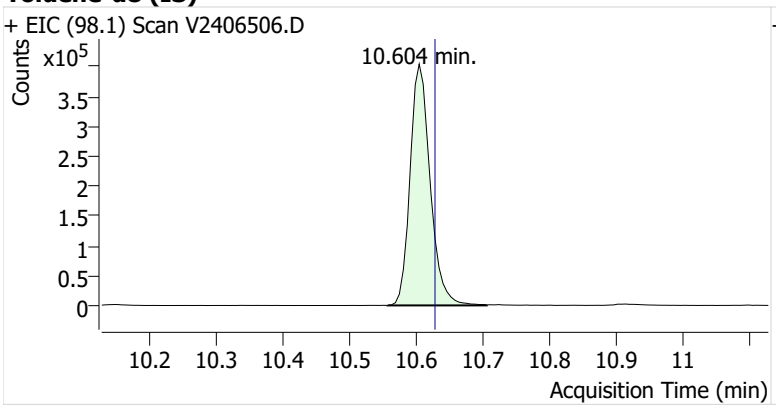


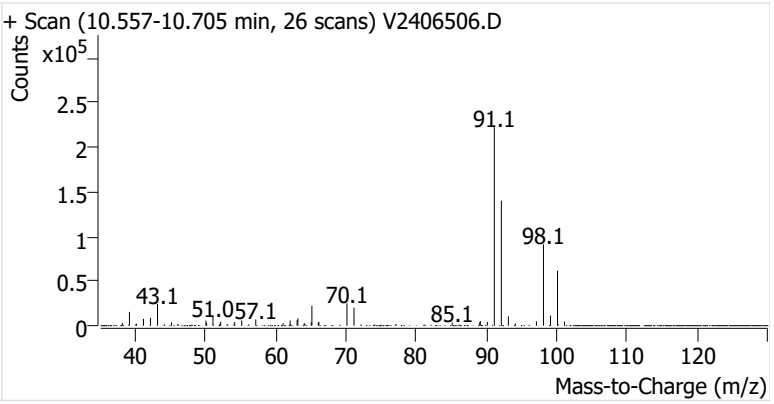
Benzene



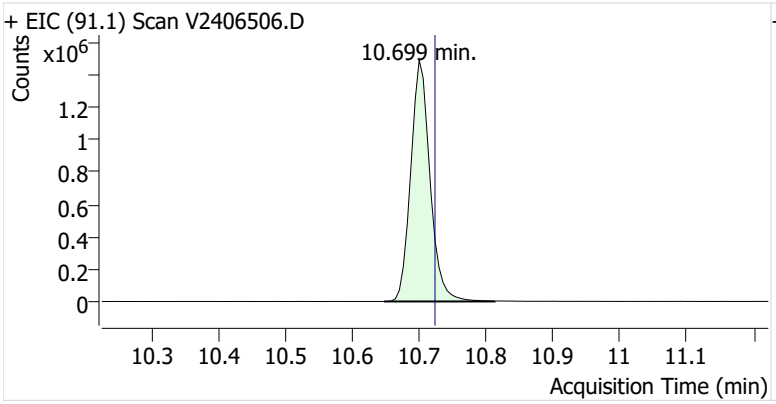


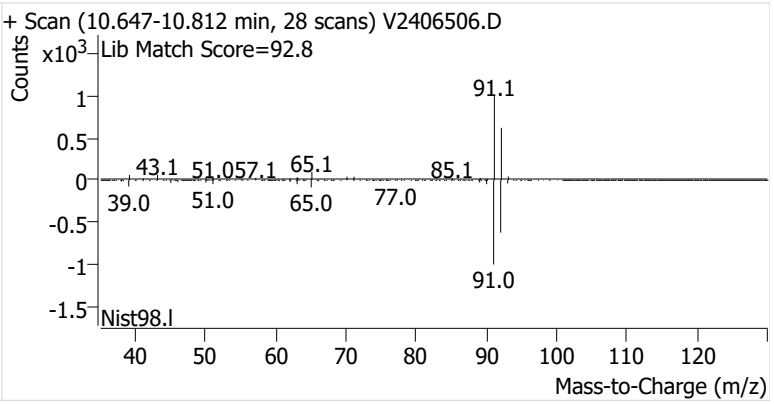
Toluene-d8 (IS)



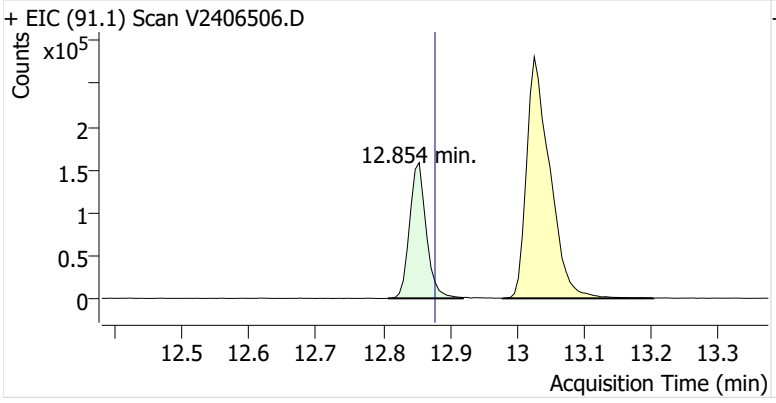


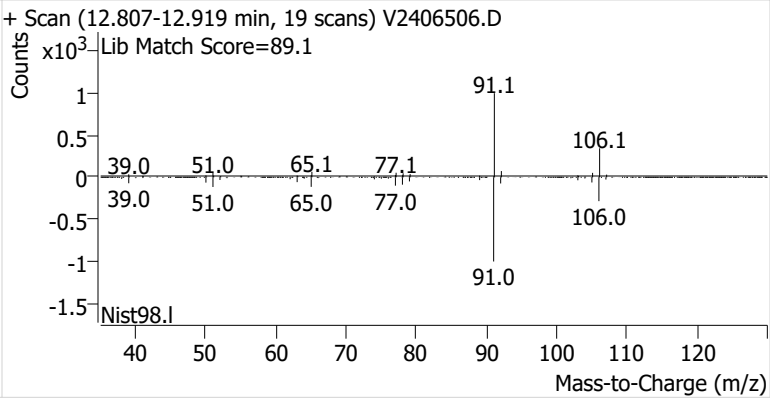
Toluene



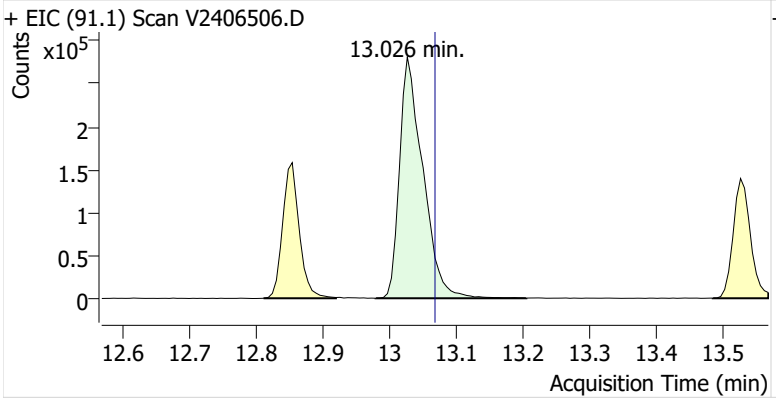


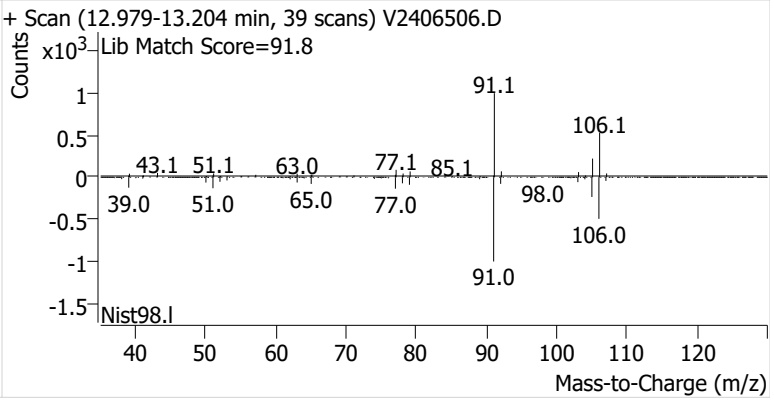
Ethylbenzene



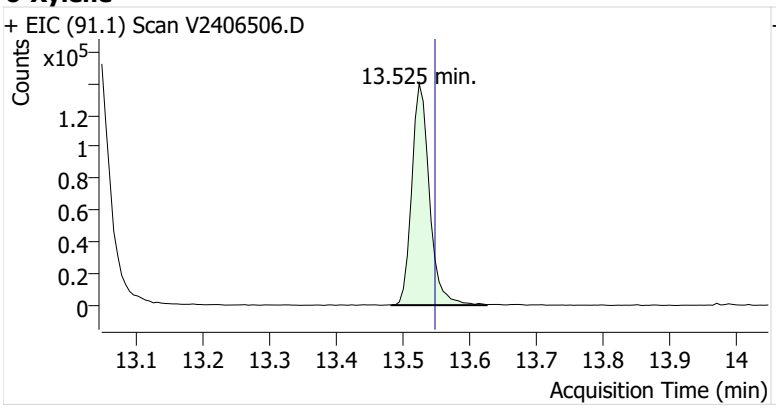


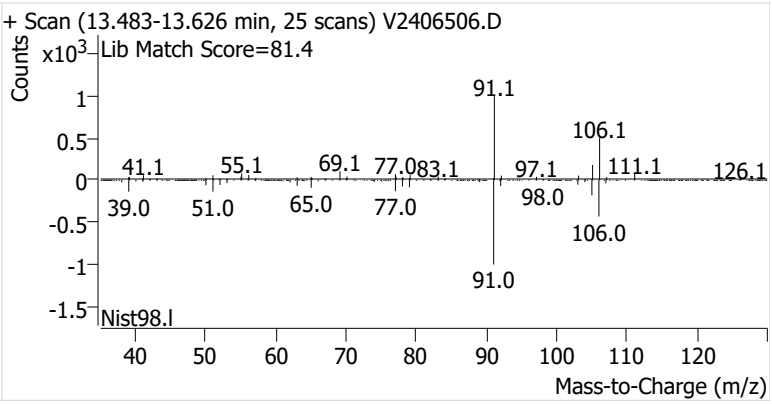
m-/p-Xylenes





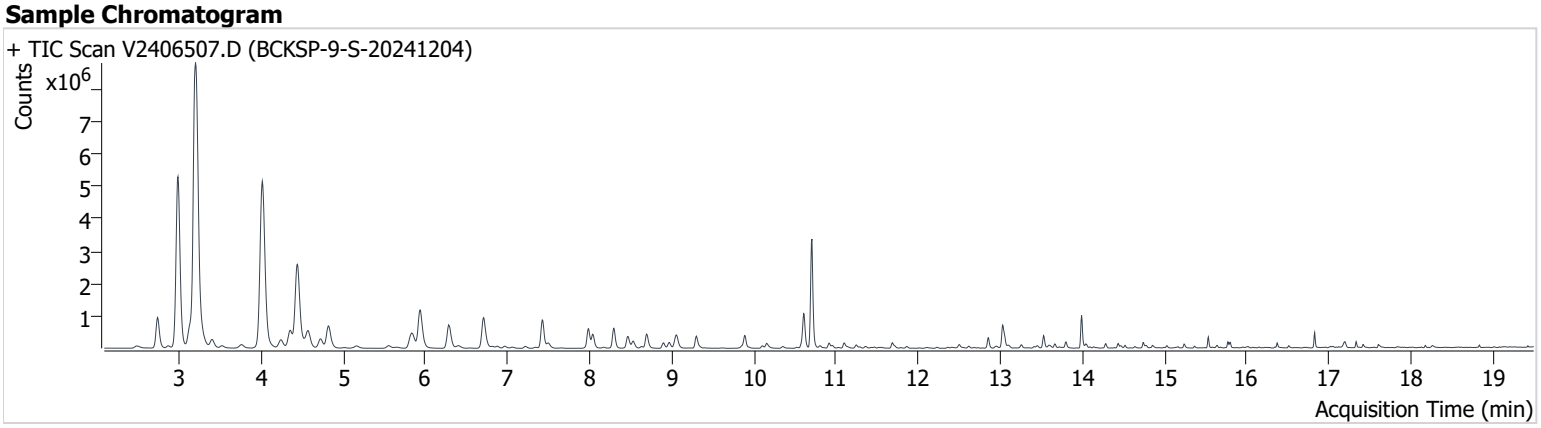
o-Xylene


+ EIC (91.1) Scan V2406506.D
Counts
x10^5
13.525 min.
1.2
1
0.8
0.6
0.4
0.2
0
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.483-13.626 min, 25 scans) V2406506.D
Counts
x10^3
Lib Match Score=81.4
91.1
106.1
41.1
55.1
69.1
77.0
83.1
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

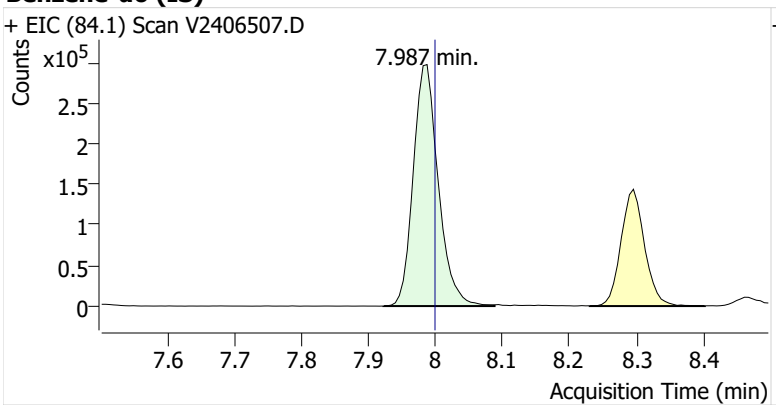
Name	BCKSP-9-S-20241204
Comment	C40528
Data File	V2406507.D
Acq. Date-Time	12/24/2024 12:43:51 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

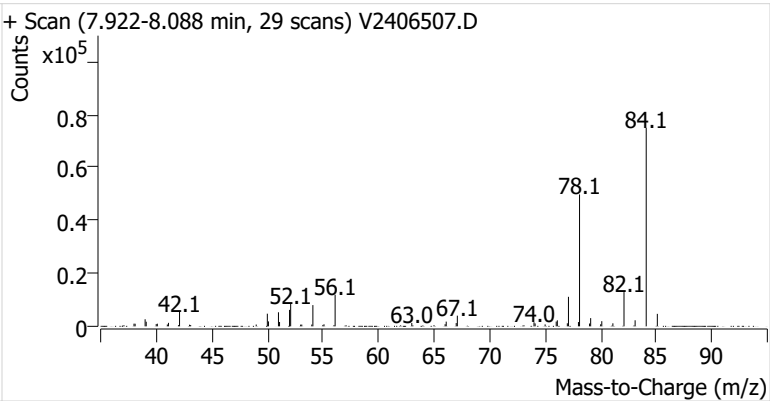
Sample Chromatogram



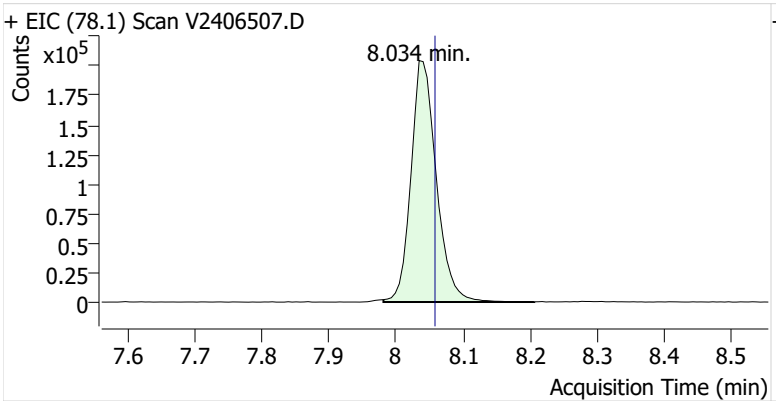
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.987	7.999	773,358	
Benzene	Benzene-d6 (IS)	8.034	8.058	539,994	
Toluene-d8 (IS)		10.604	10.628	858,295	
Toluene	Toluene-d8 (IS)	10.705	10.723	2,858,068	
Ethylbenzene	Toluene-d8 (IS)	12.854	12.878	255,007	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.068	645,954	
o-Xylene	Toluene-d8 (IS)	13.525	13.548	237,973	

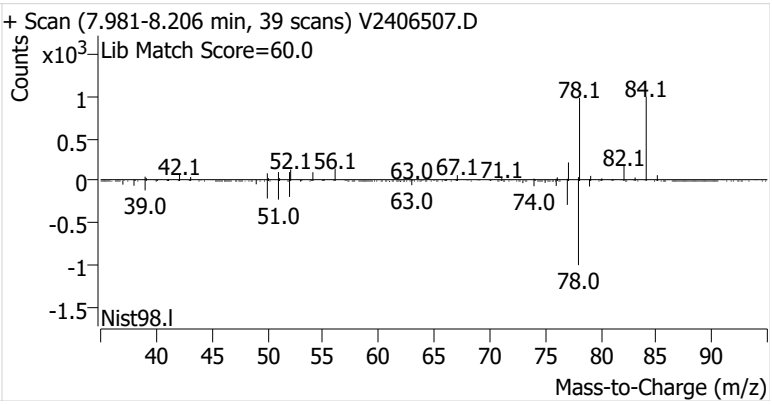
Benzene-d6 (IS)



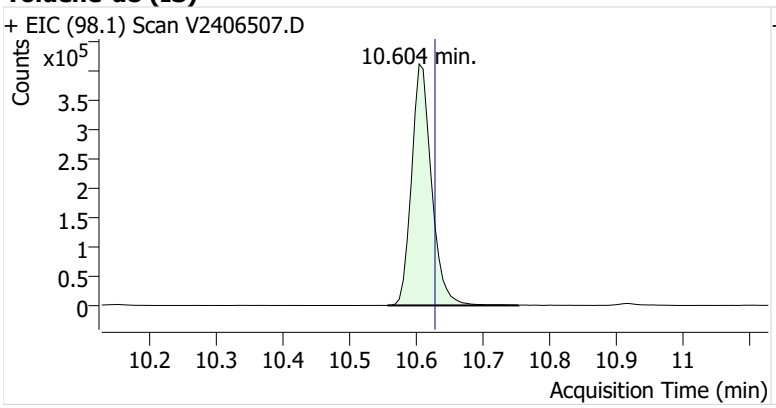


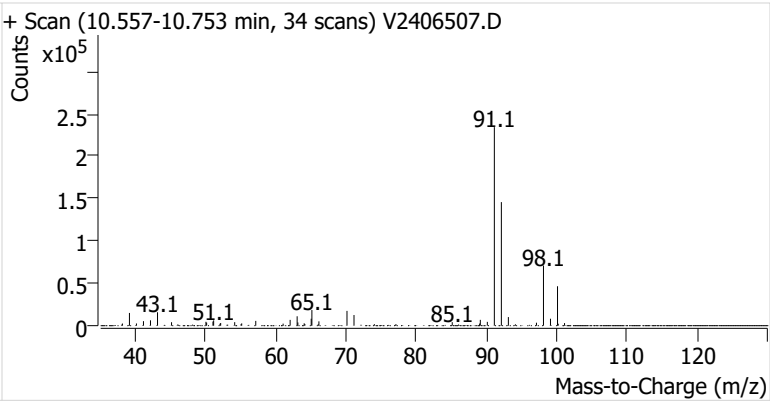
Benzene



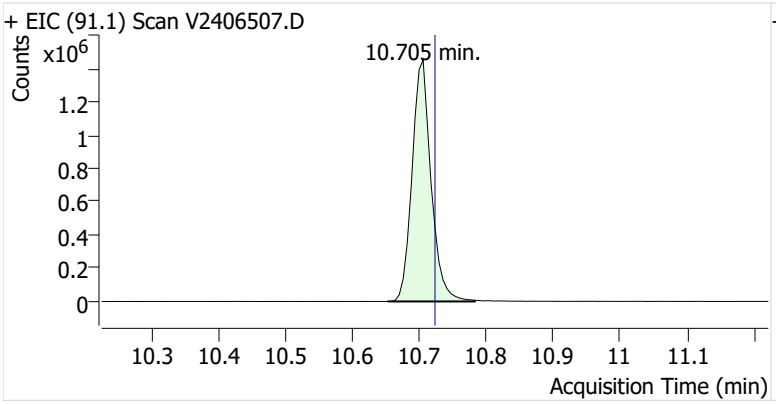


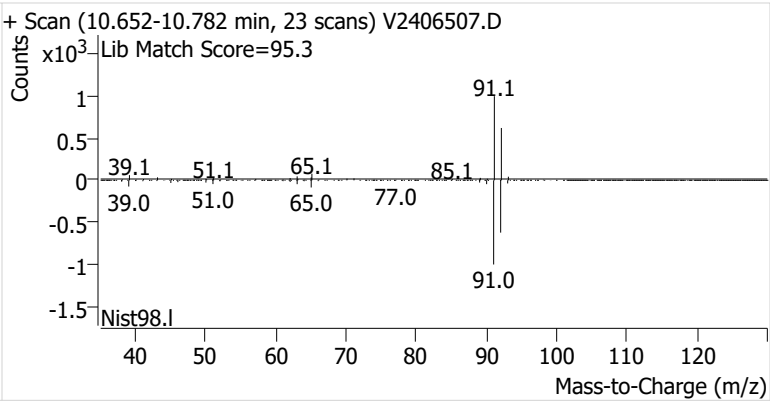
Toluene-d8 (IS)



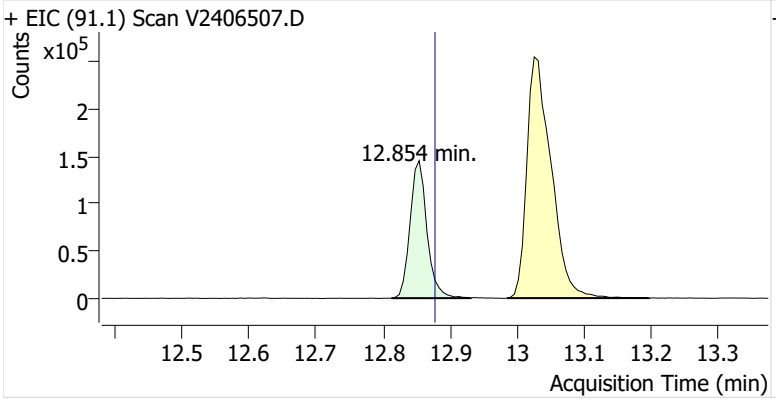


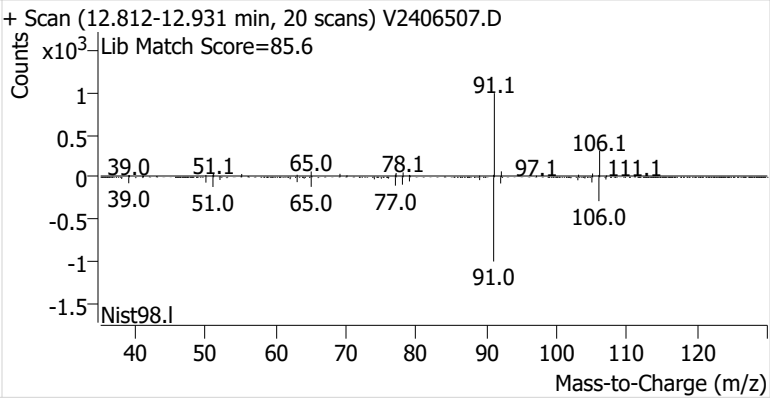
Toluene



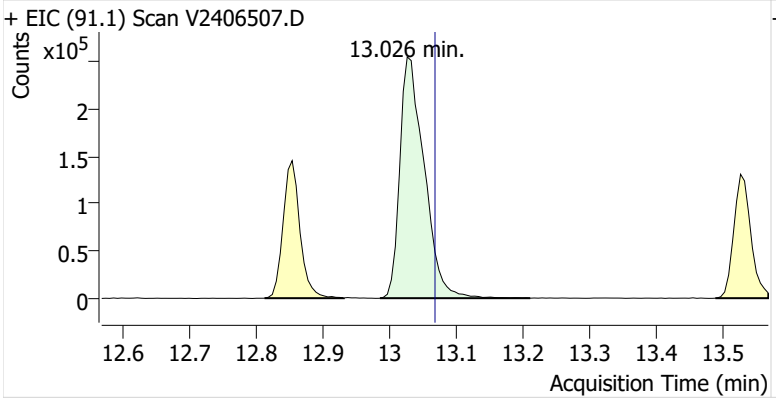


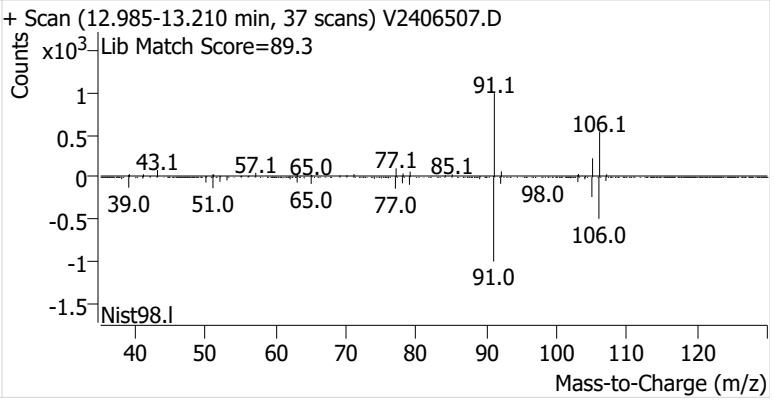
Ethylbenzene



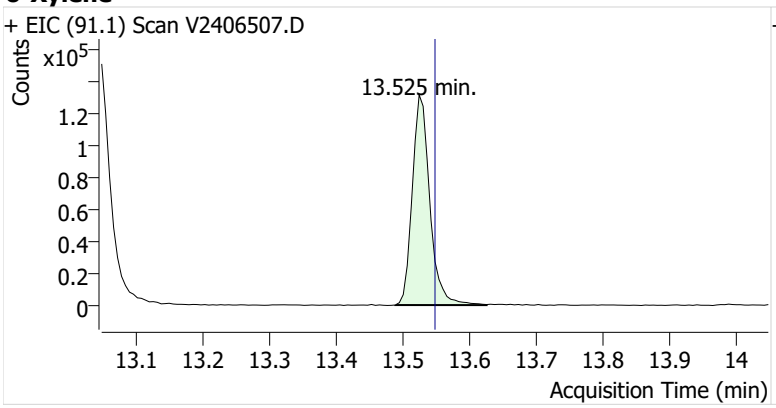


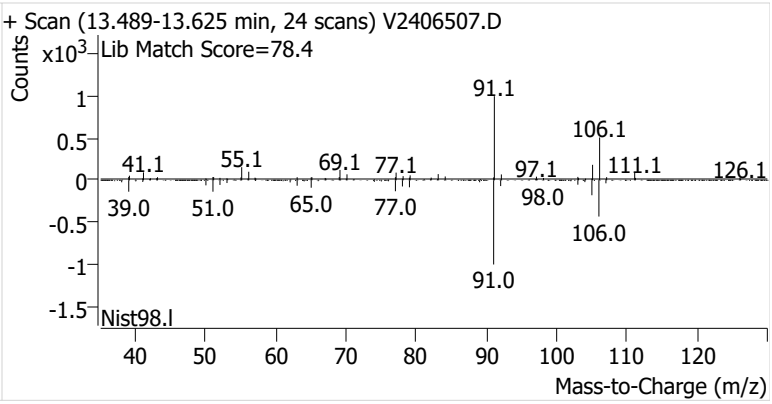
m-/p-Xylenes





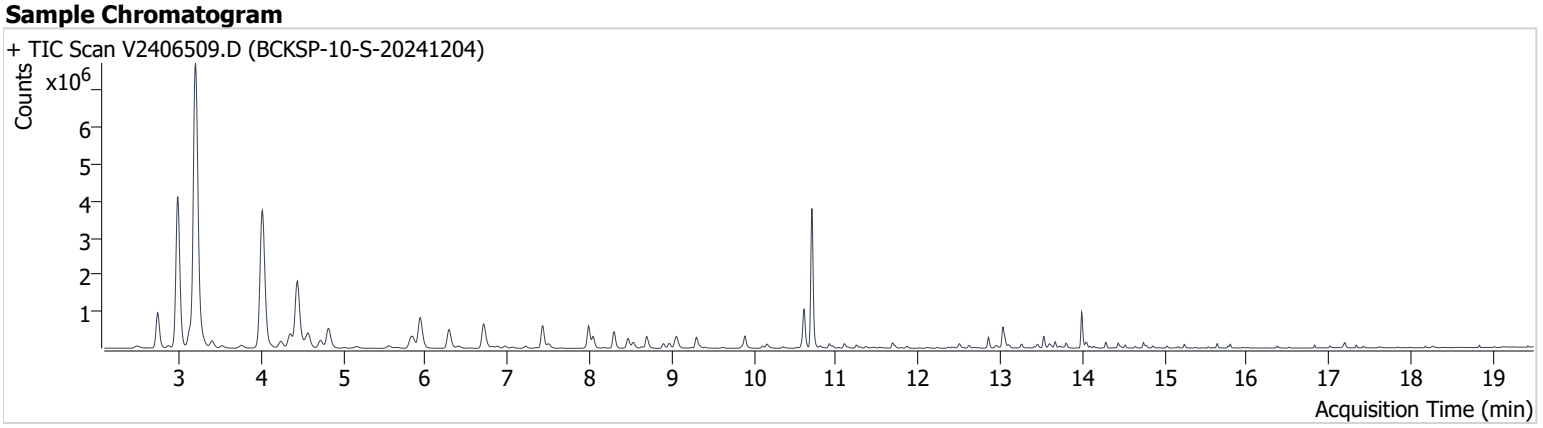
o-Xylene


+ EIC (91.1) Scan V2406507.D
Counts
x10^5
13.525 min.
Acquisition Time (min)


+ Scan (13.489-13.625 min, 24 scans) V2406507.D
Counts
x10^3
Lib Match Score=78.4
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

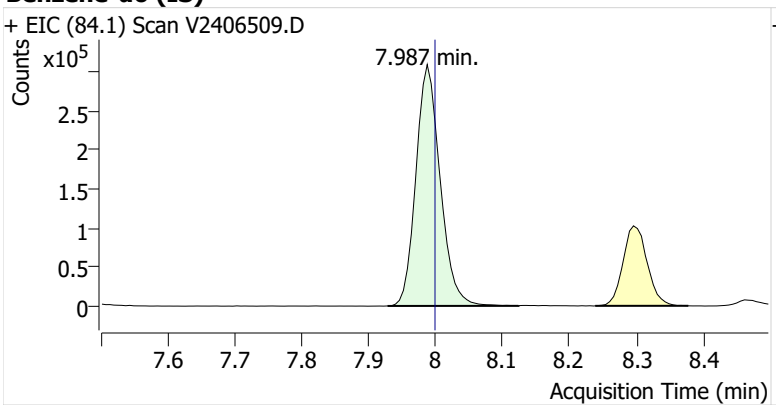
Name	BCKSP-10-S-20241204
Comment	B19802
Data File	V2406509.D
Acq. Date-Time	12/24/2024 2:06:09 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

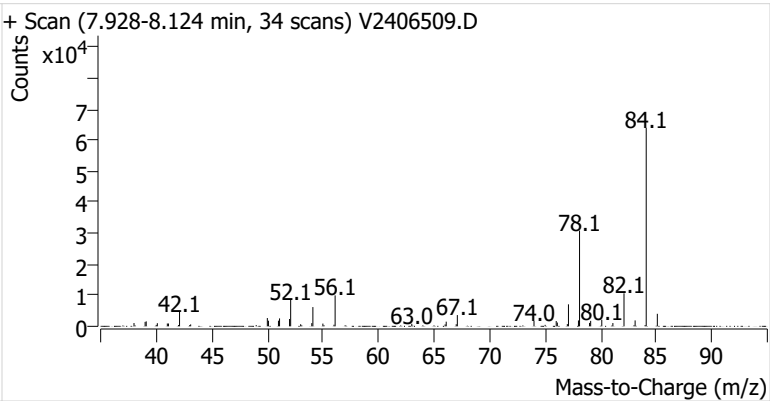
Sample Chromatogram



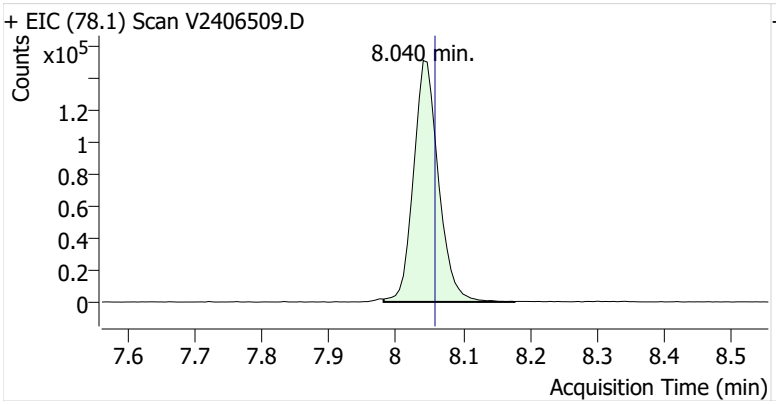
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.987	7.999	776,729	
Benzene	Benzene-d6 (IS)	8.040	8.058	394,471	
Toluene-d8 (IS)		10.611	10.628	852,780	
Toluene	Toluene-d8 (IS)	10.705	10.723	3,296,246	
Ethylbenzene	Toluene-d8 (IS)	12.854	12.878	216,910	
m-/p-Xylenes	Toluene-d8 (IS)	13.032	13.068	509,635	
o-Xylene	Toluene-d8 (IS)	13.531	13.548	182,784	

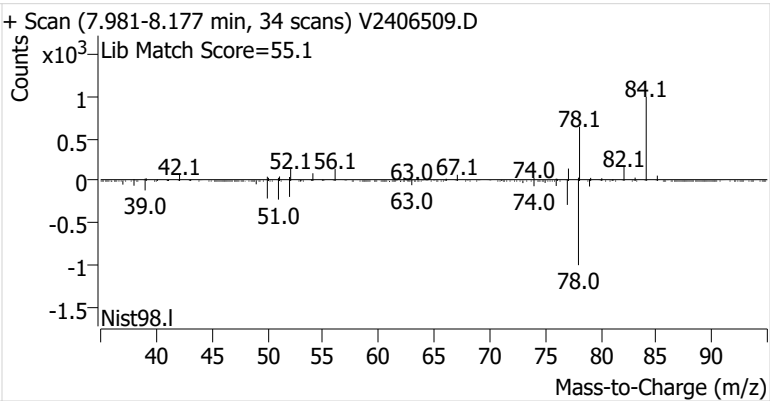
Benzene-d6 (IS)



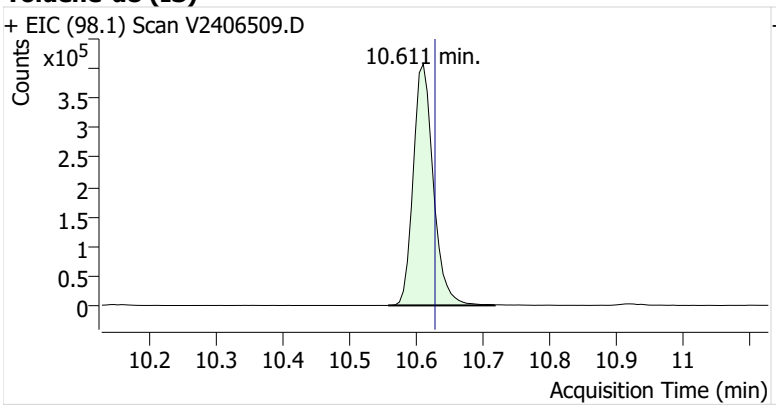


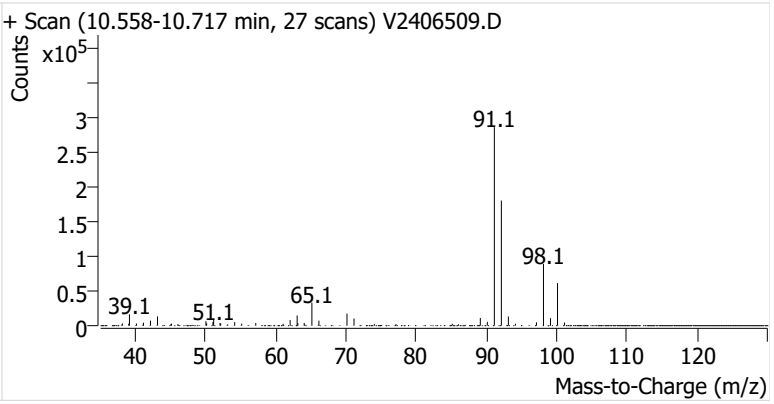
Benzene



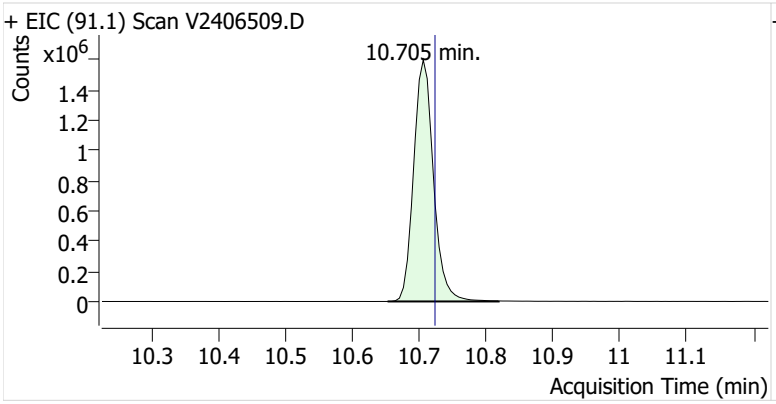


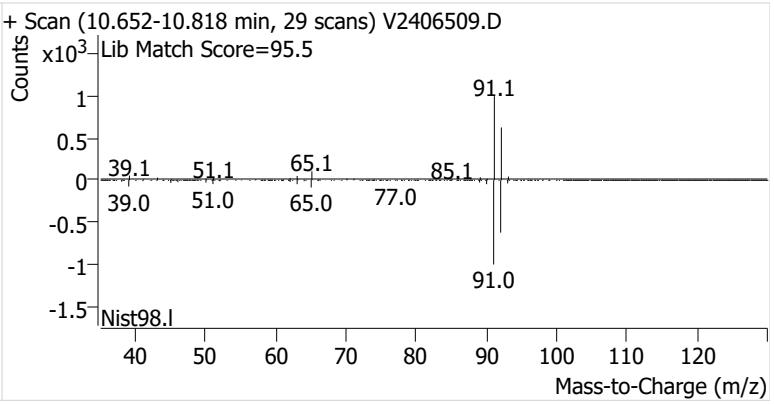
Toluene-d8 (IS)



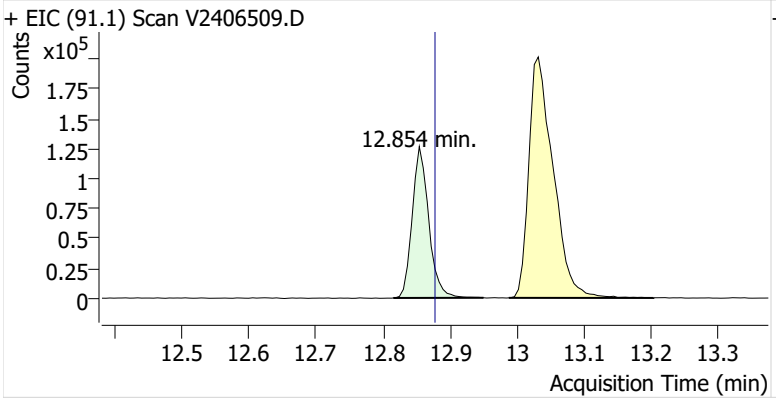


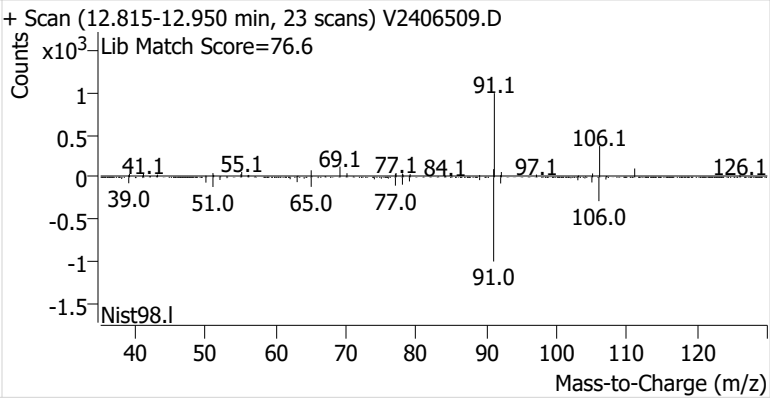
Toluene



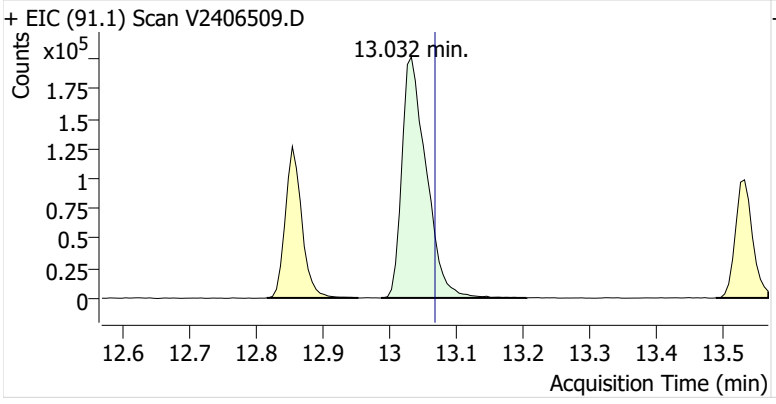


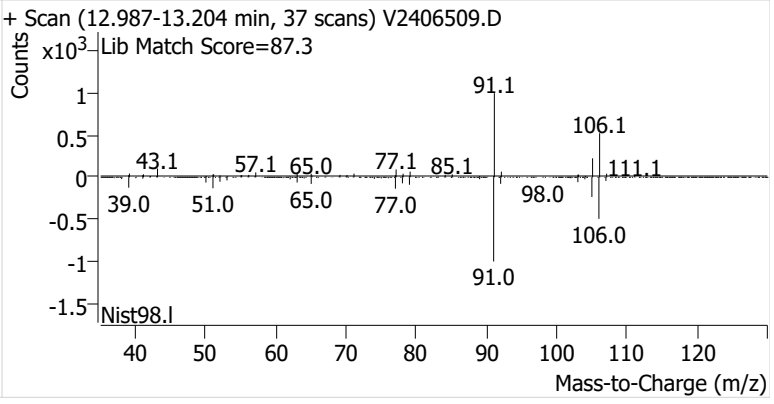
Ethylbenzene



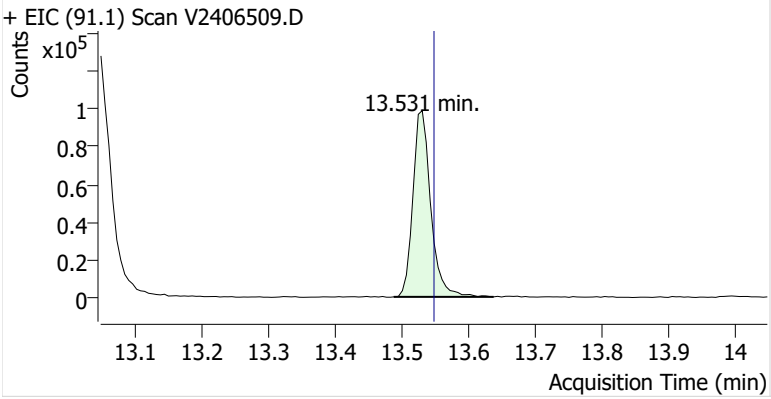


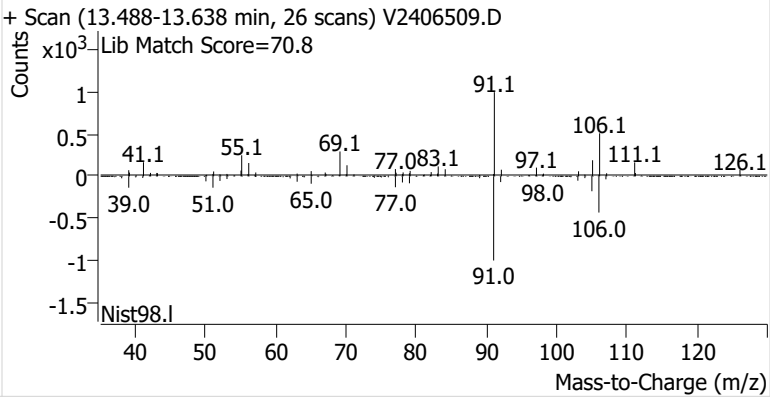
m-/p-Xylenes





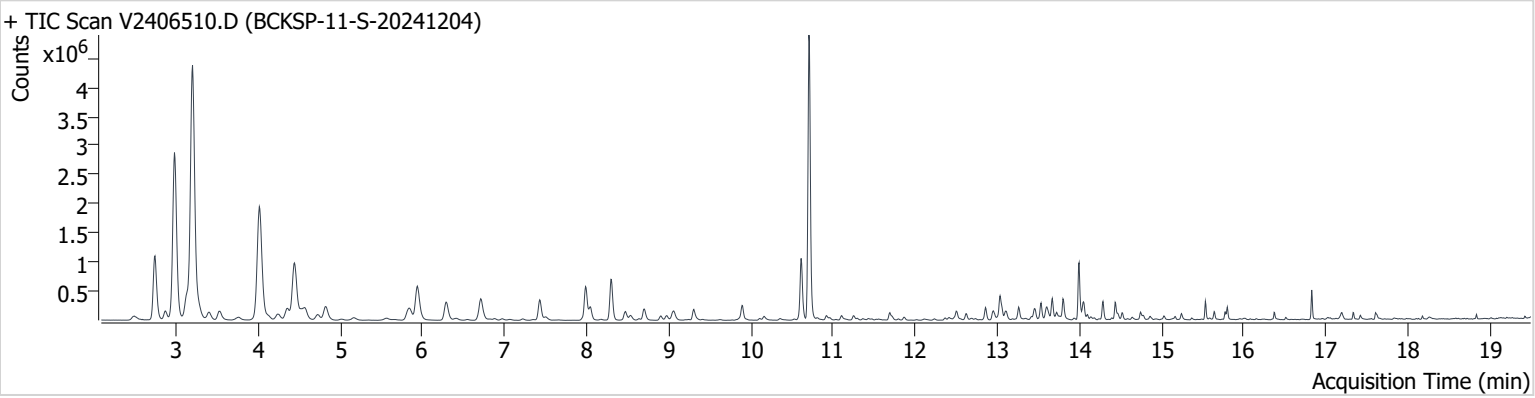
o-Xylene


+ EIC (91.1) Scan V2406509.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.531 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.488-13.638 min, 26 scans) V2406509.D
Counts
x10^3
Lib Match Score=70.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.0
83.1
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

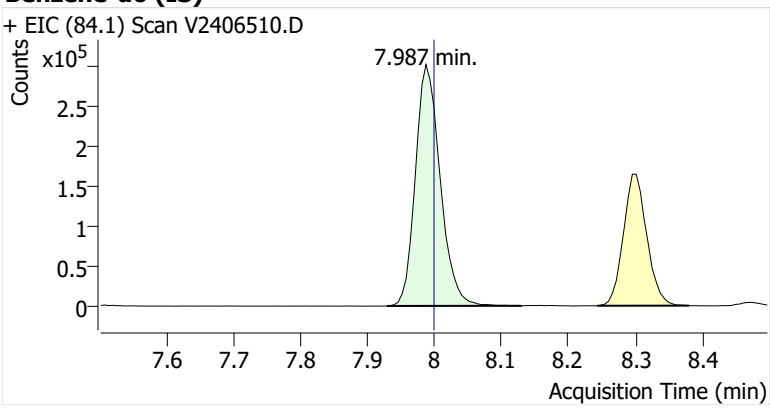
Name	BCKSP-11-S-20241204
Comment	C40190
Data File	V2406510.D
Acq. Date-Time	12/24/2024 2:47:19 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

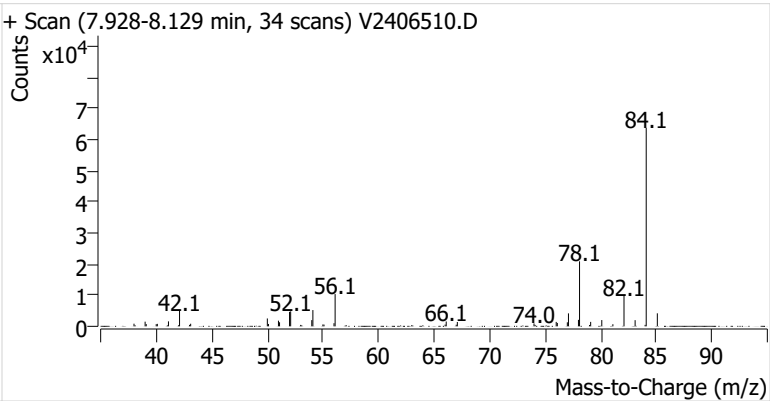
Sample Chromatogram



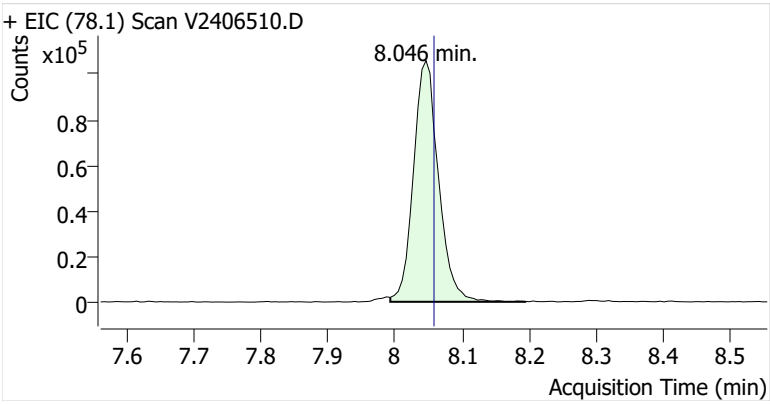
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.987	7.999	773,644	
Benzene	Benzene-d6 (IS)	8.046	8.058	274,915	
Toluene-d8 (IS)		10.610	10.628	844,420	
Toluene	Toluene-d8 (IS)	10.705	10.723	4,389,128	
Ethylbenzene	Toluene-d8 (IS)	12.854	12.878	144,823	
m-/p-Xylenes	Toluene-d8 (IS)	13.032	13.068	337,909	
o-Xylene	Toluene-d8 (IS)	13.530	13.548	121,686	

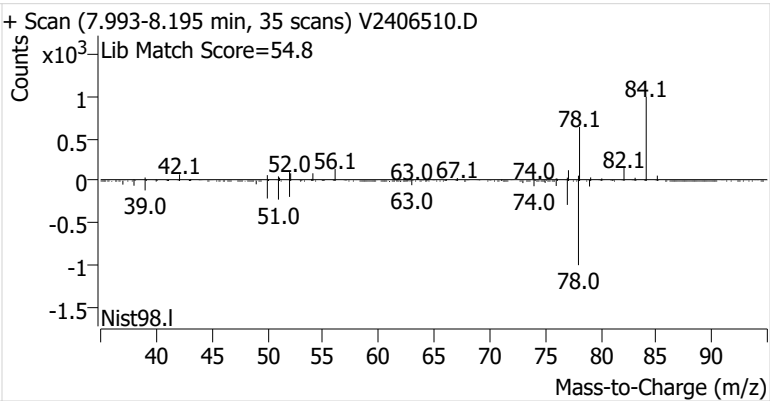
Benzene-d6 (IS)



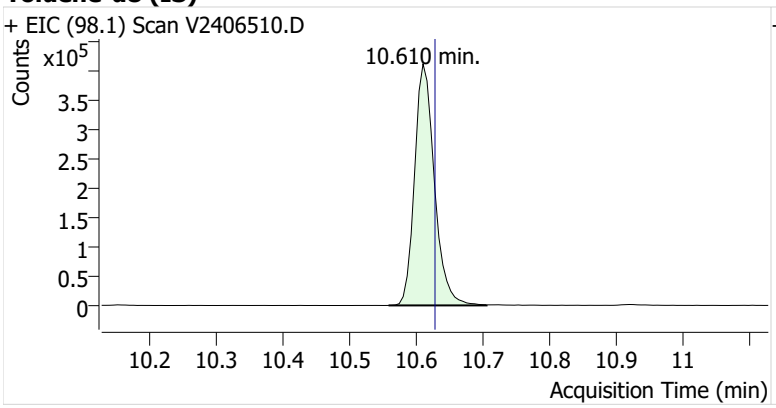


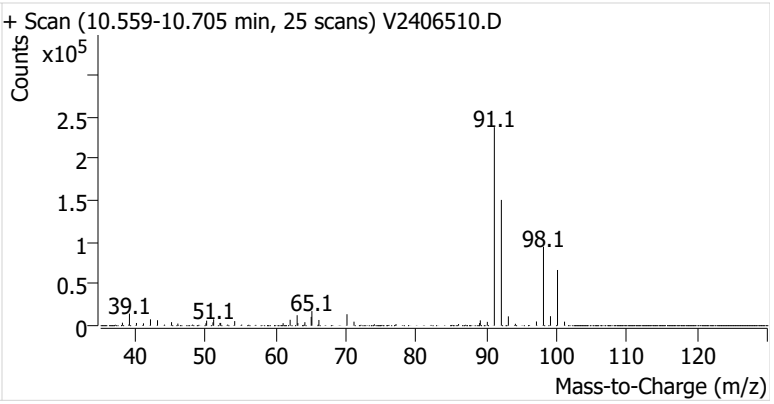
Benzene



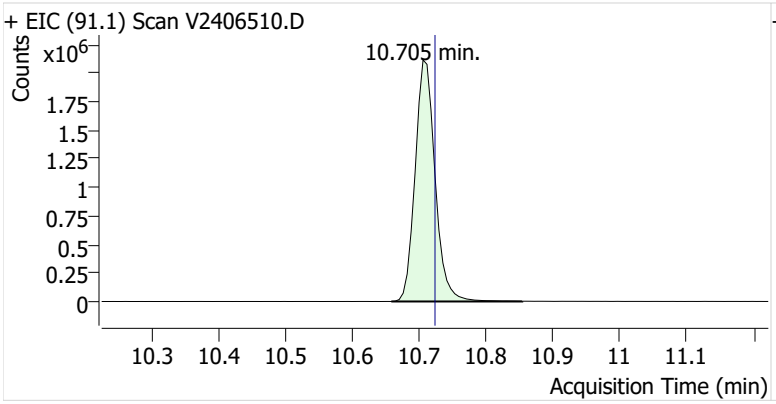


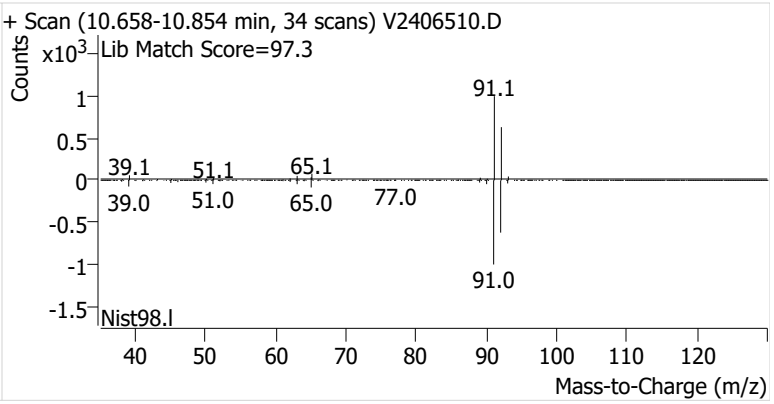
Toluene-d8 (IS)



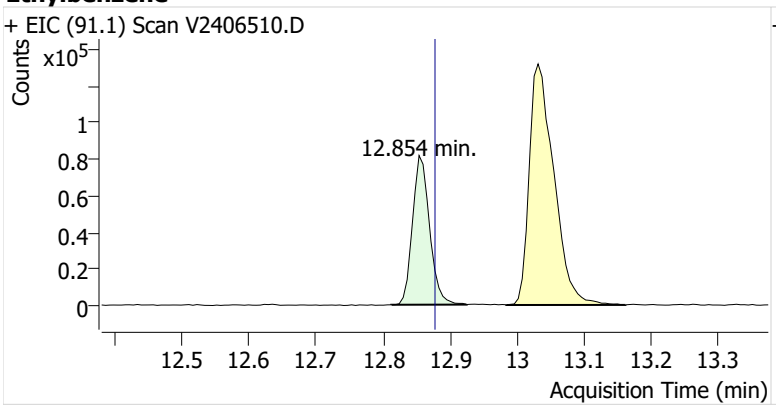


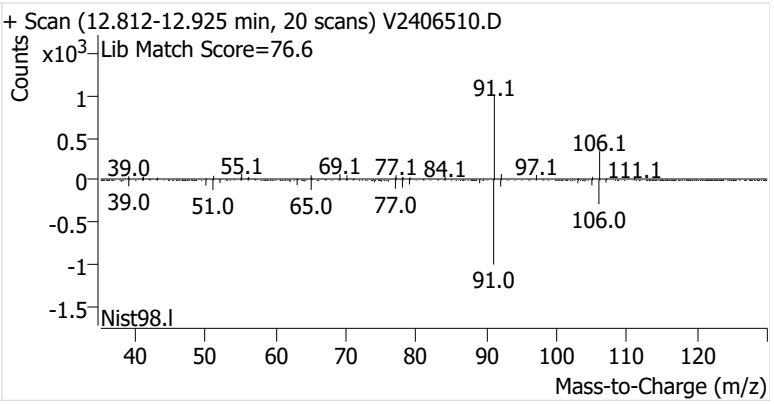
Toluene



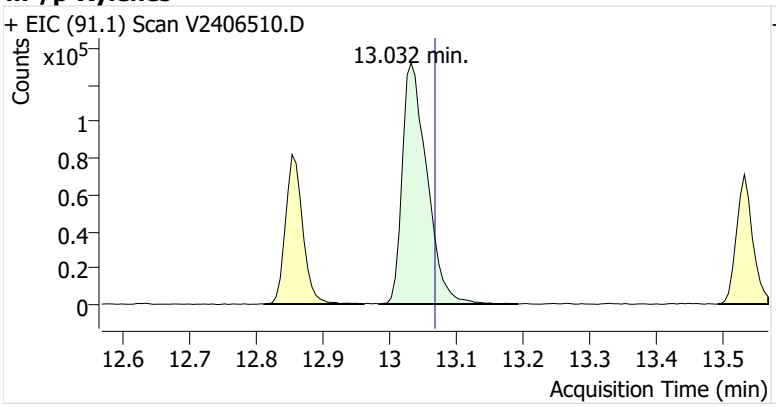


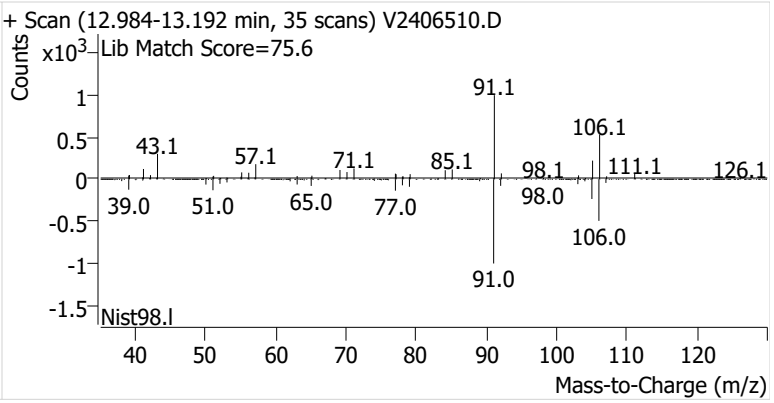
Ethylbenzene



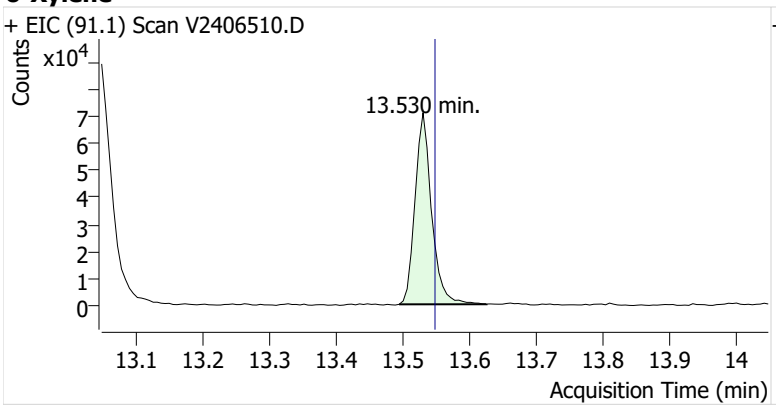


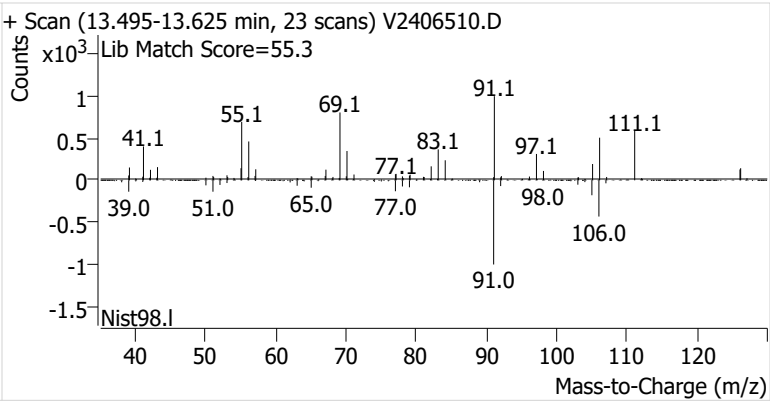
m-/p-Xylenes





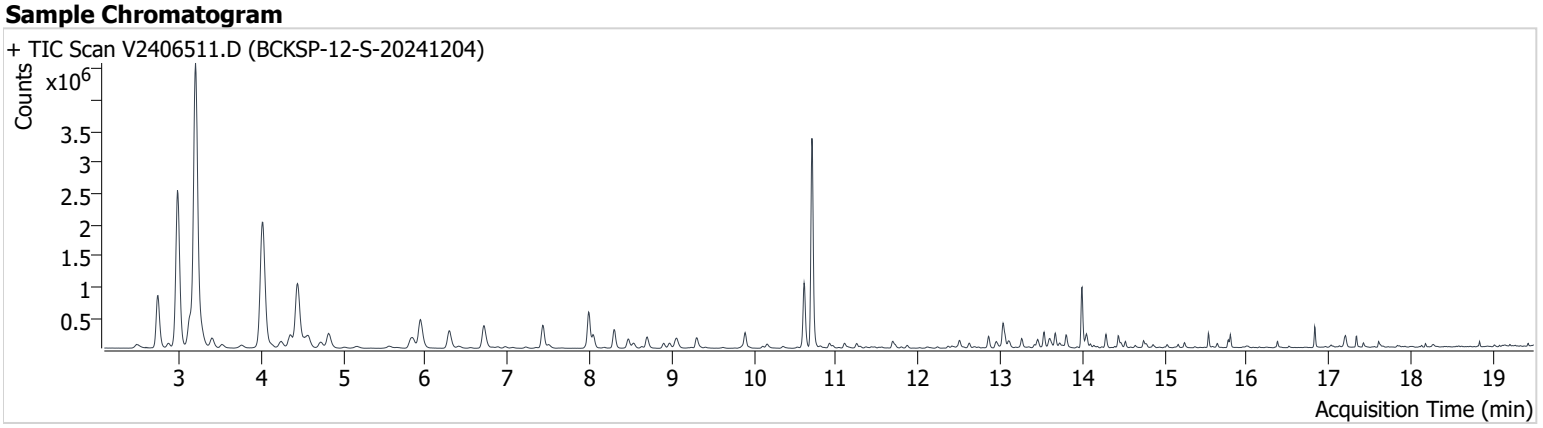
o-Xylene


+ EIC (91.1) Scan V2406510.D
Counts
x10^4
13.530 min.
Acquisition Time (min)


+ Scan (13.495-13.625 min, 23 scans) V2406510.D
Counts
x10^3
Lib Match Score=55.3
91.1
55.1
69.1
41.1
83.1
111.1
97.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

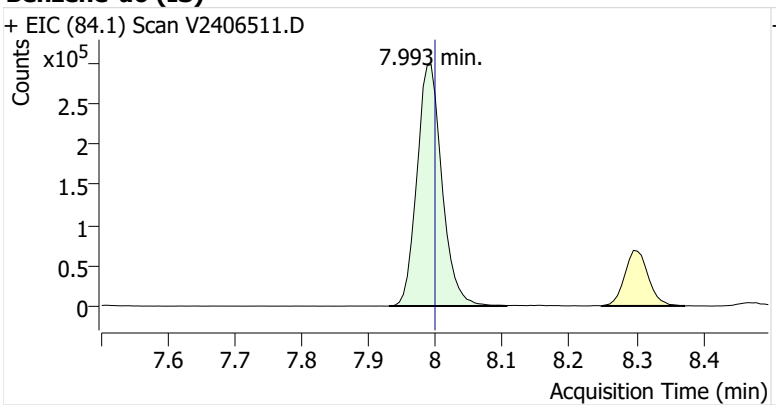
Name	BCKSP-12-S-20241204
Comment	C33484
Data File	V2406511.D
Acq. Date-Time	12/24/2024 3:28:28 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

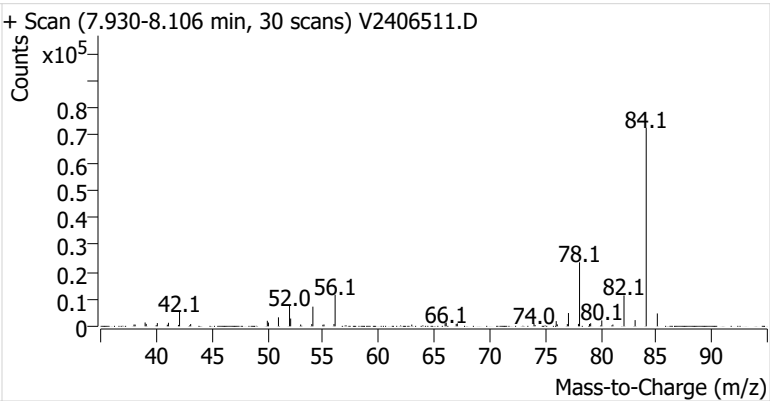
Sample Chromatogram



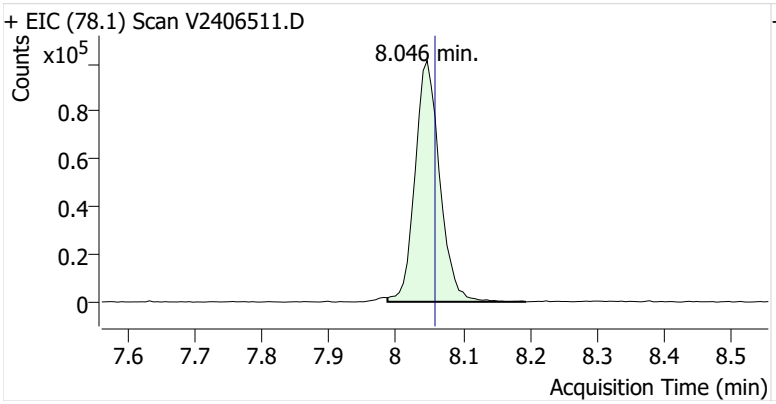
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.993	7.999	776,555	
Benzene	Benzene-d6 (IS)	8.046	8.058	259,573	
Toluene-d8 (IS)		10.610	10.628	852,758	
Toluene	Toluene-d8 (IS)	10.705	10.723	3,010,666	
Ethylbenzene	Toluene-d8 (IS)	12.854	12.878	136,835	
m-/p-Xylenes	Toluene-d8 (IS)	13.032	13.068	343,640	
o-Xylene	Toluene-d8 (IS)	13.531	13.548	124,623	

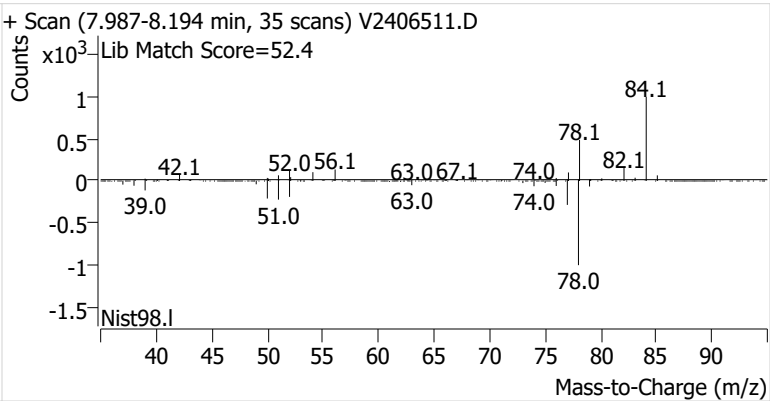
Benzene-d6 (IS)



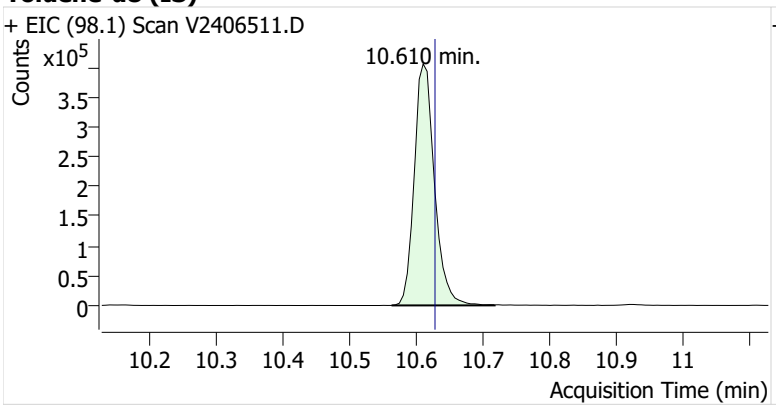


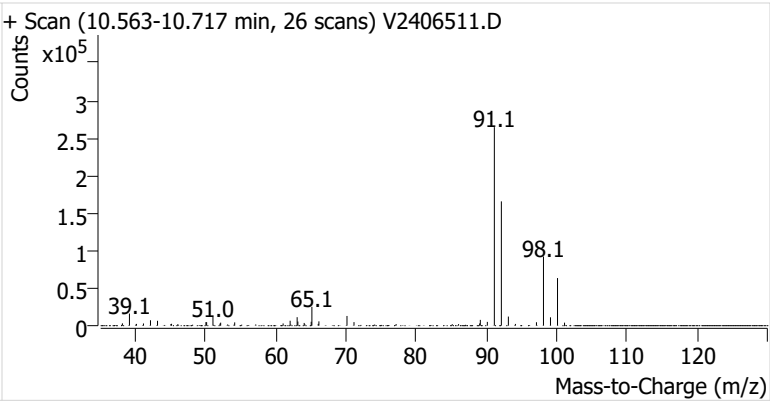
Benzene



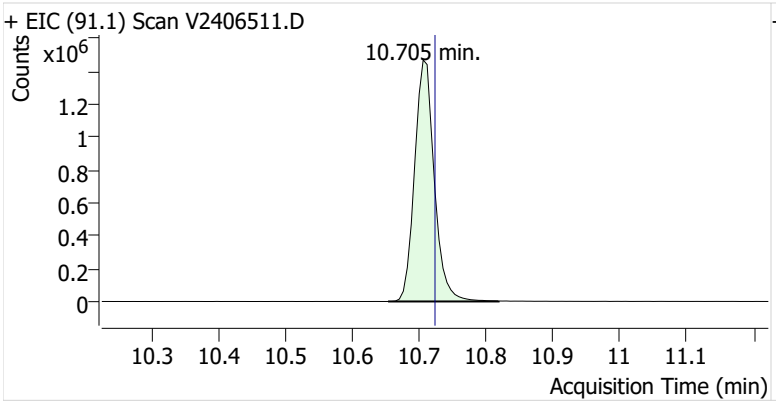


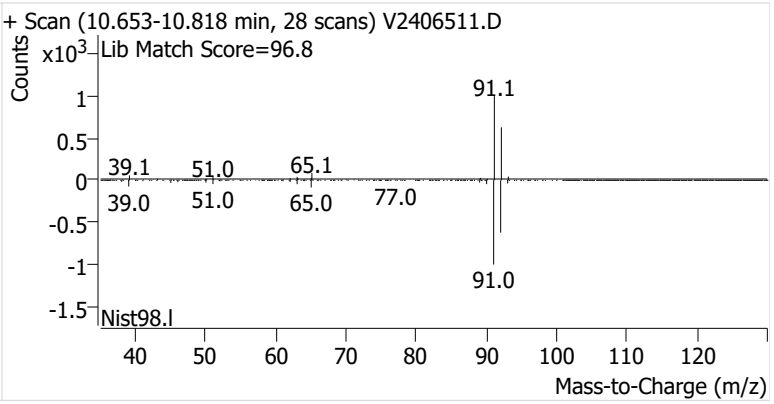
Toluene-d8 (IS)



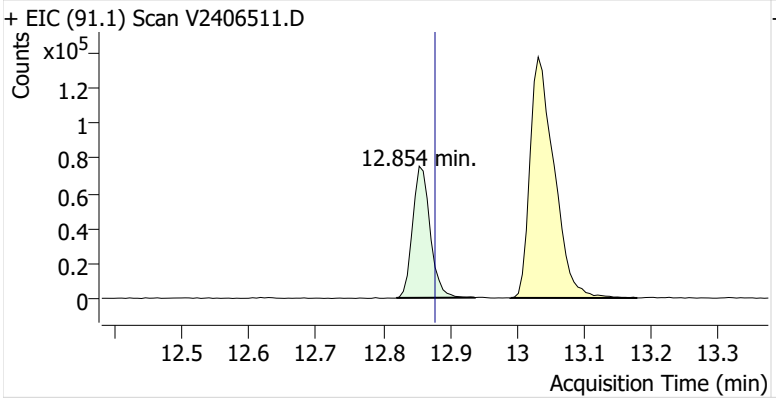


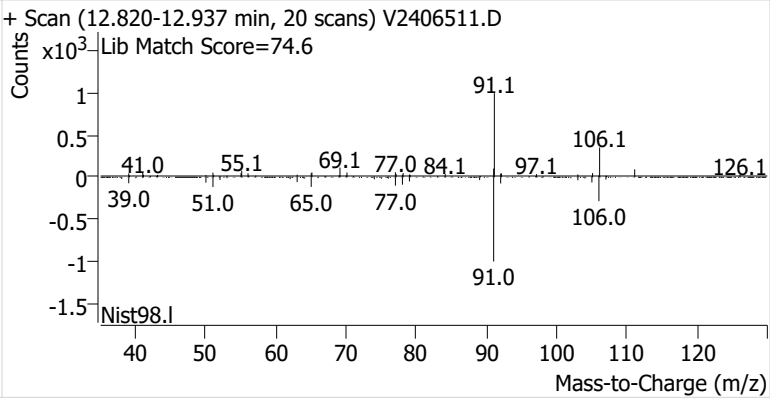
Toluene



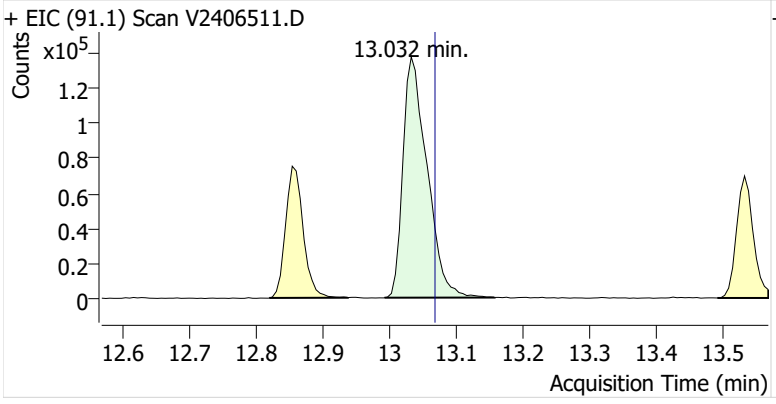


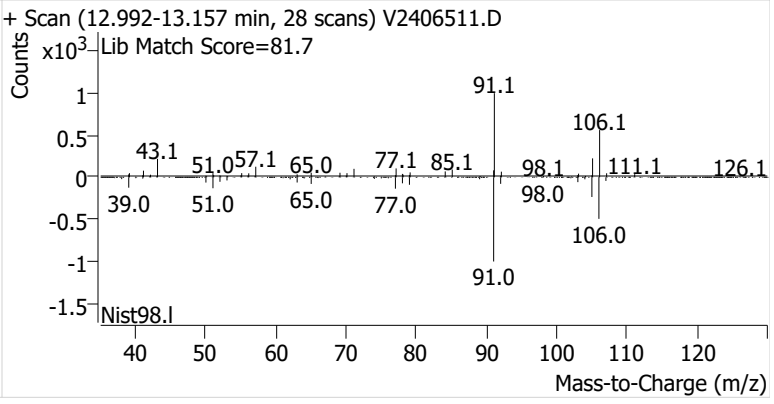
Ethylbenzene



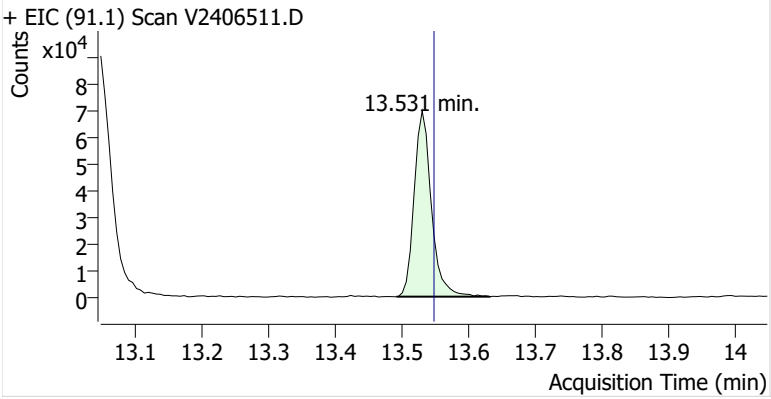


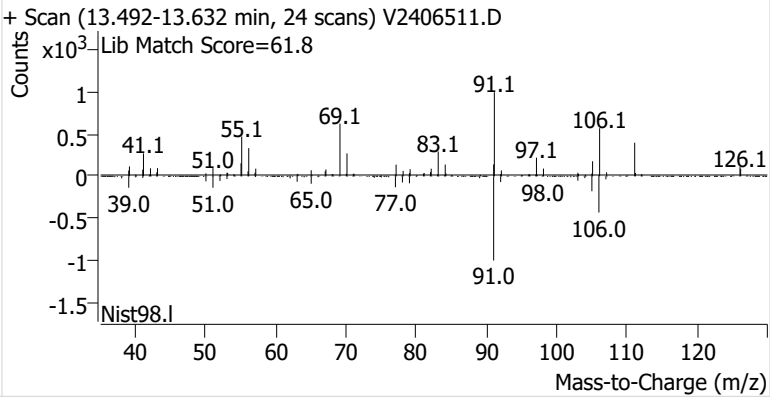
m-/p-Xylenes





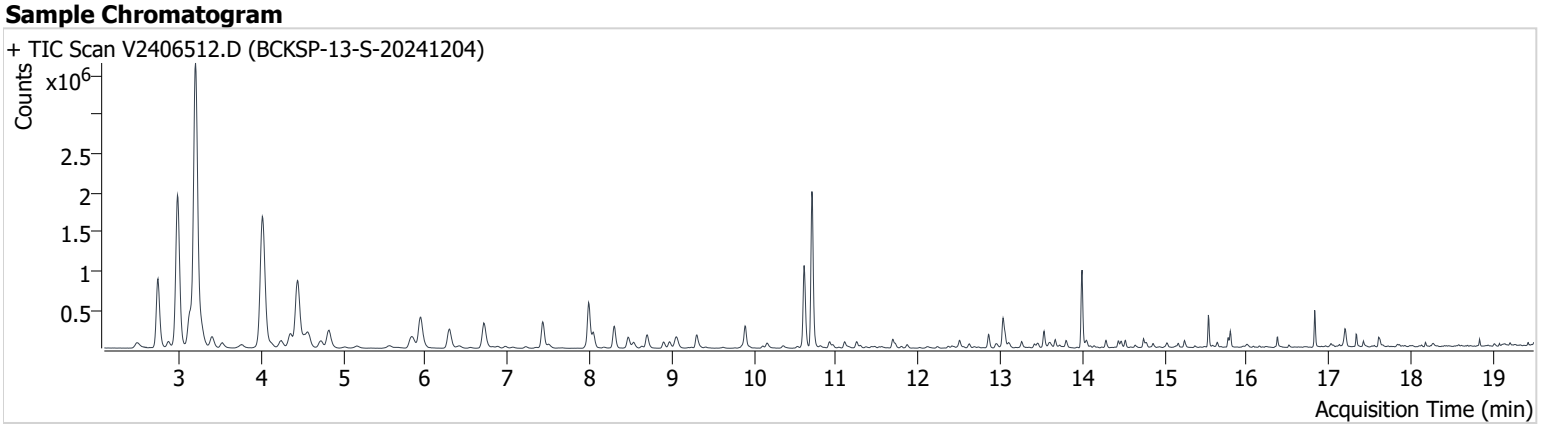
o-Xylene


+ EIC (91.1) Scan V2406511.D
Counts
x10^4
13.531 min.
Acquisition Time (min)


+ Scan (13.492-13.632 min, 24 scans) V2406511.D
Counts
x10^3
Lib Match Score=61.8
Nist98.l
Mass-to-Charge (m/z)

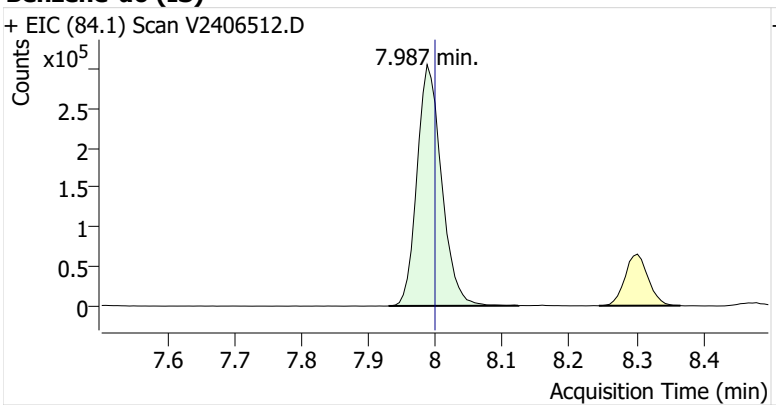
Name	BCKSP-13-S-20241204
Comment	C40654
Data File	V2406512.D
Acq. Date-Time	12/24/2024 4:09:37 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

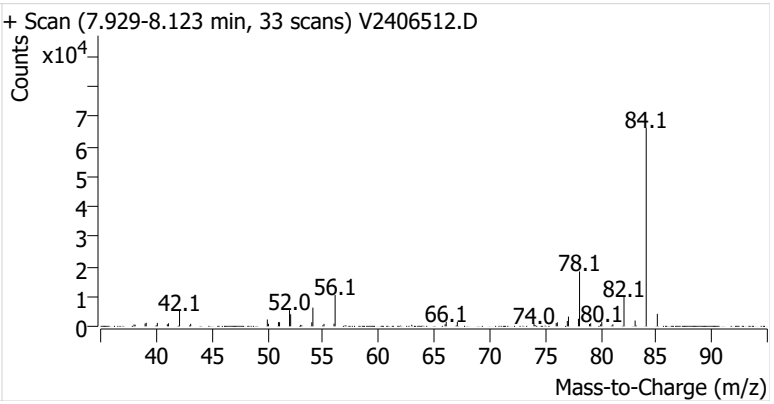
Sample Chromatogram



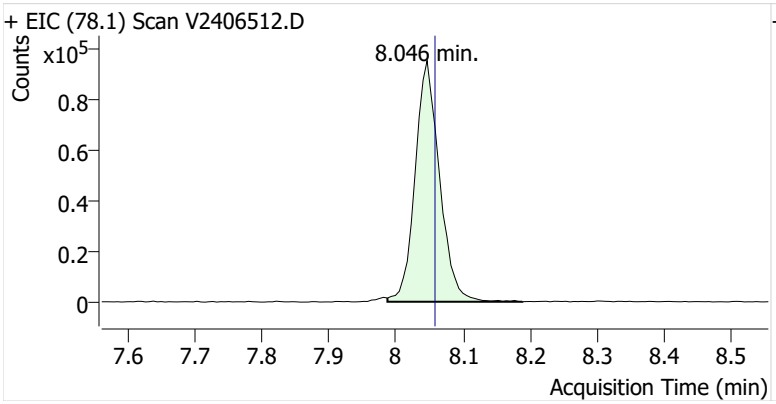
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.987	7.999	774,926	
Benzene	Benzene-d6 (IS)	8.046	8.058	242,535	
Toluene-d8 (IS)		10.610	10.628	852,217	
Toluene	Toluene-d8 (IS)	10.705	10.723	1,762,614	
Ethylbenzene	Toluene-d8 (IS)	12.860	12.878	128,409	
m-/p-Xylenes	Toluene-d8 (IS)	13.032	13.068	337,504	
o-Xylene	Toluene-d8 (IS)	13.531	13.548	121,952	

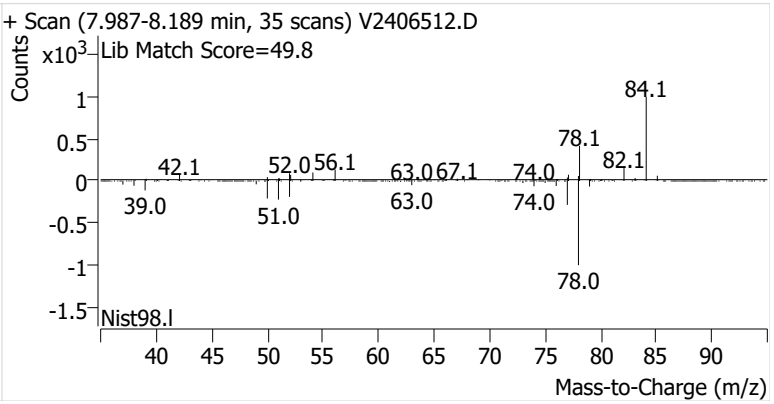
Benzene-d6 (IS)



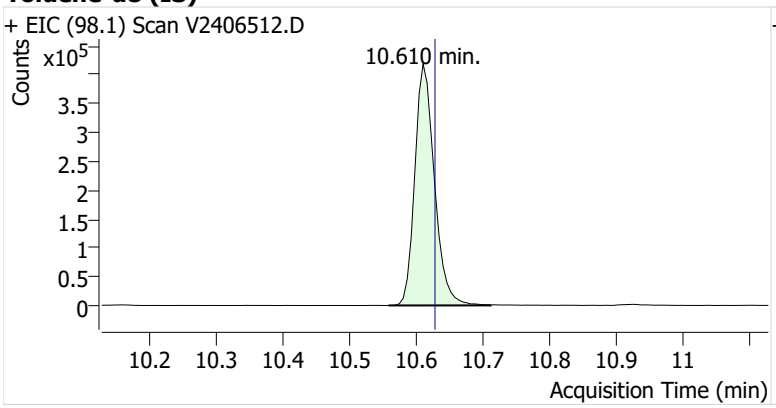


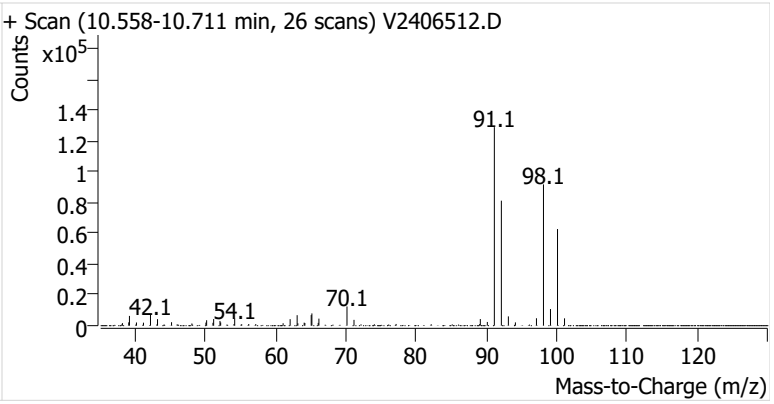
Benzene



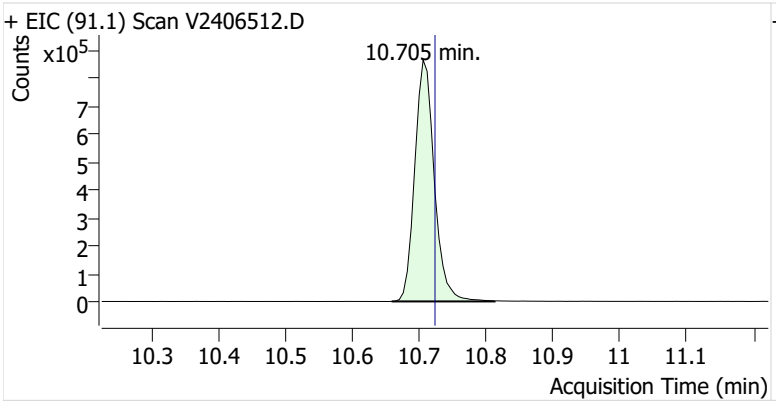


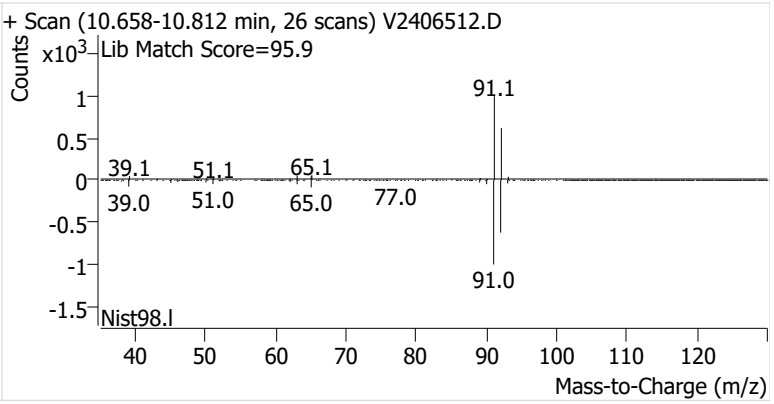
Toluene-d8 (IS)



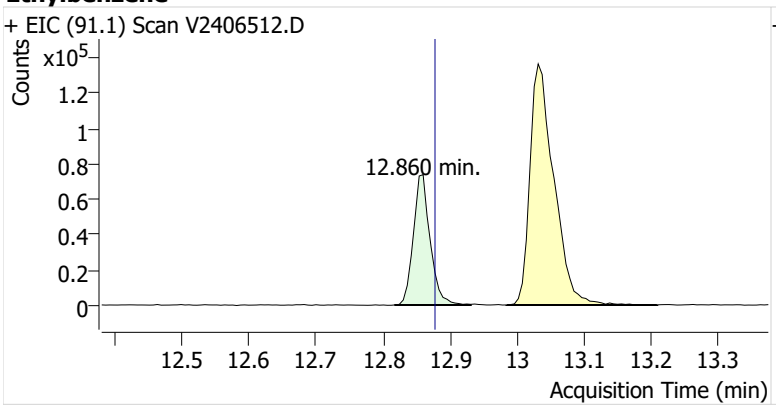


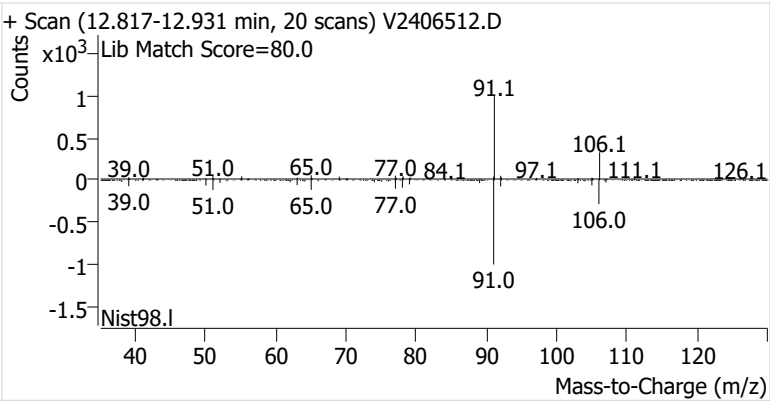
Toluene



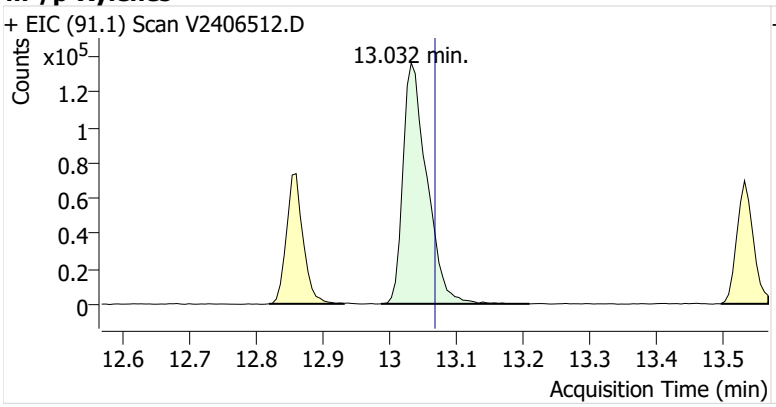


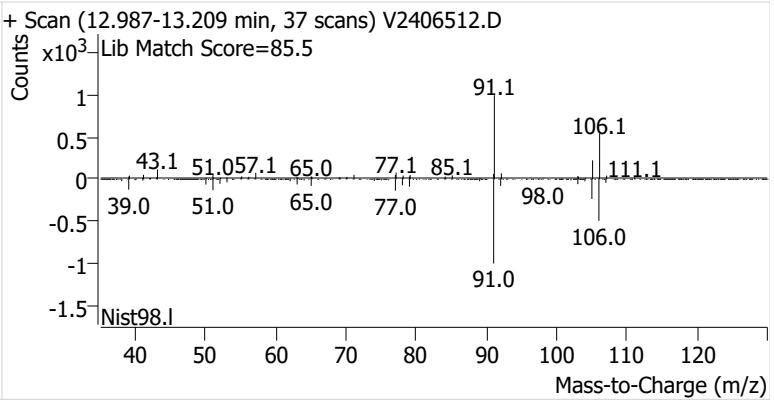
Ethylbenzene



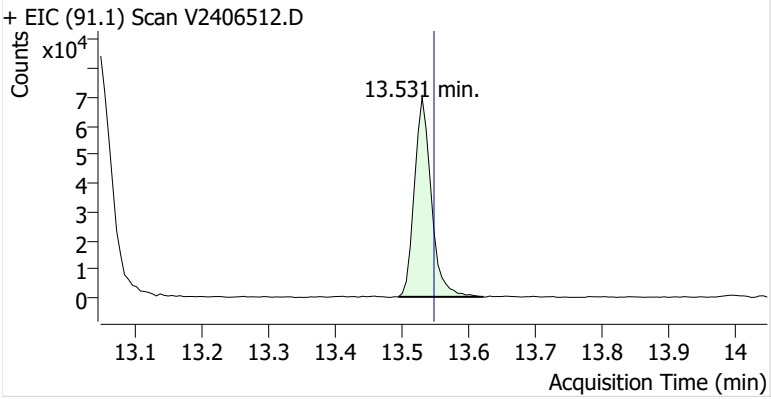


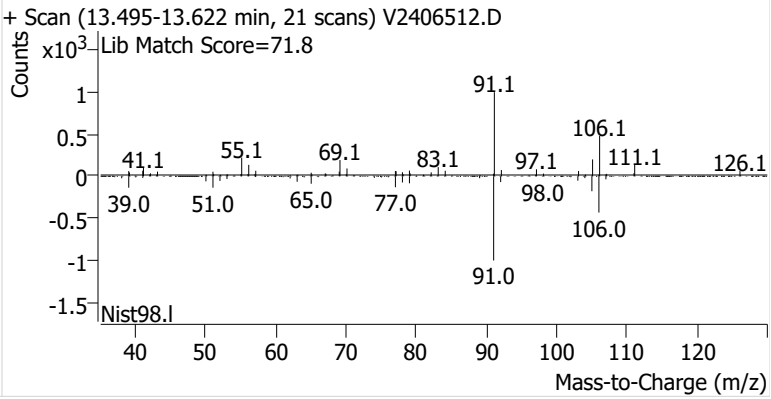
m-/p-Xylenes





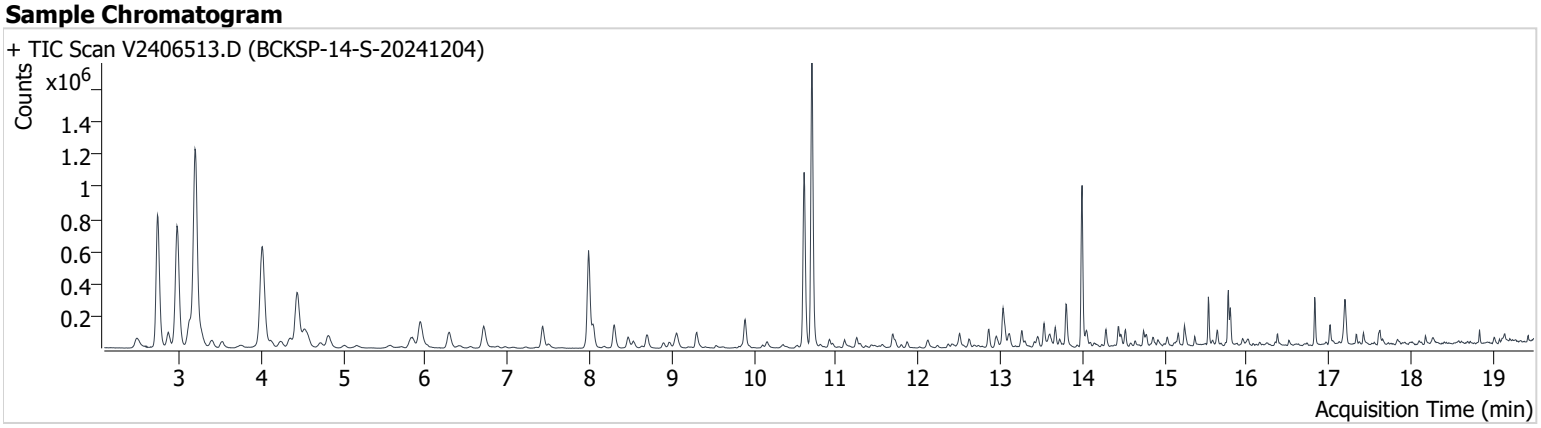
o-Xylene


+ EIC (91.1) Scan V2406512.D
Counts
x10^4
13.531 min.
Acquisition Time (min)


+ Scan (13.495-13.622 min, 21 scans) V2406512.D
Counts
x10^3
Lib Match Score=71.8
91.1
106.1
41.1
55.1
69.1
83.1
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

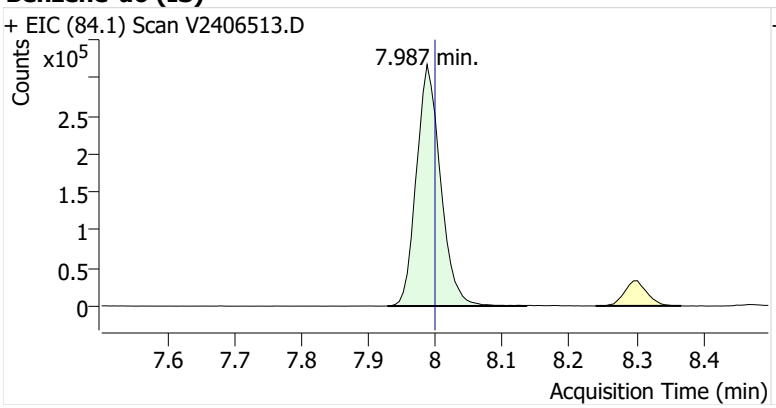
Name	BCKSP-14-S-20241204
Comment	C43661
Data File	V2406513.D
Acq. Date-Time	12/24/2024 4:50:46 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

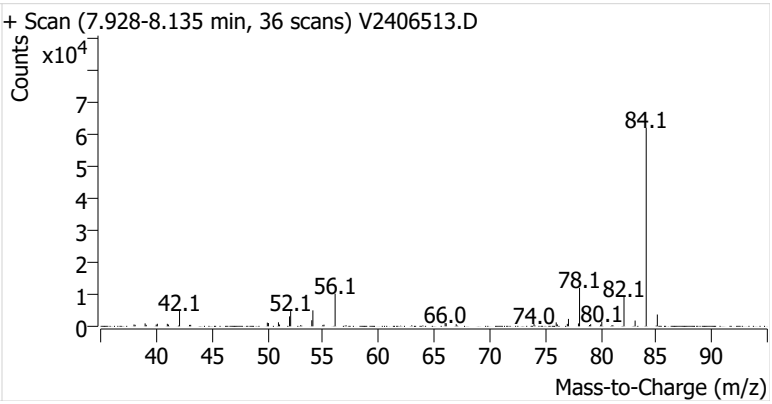
Sample Chromatogram



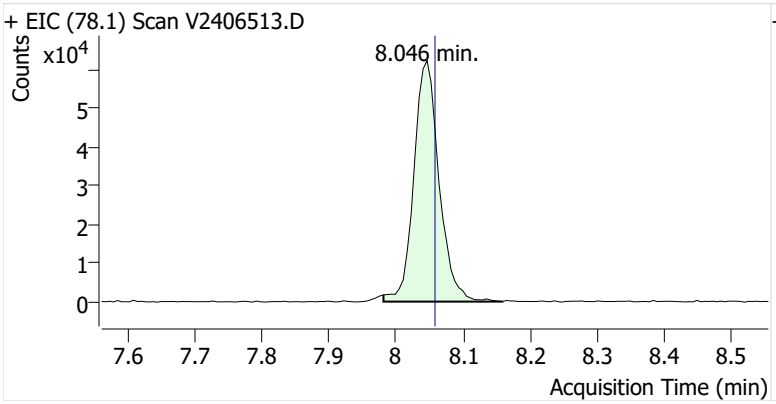
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.987	7.999	795,166	
Benzene	Benzene-d6 (IS)	8.046	8.058	163,006	
Toluene-d8 (IS)		10.610	10.628	865,060	
Toluene	Toluene-d8 (IS)	10.705	10.723	1,543,025	
Ethylbenzene	Toluene-d8 (IS)	12.860	12.878	81,219	
m-/p-Xylenes	Toluene-d8 (IS)	13.032	13.068	207,263	
o-Xylene	Toluene-d8 (IS)	13.531	13.548	75,905	

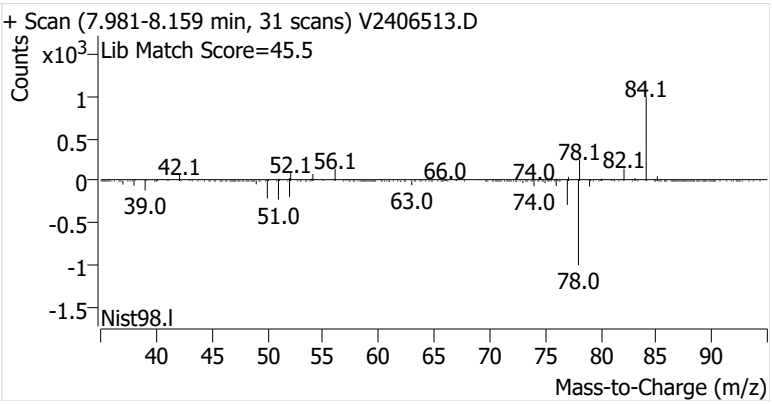
Benzene-d6 (IS)



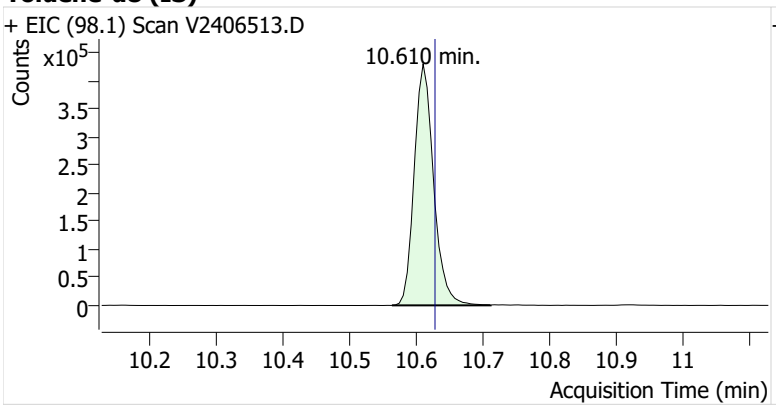


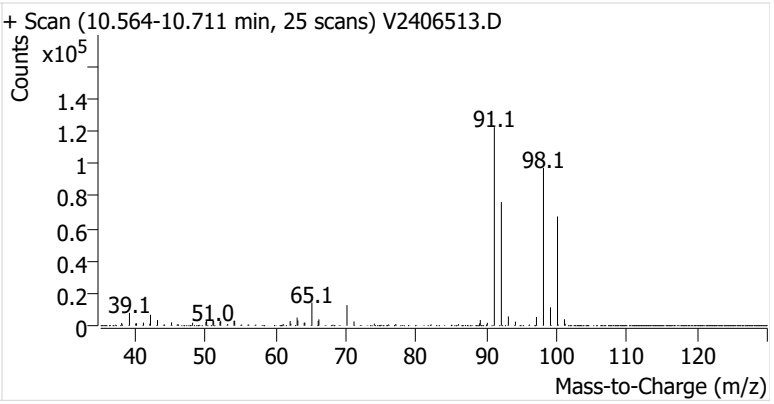
Benzene



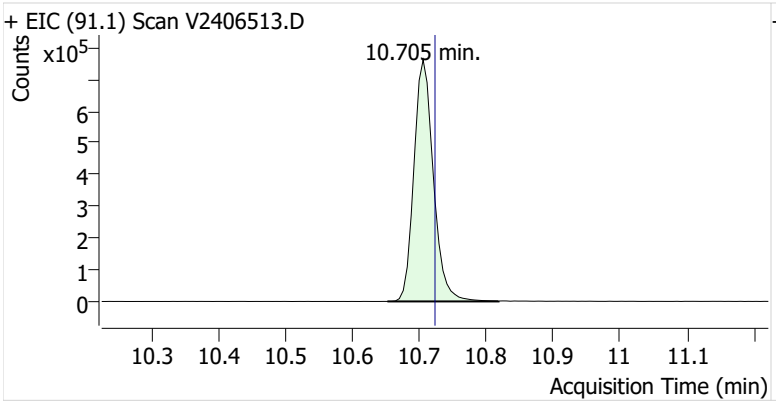


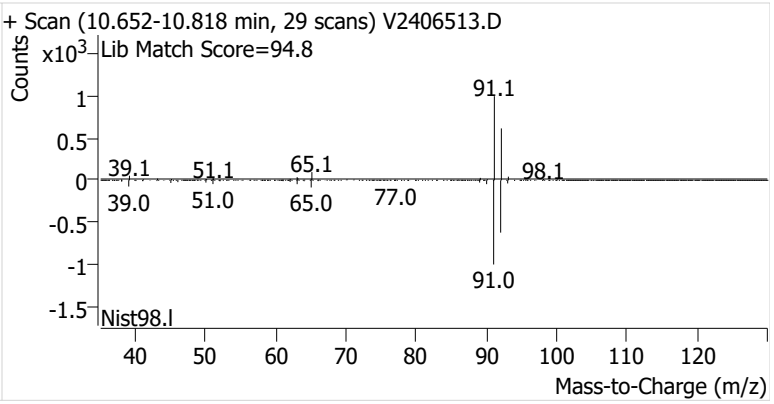
Toluene-d8 (IS)



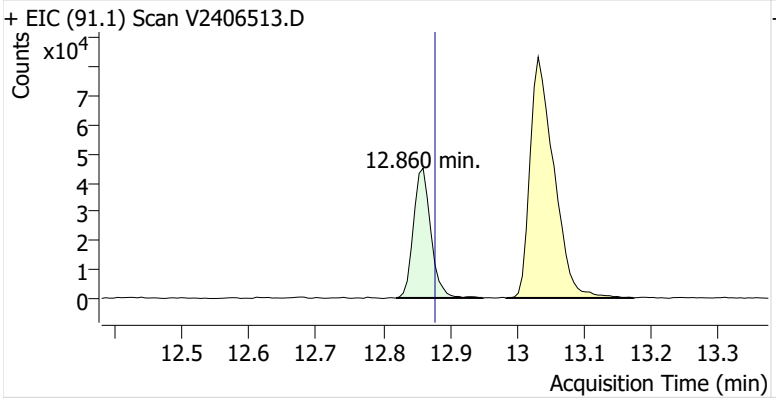


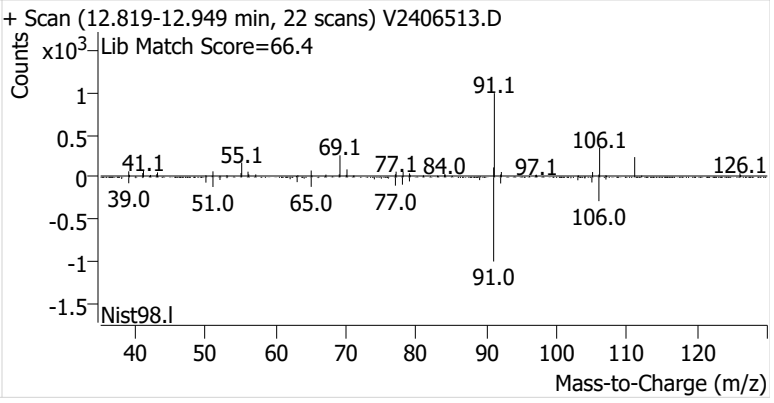
Toluene



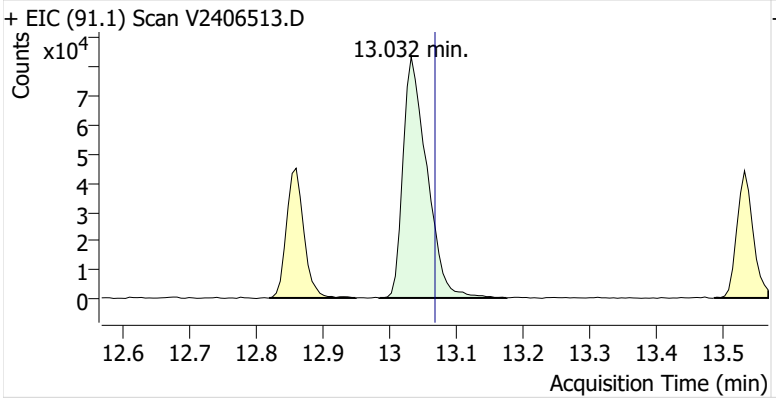


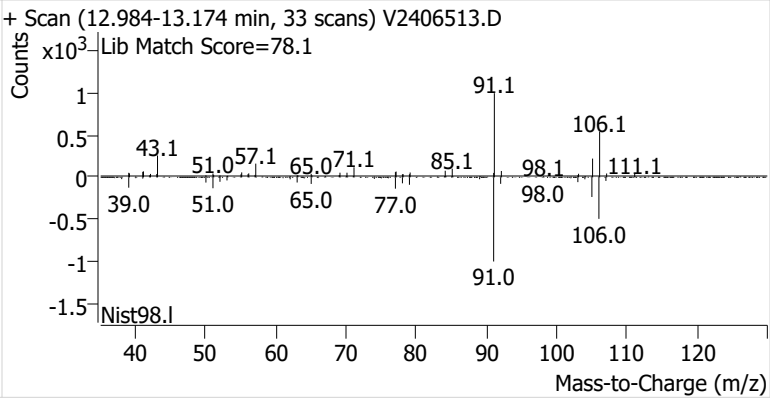
Ethylbenzene



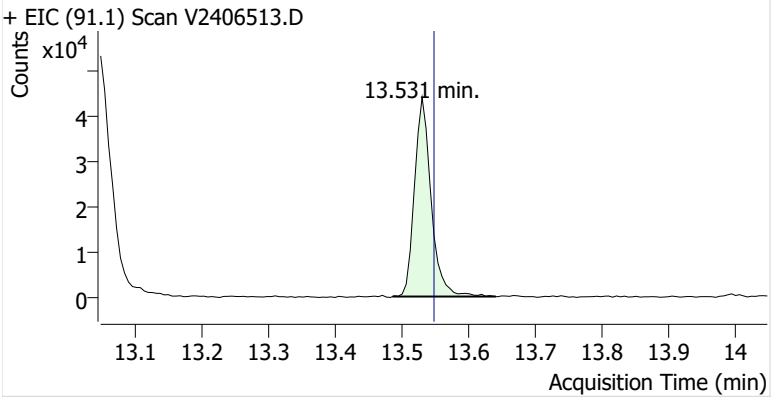


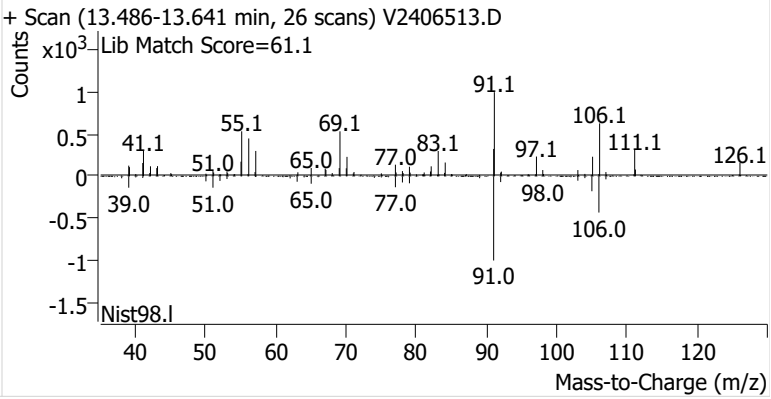
m-/p-Xylenes





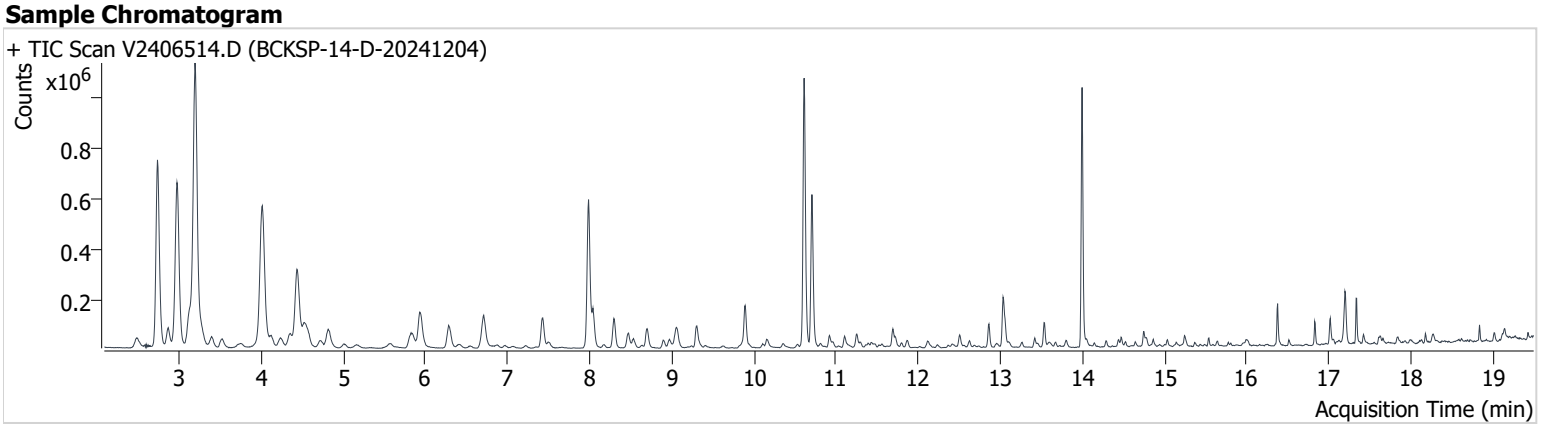
o-Xylene


+ EIC (91.1) Scan V2406513.D
Counts
x10^4
13.531 min.
Acquisition Time (min)


+ Scan (13.486-13.641 min, 26 scans) V2406513.D
Counts
x10^3
Lib Match Score=61.1
Nist98.l
Mass-to-Charge (m/z)

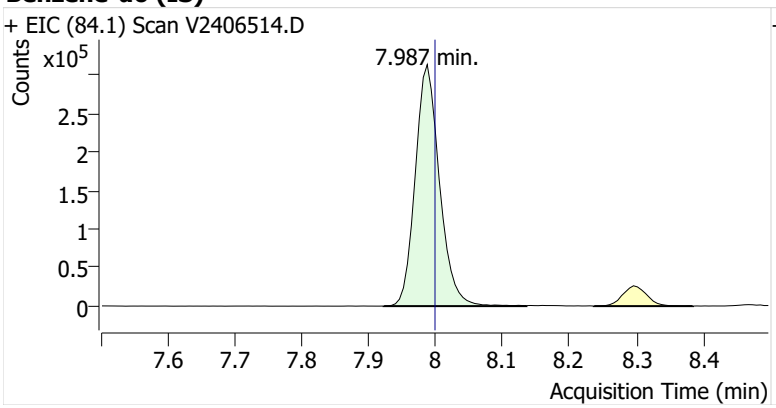
Name	BCKSP-14-D-20241204
Comment	B44221
Data File	V2406514.D
Acq. Date-Time	12/24/2024 5:31:56 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

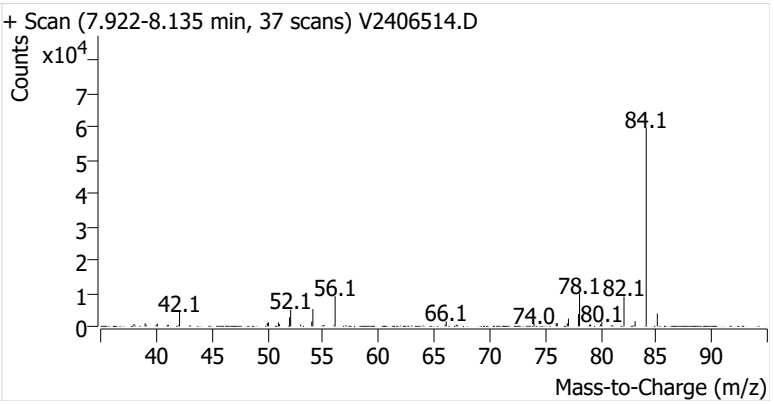
Sample Chromatogram



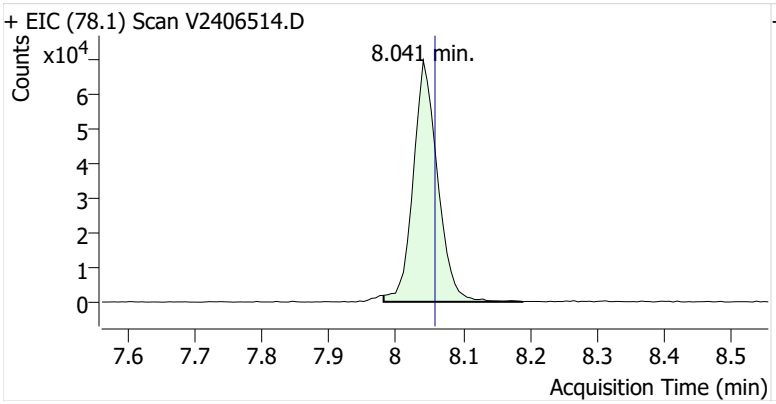
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.987	7.999	789,642	
Benzene	Benzene-d6 (IS)	8.041	8.058	175,920	
Toluene-d8 (IS)		10.611	10.628	860,522	
Toluene	Toluene-d8 (IS)	10.706	10.723	509,195	
Ethylbenzene	Toluene-d8 (IS)	12.860	12.878	68,541	
m-/p-Xylenes	Toluene-d8 (IS)	13.032	13.068	177,011	
o-Xylene	Toluene-d8 (IS)	13.531	13.548	63,602	

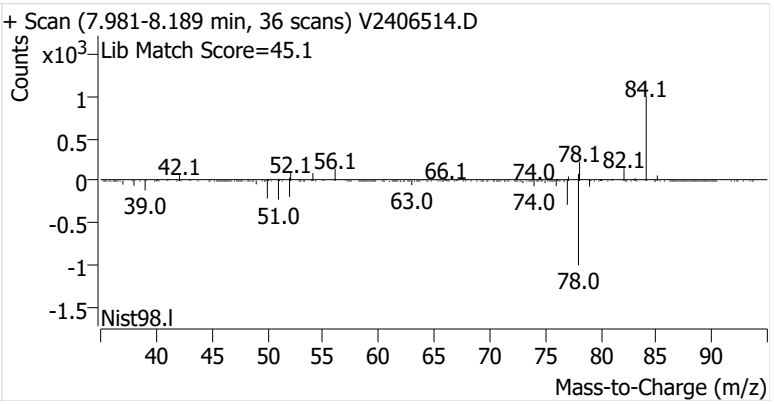
Benzene-d6 (IS)



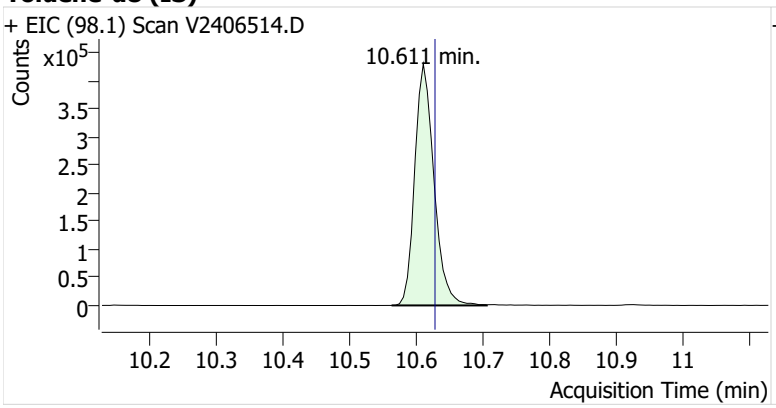


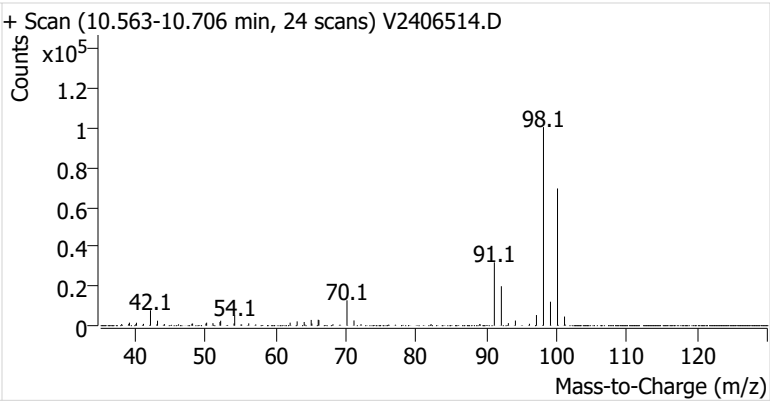
Benzene



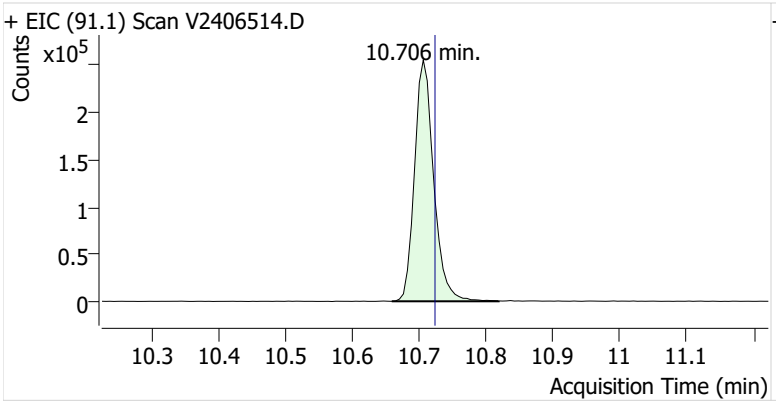


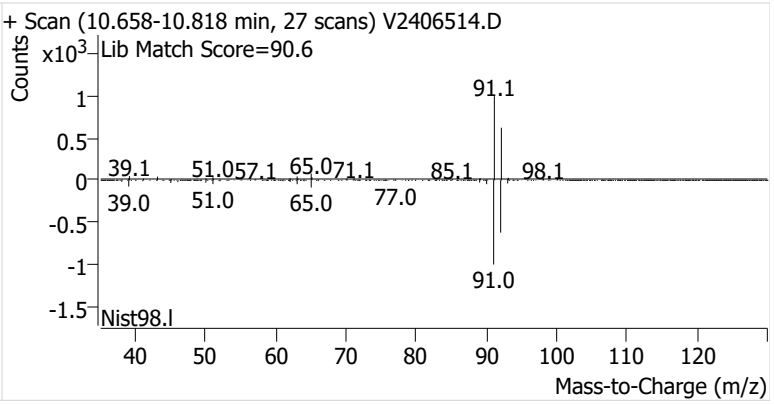
Toluene-d8 (IS)



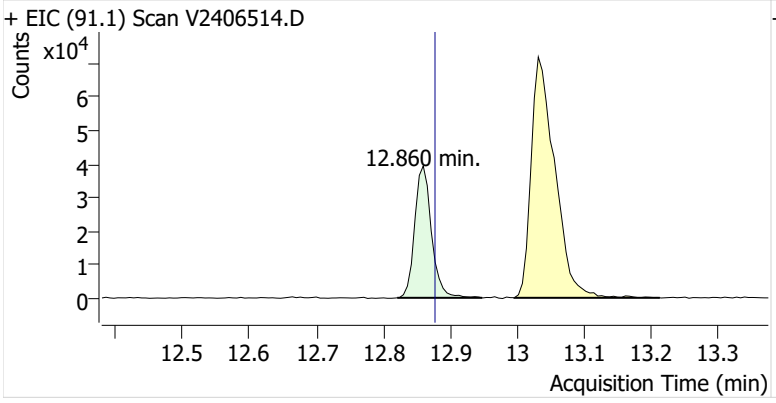


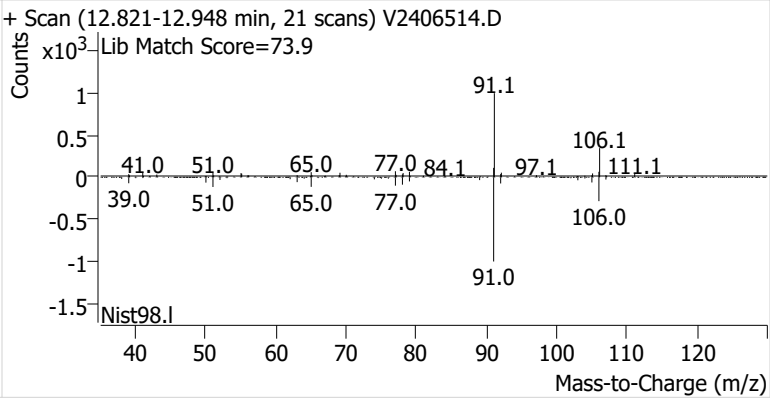
Toluene



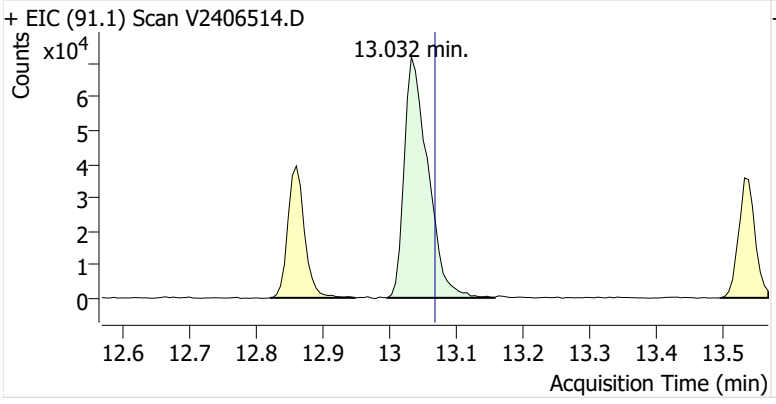


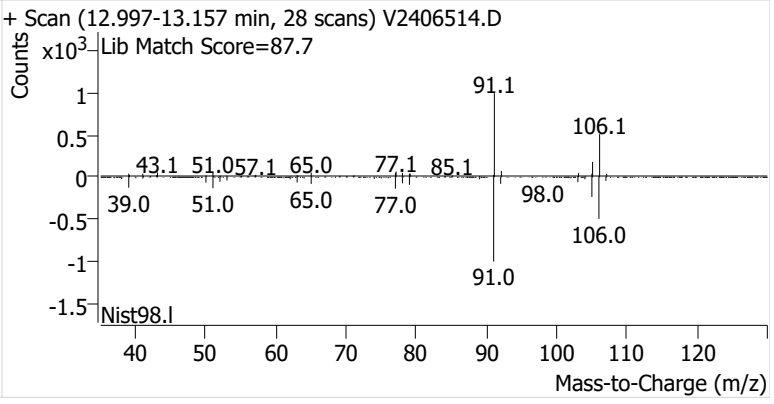
Ethylbenzene



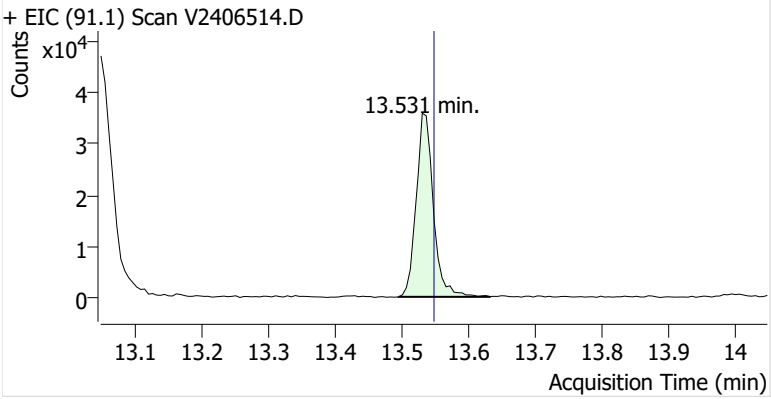


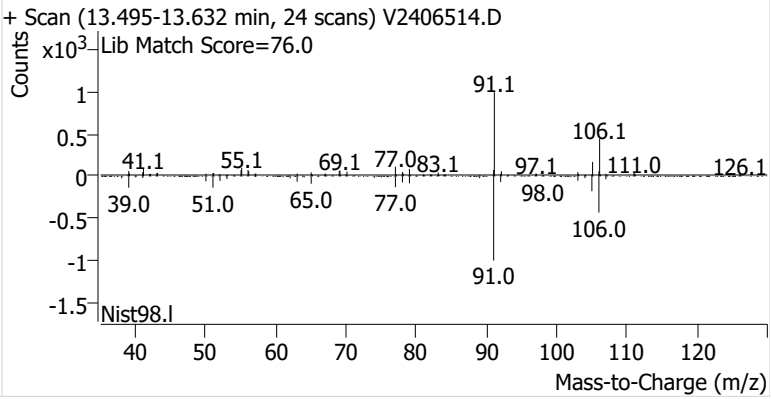
m-/p-Xylenes





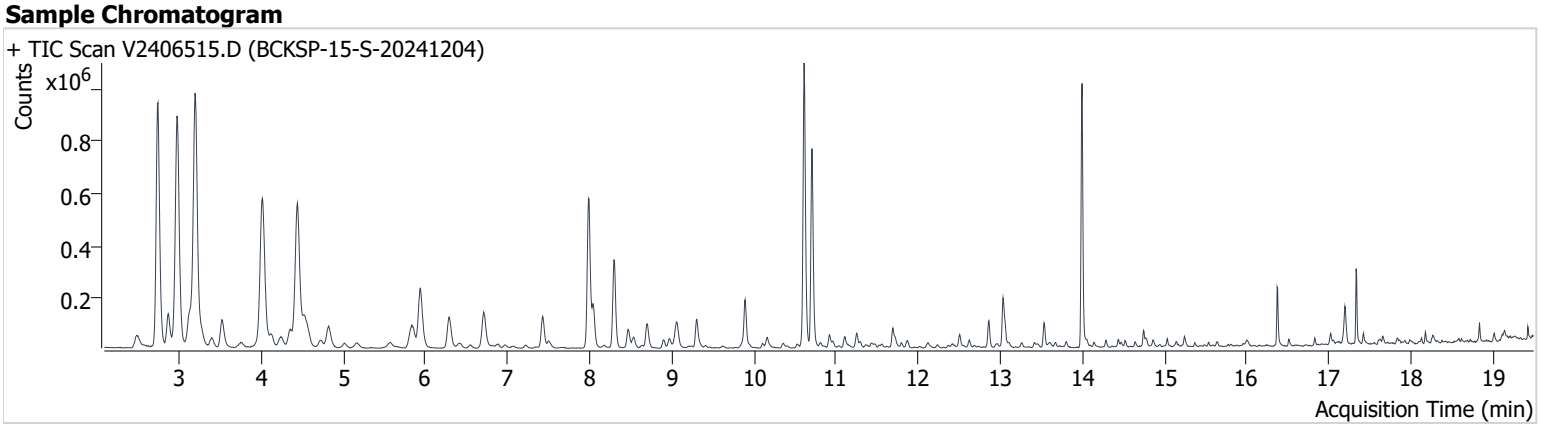
o-Xylene


+ EIC (91.1) Scan V2406514.D
Counts
x10^4
13.531 min.
Acquisition Time (min)


+ Scan (13.495-13.632 min, 24 scans) V2406514.D
Counts
x10^3
Lib Match Score=76.0
91.1
106.1
41.1
55.1
69.1
77.0
83.1
97.1
111.0
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

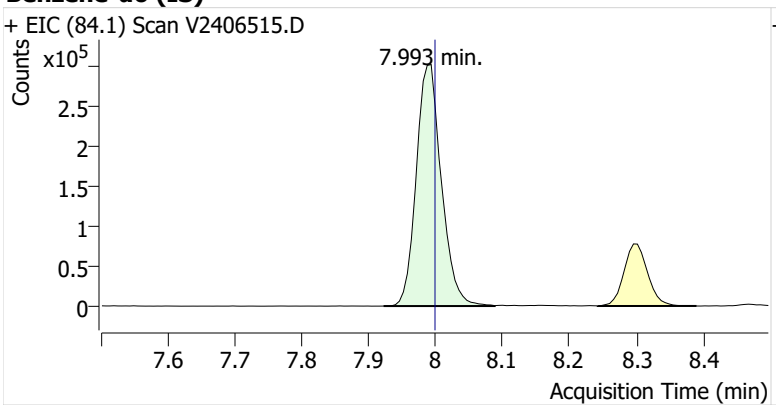
Name	BCKSP-15-S-20241204
Comment	C01610
Data File	V2406515.D
Acq. Date-Time	12/24/2024 6:13:05 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

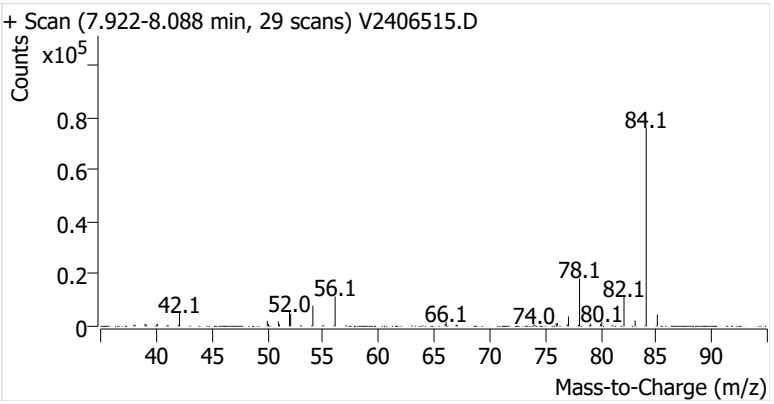
Sample Chromatogram



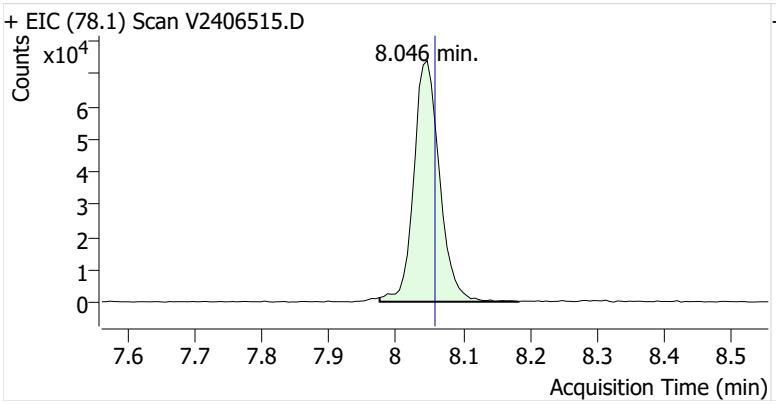
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.993	7.999	790,338	
Benzene	Benzene-d6 (IS)	8.046	8.058	198,783	
Toluene-d8 (IS)		10.610	10.628	860,899	
Toluene	Toluene-d8 (IS)	10.705	10.723	643,719	
Ethylbenzene	Toluene-d8 (IS)	12.860	12.878	78,687	
m-/p-Xylenes	Toluene-d8 (IS)	13.032	13.068	166,866	
o-Xylene	Toluene-d8 (IS)	13.531	13.548	61,005	

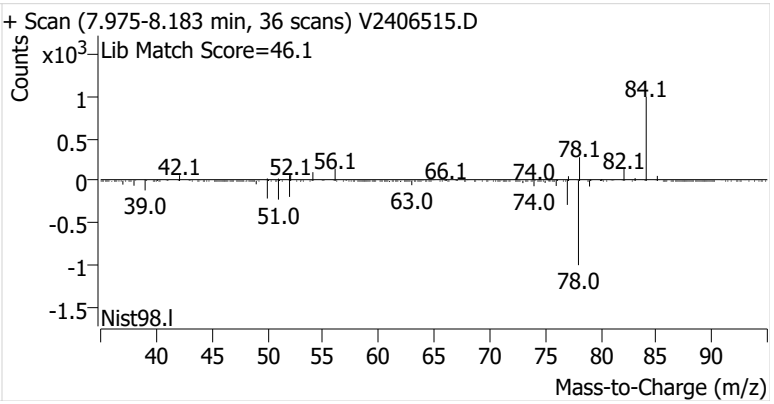
Benzene-d6 (IS)



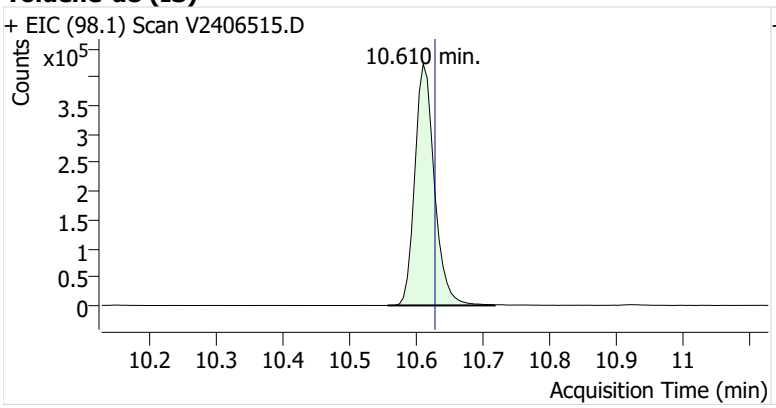


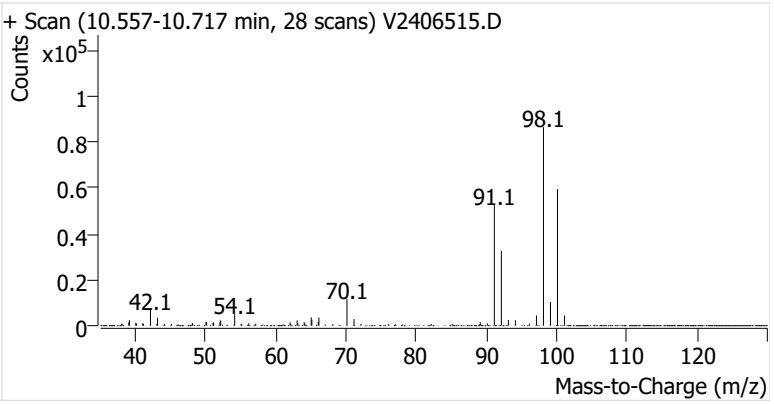
Benzene



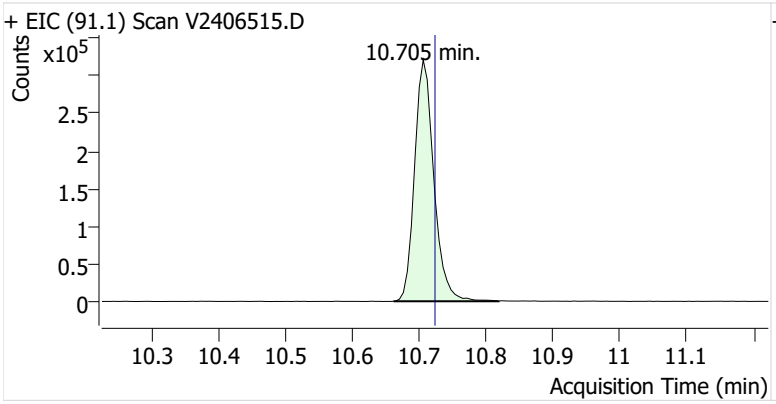


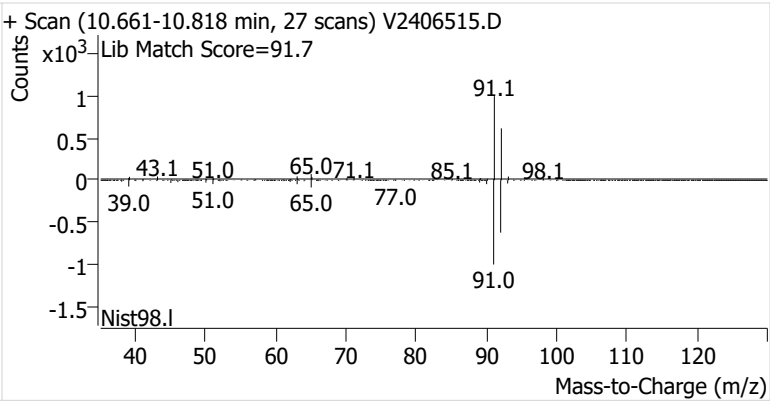
Toluene-d8 (IS)



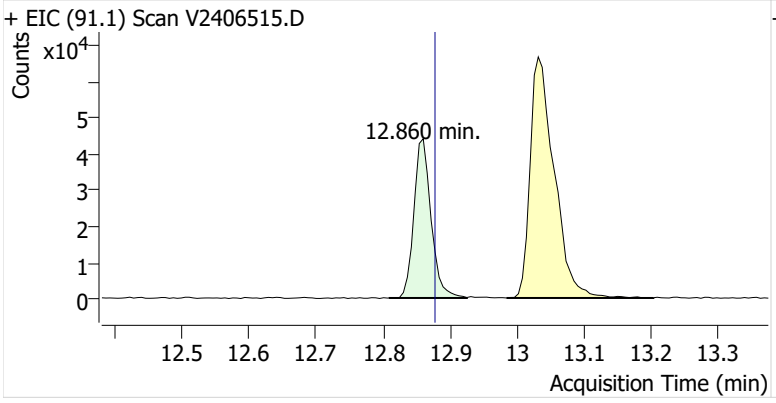


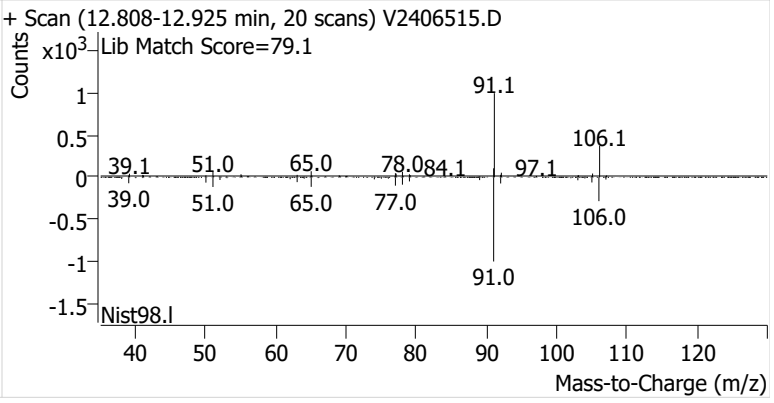
Toluene



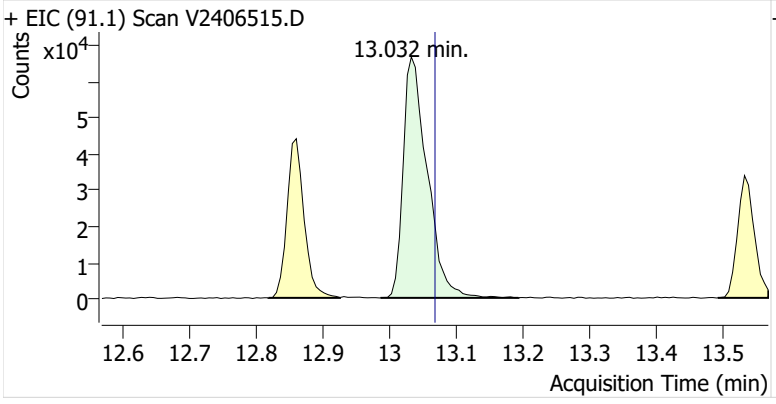


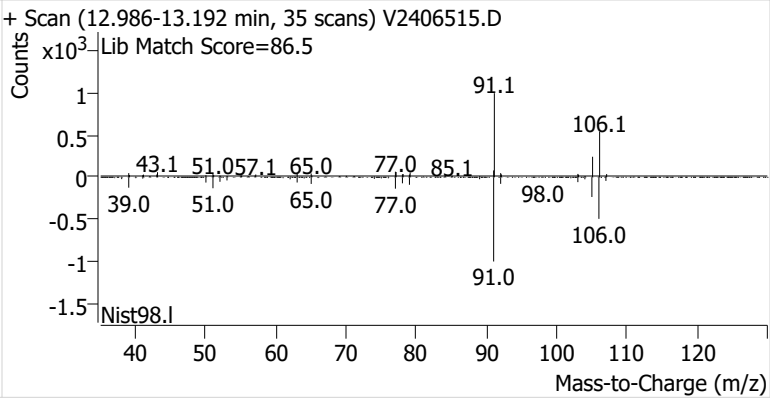
Ethylbenzene



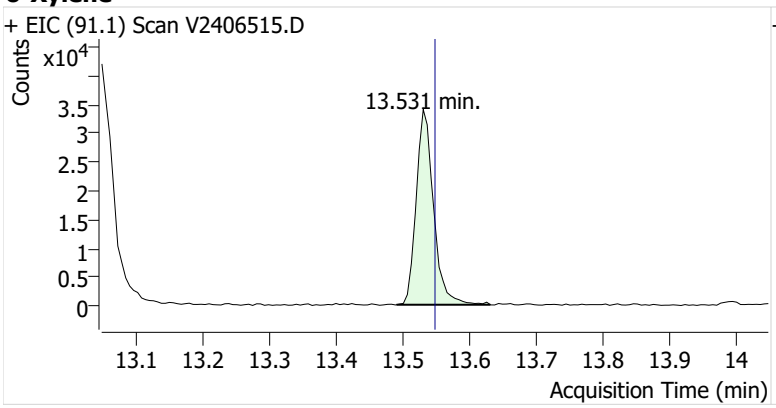


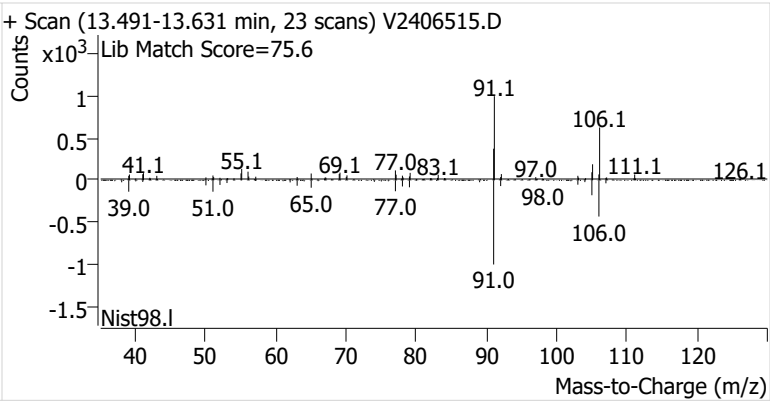
m-/p-Xylenes





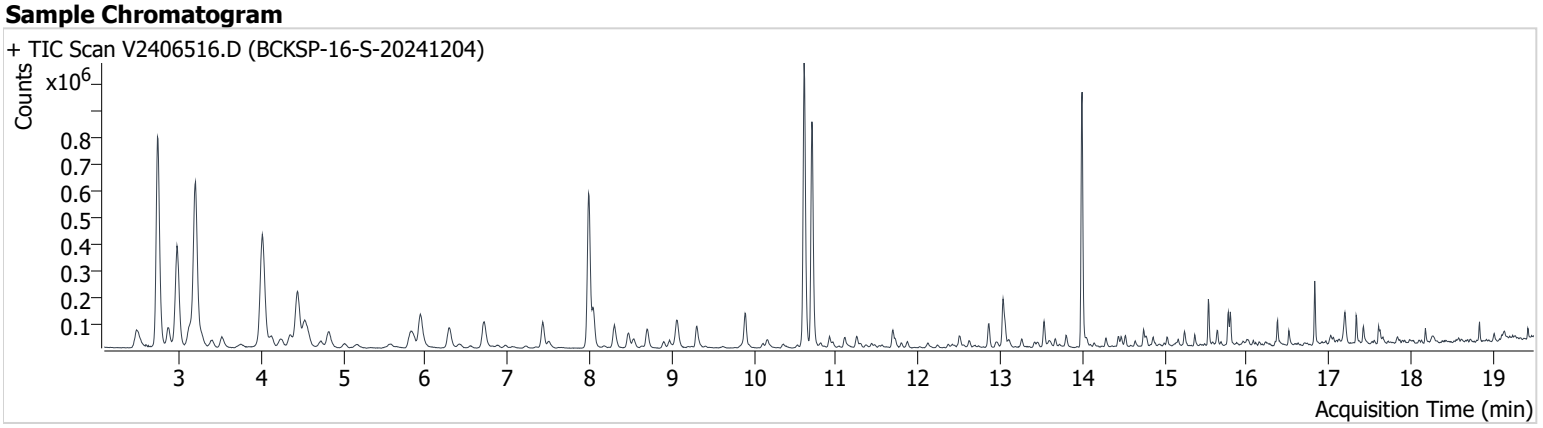
o-Xylene


+ EIC (91.1) Scan V2406515.D
Counts
x10^4
3.5
3
2.5
2
1.5
1
0.5
0
13.531 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14
Acquisition Time (min)


+ Scan (13.491-13.631 min, 23 scans) V2406515.D
Counts
x10^3
Lib Match Score=75.6
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.0
83.1
97.0
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

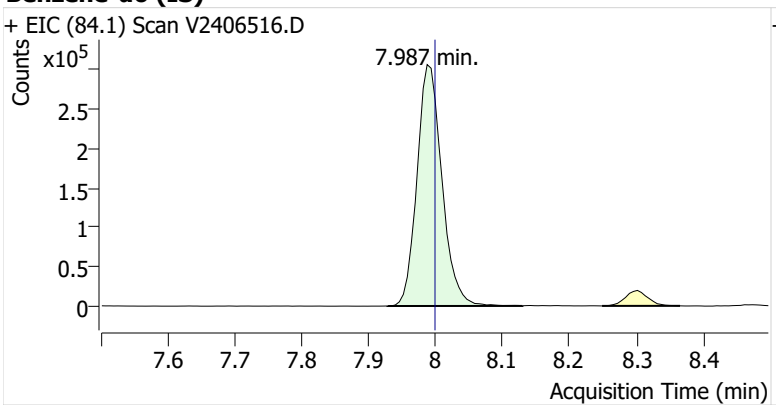
Name	BCKSP-16-S-20241204
Comment	C36881
Data File	V2406516.D
Acq. Date-Time	12/24/2024 6:54:15 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

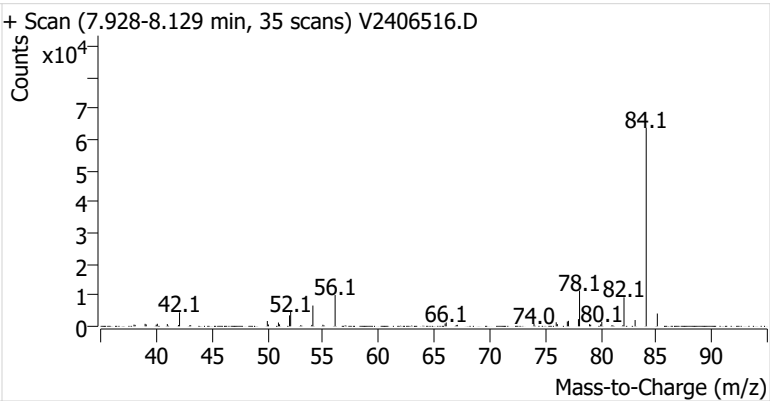
Sample Chromatogram



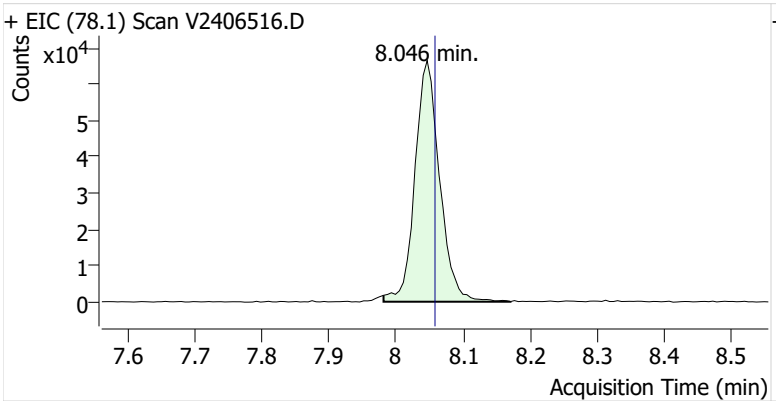
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.987	7.999	793,949	
Benzene	Benzene-d6 (IS)	8.046	8.058	170,237	
Toluene-d8 (IS)		10.610	10.628	861,553	
Toluene	Toluene-d8 (IS)	10.705	10.723	740,785	
Ethylbenzene	Toluene-d8 (IS)	12.860	12.878	68,427	
m-/p-Xylenes	Toluene-d8 (IS)	13.032	13.068	158,686	
o-Xylene	Toluene-d8 (IS)	13.531	13.548	60,086	

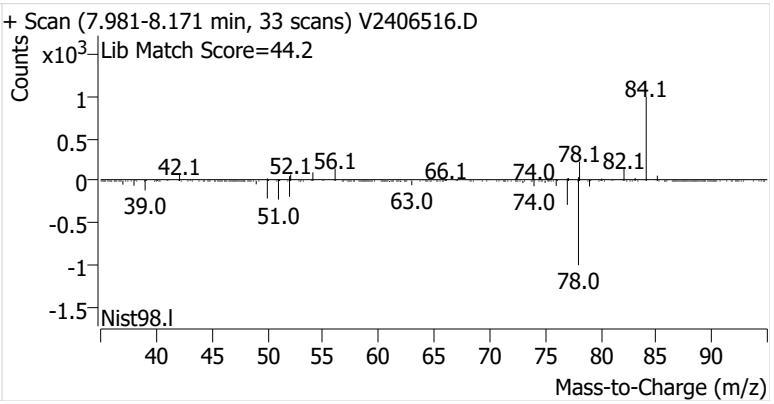
Benzene-d6 (IS)



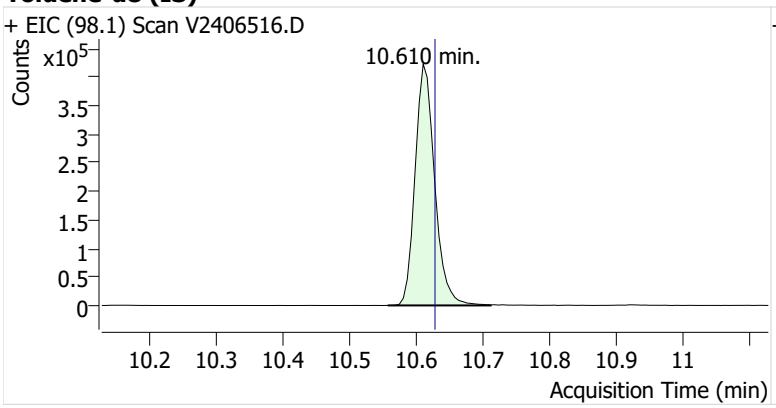


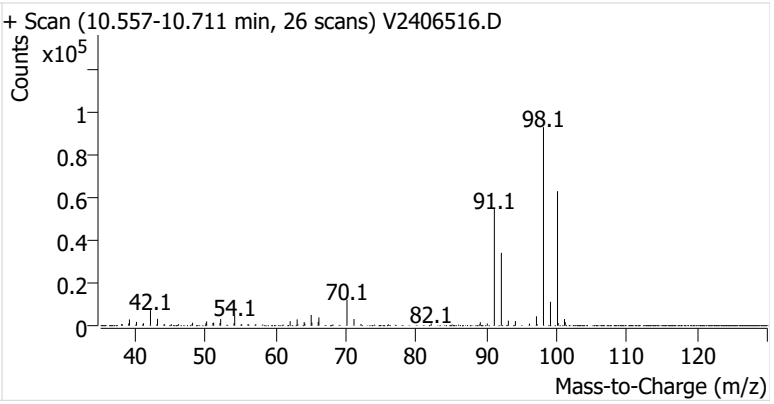
Benzene



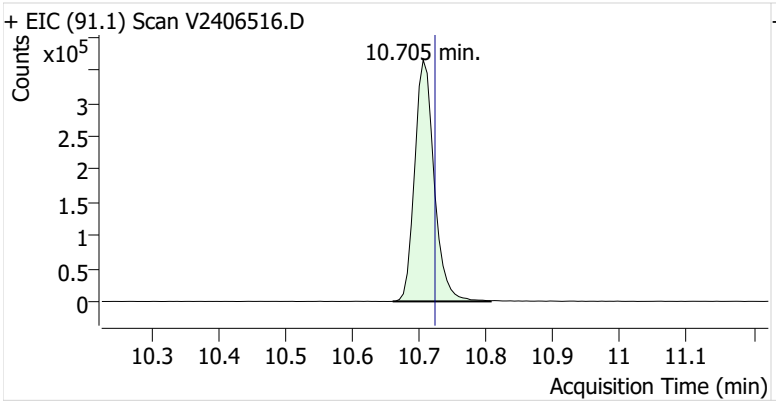


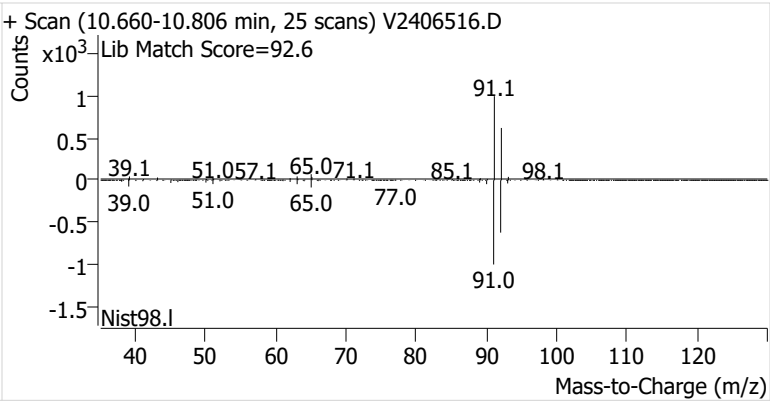
Toluene-d8 (IS)



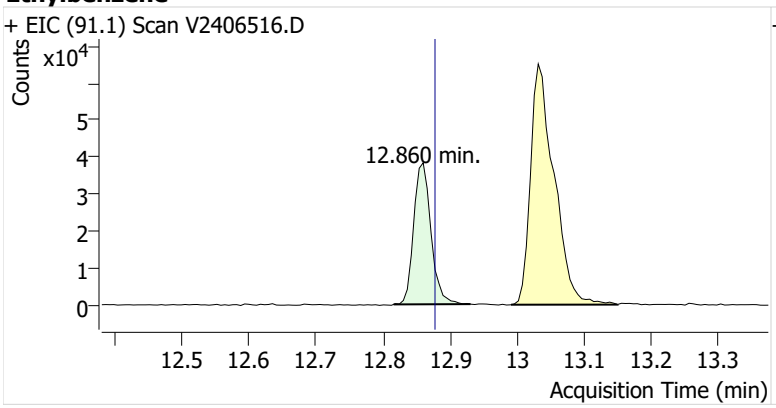


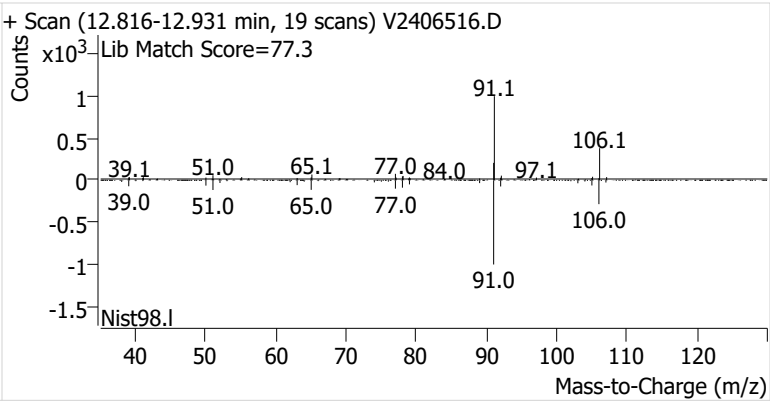
Toluene



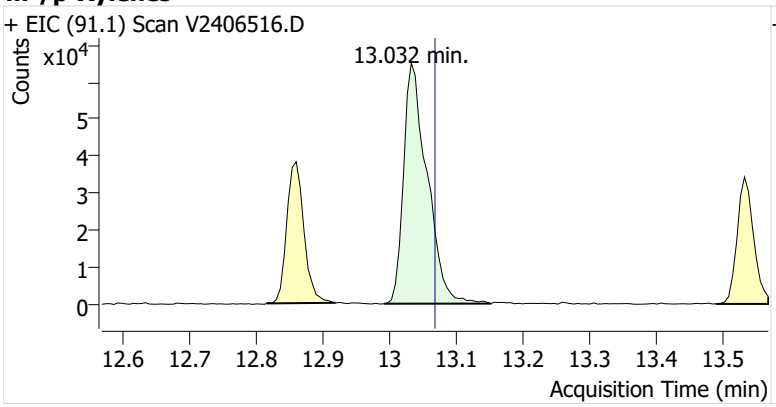


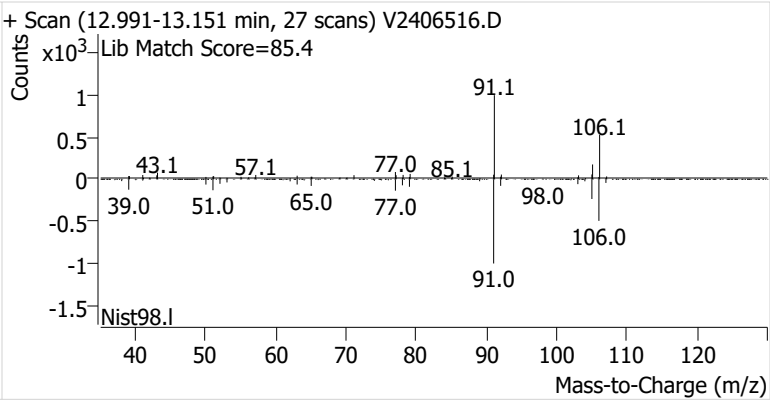
Ethylbenzene



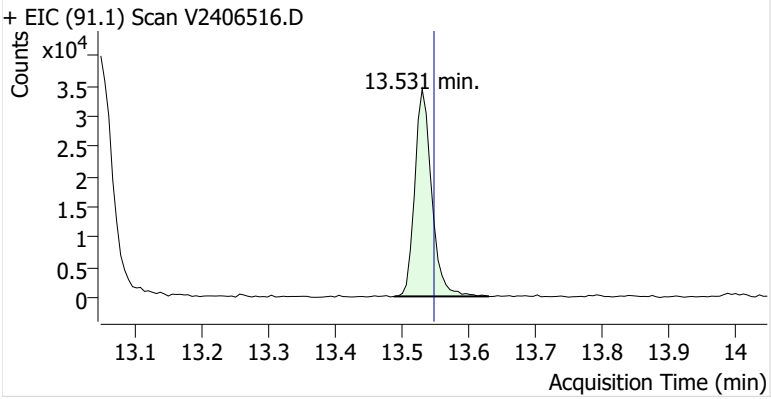


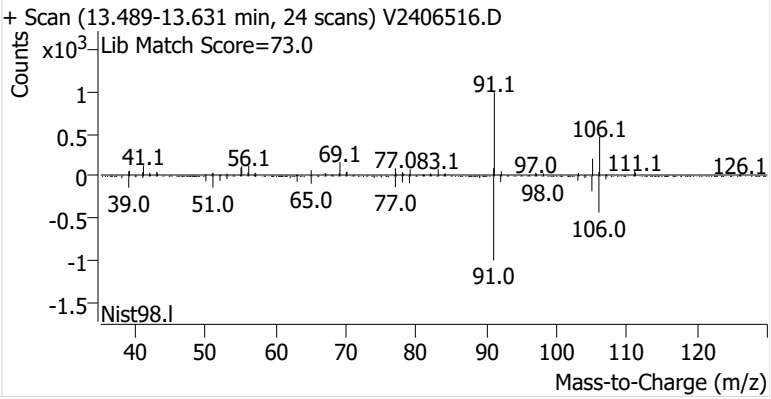
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan V2406516.D
Counts
x10^4
13.531 min.
Acquisition Time (min)


+ Scan (13.489-13.631 min, 24 scans) V2406516.D
Counts
x10^3
Lib Match Score=73.0
91.1
106.1
41.1
56.1
69.1
77.0
83.1
97.0
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

Calibration Summary Reports

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.901	0.974	0.901	-7.5%	-2.8%		Pass	
2024GD406 Method Blank-1	Blank		0.974	0.901			-0.93%	Pass	ND
M325B CCV 5	Check	0.909	0.974	0.901	-6.7%		-2.6%	Pass	
M325B CCV 5	Check	0.891	0.974	0.901	-8.5%		-0.90%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.126	1.196	1.126	-5.9%	-2.7%		Pass	
2024GD406 Method Blank-1	Blank		1.196	1.126			-0.20%	Pass	ND
M325B CCV 5	Check	1.118	1.196	1.126	-6.5%		-0.54%	Pass	
M325B CCV 5	Check	1.151	1.196	1.126	-3.8%		0.27%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.904	1.010	0.904	-11%	-2.7%		Pass	
2024GD406 Method Blank-1	Blank		1.010	0.904			-0.20%	Pass	ND
M325B CCV 5	Check	0.919	1.010	0.904	-9.0%		-0.54%	Pass	
M325B CCV 5	Check	0.964	1.010	0.904	-4.5%		0.27%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.921	0.935	0.921	-1.5%	-2.2%		Pass	
2024GD406 Method Blank-1	Blank		0.935	0.921			-0.20%	Pass	ND
M325B CCV 5	Check	0.918	0.935	0.921	-1.8%		-0.54%	Pass	
M325B CCV 5	Check	0.949	0.935	0.921	1.5%		0.27%	Pass	

Toluene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.994	0.992	0.994	0.23%	-2.7%		Pass	
2024GD406 Method Blank-1	Blank		0.992	0.994			-0.20%	Pass	ND
M325B CCV 5	Check	0.992	0.992	0.994	0.017%		-0.54%	Pass	
M325B CCV 5	Check	0.992	0.992	0.994	0.028%		0.27%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V101624A_CC252679.quantmethod.xml	Benzene	1	V2405038.D	5.00	58229	91.7	852072	1.253	29%
V101624A_CC252679.quantmethod.xml	Benzene	2	V2405028.D	9.90	89825	91.7	823794	1.010	3.7%
V101624A_CC252679.quantmethod.xml	Benzene	3	V2405029.D	19.79	167427	91.7	818923	0.947	-2.7%
V101624A_CC252679.quantmethod.xml	Benzene	4	V2405030.D	39.58	342499	91.7	817782	0.970	-0.38%
V101624A_CC252679.quantmethod.xml	Benzene	5	V2405031.D	99.22	801257	91.7	822513	0.900	-7.6%
V101624A_CC252679.quantmethod.xml	Benzene	6	V2405032.D	197.90	1535131	91.7	815567	0.872	-10%
V101624A_CC252679.quantmethod.xml	Benzene	7	V2405033.D	593.70	4555915	91.7	814793	0.863	-11%
						Avg:	823635	0.974	
						%RSD:	1.6%	14%	
V101624A_CC252679.quantmethod.xml	Ethylbenzene	1	V2405038.D	5.20	64009	108.1	921142	1.446	21%
V101624A_CC252679.quantmethod.xml	Ethylbenzene	2	V2405028.D	10.28	99840	108.1	896578	1.171	-2.1%
V101624A_CC252679.quantmethod.xml	Ethylbenzene	3	V2405029.D	20.57	201265	108.1	890835	1.188	-0.73%
V101624A_CC252679.quantmethod.xml	Ethylbenzene	4	V2405030.D	41.14	408335	108.1	889039	1.207	0.90%
V101624A_CC252679.quantmethod.xml	Ethylbenzene	5	V2405031.D	103.12	1061600	108.1	896729	1.241	3.8%
V101624A_CC252679.quantmethod.xml	Ethylbenzene	6	V2405032.D	205.68	1769658	108.1	879549	1.058	-12%
V101624A_CC252679.quantmethod.xml	Ethylbenzene	7	V2405033.D	617.05	5378346	108.1	885687	1.064	-11%
						Avg:	894223	1.196	
						%RSD:	1.5%	11%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V101624A_CC252679.quantmethod.xml	m-/p-Xylenes	1	V2405038.D	4.91	52235	108.1	921142	1.250	24%
V101624A_CC252679.quantmethod.xml	m-/p-Xylenes	2	V2405028.D	9.71	87248	108.1	896578	1.083	7.2%
V101624A_CC252679.quantmethod.xml	m-/p-Xylenes	3	V2405029.D	19.43	158370	108.1	890835	0.989	-2.0%
V101624A_CC252679.quantmethod.xml	m-/p-Xylenes	4	V2405030.D	38.85	303982	108.1	889039	0.952	-5.8%
V101624A_CC252679.quantmethod.xml	m-/p-Xylenes	5	V2405031.D	97.39	832868	108.1	896729	1.031	2.1%
V101624A_CC252679.quantmethod.xml	m-/p-Xylenes	6	V2405032.D	194.26	1364525	108.1	879549	0.863	-15%
V101624A_CC252679.quantmethod.xml	m-/p-Xylenes	7	V2405033.D	582.77	4306225	108.1	885687	0.902	-11%
						Avg:	894223	1.010	
						%RSD:	1.5%	13%	
V101624A_CC252679.quantmethod.xml	o-Xylene	2	V2405028.D	10.13	85339	108.1	896578	1.016	8.7%
V101624A_CC252679.quantmethod.xml	o-Xylene	3	V2405029.D	20.26	162501	108.1	890835	0.973	4.2%
V101624A_CC252679.quantmethod.xml	o-Xylene	4	V2405030.D	40.52	305173	108.1	889039	0.916	-2.0%
V101624A_CC252679.quantmethod.xml	o-Xylene	5	V2405031.D	101.58	838275	108.1	896729	0.995	6.5%
V101624A_CC252679.quantmethod.xml	o-Xylene	6	V2405032.D	202.61	1409605	108.1	879549	0.855	-8.5%
V101624A_CC252679.quantmethod.xml	o-Xylene	7	V2405033.D	607.82	4242373	108.1	885687	0.852	-8.8%
						Avg:	889736	0.935	
						%RSD:	0.74%	7.6%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD406-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V101624A_CC252679.quantmethod.xml	Toluene	1	V2405038.D	5.41	57449	108.1	921142	1.248	26%
V101624A_CC252679.quantmethod.xml	Toluene	2	V2405028.D	10.70	89933	108.1	896578	1.014	2.2%
V101624A_CC252679.quantmethod.xml	Toluene	3	V2405029.D	21.40	167668	108.1	890835	0.951	-4.1%
V101624A_CC252679.quantmethod.xml	Toluene	4	V2405030.D	42.80	345181	108.1	889039	0.981	-1.1%
V101624A_CC252679.quantmethod.xml	Toluene	5	V2405031.D	107.28	809957	108.1	896729	0.910	-8.3%
V101624A_CC252679.quantmethod.xml	Toluene	6	V2405032.D	213.98	1602057	108.1	879549	0.920	-7.2%
V101624A_CC252679.quantmethod.xml	Toluene	7	V2405033.D	641.94	4845348	108.1	885687	0.921	-7.1%
						Avg:	894223	0.992	
						%RSD:	1.5%	12%	
V101624A_CC252679.quantmethod.xml	Benzene	ICV	V2405034.D	64.23	521218	91.7	815831	0.912	-6.4%
V101624A_CC252679.quantmethod.xml	Ethylbenzene	ICV	V2405034.D	86.24	784682	108.1	897118	1.097	-8.3%
V101624A_CC252679.quantmethod.xml	m-/p-Xylenes	ICV	V2405034.D	89.77	666583	108.1	897118	0.895	-11%
V101624A_CC252679.quantmethod.xml	o-Xylene	ICV	V2405034.D	88.36	634077	108.1	897118	0.865	-7.5%
V101624A_CC252679.quantmethod.xml	Toluene	ICV	V2405034.D	76.61	642991	108.1	897118	1.012	2%

This Is The Last Page Of This Report.