Energy Laboratories Inc

ANALYTICAL RUN Summary

08-Dec-21

Run ID SV5972.I_211203B

Run Start Date:	12/3/2021
Analyst:	Steve Dilts
Ical:	0
Column ID:	DB-624
Comments:	DOD BTEX

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3463	Internals	8.4	ul	42	ml	CAL	12/31/2021
VOCF3497B	Liquids			42	ml	CAL	12/11/2021
VOCF3505B	2nd Source Liquids	1.05	ul	42	ml	ICV	12/23/2021
VOCF3517	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	MBLK, ICV	12/31/2022
VOCF3518	Calibration Surrogates			42	ml	CAL	12/31/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907620	03DEC04_D_T	VOC-8260-BFB	TUNE	V5972.I\SB120321	2/3/2021 12:21:	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	0	0		100	0	0	0	0	0	0%	0	1.99	0%	
174, % of mass 95	A	%	94.2	94.2		100	0	0	0	0	0	94%	50	99.99	0%	
175, % of mass 174	A	%	8	8		100	0	0	0	0	0	8%	5	9	0%	
176, % of mass 174	A	%	99.5	99.5		100	0	0	0	0	0	100%	95	101	0%	
177, % of mass 176	A	%	6.4	6.4		100	0	0	0	0	0	6%	5	9	0%	
50, % of mass 95	A	%	15.1	15.1		100	0	0	0	0	0	15%	15	40	0%	
75, % of mass 95	A	%	39.6	39.6		100	0	0	0	0	0	40%	30	60	0%	
95, Base Peak	A	%	100	100		100	0	0	0	0	0	100%	0	100	0%	
96, % of mass 95	A	%	6.5	6.5		100	0	0	0	0	0	7%	5	9	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907686	MBLK120321	VOC-8260-W-Q	MBLK	V5972.I\SB120321	2/3/2021 12:46:	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.0679	0.5	500	0%	0	0	0%	
Benzene	A	ug/L	0	0		0	0	0	0.0481	0.5	500	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907686	MBLK120321	VOC-8260-W-Q	MBLK	V5972.I\SB1203212/3/2021 12:46:		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	0.5	500	0%	0	0	0%	
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	0.5	1000	0%	0	0	0%	
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	0.5	500	0%	0	0	0%	
Toluene	A	ug/L	0	0		0	0	0	0.0606	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	233.02227	9.3208908		10	0	0	0.0944	0.5	500	93%	70	130	0%	
Dibromofluoromethane	S	ug/L	249.77913	9.9911652		10	0	0	0.07	0.5	500	100%	77	126	0%	
p-Bromofluorobenzene	S	ug/L	250.50207	10.0200828		10	0	0	0.112	0.5	500	100%	76	127	0%	
Toluene-d8	S	ug/L	236.55186	9.4620744		10	0	0	0.081	0.5	500	95%	79	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907687	ICAL120321_1	VOC-8260-W-Q	CAL1	V5972.I\SB1203212/3/2021 1:11:0		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	2.18433	0.0873732		0.1	0	0	0.0679	0.5	500	87%	50	150	0%	
Benzene	A	ug/L	2.4439	0.097756		0.1	0	0	0.0481	0.5	500	98%	50	150	0%	
Ethylbenzene	A	ug/L	2.38435	0.095374		0.1	0	0	0.05	0.5	500	95%	50	150	0%	
m+p-Xylenes	A	ug/L	4.52408	0.1809632		0.2	0	0	0.0688	0.5	1000	90%	50	150	0%	
o-Xylene	A	ug/L	2.25007	0.0900028		0.1	0	0	0.0436	0.5	500	90%	50	150	0%	
Toluene	A	ug/L	2.18964	0.0875856		0.1	0	0	0.0606	0.5	500	88%	50	150	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Xylenes, Total	M	ug/L	6.77415	0.270966		0.3	0	0	0.0436	0.5	1500	90%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	4.97701	0.1990804		0.1	0	0	0.0944	0.5	500	199%	50	150	0%	S
Dibromofluoromethane	S	ug/L	2.89527	0.1158108		0.1	0	0	0.07	0.5	500	116%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	4.15767	0.1663068		0.1	0	0	0.112	0.5	500	166%	50	150	0%	S
Toluene-d8	S	ug/L	2.86961	0.1147844		0.1	0	0	0.081	0.5	500	115%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907688	ICAL120321_2	VOC-8260-W-Q	CAL2	V5972.I\SB1203212/3/2021	1:37:0	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	12.06374	0.4825496		0.5	0	0	0.0679	0.5	500	97%	70	130	0%	
Benzene	A	ug/L	12.01783	0.4807132		0.5	0	0	0.0481	0.5	500	96%	70	130	0%	
Ethylbenzene	A	ug/L	11.8337	0.473348		0.5	0	0	0.05	0.5	500	95%	70	130	0%	
m+p-Xylenes	A	ug/L	23.30236	0.9320944		1	0	0	0.0688	0.5	1000	93%	70	130	0%	
o-Xylene	A	ug/L	11.90989	0.4763956		0.5	0	0	0.0436	0.5	500	95%	70	130	0%	
Toluene	A	ug/L	11.78235	0.471294		0.5	0	0	0.0606	0.5	500	94%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Xylenes, Total	M	ug/L	35.21225	1.40849		1.5	0	0	0.0436	0.5	1500	94%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	14.32304	0.5729216		0.5	0	0	0.0944	0.5	500	115%	50	150	0%	
Dibromofluoromethane	S	ug/L	11.54401	0.4617604		0.5	0	0	0.07	0.5	500	92%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	12.4735	0.49894		0.5	0	0	0.112	0.5	500	100%	50	150	0%	
Toluene-d8	S	ug/L	11.57329	0.4629316		0.5	0	0	0.081	0.5	500	93%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907689	ICAL120321_3	VOC-8260-W-Q	CAL3	V5972.I\SB1203212/3/2021	2:02:0	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	23.44083	0.9376332		1	0	0	0.0679	0.5	500	94%	70	130	0%	
Benzene	A	ug/L	24.15242	0.9660968		1	0	0	0.0481	0.5	500	97%	70	130	0%	
Ethylbenzene	A	ug/L	23.50959	0.9403836		1	0	0	0.05	0.5	500	94%	70	130	0%	
m+p-Xylenes	A	ug/L	47.4193	1.896772		2	0	0	0.0688	0.5	1000	95%	70	130	0%	
o-Xylene	A	ug/L	23.11579	0.9246316		1	0	0	0.0436	0.5	500	92%	70	130	0%	
Toluene	A	ug/L	23.50852	0.9403408		1	0	0	0.0606	0.5	500	94%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	70.53509	2.8214036		3	0	0	0.0436	0.5	1500	94%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	24.86613	0.9946452		1	0	0	0.0944	0.5	500	99%	70	130	0%	
Dibromofluoromethane	S	ug/L	24.88389	0.9953556		1	0	0	0.07	0.5	500	100%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	24.62444	0.9849776		1	0	0	0.112	0.5	500	98%	70	130	0%	
Toluene-d8	S	ug/L	23.28203	0.9312812		1	0	0	0.081	0.5	500	93%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907690	ICAL120321_4	VOC-8260-W-Q	CAL4	V5972.I\SB1203212/3/2021	2:28:0	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	50.94376	2.0377504		2	0	0	0.0679	0.5	500	102%	70	130	0%	
Benzene	A	ug/L	50.27361	2.0109444		2	0	0	0.0481	0.5	500	101%	70	130	0%	
Ethylbenzene	A	ug/L	51.5342	2.061368		2	0	0	0.05	0.5	500	103%	70	130	0%	
m+p-Xylenes	A	ug/L	104.50904	4.1803616		4	0	0	0.0688	0.5	1000	105%	70	130	0%	
o-Xylene	A	ug/L	51.99821	2.0799284		2	0	0	0.0436	0.5	500	104%	70	130	0%	
Toluene	A	ug/L	52.25505	2.090202		2	0	0	0.0606	0.5	500	105%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	156.50725	6.26029		6	0	0	0.0436	0.5	1500	104%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	51.44237	2.0576948		2	0	0	0.0944	0.5	500	103%	70	130	0%	
Dibromofluoromethane	S	ug/L	50.07162	2.0028648		2	0	0	0.07	0.5	500	100%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	51.28715	2.051486		2	0	0	0.112	0.5	500	103%	70	130	0%	
Toluene-d8	S	ug/L	49.85747	1.9942988		2	0	0	0.081	0.5	500	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907691	ICAL120321_5	VOC-8260-W-Q	CAL5	V5972.I\SB1203212/3/2021	3:19:0	1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	134.55097	5.3820388		5	0	0	0.0679	0.5	500	108%	70	130	0%	
Benzene	A	ug/L	130.80027	5.2320108		5	0	0	0.0481	0.5	500	105%	70	130	0%	
Ethylbenzene	A	ug/L	132.14526	5.2858104		5	0	0	0.05	0.5	500	106%	70	130	0%	
m+p-Xylenes	A	ug/L	268.42566	10.7370264		10	0	0	0.0688	0.5	1000	107%	70	130	0%	
o-Xylene	A	ug/L	133.4741	5.338964		5	0	0	0.0436	0.5	500	107%	70	130	0%	
Toluene	A	ug/L	134.54042	5.3816168		5	0	0	0.0606	0.5	500	108%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	401.89976	16.0759904		15	0	0	0.0436	0.5	1500	107%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	127.70027	5.1080108		5	0	0	0.0944	0.5	500	102%	70	130	0%	
Dibromofluoromethane	S	ug/L	132.24637	5.2898548		5	0	0	0.07	0.5	500	106%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	129.48335	5.179334		5	0	0	0.112	0.5	500	104%	70	130	0%	
Toluene-d8	S	ug/L	128.32928	5.1331712		5	0	0	0.081	0.5	500	103%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907692	ICAL120321_6	VOC-8260-W-Q	CAL6	V5972.I\SB1203212/3/2021 4:09:0		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	261.98843	10.4795372		10	0	0	0.0679	0.5	500	105%	70	130	0%	
Benzene	A	ug/L	255.8218	10.232872		10	0	0	0.0481	0.5	500	102%	70	130	0%	
Ethylbenzene	A	ug/L	257.6433	10.305732		10	0	0	0.05	0.5	500	103%	70	130	0%	
m+p-Xylenes	A	ug/L	519.6511	20.786044		20	0	0	0.0688	0.5	1000	104%	70	130	0%	
o-Xylene	A	ug/L	260.90252	10.4361008		10	0	0	0.0436	0.5	500	104%	70	130	0%	
Toluene	A	ug/L	262.2903	10.491612		10	0	0	0.0606	0.5	500	105%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	780.55362	31.2221448		30	0	0	0.0436	0.5	1500	104%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	238.98008	9.5592032		10	0	0	0.0944	0.5	500	96%	70	130	0%	
Dibromofluoromethane	S	ug/L	254.74812	10.1899248		10	0	0	0.07	0.5	500	102%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	247.18963	9.8875852		10	0	0	0.112	0.5	500	99%	70	130	0%	
Toluene-d8	S	ug/L	250.57787	10.0231148		10	0	0	0.081	0.5	500	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907693	ICAL120321_7	VOC-8260-W-Q	CAL7	V5972.I\SB1203212/3/2021 5:00:0		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	383.7124	15.348496		15	0	0	0.0679	0.5	500	102%	70	130	0%	
Benzene	A	ug/L	374.79003	14.9916012		15	0	0	0.0481	0.5	500	100%	70	130	0%	
Ethylbenzene	A	ug/L	378.53979	15.1415916		15	0	0	0.05	0.5	500	101%	70	130	0%	
m+p-Xylenes	A	ug/L	766.29401	30.6517604		30	0	0	0.0688	0.5	1000	102%	70	130	0%	
o-Xylene	A	ug/L	384.92542	15.3970168		15	0	0	0.0436	0.5	500	103%	70	130	0%	
Toluene	A	ug/L	384.77118	15.3908472		15	0	0	0.0606	0.5	500	103%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	1151.21943	46.0487772		45	0	0	0.0436	0.5	1500	102%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	345.92451	13.8369804		15	0	0	0.0944	0.5	500	92%	70	130	0%	
Dibromofluoromethane	S	ug/L	370.9483	14.837932		15	0	0	0.07	0.5	500	99%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	368.50348	14.7401392		15	0	0	0.112	0.5	500	98%	70	130	0%	
Toluene-d8	S	ug/L	364.16405	14.566562		15	0	0	0.081	0.5	500	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907694	ICAL120321_8	VOC-8260-W-Q	CAL8	V5972.I\SB1203212/3/2021 5:51:0		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	528.53225	21.14129		20	0	0	0.0679	0.5	500	106%	70	130	0%	
Benzene	A	ug/L	510.15798	20.4063192		20	0	0	0.0481	0.5	500	102%	70	130	0%	
Ethylbenzene	A	ug/L	515.66123	20.6264492		20	0	0	0.05	0.5	500	103%	70	130	0%	
m+p-Xylenes	A	ug/L	1034.88242	41.3952968		40	0	0	0.0688	0.5	1000	103%	70	130	0%	
o-Xylene	A	ug/L	522.35659	20.8942636		20	0	0	0.0436	0.5	500	104%	70	130	0%	
Toluene	A	ug/L	522.28784	20.8915136		20	0	0	0.0606	0.5	500	104%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	1557.23901	62.2895604		60	0	0	0.0436	0.5	1500	104%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	465.33805	18.613522		20	0	0	0.0944	0.5	500	93%	70	130	0%	
Dibromofluoromethane	S	ug/L	506.76601	20.2706404		20	0	0	0.07	0.5	500	101%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	492.04877	19.6819508		20	0	0	0.112	0.5	500	98%	70	130	0%	
Toluene-d8	S	ug/L	498.90667	19.9562668		20	0	0	0.081	0.5	500	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14907695	ICV120321	VOC-8260-W-Q	ICV	V5972.I\SB1203212/3/2021 6:42:0		1	R371349		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	117.8505	4.71402		5	0	0	0.0679	0.5	500	94%	80	120	0%	
Benzene	A	ug/L	114.54501	4.5818004		5	0	0	0.0481	0.5	500	92%	80	120	0%	
Ethylbenzene	A	ug/L	116.87786	4.6751144		5	0	0	0.05	0.5	500	94%	80	120	0%	
m+p-Xylenes	A	ug/L	230.56246	9.2224984		10	0	0	0.0688	0.5	1000	92%	80	120	0%	
o-Xylene	A	ug/L	119.54888	4.7819552		5	0	0	0.0436	0.5	500	96%	80	120	0%	
Toluene	A	ug/L	117.11041	4.6844164		5	0	0	0.0606	0.5	500	94%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	350.11134	14.0044536		15	0	0	0.0436	0.5	1500	93%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	228.24388	9.1297552		10	0	0	0.0944	0.5	500	91%	80	120	0%	
Dibromofluoromethane	S	ug/L	246.41062	9.8564248		10	0	0	0.07	0.5	500	99%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	244.14109	9.7656436		10	0	0	0.112	0.5	500	98%	80	120	0%	
Toluene-d8	S	ug/L	234.29014	9.3716056		10	0	0	0.081	0.5	500	94%	80	120	0%	

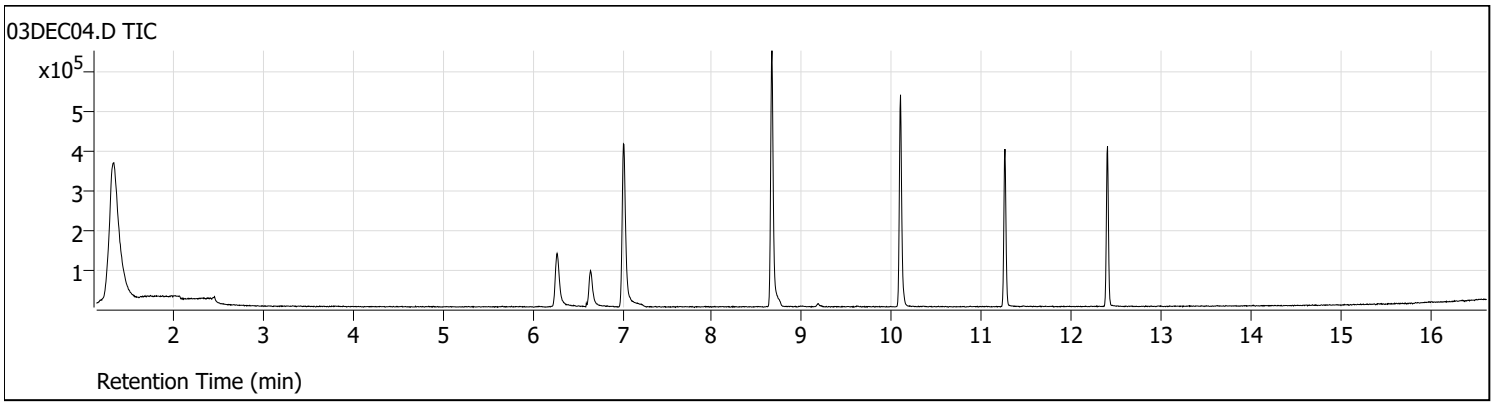
Injection Log

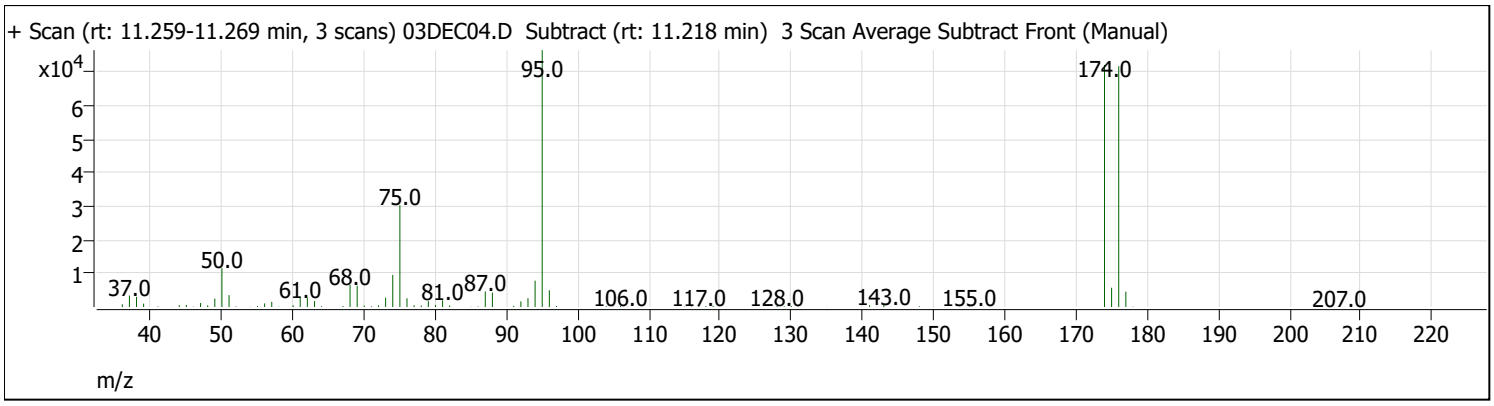
Directory: C:\HPCHEM\1\DATA\SB120321

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	03DEC01.D	1.	BLK		3 Dec 2021 09:24
2	2	03DEC02.D	1.	BLK		3 Dec 2021 10:58
3	3	03DEC03.D	1.	BFB120321		3 Dec 2021 11:36
4	4	03DEC04.D	1.	BFB120321		3 Dec 2021 12:21
5	5	03DEC05.D	1.	MBLK120321		3 Dec 2021 12:46
6	6	03DEC06.D	1.	ICAL120321_1		3 Dec 2021 13:11
7	7	03DEC07.D	1.	ICAL120321_2		3 Dec 2021 13:37
8	8	03DEC08.D	1.	ICAL120321_3		3 Dec 2021 14:02
9	9	03DEC09.D	1.	ICAL120321_4		3 Dec 2021 14:28
10	10	03DEC10.D	1.	BLK		3 Dec 2021 14:53
11	11	03DEC11.D	1.	ICAL120321_5		3 Dec 2021 15:19
12	12	03DEC12.D	1.	BLK		3 Dec 2021 15:44
13	13	03DEC13.D	1.	ICAL120321_6		3 Dec 2021 16:09
14	14	03DEC14.D	1.	BLK		3 Dec 2021 16:35
15	15	03DEC15.D	1.	ICAL120321_7		3 Dec 2021 17:00
16	16	03DEC16.D	1.	BLK		3 Dec 2021 17:26
17	17	03DEC17.D	1.	ICAL120321_8		3 Dec 2021 17:51
18	18	03DEC18.D	1.	BLK		3 Dec 2021 18:16
19	19	03DEC19.D	1.	ICV120321		3 Dec 2021 18:42
20	20	03DEC20.D	1.	BLK		3 Dec 2021 19:07
21	21	03DEC21.D	1.	BLK		3 Dec 2021 19:32

Tune Evaluation Report

Data Path:	D:\Org\Data\SV5972.I\SB120321\03DEC04.D
Acq on:	12/3/2021 12:21:00 PM
Operator:	SBD
Sample:	BFB120321
Inst Name:	GC/MS Ins
ALS Vial:	4
Method:	\\masshunter\Org\Data\Methods\Quant\BFB3scans.m





Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	15.1	11555	Pass
75	95	30	60	39.6	30312	Pass
95	95	100	100	100.0	76533	Pass
96	95	5	9	6.5	4993	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	94.2	72115	Pass
175	174	5	9	8.0	5758	Pass
176	174	95	101	99.5	71749	Pass
177	176	5	9	6.4	4577	Pass

Quantitative Analysis Results Summary Report

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Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:46 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Sequence Table

Data File	sample Name	Sample Type	Vial Position	Inj Vol	Level	Acq Method File
03DEC05.D	MBLK120321	Method Blank	5	0		5972ACQ
03DEC06.D	ICAL120321_1	Cal	6	0	1	5972ACQ
03DEC07.D	ICAL120321_2	Cal	7	0	2	5972ACQ
03DEC08.D	ICAL120321_3	Cal	8	0	3	5972ACQ
03DEC09.D	ICAL120321_4	Cal	9	0	4	5972ACQ
03DEC11.D	ICAL120321_5	Cal	11	0	5	5972ACQ
03DEC13.D	ICAL120321_6	Cal	13	0	6	5972ACQ
03DEC15.D	ICAL120321_7	Cal	15	0	7	5972ACQ
03DEC17.D	ICAL120321_8	Cal	17	0	8	5972ACQ
03DEC19.D	ICV120321	QC	19	0	QC	5972ACQ

Quantitation Results

Compound: Dibromofluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Fluorobenzene	6.269	243769	978236	0.2492	249.7791		
03DEC06.D	Calibration	Fluorobenzene	6.274	2726	943754	0.0029	2.8953	2.5000	115.8
03DEC07.D	Calibration	Fluorobenzene	6.273	11178	970574	0.0115	11.5440	12.5000	92.4
03DEC08.D	Calibration	Fluorobenzene	6.269	24348	980768	0.0248	24.8839	25.0000	99.5
03DEC09.D	Calibration	Fluorobenzene	6.268	48713	975157	0.0500	50.0716	50.0000	100.1
03DEC11.D	Calibration	Fluorobenzene	6.274	132968	1007824	0.1319	132.2464	125.0000	105.8
03DEC13.D	Calibration	Fluorobenzene	6.269	257488	1013135	0.2541	254.7481	250.0000	101.9
03DEC15.D	Calibration	Fluorobenzene	6.262	387572	1047274	0.3701	370.9483	375.0000	98.9
03DEC17.D	Calibration	Fluorobenzene	6.263	513268	1015215	0.5056	506.7660	500.0000	101.4
03DEC19.D	QC	Fluorobenzene	6.269	239776	975366	0.2458	246.4106	250.0000	

Compound: 1,2-Dichloroethane-d4

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Fluorobenzene	6.642	87169	978236	0.0891	233.0223		
03DEC06.D	Calibration	Fluorobenzene	6.641	1796	943754	0.0019	4.9770	2.5000	199.1
03DEC07.D	Calibration	Fluorobenzene	6.646	5316	970574	0.0055	14.3230	12.5000	114.6
03DEC08.D	Calibration	Fluorobenzene	6.647	9326	980768	0.0095	24.8661	25.0000	99.5
03DEC09.D	Calibration	Fluorobenzene	6.640	19183	975157	0.0197	51.4424	50.0000	102.9
03DEC11.D	Calibration	Fluorobenzene	6.647	49215	1007824	0.0488	127.7003	125.0000	102.2
03DEC13.D	Calibration	Fluorobenzene	6.647	92587	1013135	0.0914	238.9801	250.0000	95.6
03DEC15.D	Calibration	Fluorobenzene	6.640	138536	1047274	0.1323	345.9245	375.0000	92.2
03DEC17.D	Calibration	Fluorobenzene	6.641	180654	1015215	0.1779	465.3381	500.0000	93.1

Compound: 1,2-Dichloroethane-d4

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC19.D	QC	Fluorobenzene	6.641	85131	975366	0.0873	228.2439	250.0000	

Compound: Benzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Fluorobenzene			978236		ND		
03DEC06.D	Calibration	Fluorobenzene	6.688	9610	943754	0.0102	2.4439	2.5000	97.8
03DEC07.D	Calibration	Fluorobenzene	6.687	48600	970574	0.0501	12.0178	12.5000	96.1
03DEC08.D	Calibration	Fluorobenzene	6.683	98698	980768	0.1006	24.1524	25.0000	96.6
03DEC09.D	Calibration	Fluorobenzene	6.687	204266	975157	0.2095	50.2736	50.0000	100.5
03DEC11.D	Calibration	Fluorobenzene	6.683	549256	1007824	0.5450	130.8003	125.0000	104.6
03DEC13.D	Calibration	Fluorobenzene	6.683	1079907	1013135	1.0659	255.8218	250.0000	102.3
03DEC15.D	Calibration	Fluorobenzene	6.681	1635422	1047274	1.5616	374.7900	375.0000	99.9
03DEC17.D	Calibration	Fluorobenzene	6.682	2157964	1015215	2.1256	510.1580	500.0000	102.0
03DEC19.D	QC	Fluorobenzene	6.688	465506	975366	0.4773	114.5450	125.0000	

Compound: 1,2-Dichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Fluorobenzene			978236		ND		
03DEC06.D	Calibration	Fluorobenzene	6.724	1534	943754	0.0016	2.1843	2.5000	87.4
03DEC07.D	Calibration	Fluorobenzene	6.723	8710	970574	0.0090	12.0637	12.5000	96.5
03DEC08.D	Calibration	Fluorobenzene	6.730	17102	980768	0.0174	23.4408	25.0000	93.8
03DEC09.D	Calibration	Fluorobenzene	6.728	36955	975157	0.0379	50.9438	50.0000	101.9
03DEC11.D	Calibration	Fluorobenzene	6.729	100874	1007824	0.1001	134.5510	125.0000	107.6
03DEC13.D	Calibration	Fluorobenzene	6.724	197450	1013135	0.1949	261.9884	250.0000	104.8
03DEC15.D	Calibration	Fluorobenzene	6.728	298933	1047274	0.2854	383.7124	375.0000	102.3
03DEC17.D	Calibration	Fluorobenzene	6.729	399151	1015215	0.3932	528.5323	500.0000	105.7
03DEC19.D	QC	Fluorobenzene	6.729	85508	975366	0.0877	117.8505	125.0000	

Compound: Toluene-d8

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Chlorobenzene-d5	8.664	875349	301164	2.9066	236.5519		
03DEC06.D	Calibration	Chlorobenzene-d5	8.664	10585	300204	0.0353	2.8696	2.5000	114.8
03DEC07.D	Calibration	Chlorobenzene-d5	8.663	43443	305500	0.1422	11.5733	12.5000	92.6
03DEC08.D	Calibration	Chlorobenzene-d5	8.664	87835	307040	0.2861	23.2820	25.0000	93.1
03DEC09.D	Calibration	Chlorobenzene-d5	8.663	179538	293072	0.6126	49.8575	50.0000	99.7
03DEC11.D	Calibration	Chlorobenzene-d5	8.664	475751	301719	1.5768	128.3293	125.0000	102.7
03DEC13.D	Calibration	Chlorobenzene-d5	8.664	922467	299610	3.0789	250.5779	250.0000	100.2
03DEC15.D	Calibration	Chlorobenzene-d5	8.662	1395369	311846	4.4745	364.1641	375.0000	97.1
03DEC17.D	Calibration	Chlorobenzene-d5	8.664	1836967	299661	6.1302	498.9067	500.0000	99.8
03DEC19.D	QC	Chlorobenzene-d5	8.664	855977	297342	2.8788	234.2901	250.0000	

Compound: Toluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Chlorobenzene-d5			301164		ND		
03DEC06.D	Calibration	Chlorobenzene-d5	8.731	5558	300204	0.0185	2.1896	2.5000	87.6
03DEC07.D	Calibration	Chlorobenzene-d5	8.730	30435	305500	0.0996	11.7823	12.5000	94.3
03DEC08.D	Calibration	Chlorobenzene-d5	8.732	61031	307040	0.1988	23.5085	25.0000	94.0
03DEC09.D	Calibration	Chlorobenzene-d5	8.730	129489	293072	0.4418	52.2550	50.0000	104.5
03DEC11.D	Calibration	Chlorobenzene-d5	8.731	343230	301719	1.1376	134.5404	125.0000	107.6
03DEC13.D	Calibration	Chlorobenzene-d5	8.731	664460	299610	2.2177	262.2903	250.0000	104.9
03DEC15.D	Calibration	Chlorobenzene-d5	8.730	1014549	311846	3.2534	384.7712	375.0000	102.6
03DEC17.D	Calibration	Chlorobenzene-d5	8.731	1323337	299661	4.4161	522.2878	500.0000	104.5
03DEC19.D	QC	Chlorobenzene-d5	8.731	294430	297342	0.9902	117.1104	125.0000	

Compound: Ethylbenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Chlorobenzene-d5			301164		ND		
03DEC06.D	Calibration	Chlorobenzene-d5	10.241	10013	300204	0.0334	2.3843	2.5000	95.4
03DEC07.D	Calibration	Chlorobenzene-d5	10.236	50572	305500	0.1655	11.8337	12.5000	94.7
03DEC08.D	Calibration	Chlorobenzene-d5	10.237	100976	307040	0.3289	23.5096	25.0000	94.0
03DEC09.D	Calibration	Chlorobenzene-d5	10.236	211275	293072	0.7209	51.5342	50.0000	103.1
03DEC11.D	Calibration	Chlorobenzene-d5	10.237	557740	301719	1.8485	132.1453	125.0000	105.7
03DEC13.D	Calibration	Chlorobenzene-d5	10.237	1079825	299610	3.6041	257.6433	250.0000	103.1
03DEC15.D	Calibration	Chlorobenzene-d5	10.235	1651315	311846	5.2953	378.5398	375.0000	100.9
03DEC17.D	Calibration	Chlorobenzene-d5	10.236	2161588	299661	7.2134	515.6612	500.0000	103.1
03DEC19.D	QC	Chlorobenzene-d5	10.236	486146	297342	1.6350	116.8779	125.0000	

Compound: m+p-Xylenes

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Chlorobenzene-d5			301164		ND		
03DEC06.D	Calibration	Chlorobenzene-d5	10.350	7173	300204	0.0239	4.5241	5.0000	90.5
03DEC07.D	Calibration	Chlorobenzene-d5	10.355	37598	305500	0.1231	23.3024	25.0000	93.2
03DEC08.D	Calibration	Chlorobenzene-d5	10.351	76896	307040	0.2504	47.4193	50.0000	94.8
03DEC09.D	Calibration	Chlorobenzene-d5	10.355	161764	293072	0.5520	104.5090	100.0000	104.5
03DEC11.D	Calibration	Chlorobenzene-d5	10.355	427740	301719	1.4177	268.4257	250.0000	107.4
03DEC13.D	Calibration	Chlorobenzene-d5	10.355	822284	299610	2.7445	519.6511	500.0000	103.9
03DEC15.D	Calibration	Chlorobenzene-d5	10.354	1262087	311846	4.0471	766.2940	750.0000	102.2
03DEC17.D	Calibration	Chlorobenzene-d5	10.355	1637853	299661	5.4657	1034.8824	1000.0000	103.5
03DEC19.D	QC	Chlorobenzene-d5	10.355	362075	297342	1.2177	230.5625	250.0000	

Compound: o-Xylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	Chlorobenzene-d5			301164		ND		
03DEC06.D	Calibration	Chlorobenzene-d5	10.743	3154	300204	0.0105	2.2501	2.5000	90.0
03DEC07.D	Calibration	Chlorobenzene-d5	10.743	16989	305500	0.0556	11.9099	12.5000	95.3

Compound: o-Xylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC08.D	Calibration	Chlorobenzene-d5	10.744	33140	307040	0.1079	23.1158	25.0000	92.5
03DEC09.D	Calibration	Chlorobenzene-d5	10.743	71156	293072	0.2428	51.9982	50.0000	104.0
03DEC11.D	Calibration	Chlorobenzene-d5	10.743	188039	301719	0.6232	133.4741	125.0000	106.8
03DEC13.D	Calibration	Chlorobenzene-d5	10.743	364992	299610	1.2182	260.9025	250.0000	104.4
03DEC15.D	Calibration	Chlorobenzene-d5	10.742	560487	311846	1.7973	384.9254	375.0000	102.6
03DEC17.D	Calibration	Chlorobenzene-d5	10.743	730880	299661	2.4390	522.3566	500.0000	104.5
03DEC19.D	QC	Chlorobenzene-d5	10.743	165978	297342	0.5582	119.5489	125.0000	

Compound: p-Bromofluorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
03DEC05.D	Blank	1,4-Dichlorobenzene-d4	11.261	223429	192343	1.1616	250.5021		
03DEC06.D	Calibration	1,4-Dichlorobenzene-d4	11.266	3827	198498	0.0193	4.1577	2.5000	166.3
03DEC07.D	Calibration	1,4-Dichlorobenzene-d4	11.260	11660	201585	0.0578	12.4735	12.5000	99.8
03DEC08.D	Calibration	1,4-Dichlorobenzene-d4	11.261	22902	200565	0.1142	24.6244	25.0000	98.5
03DEC09.D	Calibration	1,4-Dichlorobenzene-d4	11.265	46121	193927	0.2378	51.2872	50.0000	102.6
03DEC11.D	Calibration	1,4-Dichlorobenzene-d4	11.261	124320	207050	0.6004	129.4833	125.0000	103.6
03DEC13.D	Calibration	1,4-Dichlorobenzene-d4	11.261	232375	202725	1.1463	247.1896	250.0000	98.9
03DEC15.D	Calibration	1,4-Dichlorobenzene-d4	11.264	365345	213801	1.7088	368.5035	375.0000	98.3
03DEC17.D	Calibration	1,4-Dichlorobenzene-d4	11.260	475104	208223	2.2817	492.0488	500.0000	98.4
03DEC19.D	QC	1,4-Dichlorobenzene-d4	11.260	222507	196540	1.1321	244.1411	250.0000	

Initial Calibration Report - GC/MS Ins

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Method Path	\\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL
Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m
Batch Name	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin
Last Calib Update	12/6/2021 11:27:16 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC06.D	12/3/2021 1:11:00 PM	12/6/2021 11:27:16 AM
2	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	12/3/2021 1:37:00 PM	12/6/2021 11:27:16 AM
3	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	12/3/2021 2:02:00 PM	12/6/2021 11:27:16 AM
4	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	12/3/2021 2:28:00 PM	12/6/2021 11:27:16 AM
5	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	12/3/2021 3:19:00 PM	12/6/2021 11:27:16 AM
6	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	12/3/2021 4:09:00 PM	12/6/2021 11:27:16 AM
7	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	12/3/2021 5:00:00 PM	12/6/2021 11:27:16 AM
8	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	12/3/2021 5:51:00 PM	12/6/2021 11:27:16 AM

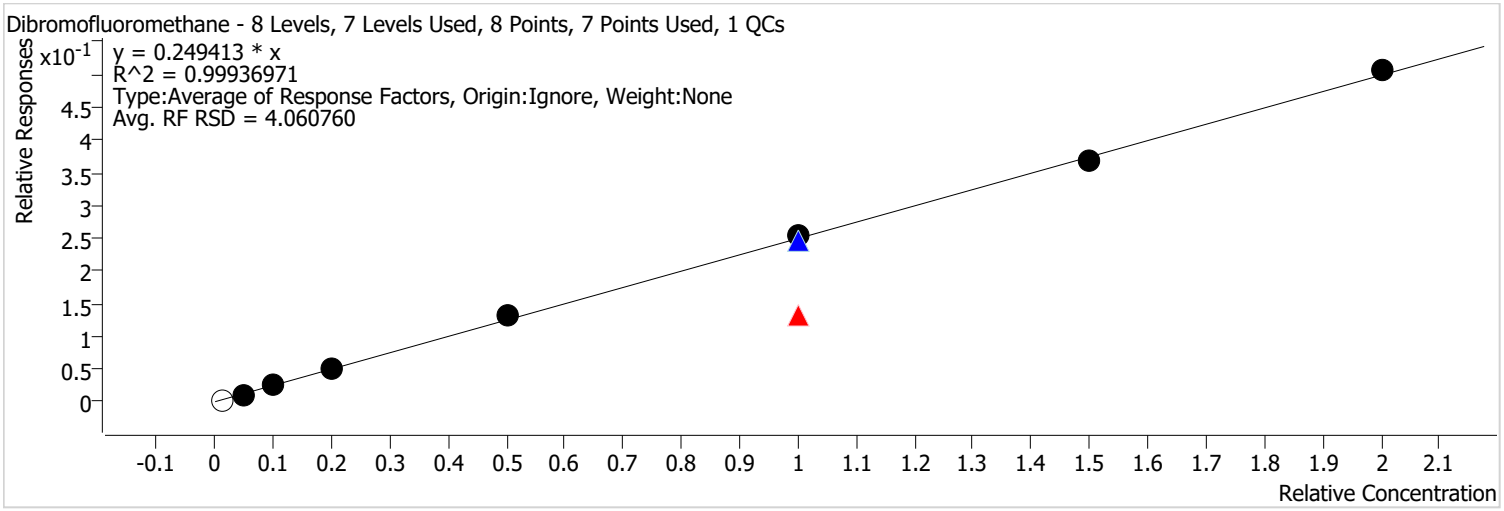
Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I Fluorobenzene				---------- ISTD ----------							
S Dibromofluoromethane	Avg RF		0.2303	0.2483	0.2498	0.2639	0.2541	0.2467	0.2528	0.2494	4.061
S 1,2-Dichloroethane-d4	Avg RF		0.1095	0.0951	0.0984	0.0977	0.0914	0.0882	0.0890	0.0956 #	7.677
T Benzene	Avg RF	1.0183	1.0015	1.0063	1.0473	1.0900	1.0659	1.0411	1.0628	1.0416	2.995
T 1,2-Dichloroethane	Avg RF	0.1625	0.1795	0.1744	0.1895	0.2002	0.1949	0.1903	0.1966	0.1860	6.901
I Chlorobenzene-d5				---------- ISTD ----------							
S Toluene-d8	Avg RF	3.5259	2.8441	2.8607	3.0630	3.1536	3.0789	2.9830	3.0651	3.0718	6.932
T Toluene	Avg RF	1.8514	1.9925	1.9877	2.2092	2.2752	2.2177	2.1689	2.2081	2.1138	7.092
T Ethylbenzene	Avg RF	3.3354	3.3108	3.2887	3.6045	3.6971	3.6041	3.5302	3.6067	3.4972	4.590
T m+p-Xylenes	Avg RF	1.1947	1.2307	1.2522	1.3799	1.4177	1.3723	1.3490	1.3664	1.3204	6.214
T o-Xylene	Avg RF	1.0506	1.1122	1.0793	1.2140	1.2465	1.2182	1.1982	1.2195	1.1673	6.403
I 1,4-Dichlorobenzene-d4				---------- ISTD ----------							
S p-Bromofluorobenzene	Avg RF		1.1568	1.1419	1.1891	1.2009	1.1463	1.1392	1.1409	1.1593	2.183

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Calibration Report

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:39 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Dibromofluoromethane %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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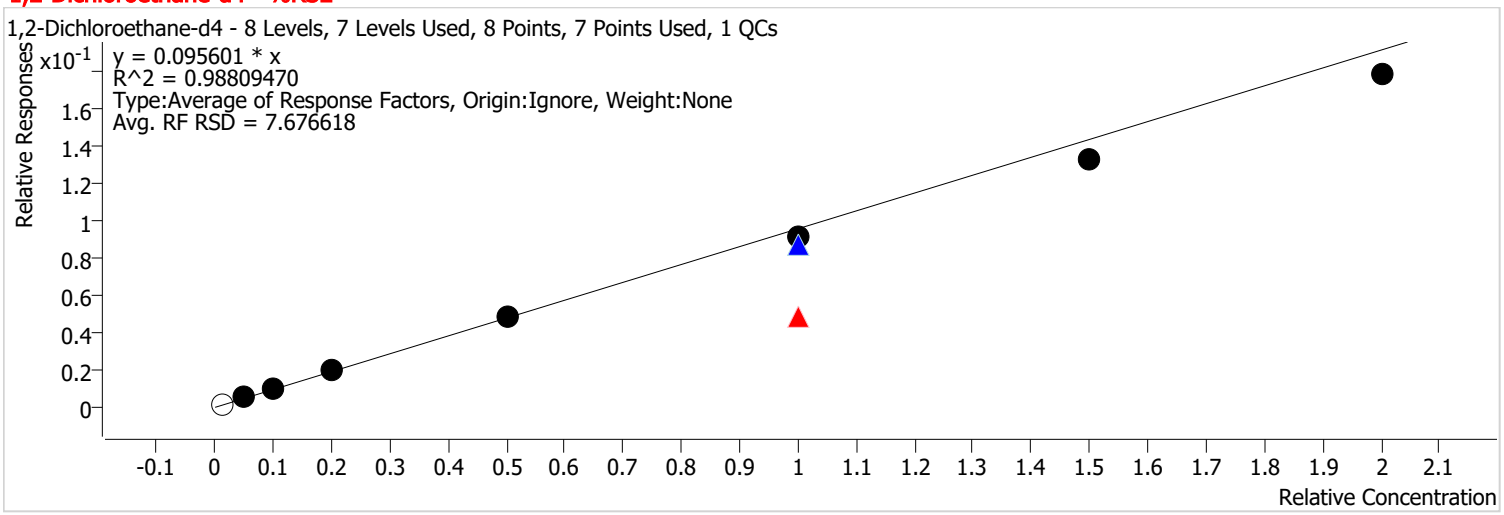
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	Calibration	2	x	11178	12.5000	0.2303	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	24348	25.0000	0.2483	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	48713	50.0000	0.2498	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	132968	125.0000	0.2639	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	132968	250.0000	0.1319	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	239776	250.0000	0.2458	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	257488	250.0000	0.2541	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	387572	375.0000	0.2467	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	513268	500.0000	0.2528	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichloroethane-d4 %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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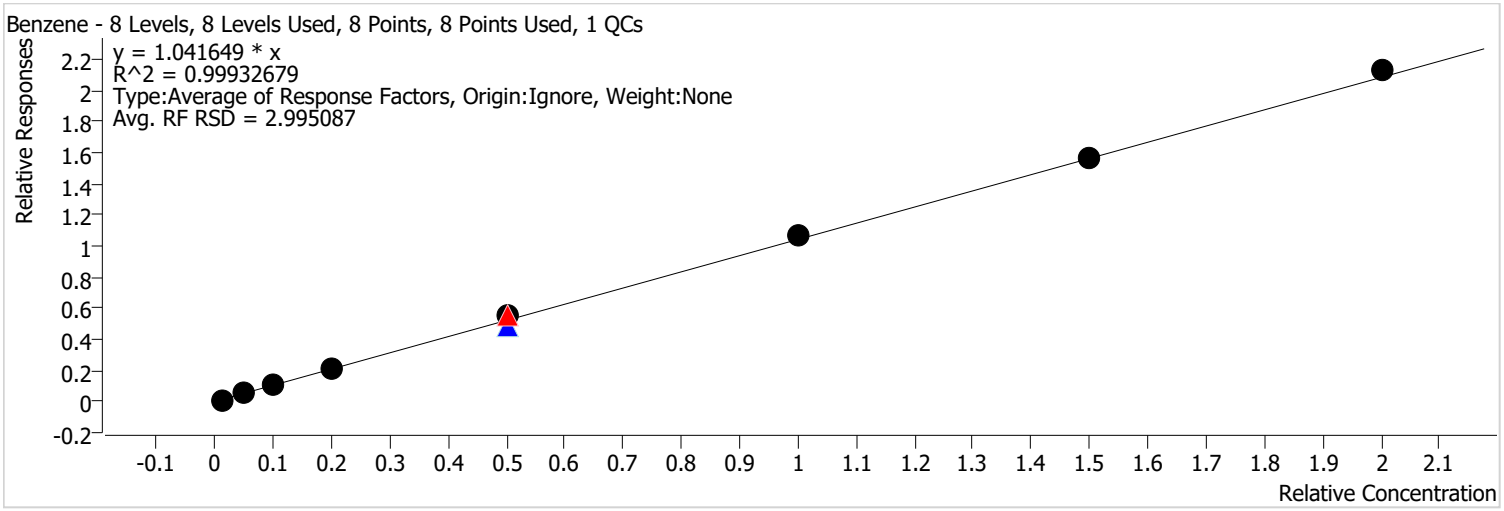
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	Calibration	2	x	5316	12.5000	0.1095	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	9326	25.0000	0.0951	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	19183	50.0000	0.0984	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	49215	125.0000	0.0977	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	49215	250.0000	0.0488	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	85131	250.0000	0.0873	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	92587	250.0000	0.0914	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	138536	375.0000	0.0882	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	180654	500.0000	0.0890	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Benzene %RSE = 3.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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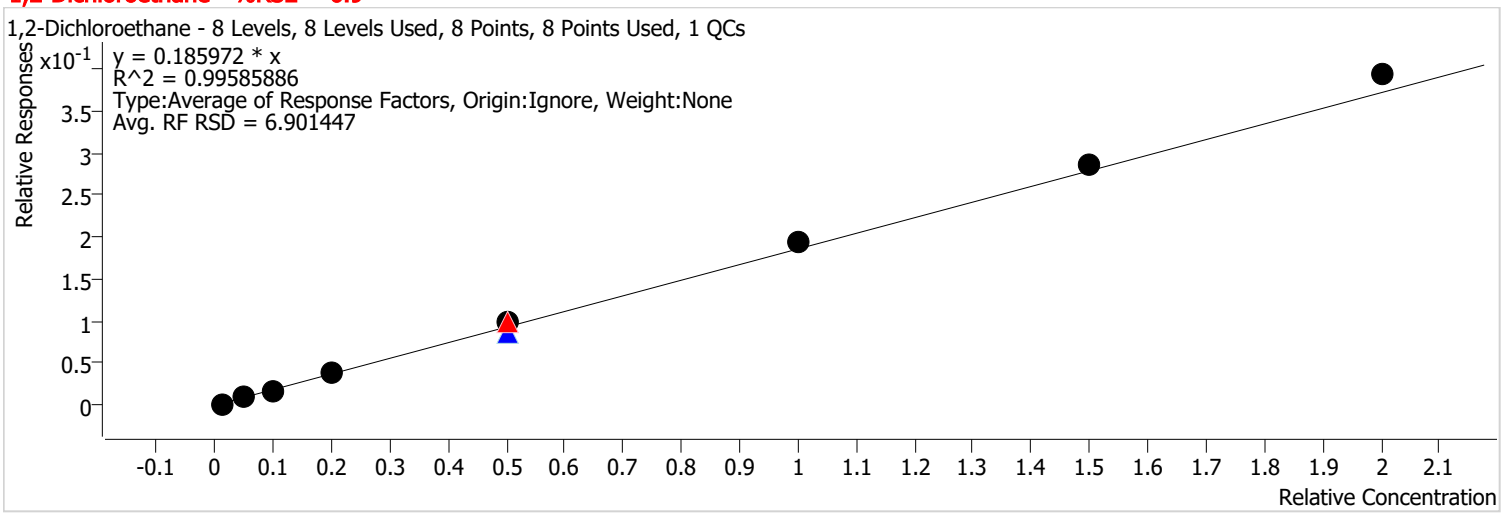
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	98698	25.0000	1.0063	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	204266	50.0000	1.0473	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	549256	125.0000	1.0900	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	465506	125.0000	0.9545	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	549256	125.0000	1.0900	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	1079907	250.0000	1.0659	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	1635422	375.0000	1.0411	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	2157964	500.0000	1.0628	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichloroethane %RSE = 6.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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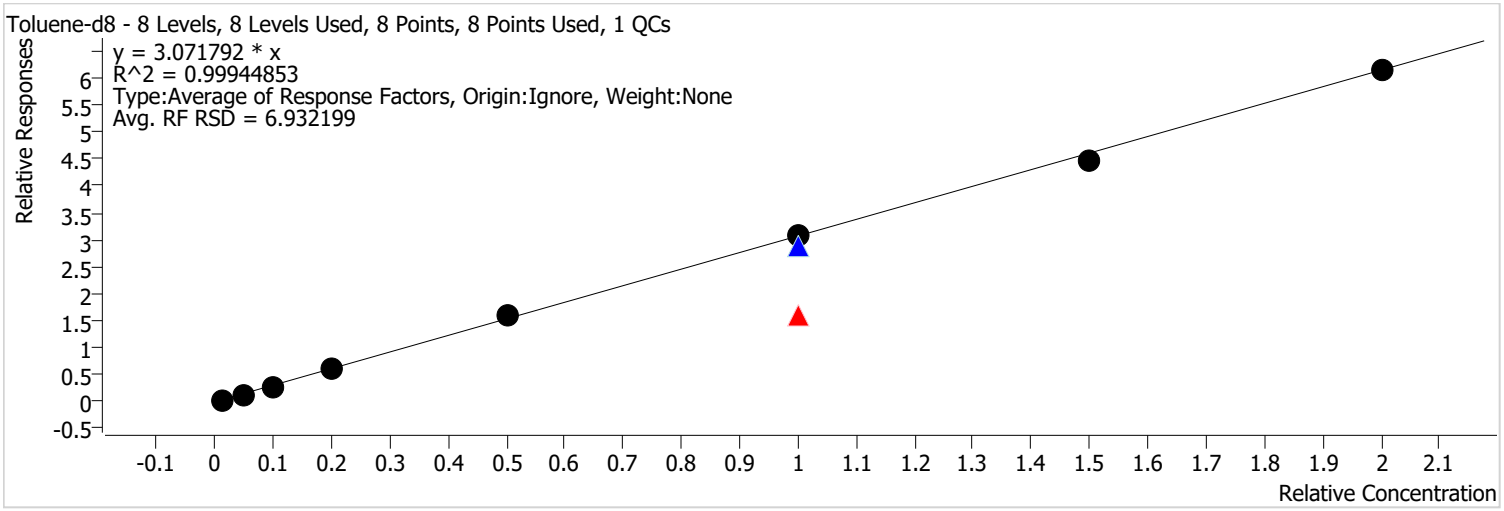
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	17102	25.0000	0.1744	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	36955	50.0000	0.1895	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	100874	125.0000	0.2002	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	85508	125.0000	0.1753	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	100874	125.0000	0.2002	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	197450	250.0000	0.1949	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	298933	375.0000	0.1903	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	399151	500.0000	0.1966	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Toluene-d8 %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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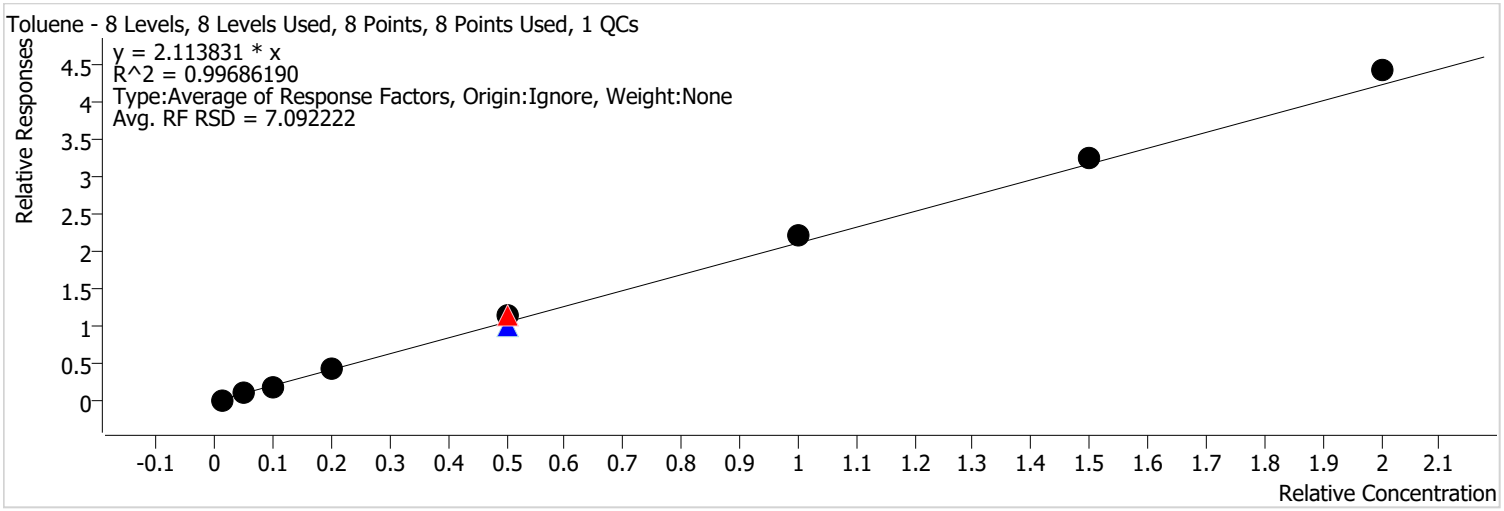
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	Calibration	2	x	43443	12.5000	2.8441	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	87835	25.0000	2.8607	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	179538	50.0000	3.0630	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	475751	125.0000	3.1536	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	475751	250.0000	1.5768	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	855977	250.0000	2.8788	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	922467	250.0000	3.0789	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	1395369	375.0000	2.9830	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	1836967	500.0000	3.0651	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Toluene %RSE = 7.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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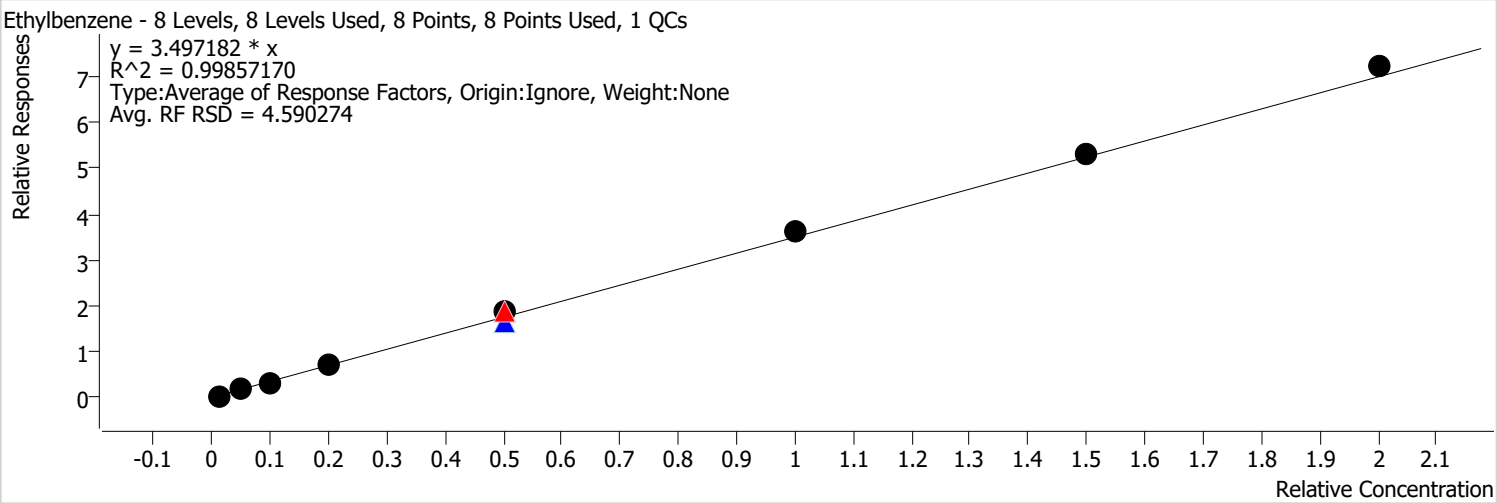
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	129489	50.0000	2.2092	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	343230	125.0000	2.2752	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	294430	125.0000	1.9804	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	343230	125.0000	2.2752	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	664460	250.0000	2.2177	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	1014549	375.0000	2.1689	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	1323337	500.0000	2.2081	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Ethylbenzene %RSE = 4.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	211275	50.0000	3.6045	
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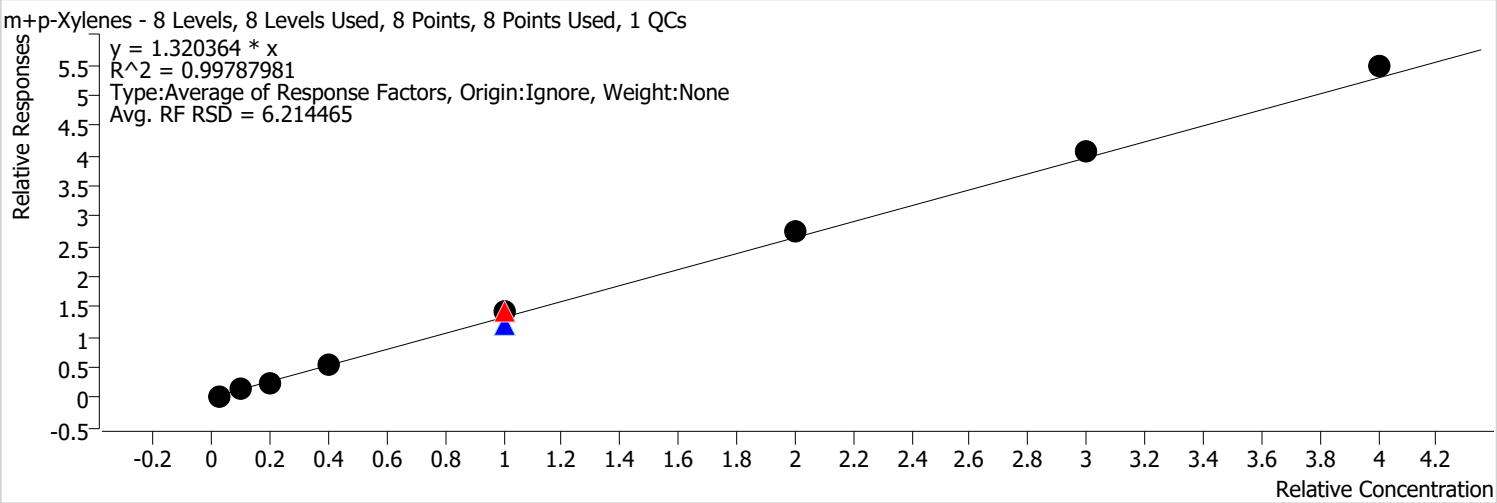
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	486146	125.0000	3.2699	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	557740	125.0000	3.6971	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	1079825	250.0000	3.6041	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	1651315	375.0000	3.5302	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	2161588	500.0000	3.6067	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

m+p-Xylenes %RSE = 6.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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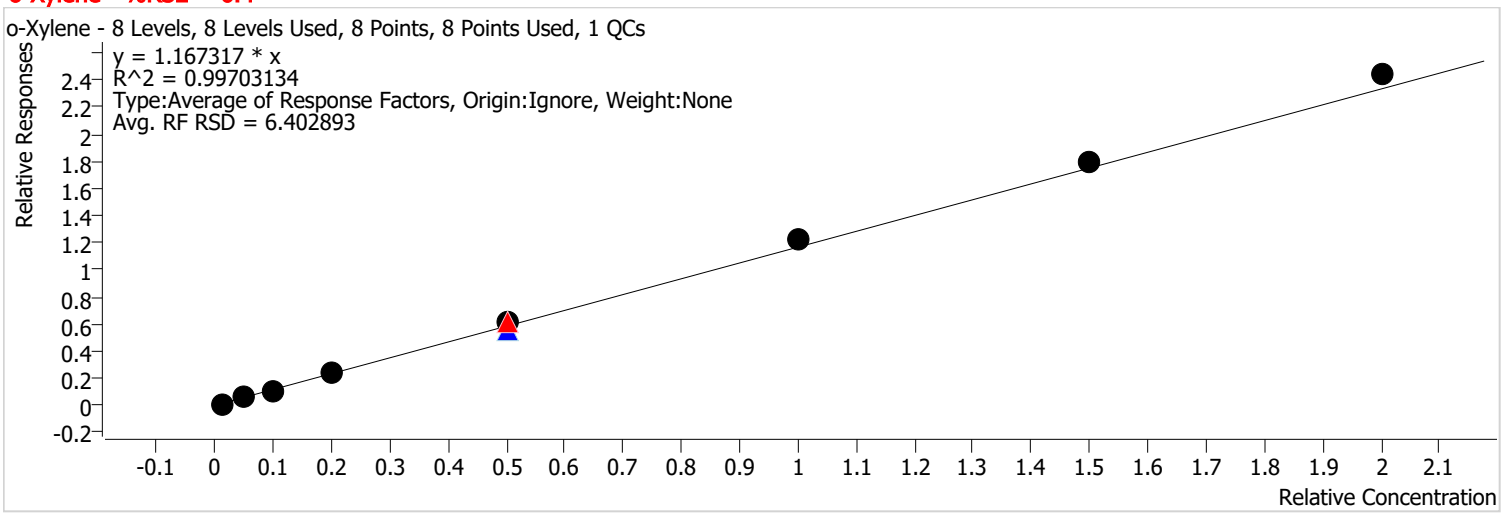
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	76896	50.0000	1.2522	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	161764	100.0000	1.3799	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	427740	250.0000	1.4177	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	362075	250.0000	1.2177	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	427740	250.0000	1.4177	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	822284	500.0000	1.3723	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	1262087	750.0000	1.3490	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	1637853	1000.0000	1.3664	

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

o-Xylene %RSE = 6.4

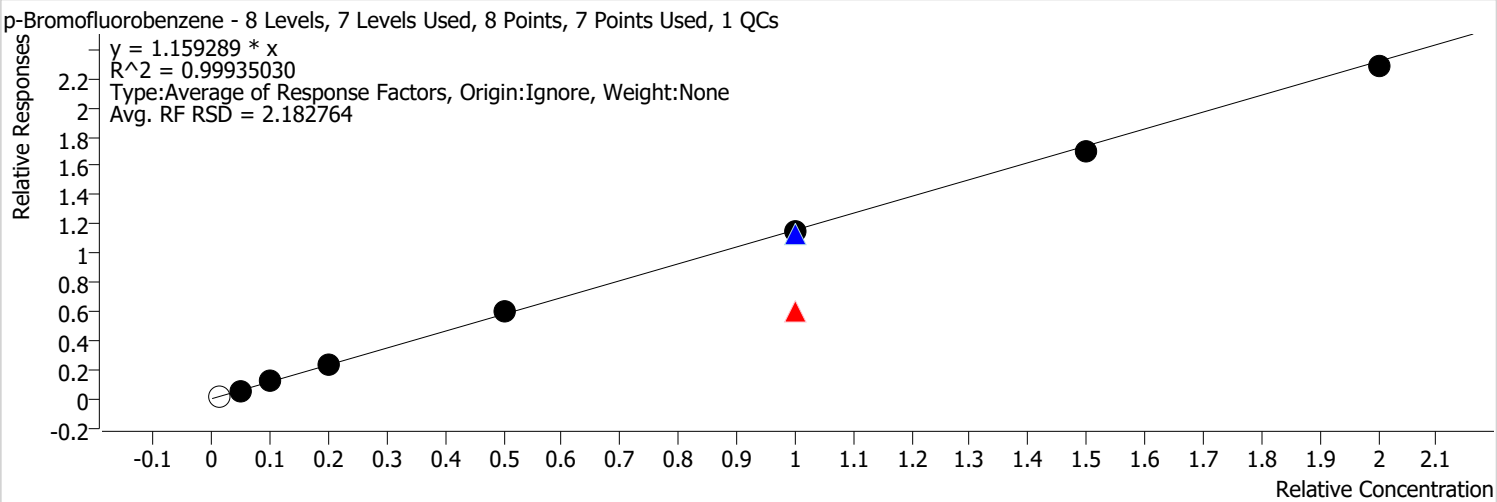


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC06.D	Calibration	1	x	3154	2.5000	1.0506	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	Calibration	2	x	16989	12.5000	1.1122	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	33140	25.0000	1.0793	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	71156	50.0000	1.2140	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	188039	125.0000	1.2465	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	165978	125.0000	1.1164	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	188039	125.0000	1.2465	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	364992	250.0000	1.2182	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	560487	375.0000	1.1982	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	730880	500.0000	1.2195	

Calibration Report

Batch Path	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin		
Analysis Time	12/8/2021 10:17 AM	**Analyst Name**	BL2000\steve
Report Time	12/8/2021 10:19:43 AM	**Reporter Name**	BL2000\steve
Last Calib Update	12/6/2021 11:27 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

p-Bromofluorobenzene %RSE =

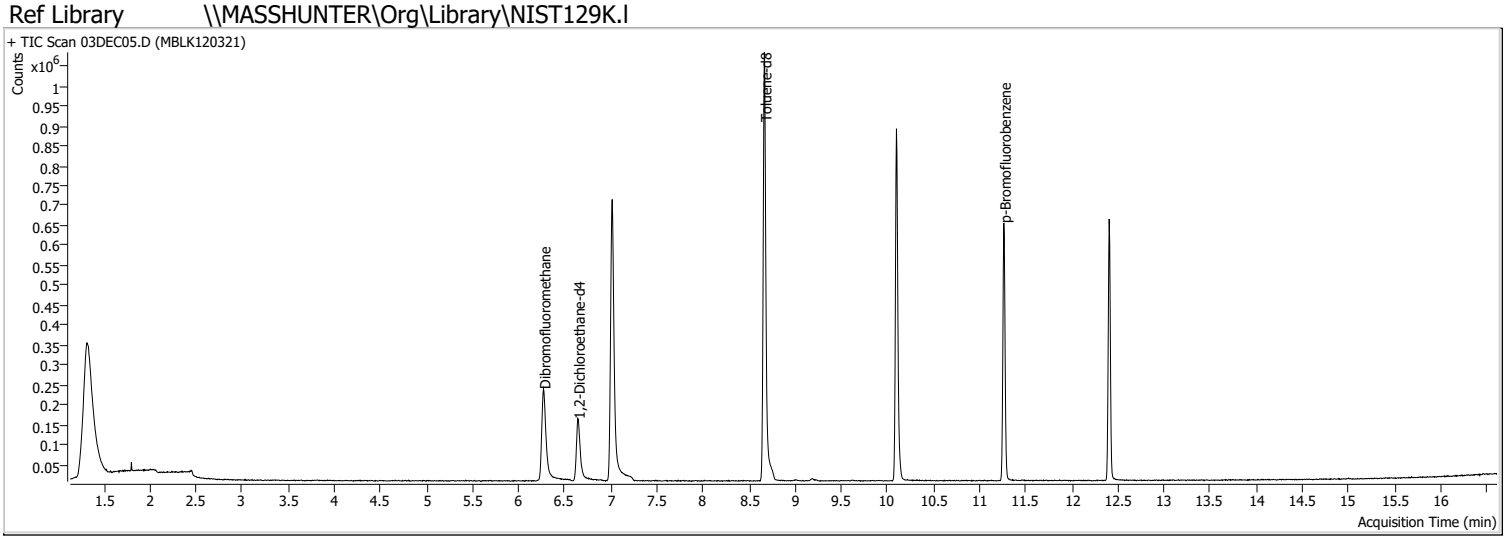


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC06.D	Calibration	1		3827	2.5000	1.9280	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D	Calibration	2	x	11660	12.5000	1.1568	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D	Calibration	3	x	22902	25.0000	1.1419	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D	Calibration	4	x	46121	50.0000	1.1891	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D	Calibration	5	x	124320	125.0000	1.2009	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\CC03DEC11.D	CC	CC	x	124320	250.0000	0.6004	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC19.D	QC	QC	x	222507	250.0000	1.1321	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D	Calibration	6	x	232375	250.0000	1.1463	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D	Calibration	7	x	365345	375.0000	1.1392	
D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D	Calibration	8	x	475104	500.0000	1.1409	

Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	03DEC05.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 12:46:00 PM
Sample Name	MBLK120321	Instrument	GC/MS Ins
Vial	5	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

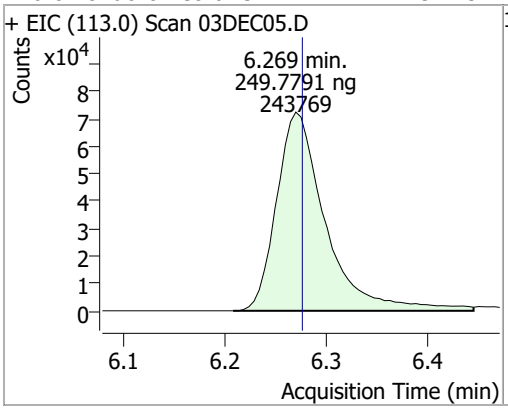


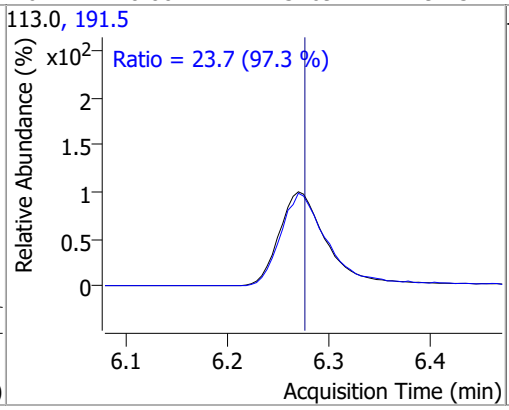
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.014	96.0	978236	250.0000	ng	0.000
M Chlorobenzene-d5	10.097	82.0	301164	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	192343	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	6.269	113.0	243769	249.7791	ng	-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.91%		
S 1,2-Dichloroethane-d4	6.642	67.0	87169	233.0223	ng	-0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 93.21%		
S Toluene-d8	8.664	98.0	875349	236.5519	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.62%		
S p-Bromofluorobenzene	11.261	95.0	223429	250.5021	ng	0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.20%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

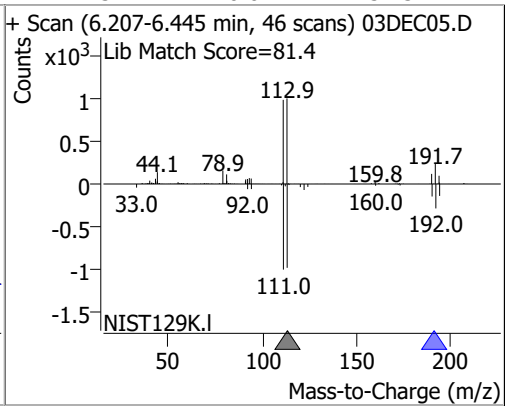
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

Quantitation Results Report (QT Reviewed)

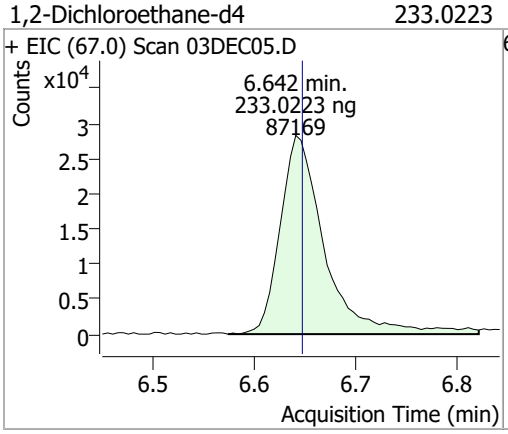
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	249.7791	6.27	0.00	243769	191.5	23.7	0.0	54.3

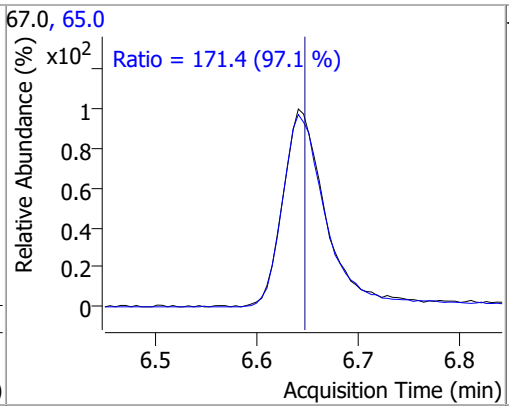


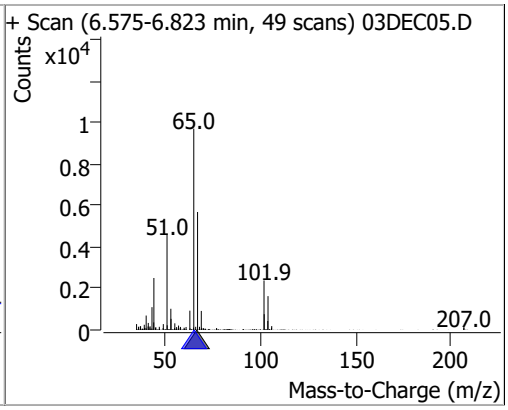




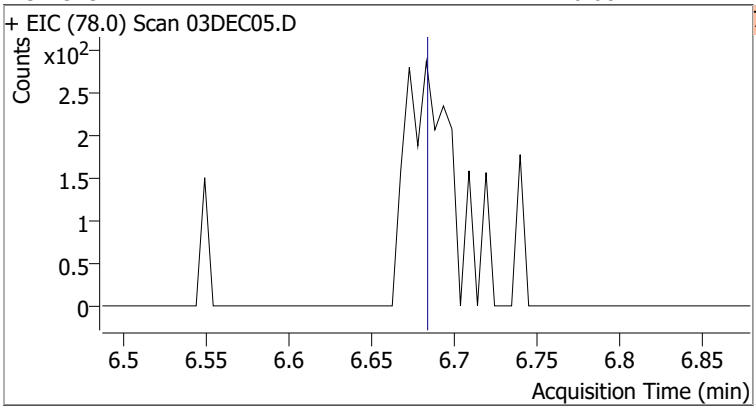
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	233.0223	6.64	0.00	87169	65.0	171.4	146.6	206.6

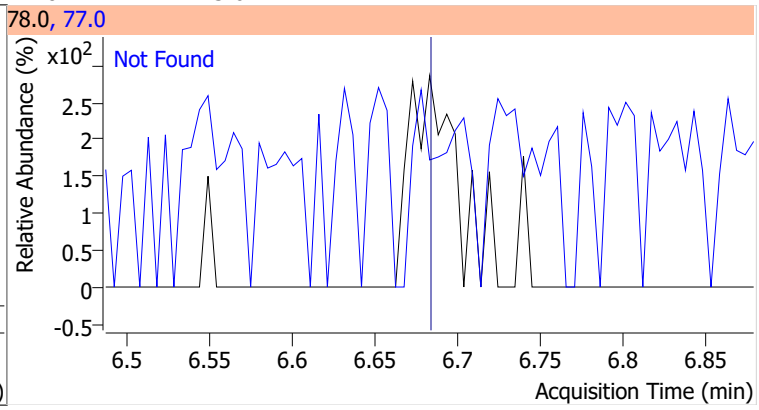




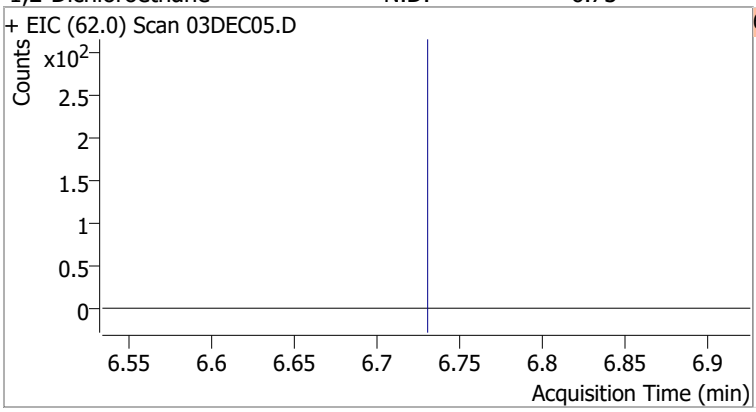


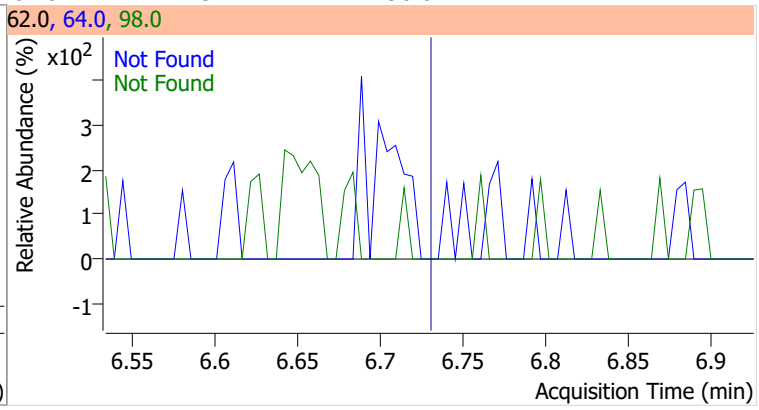
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



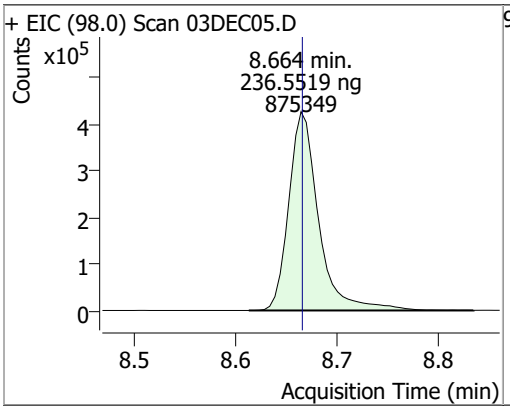


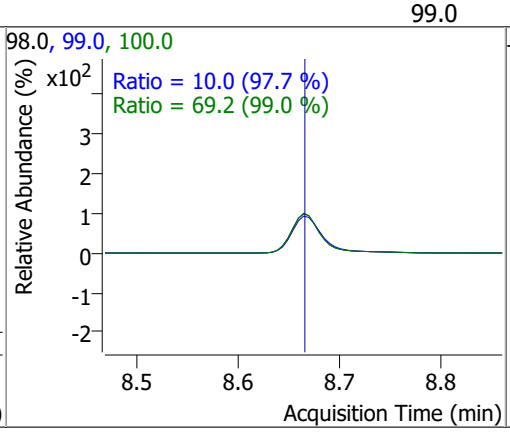
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

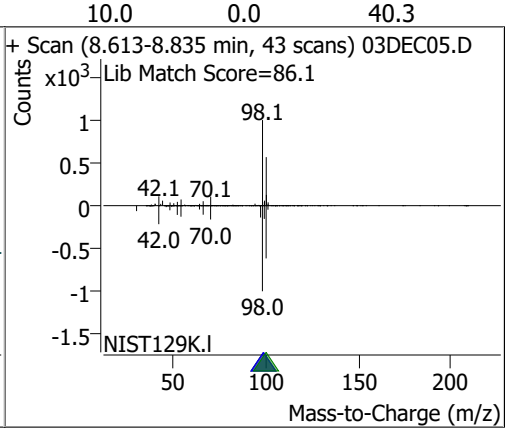




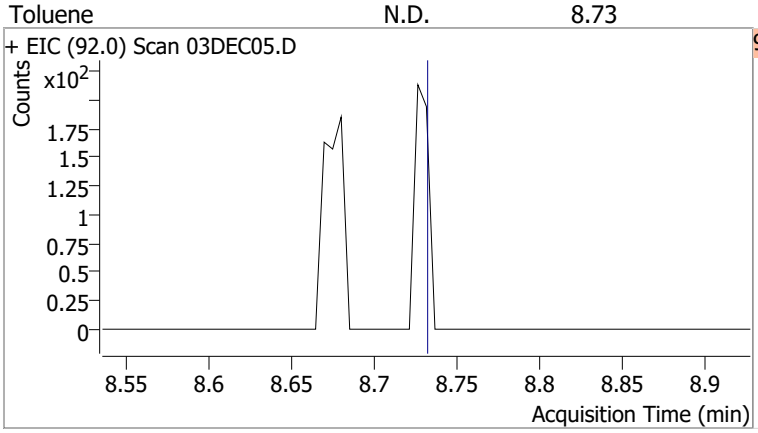
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	236.5519	8.66	0.00	875349	100.0	69.2	39.9	99.9
					99.0	10.0	0.0	40.3

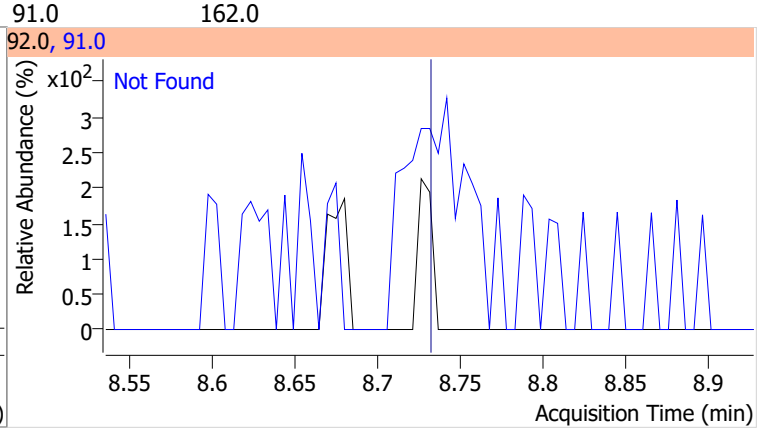




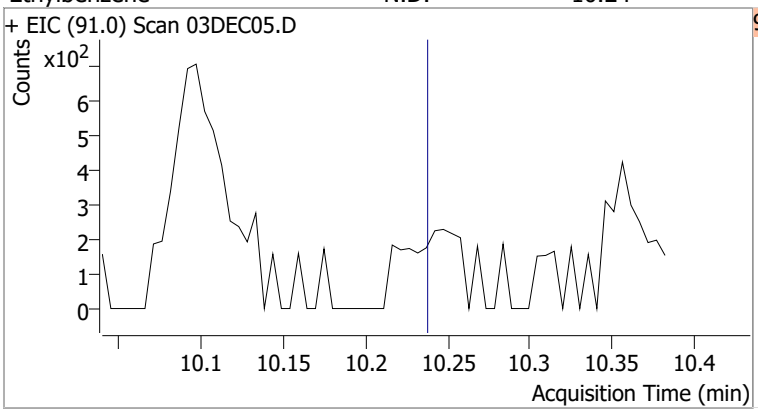


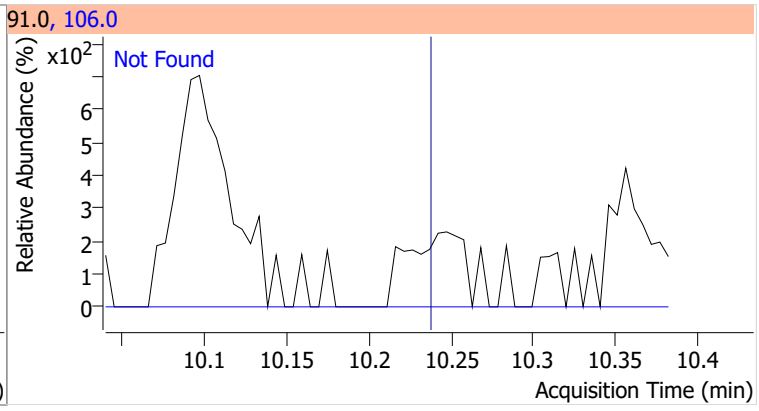
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



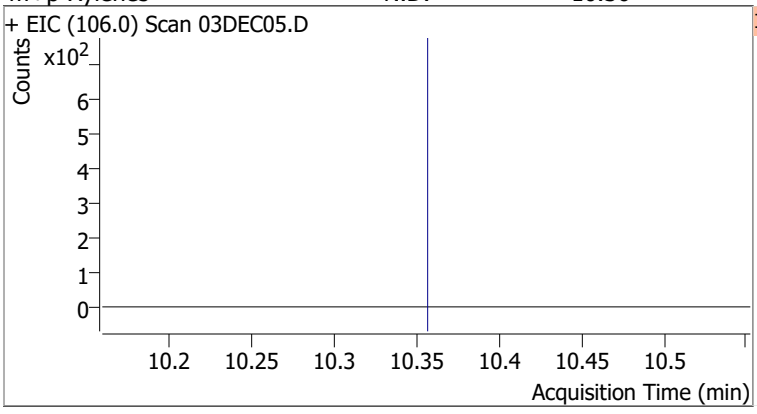


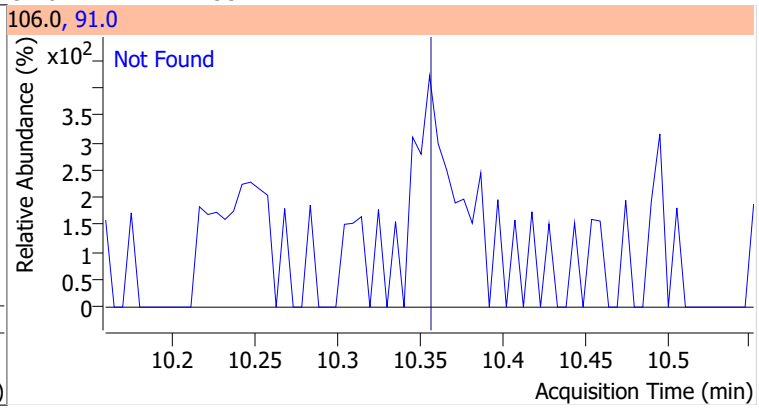
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



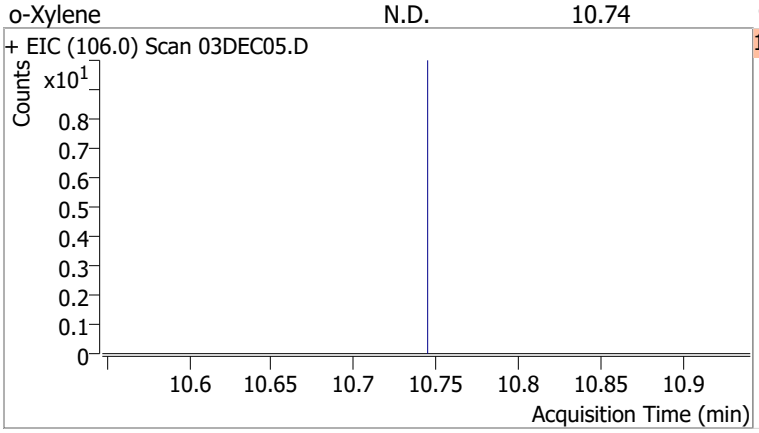


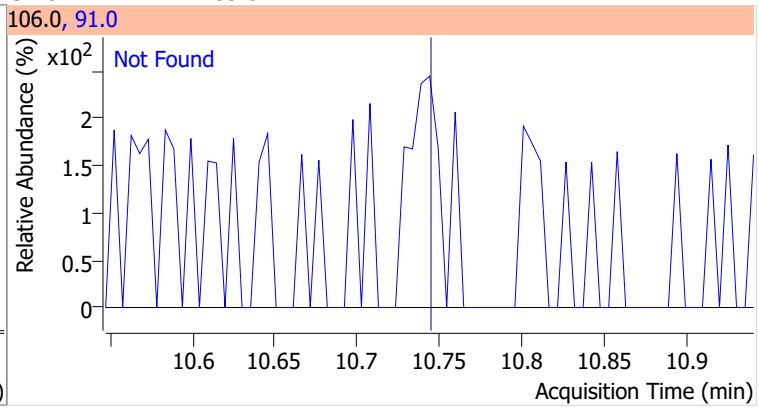
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



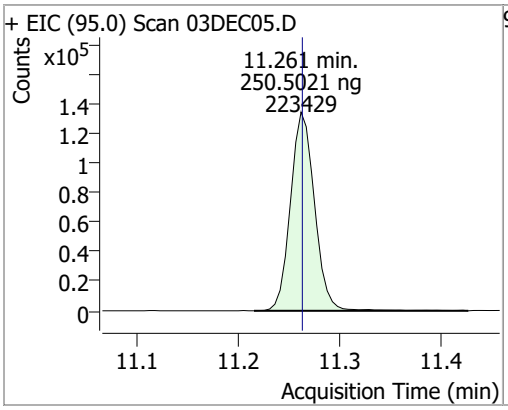


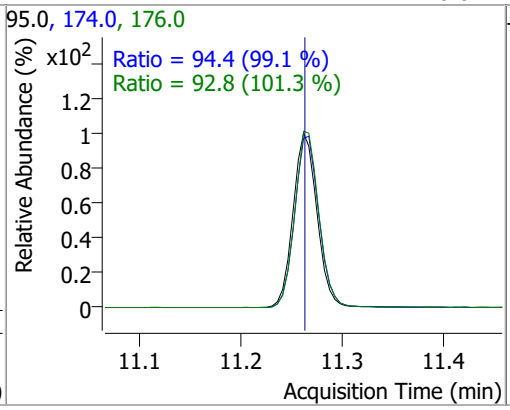
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

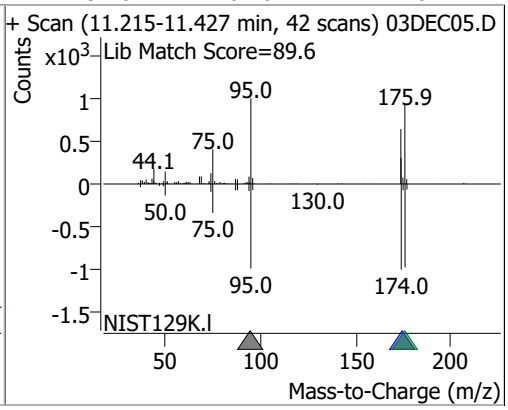




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	250.5021	11.26	0.00	223429	174.0	94.4	65.3	125.3
					176.0	92.8	61.6	121.6



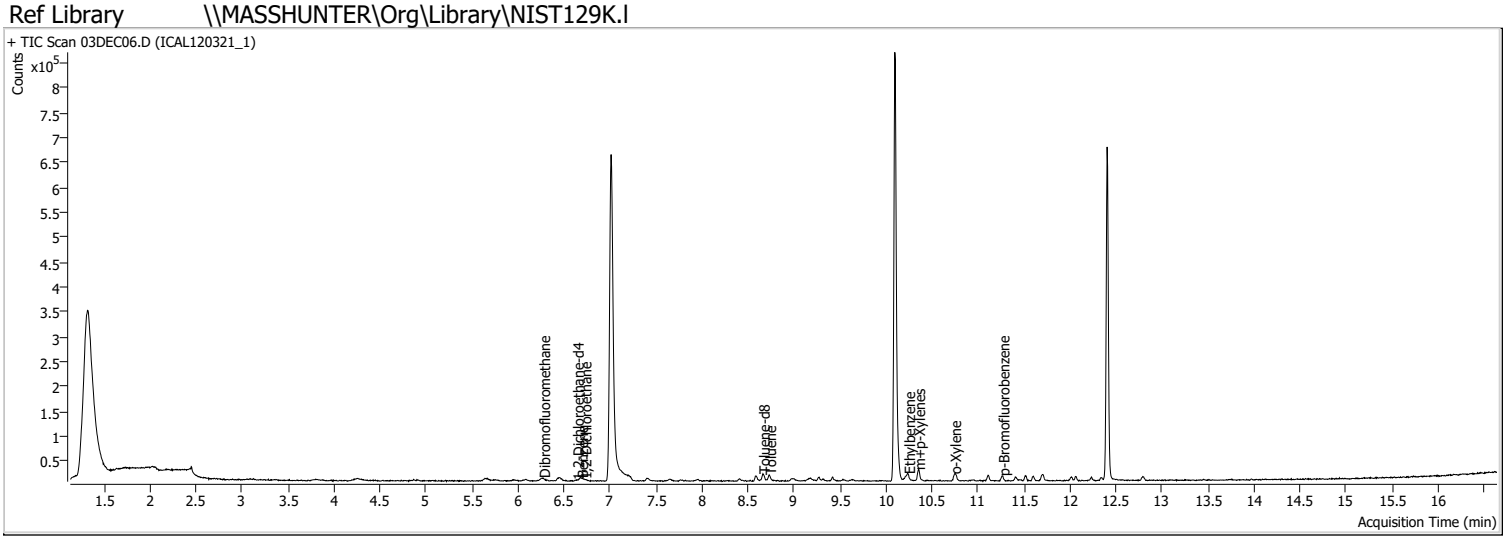




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

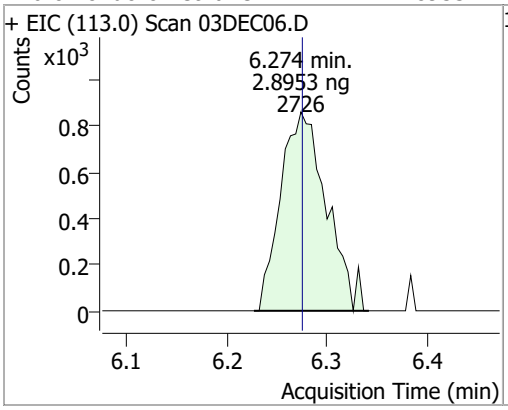
Data File	03DEC06.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 1:11:00 PM
Sample Name	ICAL120321_1	Instrument	GC/MS Ins
Vial	6	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

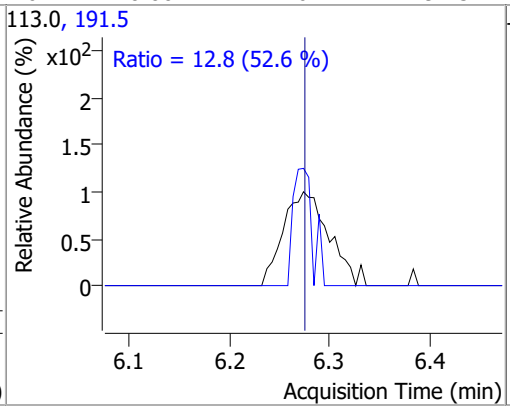


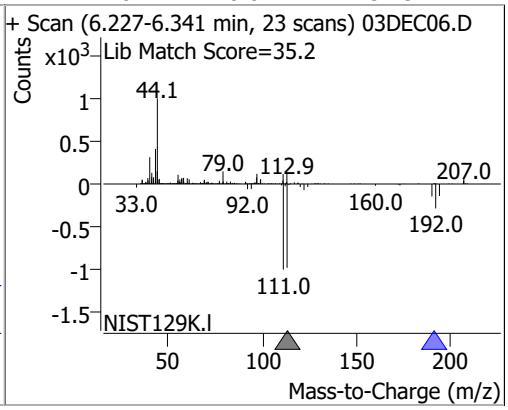
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.013	96.0	943754	250.0000	ng		0.000
M Chlorobenzene-d5	10.096	82.0	300204	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	198498	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	6.274	113.0	2726	2.8953	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 1.16%		*	
S 1,2-Dichloroethane-d4	6.641	67.0	1796	4.9770	ng	#m	-0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 1.99%		*	
S Toluene-d8	8.664	98.0	10585	2.8696	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 1.15%		*	
S p-Bromofluorobenzene	11.266	95.0	3827	4.1577	ng		0.005
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 1.66%		*	
Target Compounds							**QValue**
T Benzene	6.688	78.0	9610	2.4439	ng		69
T 1,2-Dichloroethane	6.724	62.0	1534	2.1843	ng	m	75
T Toluene	8.731	92.0	5558	2.1896	ng		79
T Ethylbenzene	10.241	91.0	10013	2.3843	ng		97
T m+p-Xylenes	10.350	106.0	7173	4.5241	ng		97
T o-Xylene	10.743	106.0	3154	2.2501	ng		86

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

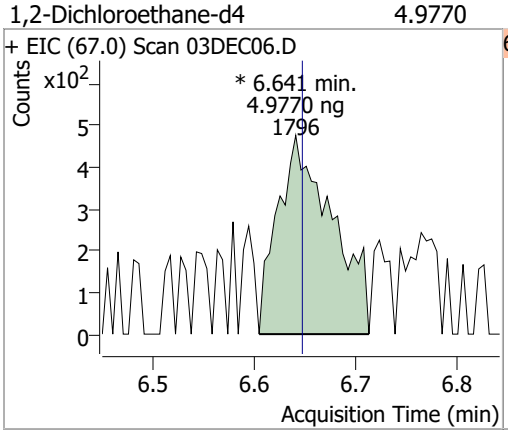
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	2.8953	6.27	0.00	2726	191.5	12.8	0.0	54.3

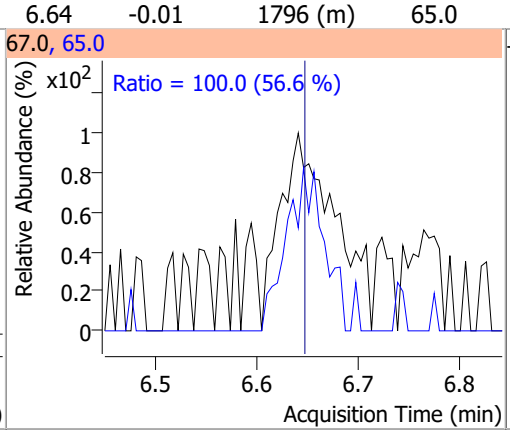


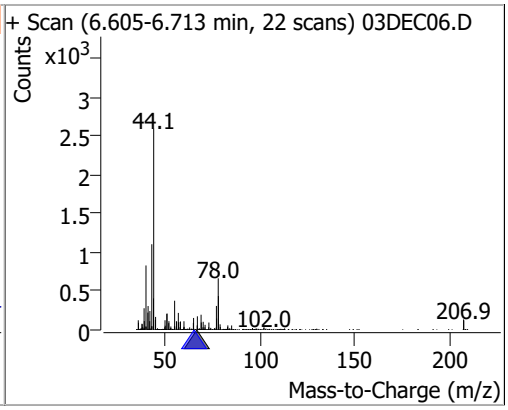




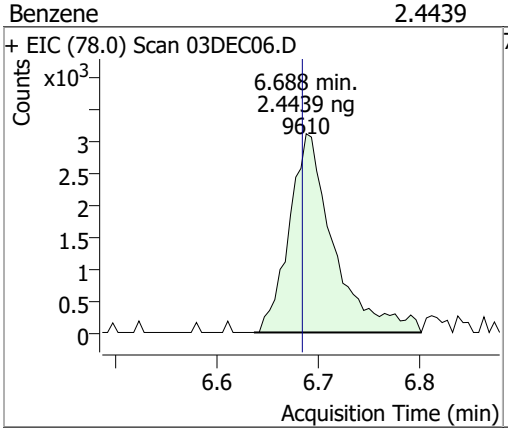
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	4.9770	6.64	-0.01	1796 (m)	65.0	100.0	146.6	206.6

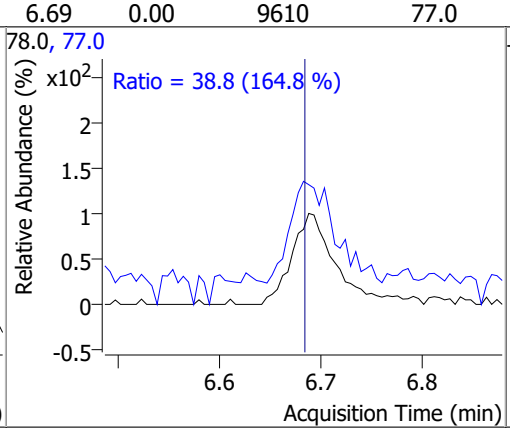


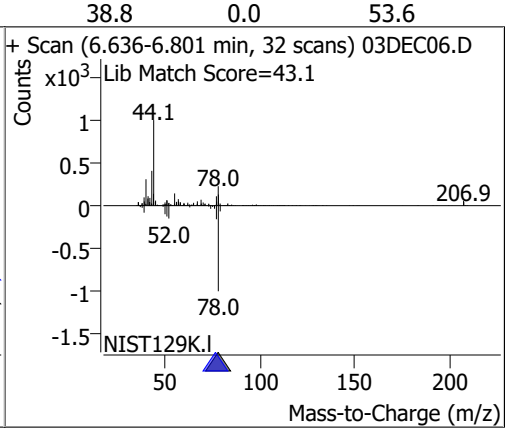




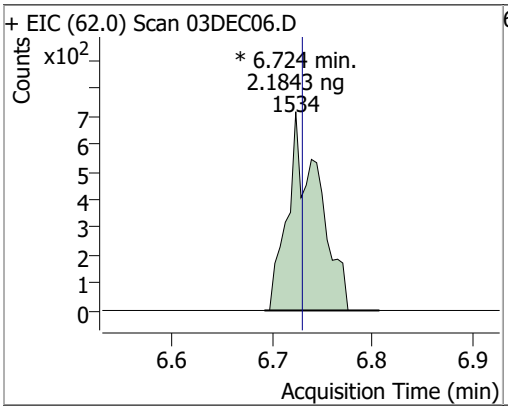
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	2.4439	6.69	0.00	9610	77.0	38.8	0.0	53.6

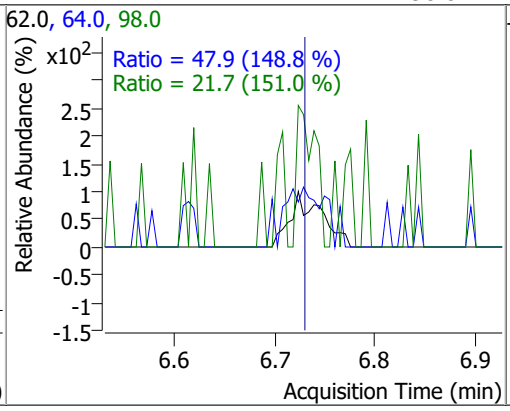


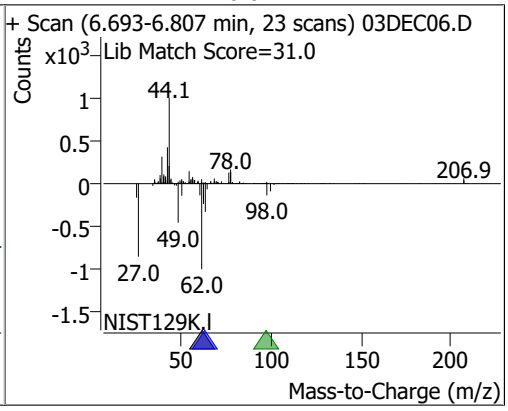




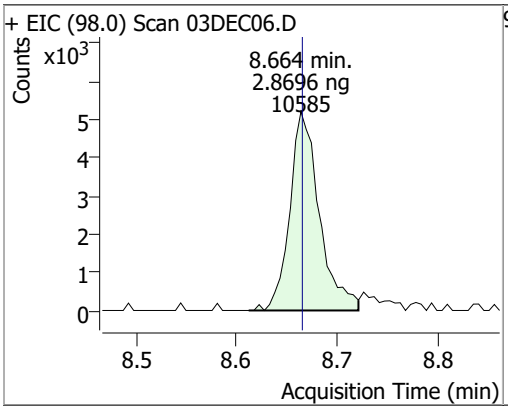
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	2.1843	6.72	-0.01	1534 (m)	64.0	47.9	2.2	62.2
					98.0	21.7	0.0	44.4

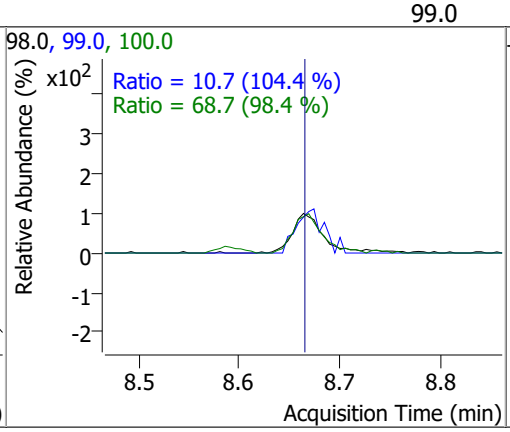


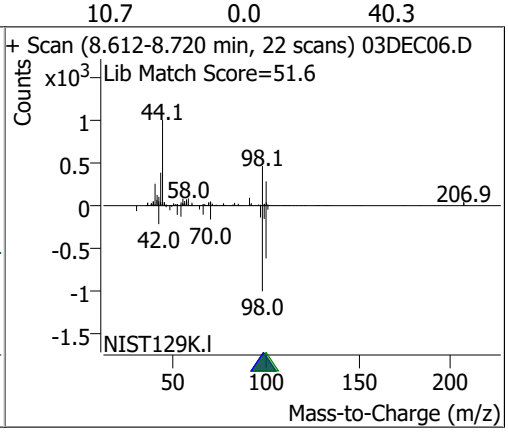




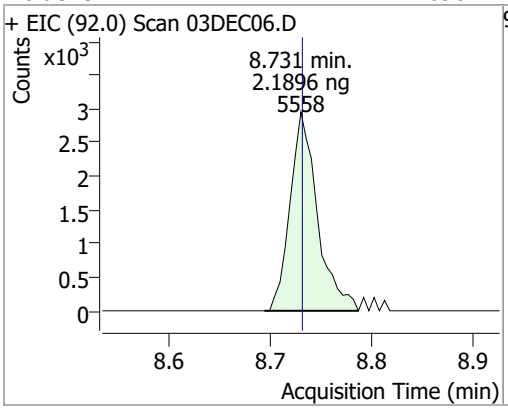
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	2.8696	8.66	0.00	10585	100.0	68.7	39.9	99.9
					99.0	10.7	0.0	40.3

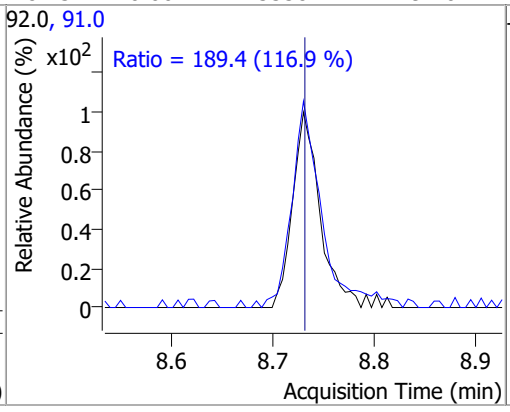


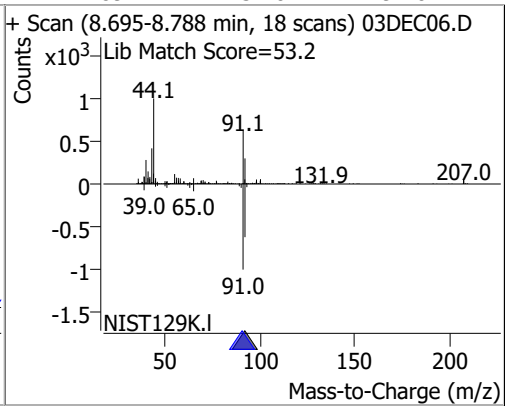




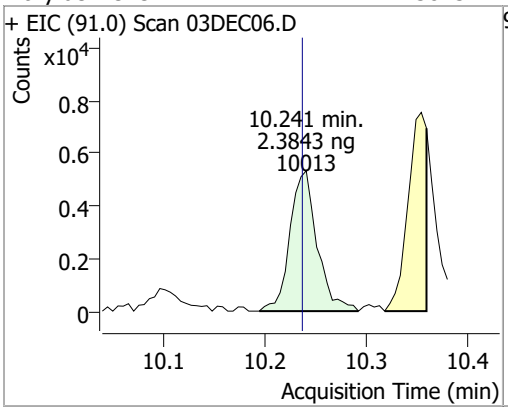
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.1896	8.73	0.00	5558	91.0	189.4	132.0	192.0

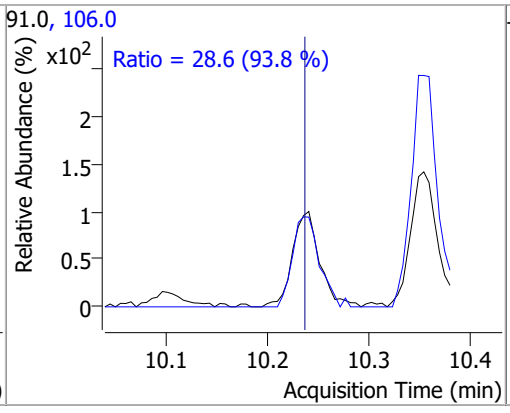


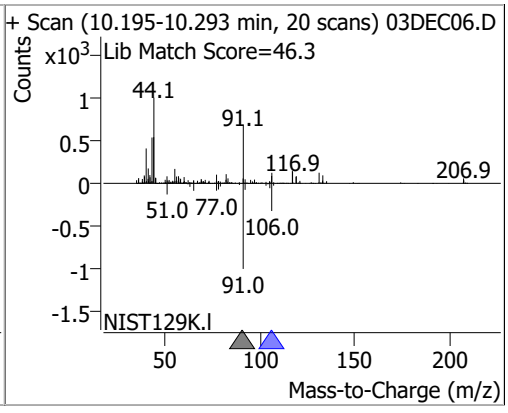




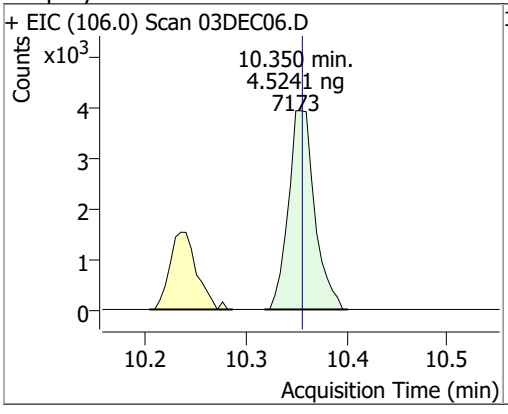
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	2.3843	10.24	0.00	10013	106.0	28.6	0.4	60.4

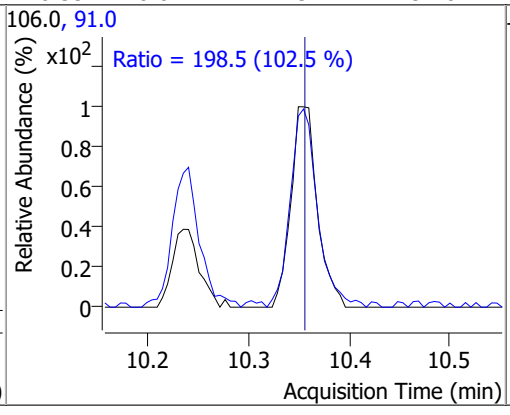


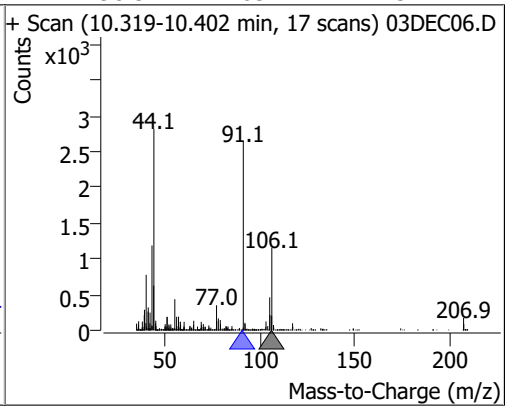




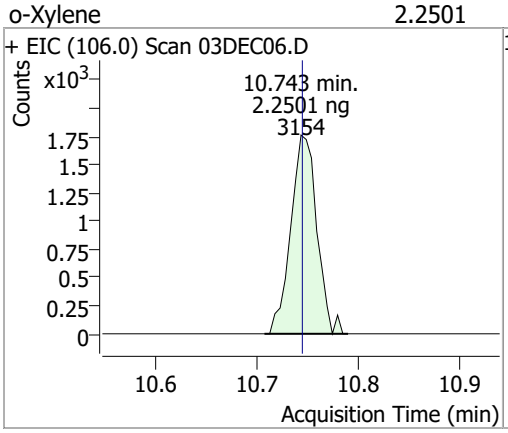
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	4.5241	10.35	-0.01	7173	91.0	198.5	163.7	223.7

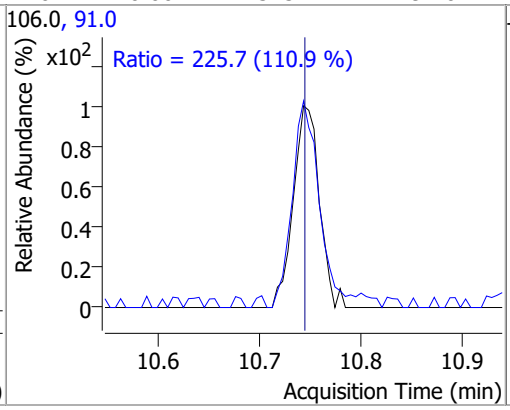


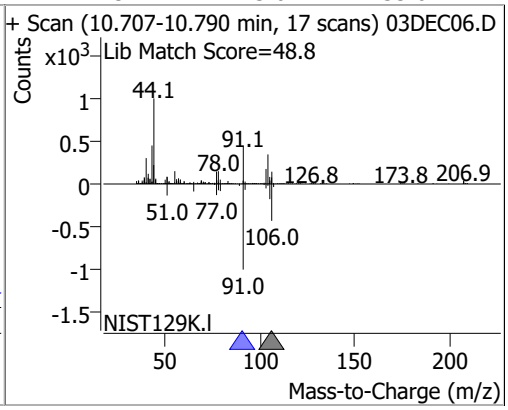




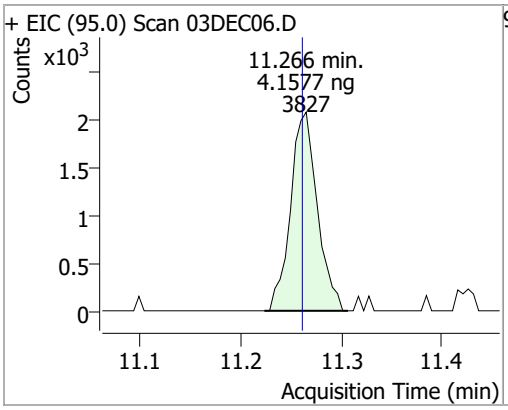
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	2.2501	10.74	0.00	3154	91.0	225.7	173.6	233.6

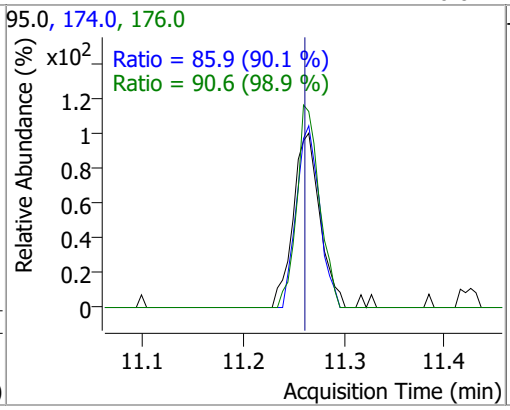


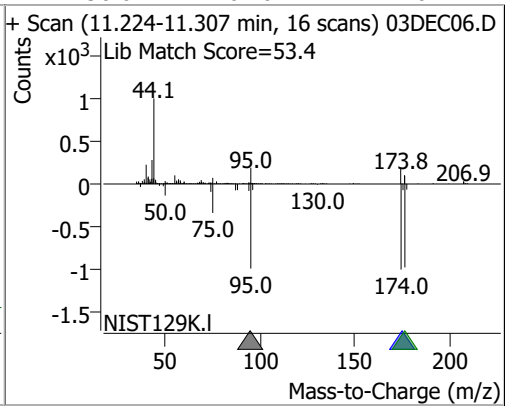




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	4.1577	11.27	0.00	3827	174.0	85.9	65.3	125.3
					176.0	90.6	61.6	121.6

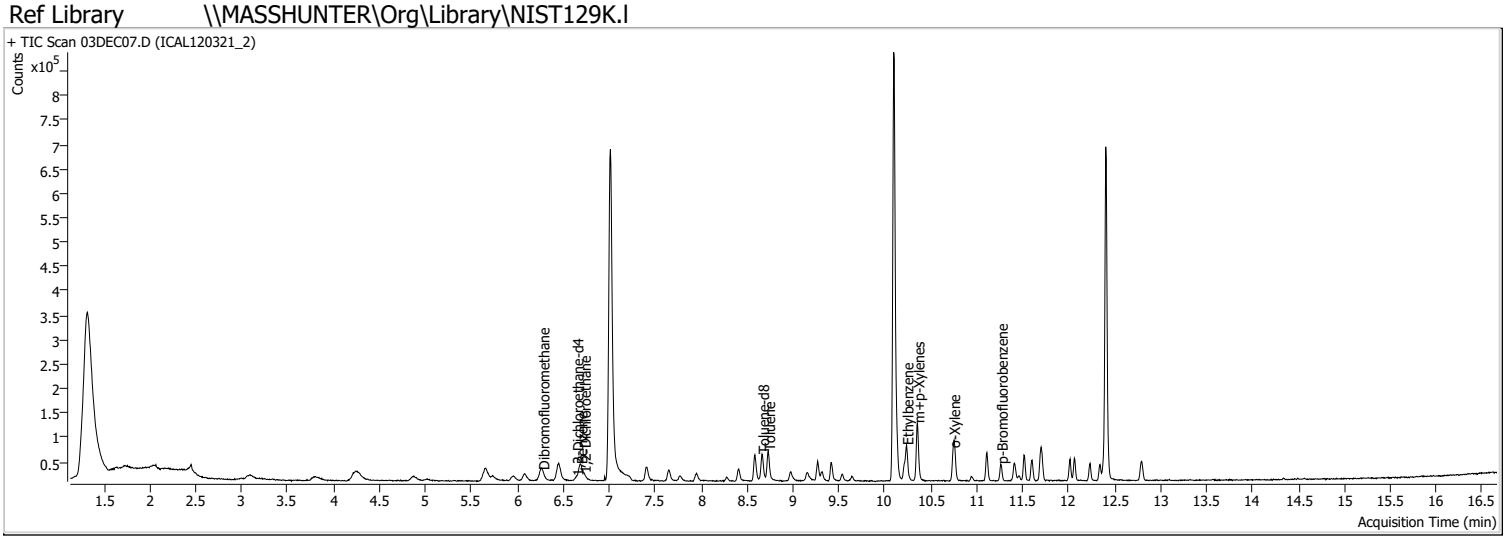






Quantitation Results Report (QT Reviewed)

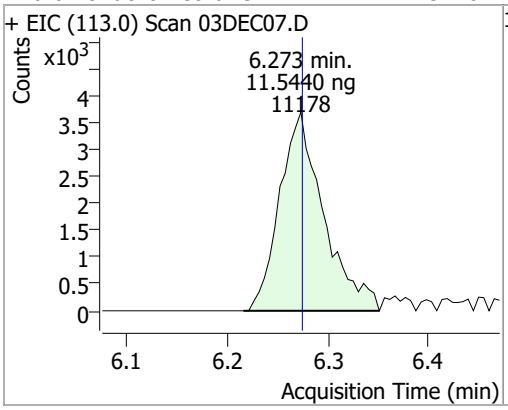
Data File	03DEC07.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 1:37:00 PM
Sample Name	ICAL120321_2	Instrument	GC/MS Ins
Vial	7	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

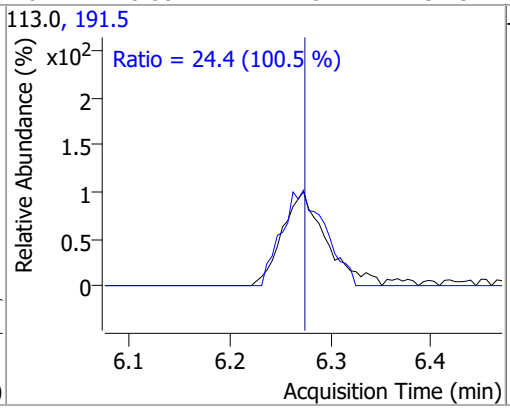


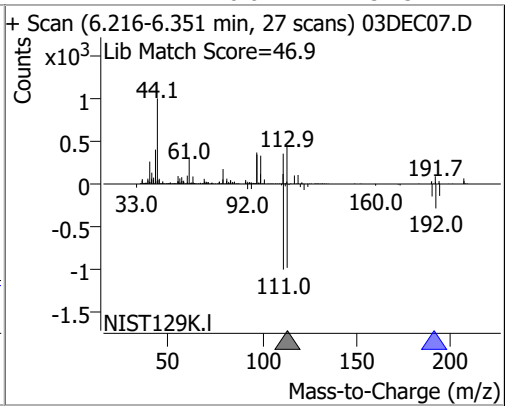
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.013	96.0	970574	250.0000	ng		-0.001
M Chlorobenzene-d5	10.096	82.0	305500	250.0000	ng		-0.001
M 1,4-Dichlorobenzene-d4	12.403	152.0	201585	250.0000	ng		-0.001
System Monitoring Compounds							
S Dibromofluoromethane	6.273	113.0	11178	11.5440	ng		-0.001
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 4.62%		*	
S 1,2-Dichloroethane-d4	6.646	67.0	5316	14.3230	ng		-0.001
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 5.73%		*	
S Toluene-d8	8.663	98.0	43443	11.5733	ng		-0.001
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 4.63%		*	
S p-Bromofluorobenzene	11.260	95.0	11660	12.4735	ng		-0.001
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 4.99%		*	
Target Compounds							**QValue**
T Benzene	6.687	78.0	48600	12.0178	ng		97
T 1,2-Dichloroethane	6.723	62.0	8710	12.0637	ng		91
T Toluene	8.730	92.0	30435	11.7823	ng		96
T Ethylbenzene	10.236	91.0	50572	11.8337	ng		98
T m+p-Xylenes	10.355	106.0	37598	23.3024	ng		93
T o-Xylene	10.743	106.0	16989	11.9099	ng		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

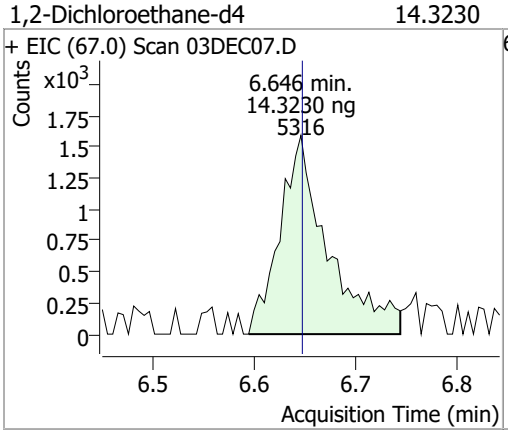
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	11.5440	6.27	0.00	11178	191.5	24.4	0.0	54.3

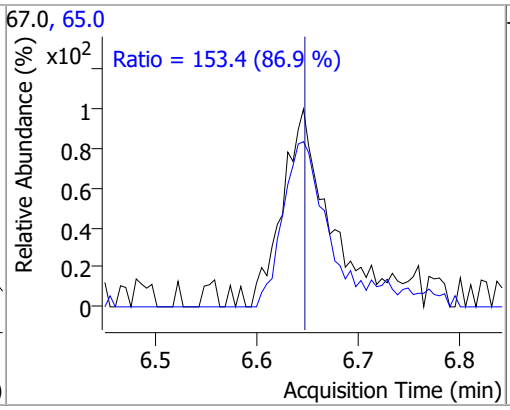


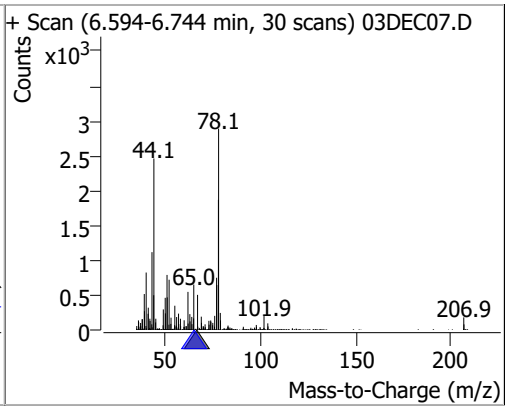




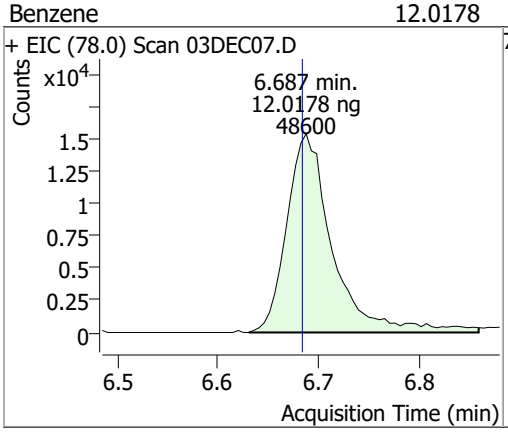
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	14.3230	6.65	0.00	5316	65.0	153.4	146.6	206.6

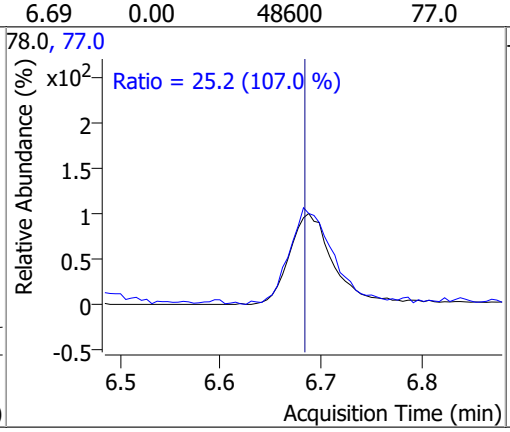


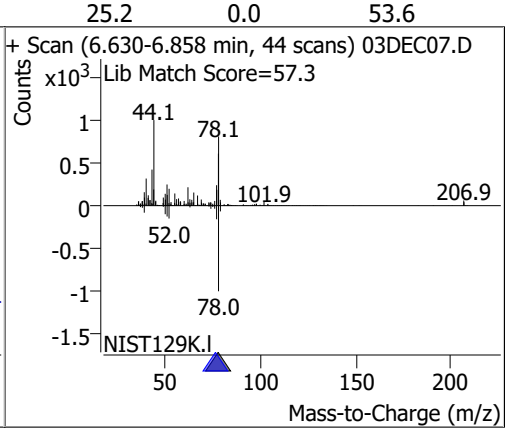




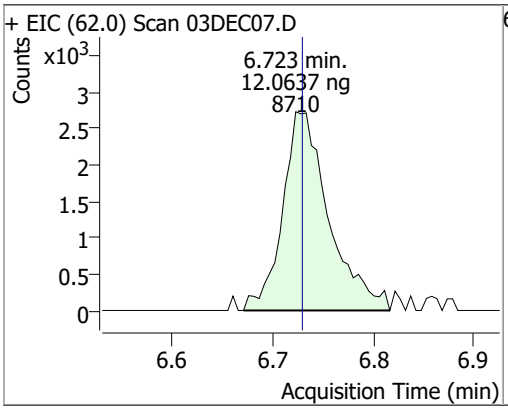
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	12.0178	6.69	0.00	48600	77.0	25.2	0.0	53.6

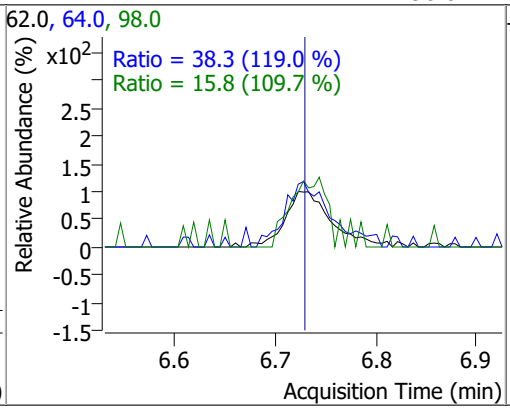


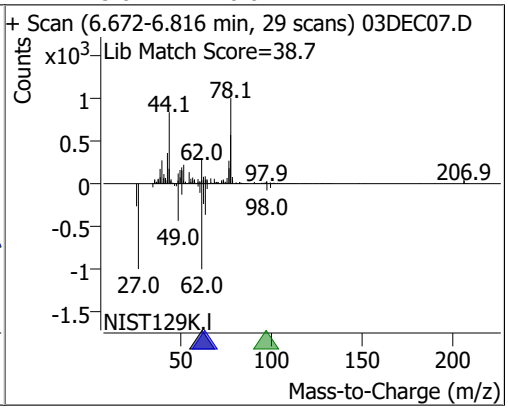




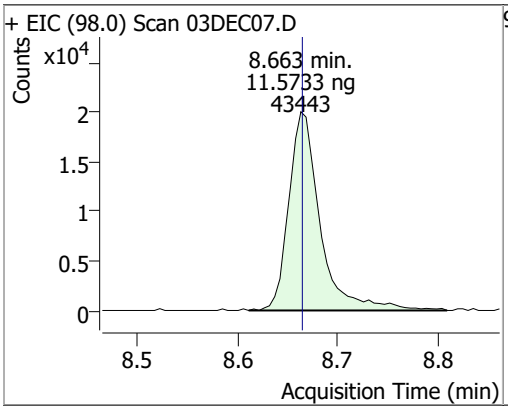
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	12.0637	6.72	-0.01	8710	64.0	38.3	2.2	62.2
					98.0	15.8	0.0	44.4

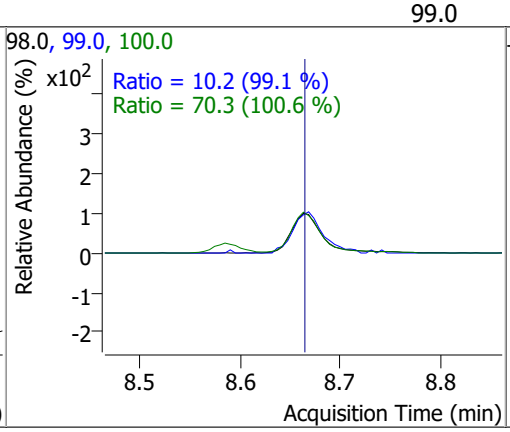


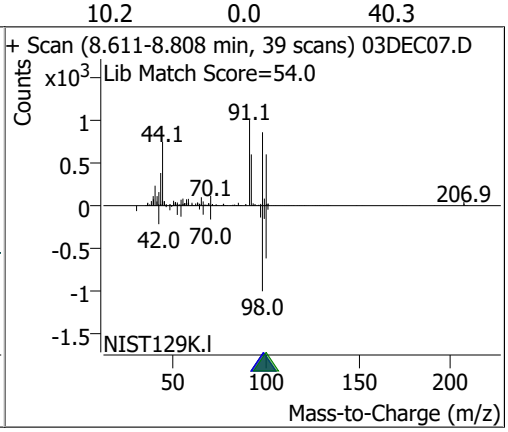




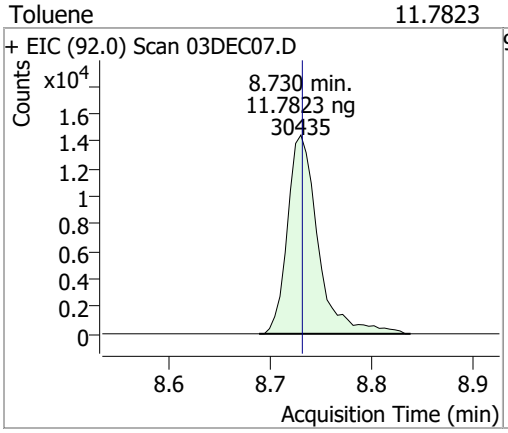
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	11.5733	8.66	0.00	43443	100.0	70.3	39.9	99.9
					99.0	10.2	0.0	40.3

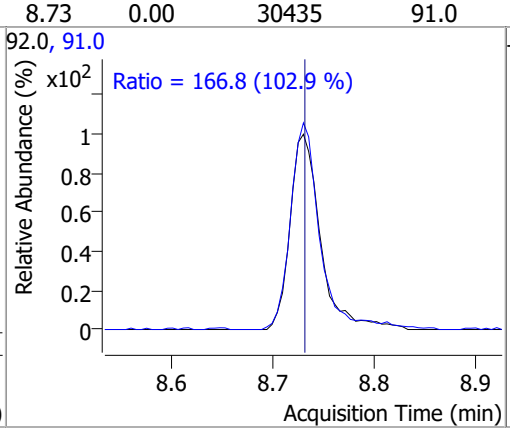


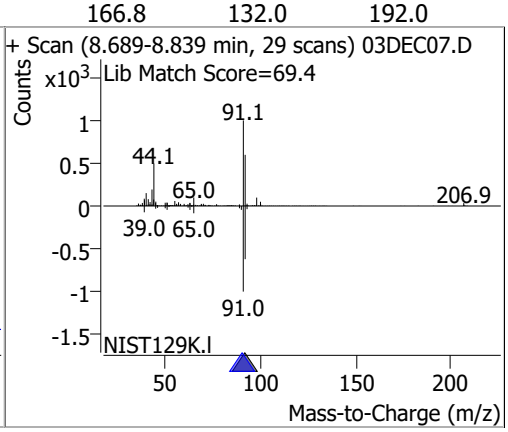




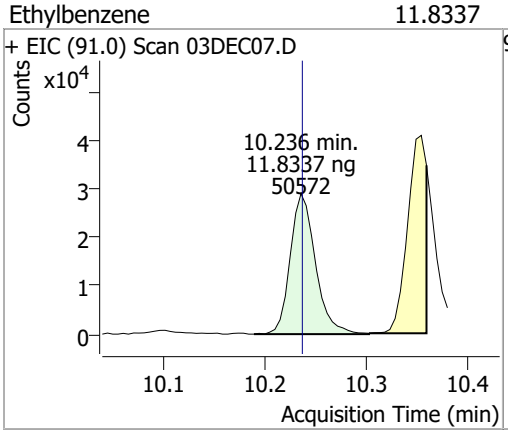
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	11.7823	8.73	0.00	30435	91.0	166.8	132.0	192.0

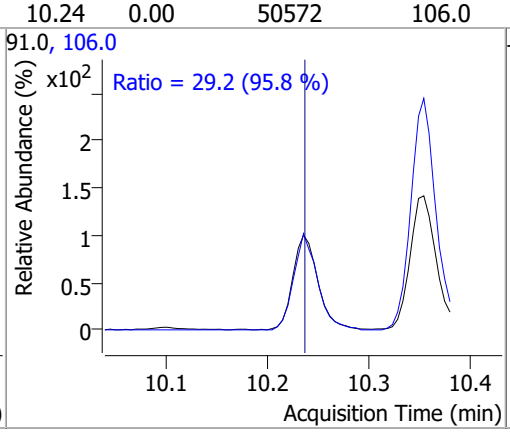


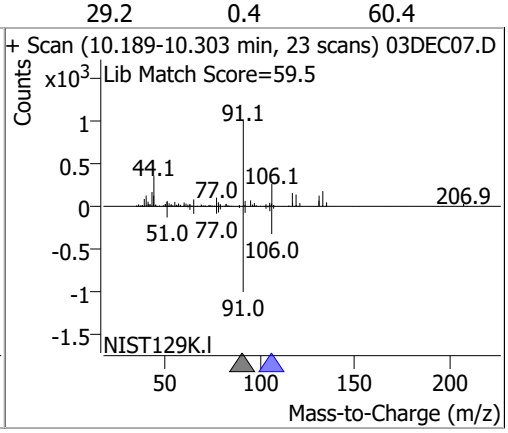




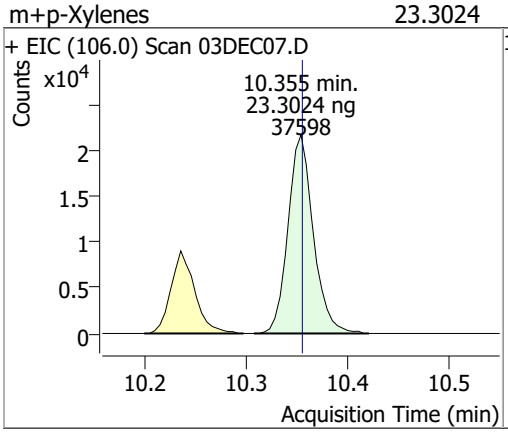
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	11.8337	10.24	0.00	50572	106.0	29.2	0.4	60.4

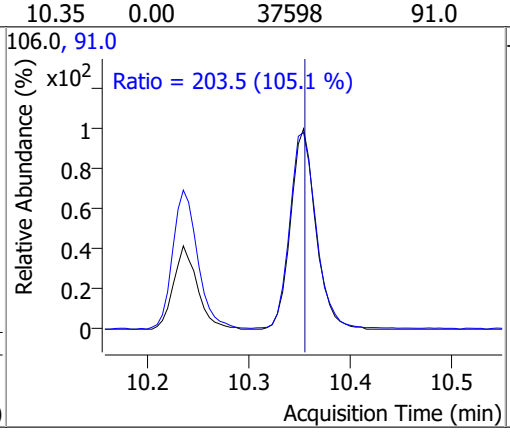


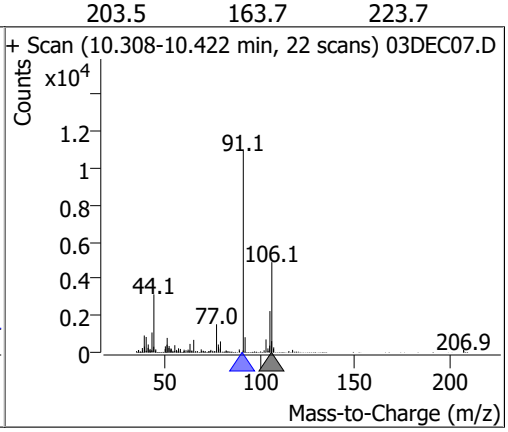




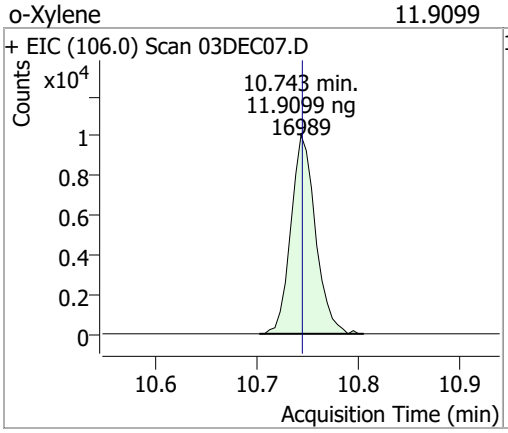
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	23.3024	10.35	0.00	37598	91.0	203.5	163.7	223.7

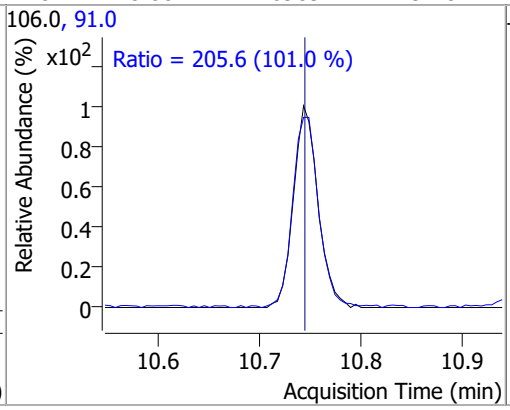


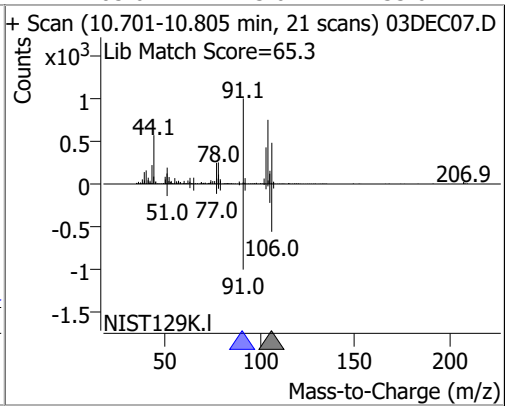




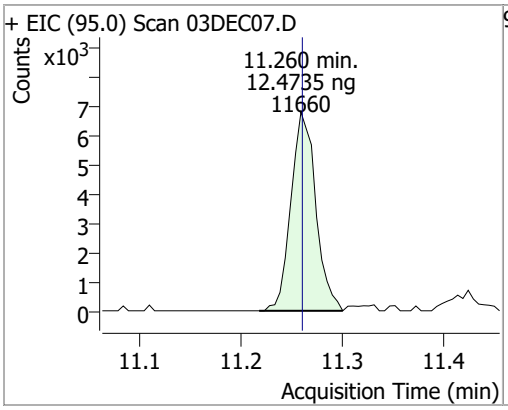
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	11.9099	10.74	0.00	16989	91.0	205.6	173.6	233.6

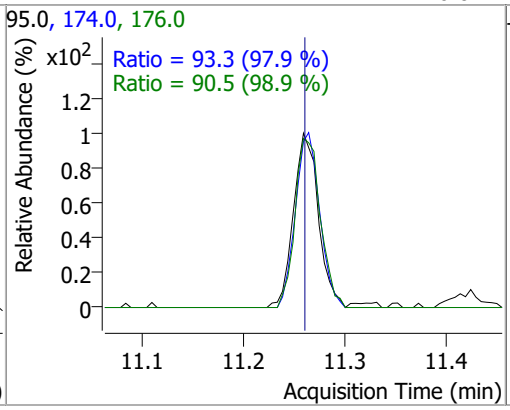


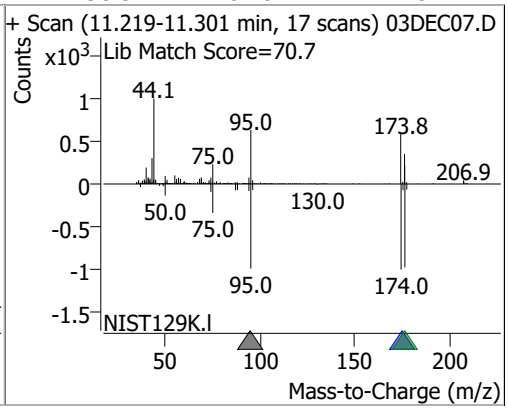




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	12.4735	11.26	0.00	11660	174.0	93.3	65.3	125.3
					176.0	90.5	61.6	121.6

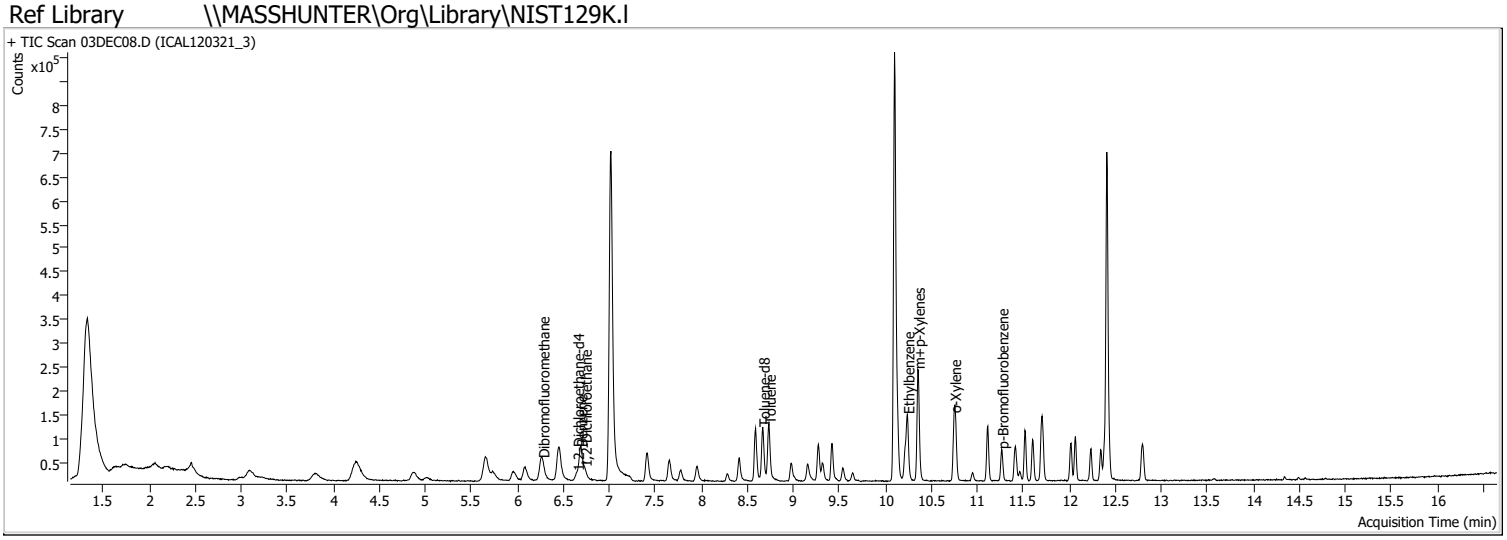






Quantitation Results Report (QT Reviewed)

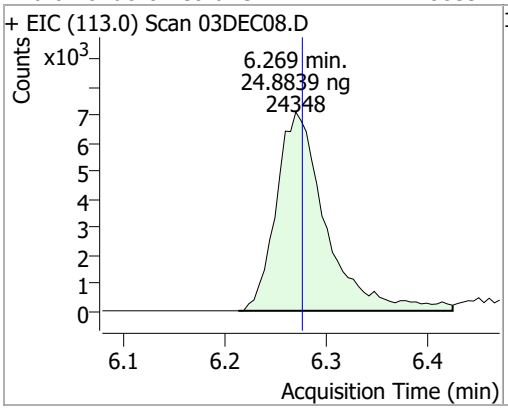
Data File	03DEC08.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 2:02:00 PM
Sample Name	ICAL120321_3	Instrument	GC/MS Ins
Vial	8	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

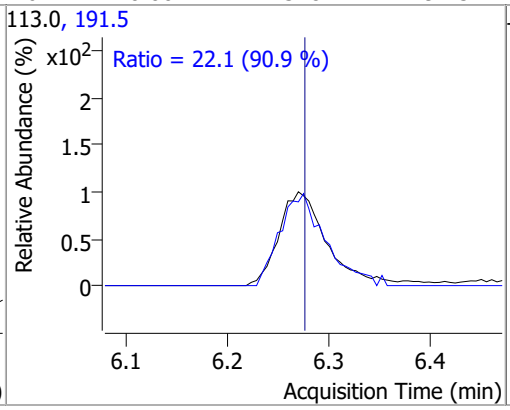


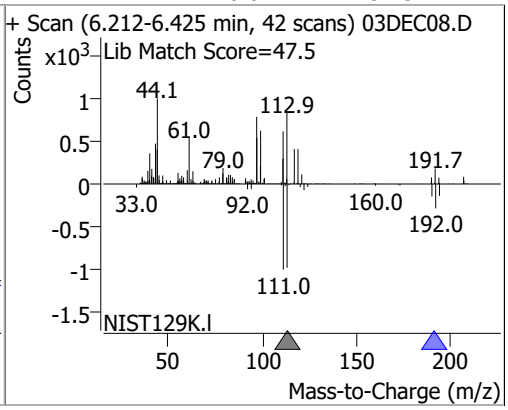
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.014	96.0	980768	250.0000	ng		0.000
M Chlorobenzene-d5	10.097	82.0	307040	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	200565	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	6.269	113.0	24348	24.8839	ng		-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 9.95%		*	
S 1,2-Dichloroethane-d4	6.647	67.0	9326	24.8661	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 9.95%		*	
S Toluene-d8	8.664	98.0	87835	23.2820	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 9.31%		*	
S p-Bromofluorobenzene	11.261	95.0	22902	24.6244	ng		0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 9.85%		*	
Target Compounds							**QValue**
T Benzene	6.683	78.0	98698	24.1524	ng		99
T 1,2-Dichloroethane	6.730	62.0	17102	23.4408	ng		91
T Toluene	8.732	92.0	61031	23.5085	ng		98
T Ethylbenzene	10.237	91.0	100976	23.5096	ng		100
T m+p-Xylenes	10.351	106.0	76896	47.4193	ng		99
T o-Xylene	10.744	106.0	33140	23.1158	ng		93

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

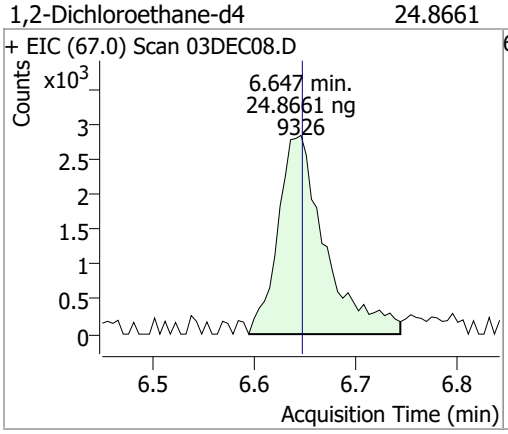
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	24.8839	6.27	0.00	24348	191.5	22.1	0.0	54.3

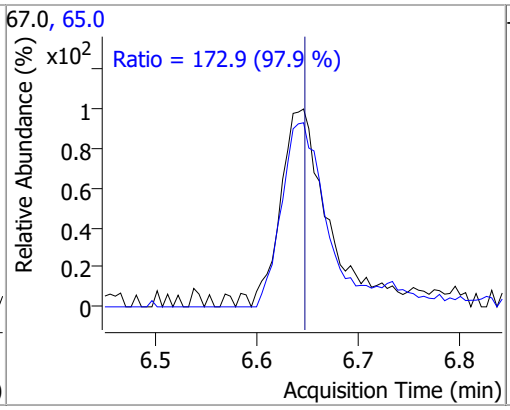


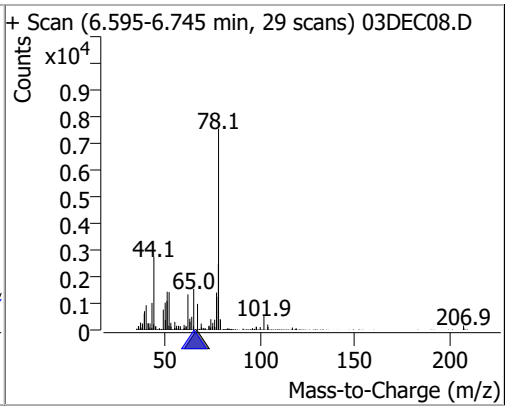




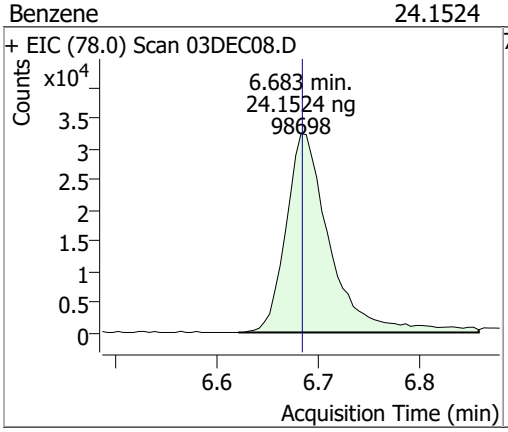
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	24.8661	6.65	0.00	9326	65.0	172.9	146.6	206.6

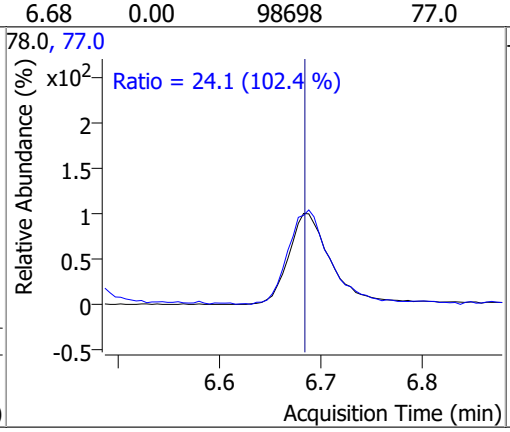


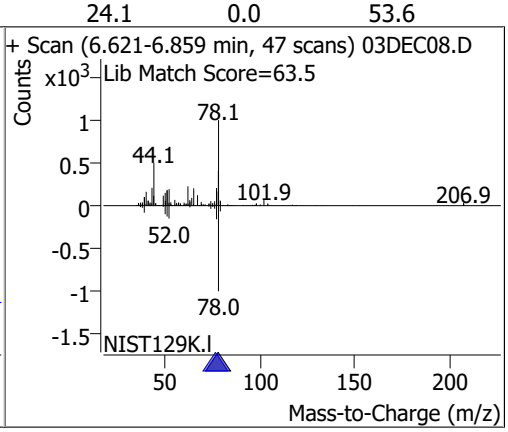




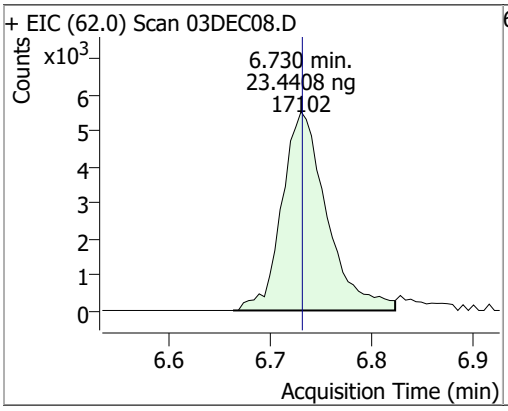
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	24.1524	6.68	0.00	98698	77.0	24.1	0.0	53.6

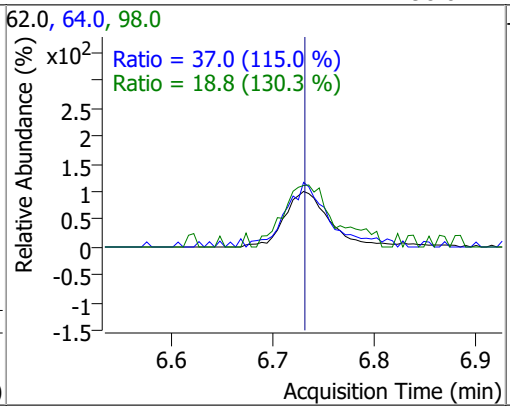


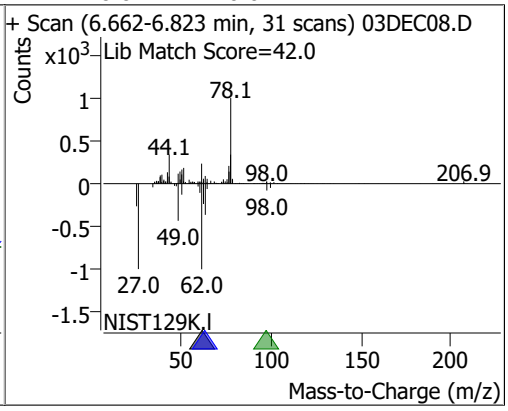




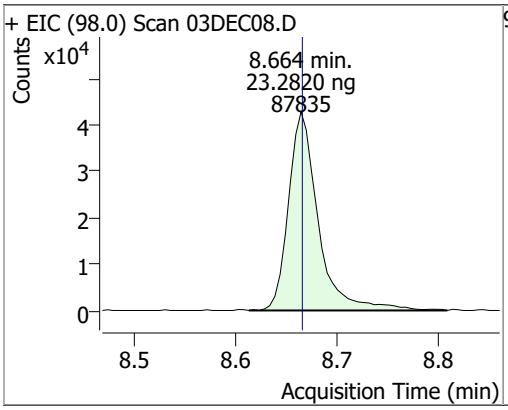
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	23.4408	6.73	0.00	17102	64.0	37.0	2.2	62.2
					98.0	18.8	0.0	44.4

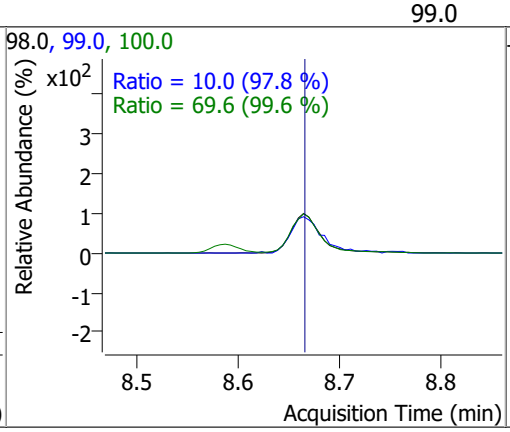


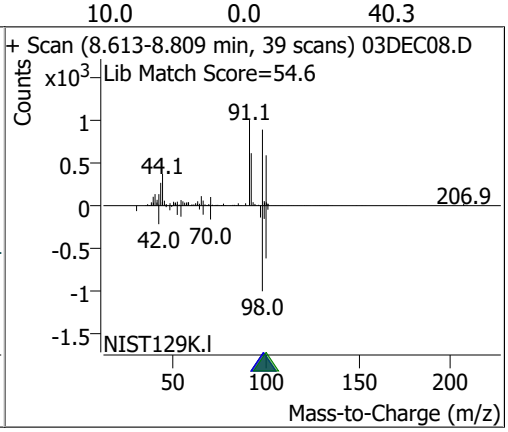




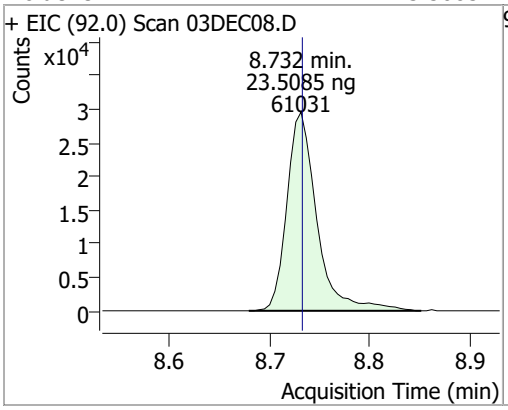
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	23.2820	8.66	0.00	87835	100.0	69.6	39.9	99.9
					99.0	10.0	0.0	40.3

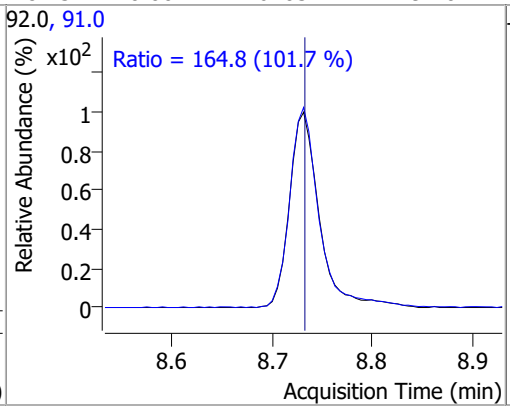


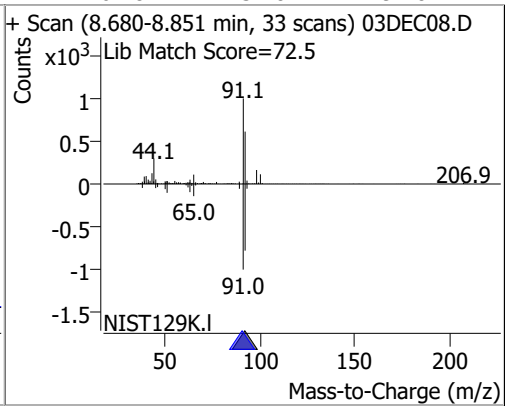




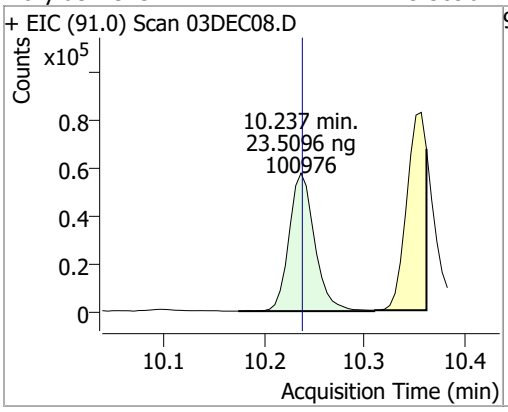
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	23.5085	8.73	0.00	61031	91.0	164.8	132.0	192.0

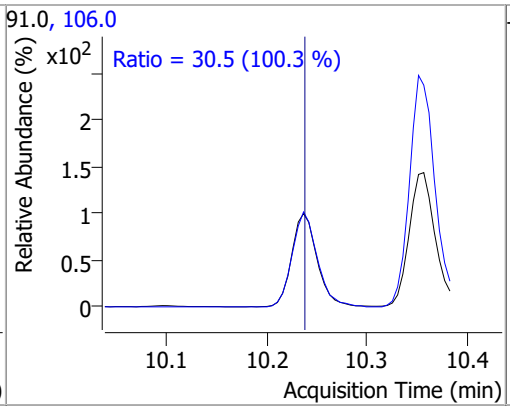


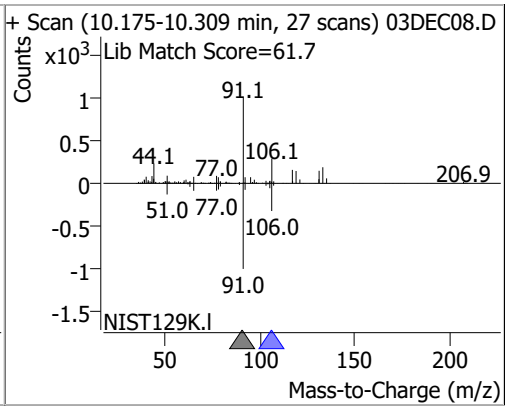




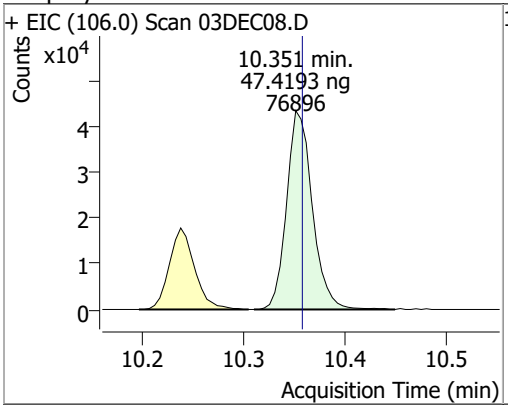
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	23.5096	10.24	0.00	100976	106.0	30.5	0.4	60.4

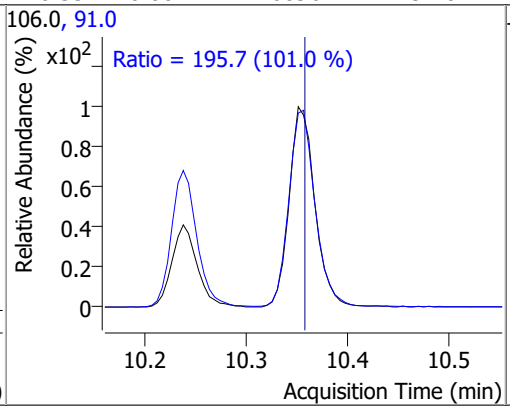


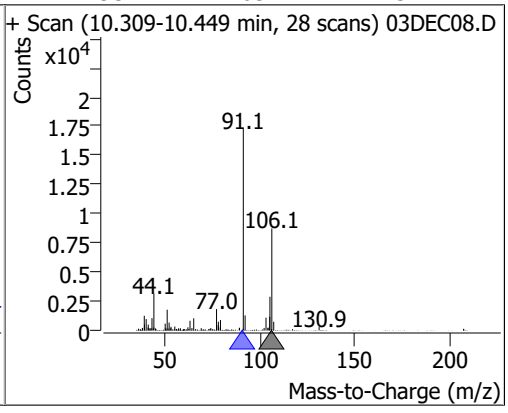




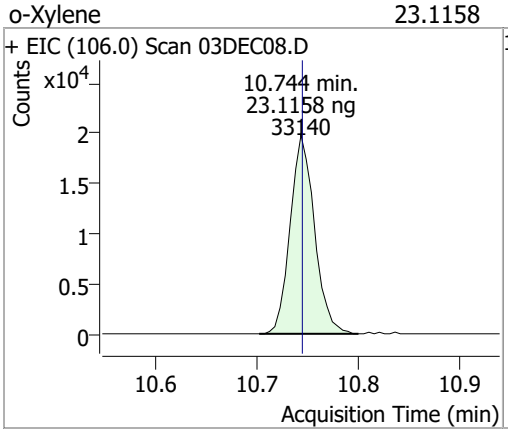
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	47.4193	10.35	0.00	76896	91.0	195.7	163.7	223.7

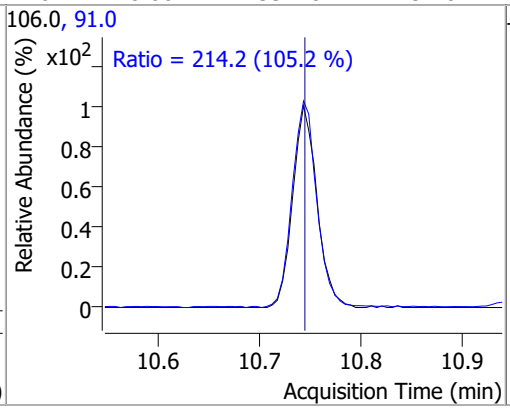


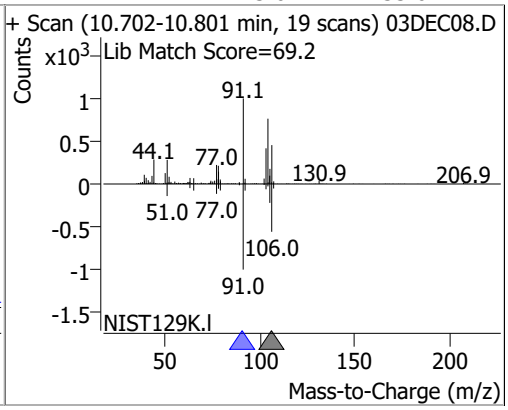




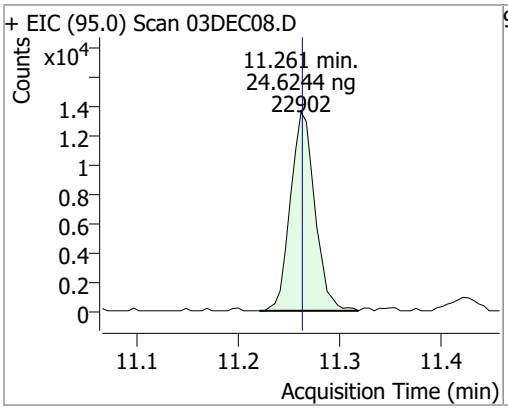
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	23.1158	10.74	0.00	33140	91.0	214.2	173.6	233.6

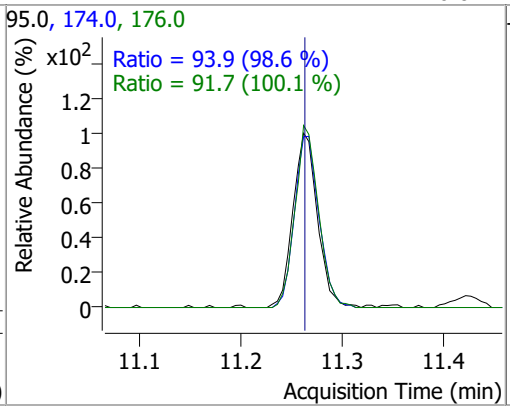


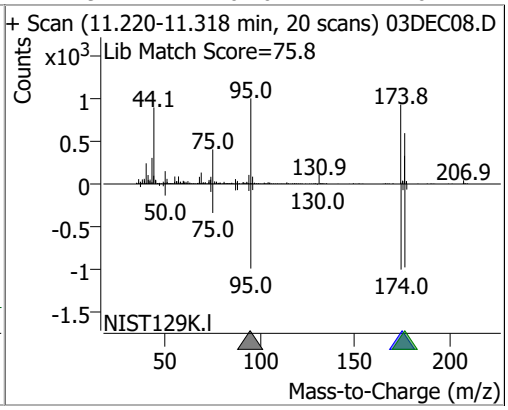




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	24.6244	11.26	0.00	22902	174.0	93.9	65.3	125.3
					176.0	91.7	61.6	121.6

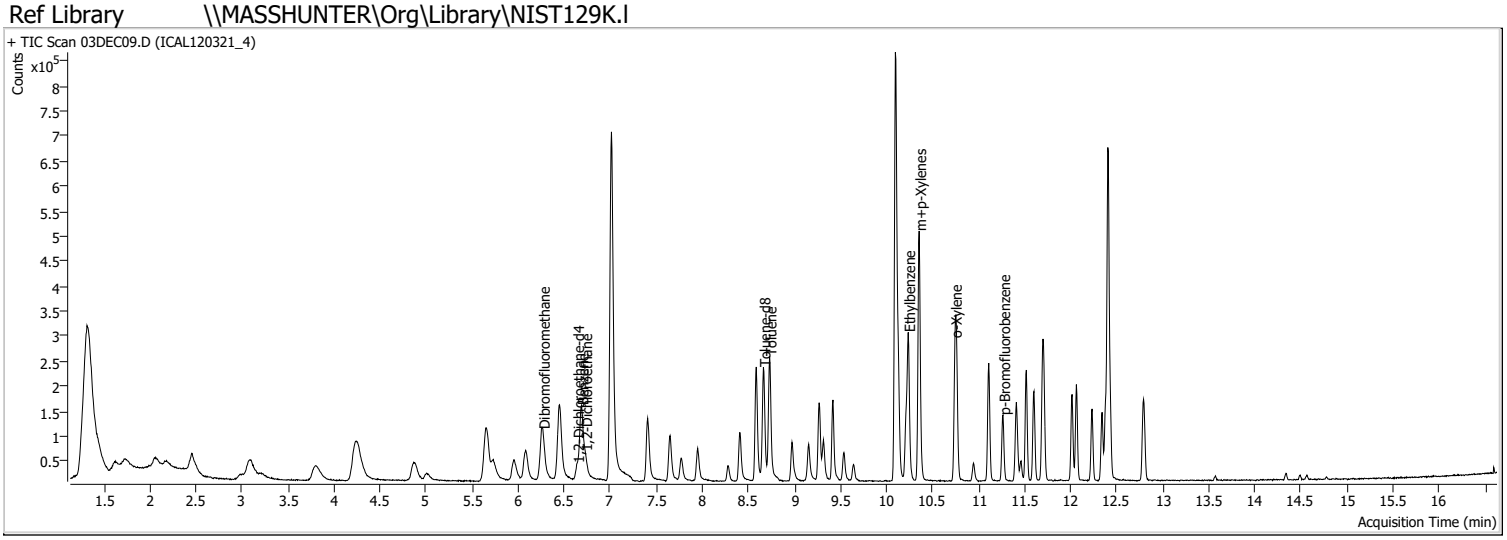






Quantitation Results Report (QT Reviewed)

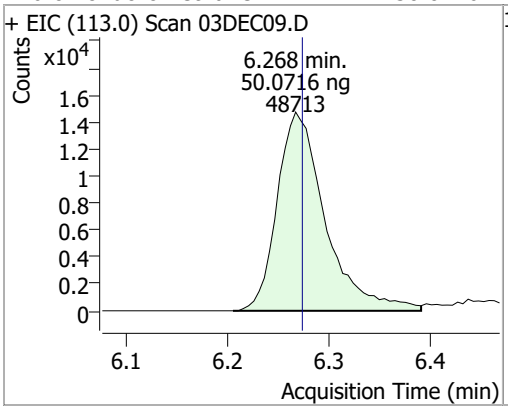
Data File	03DEC09.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 2:28:00 PM
Sample Name	ICAL120321_4	Instrument	GC/MS Ins
Vial	9	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

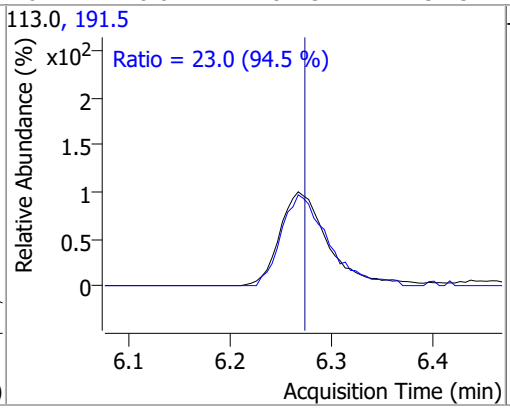


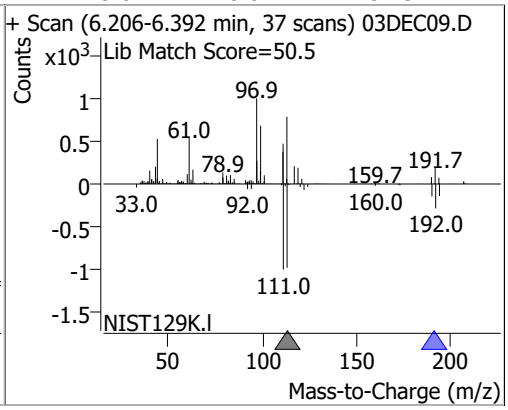
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.013	96.0	975157	250.0000	ng		-0.001
M Chlorobenzene-d5	10.096	82.0	293072	250.0000	ng		-0.001
M 1,4-Dichlorobenzene-d4	12.408	152.0	193927	250.0000	ng		0.004
System Monitoring Compounds							
S Dibromofluoromethane	6.268	113.0	48713	50.0716	ng		-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 20.03%		*	
S 1,2-Dichloroethane-d4	6.640	67.0	19183	51.4424	ng		-0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 20.58%		*	
S Toluene-d8	8.663	98.0	179538	49.8575	ng		-0.001
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 19.94%		*	
S p-Bromofluorobenzene	11.265	95.0	46121	51.2872	ng		0.004
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 20.51%		*	
Target Compounds							**QValue**
T Benzene	6.687	78.0	204266	50.2736	ng		98
T 1,2-Dichloroethane	6.728	62.0	36955	50.9438	ng		97
T Toluene	8.730	92.0	129489	52.2550	ng		98
T Ethylbenzene	10.236	91.0	211275	51.5342	ng		99
T m+p-Xylenes	10.355	106.0	161764	104.5090	ng		100
T o-Xylene	10.743	106.0	71156	51.9982	ng		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

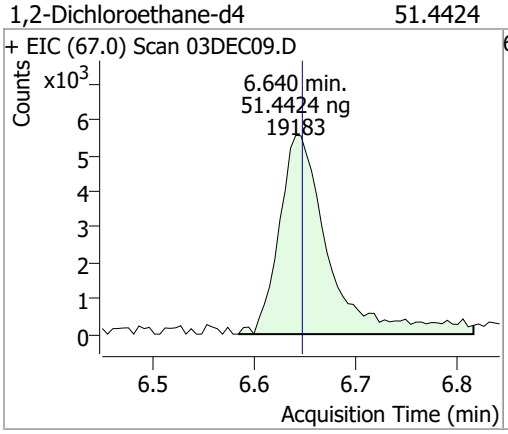
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	50.0716	6.27	-0.01	48713	191.5	23.0	0.0	54.3

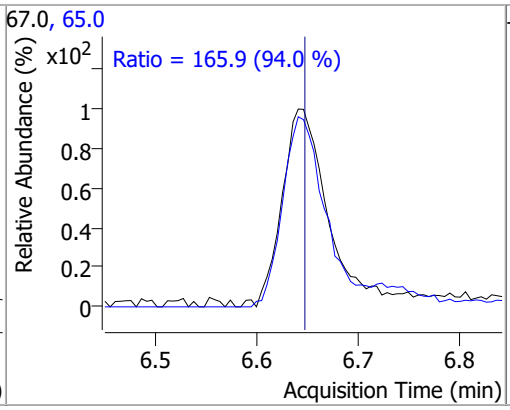


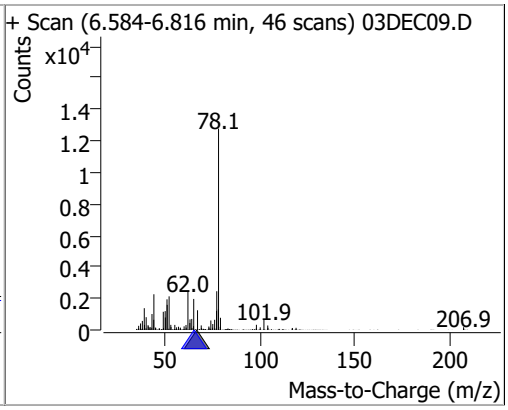




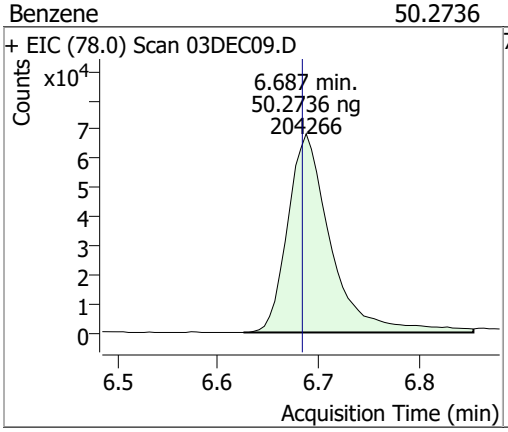
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	51.4424	6.64	-0.01	19183	65.0	165.9	146.6	206.6

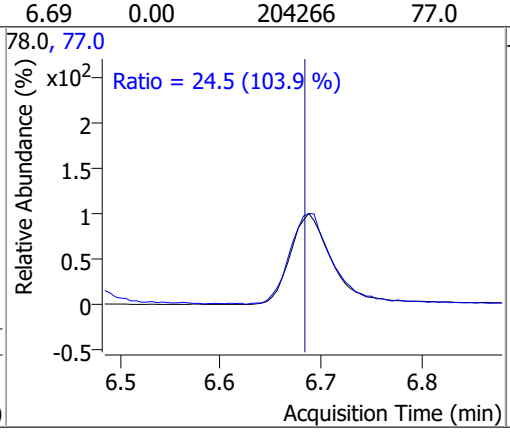


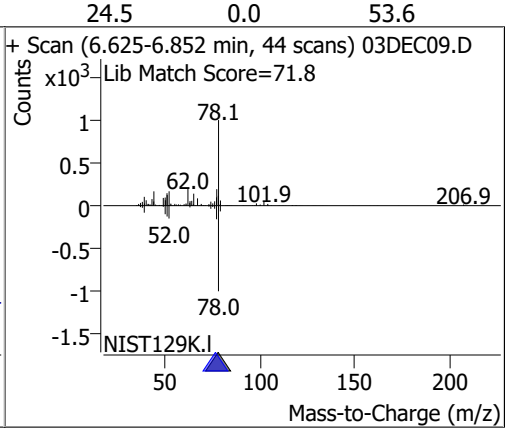




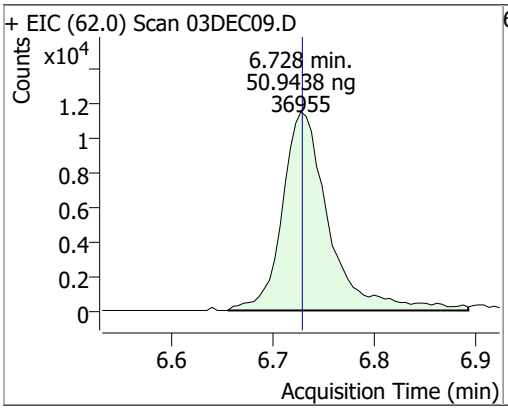
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	50.2736	6.69	0.00	204266	77.0	24.5	0.0	53.6

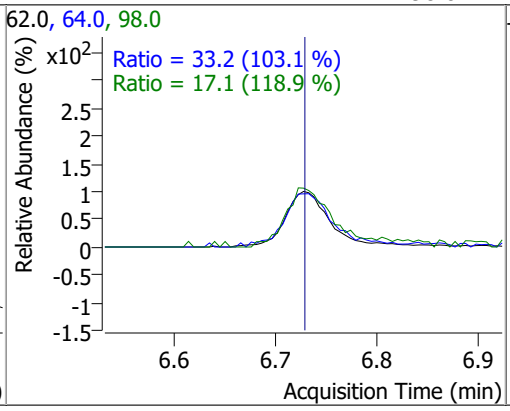


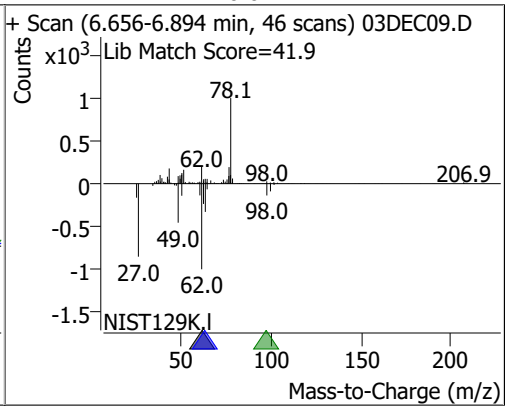




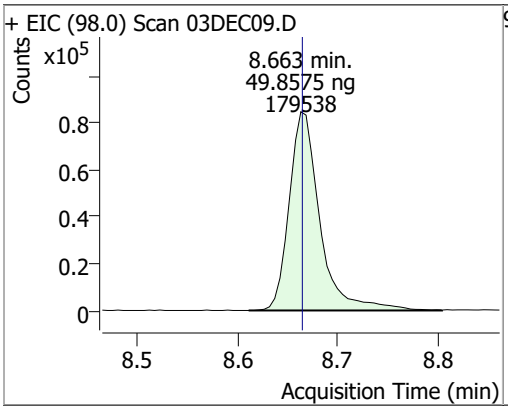
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	50.9438	6.73	0.00	36955	64.0	33.2	2.2	62.2
					98.0	17.1	0.0	44.4

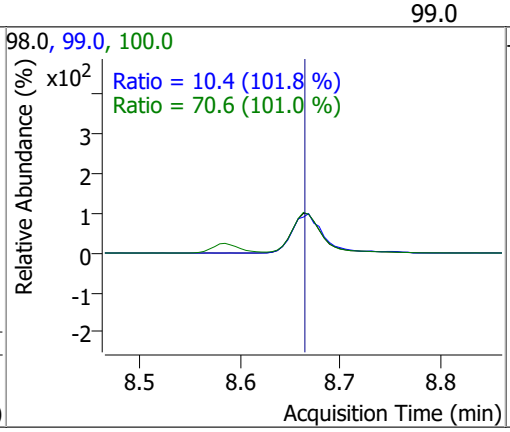


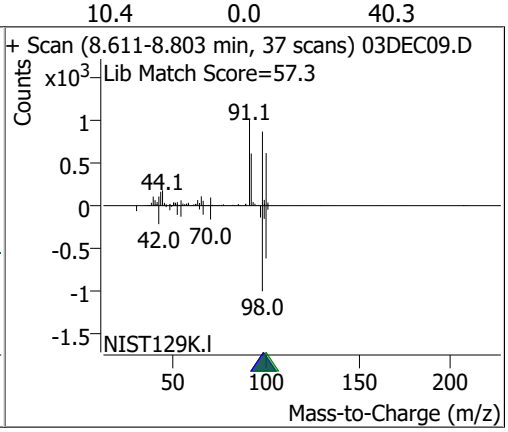




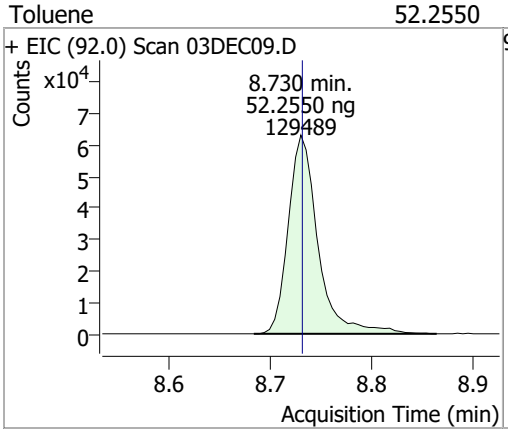
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	49.8575	8.66	0.00	179538	100.0	70.6	39.9	99.9
					99.0	10.4	0.0	40.3

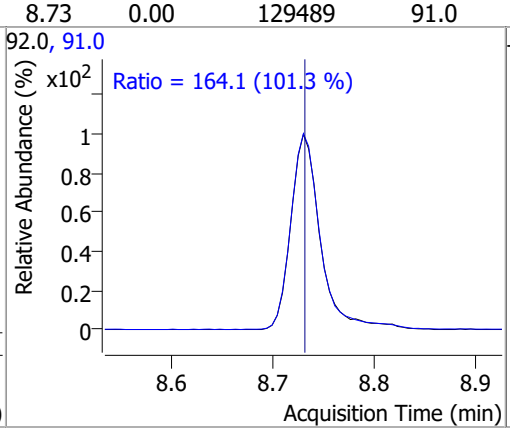


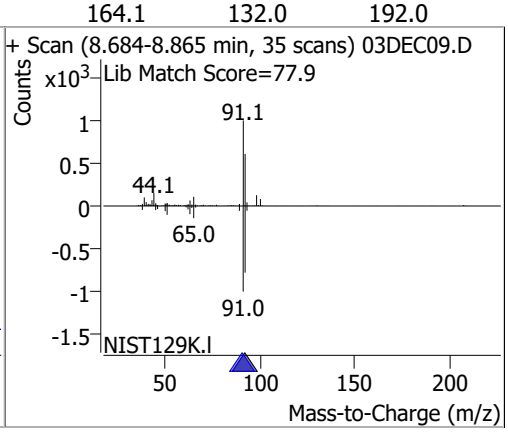




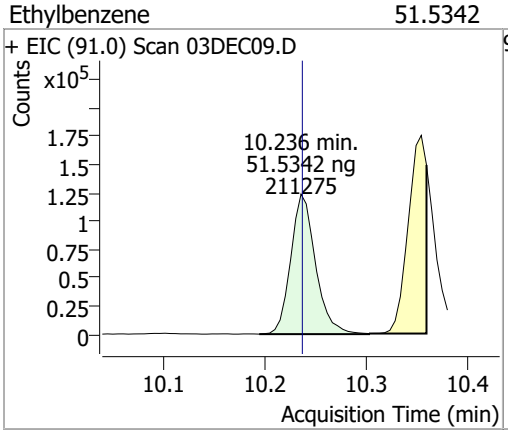
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	52.2550	8.73	0.00	129489	91.0	164.1	132.0	192.0

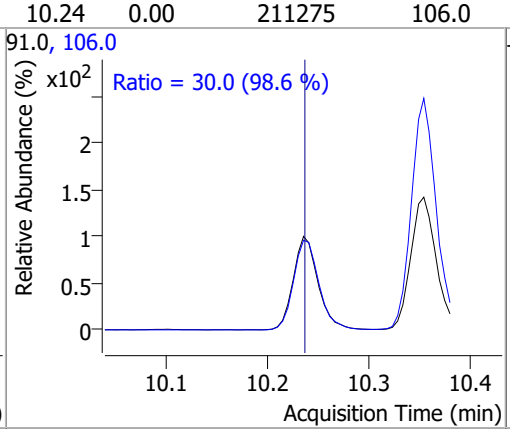


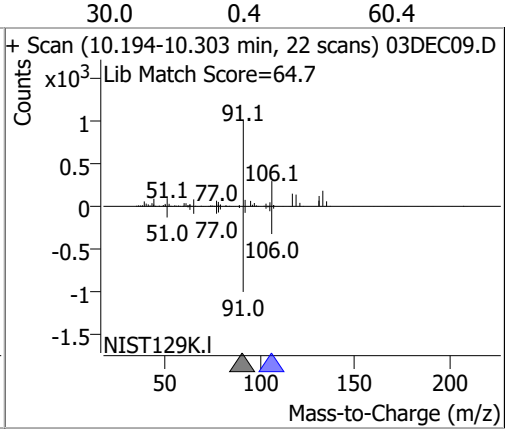




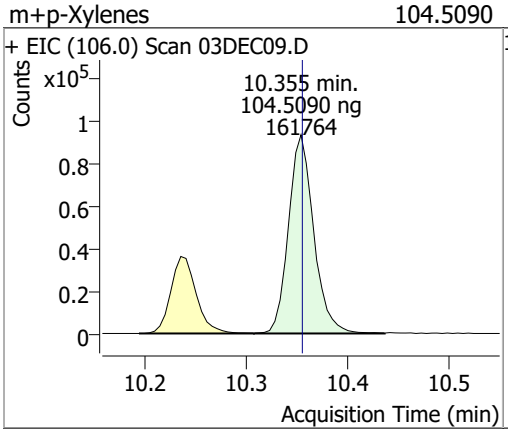
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	51.5342	10.24	0.00	211275	106.0	30.0	0.4	60.4

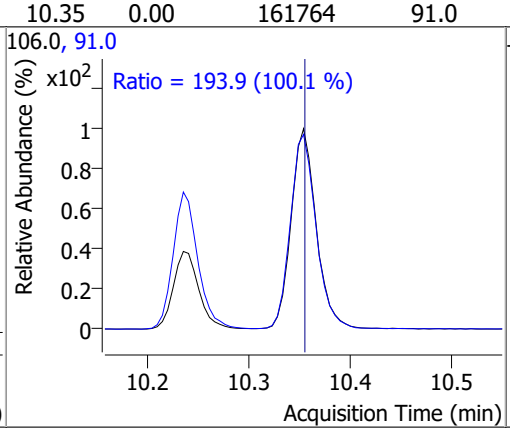


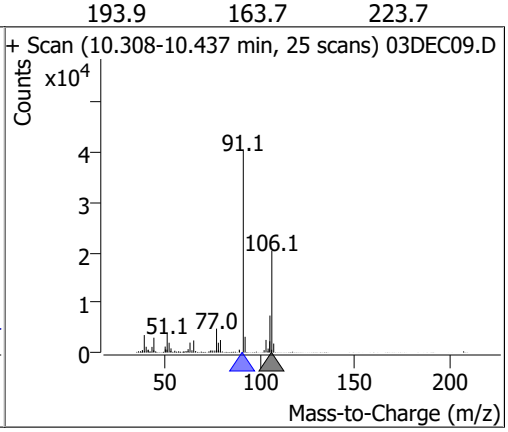




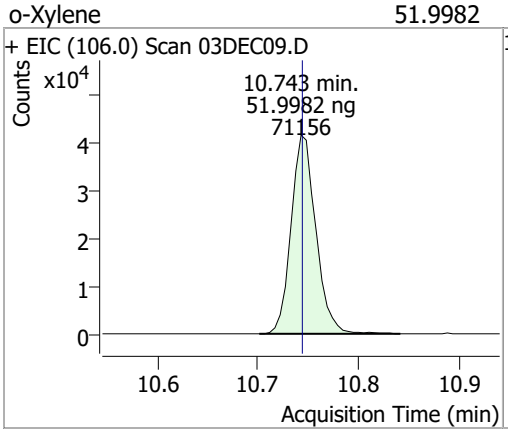
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	104.5090	10.35	0.00	161764	91.0	193.9	163.7	223.7

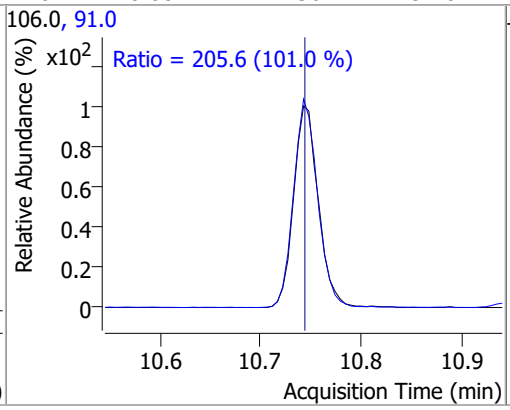


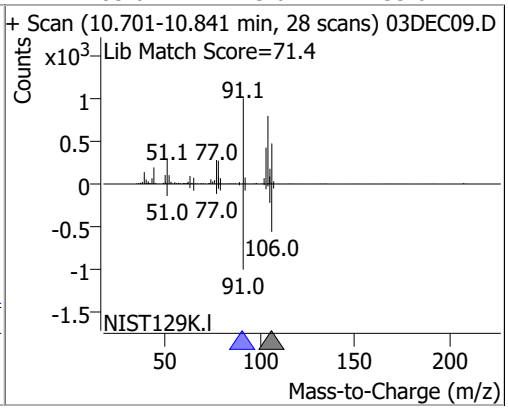




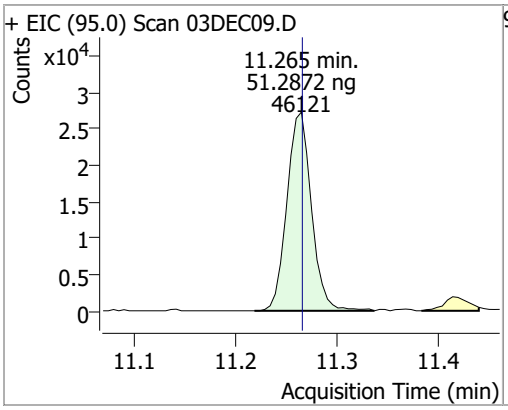
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	51.9982	10.74	0.00	71156	91.0	205.6	173.6	233.6

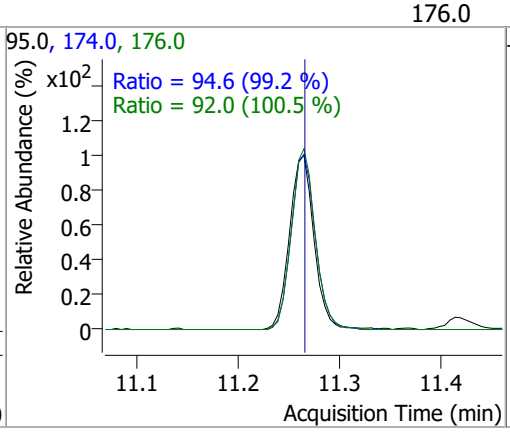


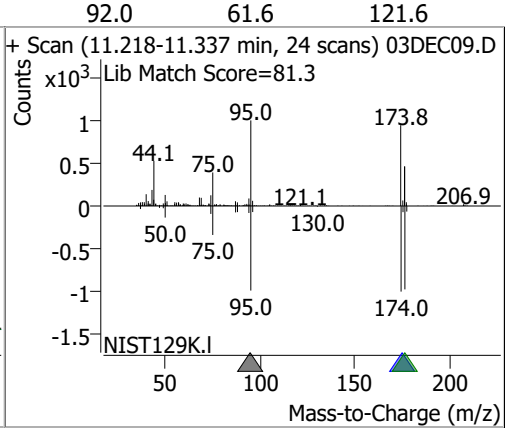




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	51.2872	11.26	0.00	46121	174.0	94.6	65.3	125.3
					176.0	92.0	61.6	121.6



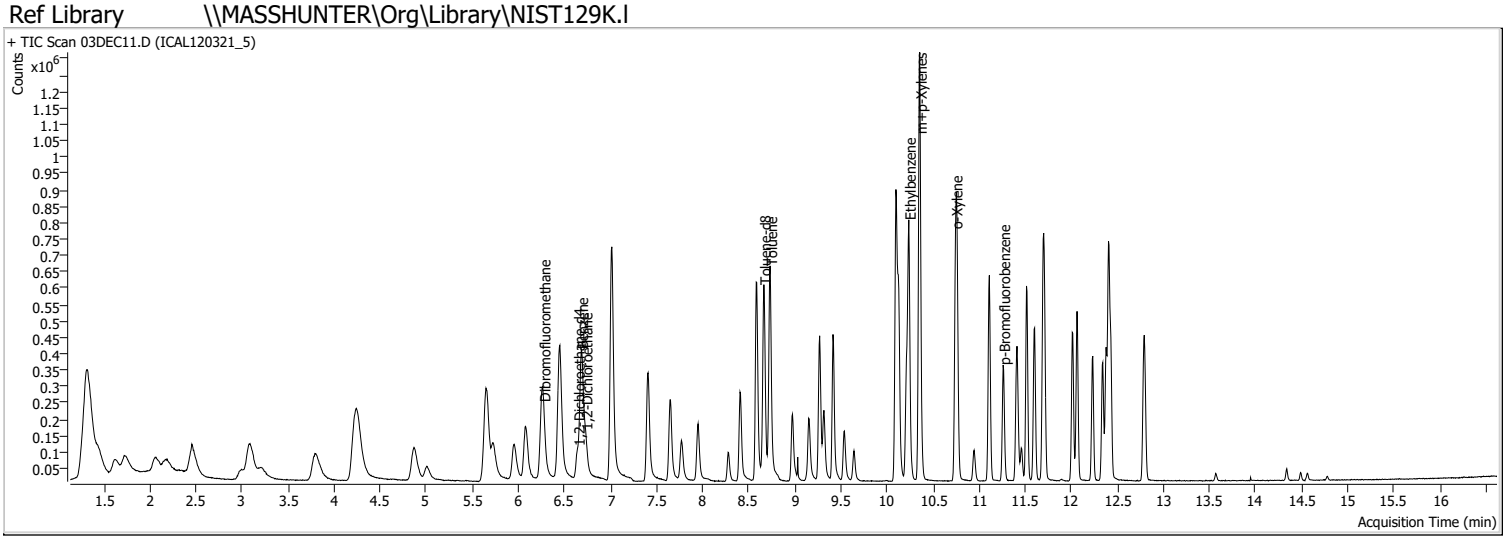




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

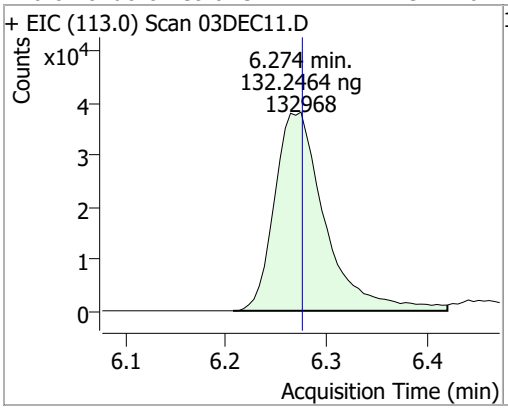
Data File	03DEC11.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 3:19:00 PM
Sample Name	ICAL120321_5	Instrument	GC/MS Ins
Vial	11	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

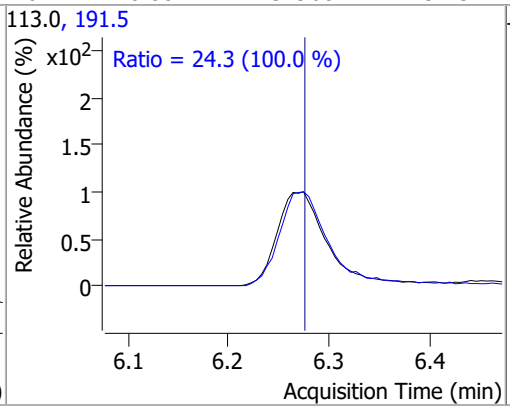


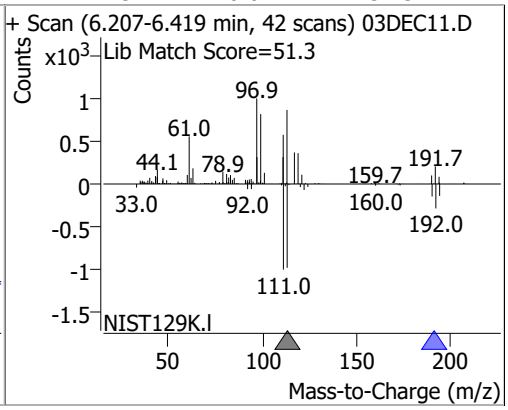
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.014	96.0	1007824	250.0000	ng		0.000
M Chlorobenzene-d5	10.097	82.0	301719	250.0000	ng	m	0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	207050	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	6.274	113.0	132968	132.2464	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 52.90%		*	
S 1,2-Dichloroethane-d4	6.647	67.0	49215	127.7003	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 51.08%		*	
S Toluene-d8	8.664	98.0	475751	128.3293	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 51.33%		*	
S p-Bromofluorobenzene	11.261	95.0	124320	129.4833	ng		0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 51.79%		*	
Target Compounds							**QValue**
T Benzene	6.683	78.0	549256	130.8003	ng		100
T 1,2-Dichloroethane	6.729	62.0	100874	134.5510	ng		100
T Toluene	8.731	92.0	343230	134.5404	ng		100
T Ethylbenzene	10.237	91.0	557740	132.1453	ng	m	100
T m+p-Xylenes	10.355	106.0	427740	268.4257	ng		100
T o-Xylene	10.743	106.0	188039	133.4741	ng		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

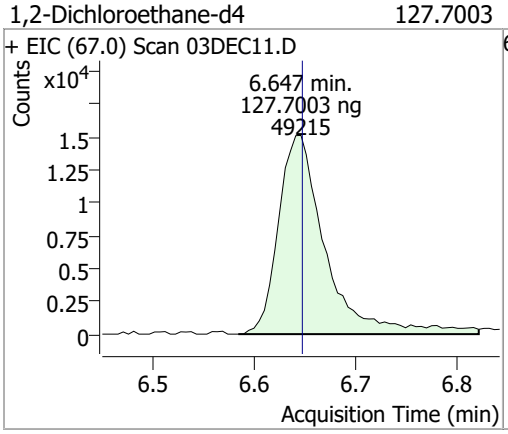
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	132.2464	6.27	0.00	132968	191.5	24.3	0.0	54.3

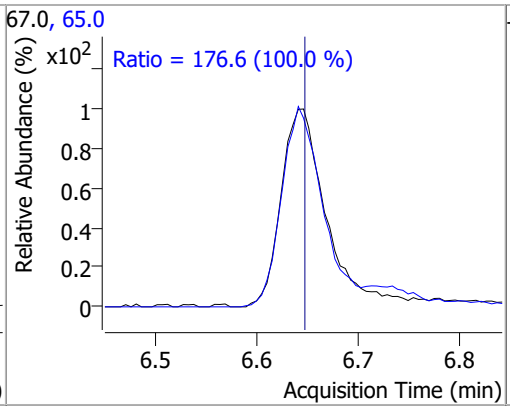


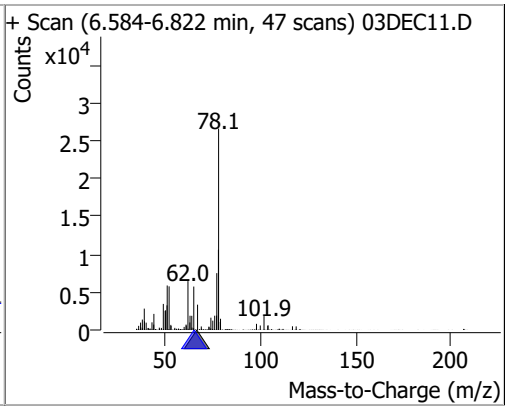




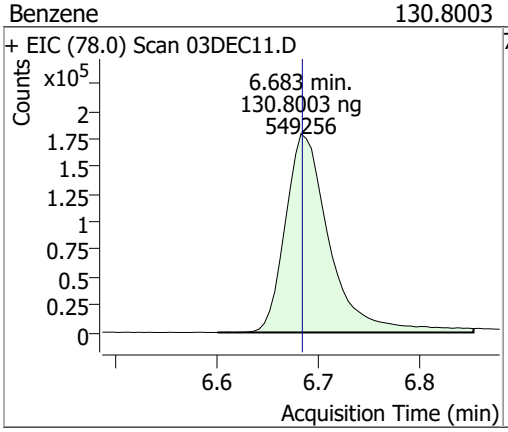
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	127.7003	6.65	0.00	49215	65.0	176.6	146.6	206.6

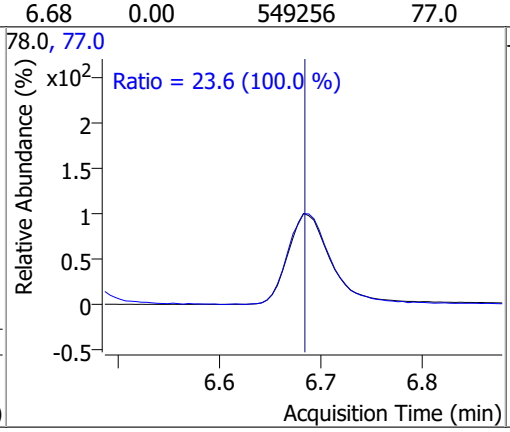


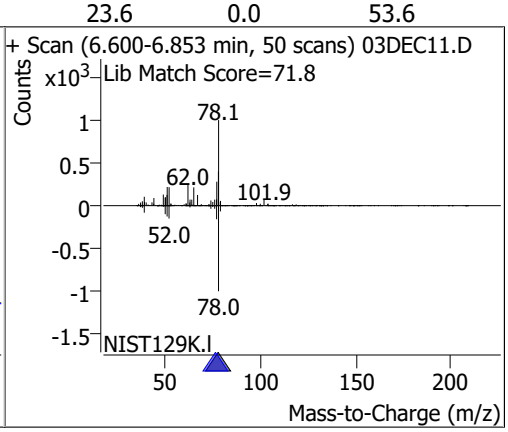




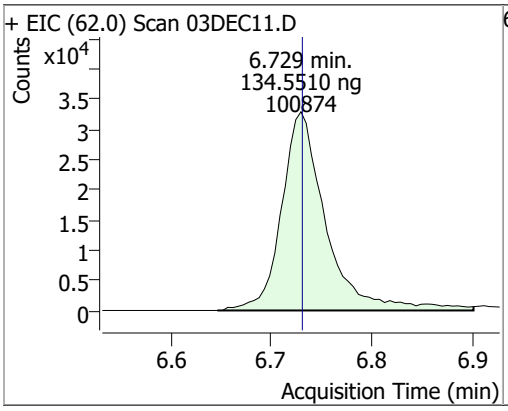
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	130.8003	6.68	0.00	549256	77.0	23.6	0.0	53.6

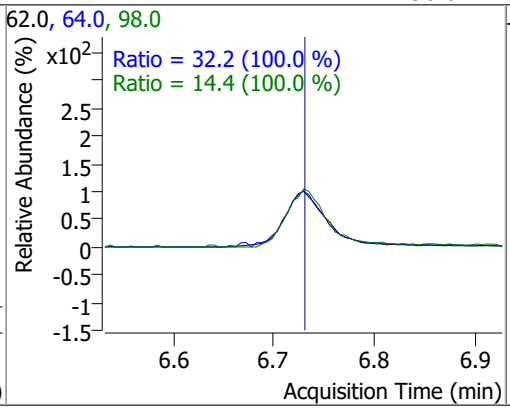


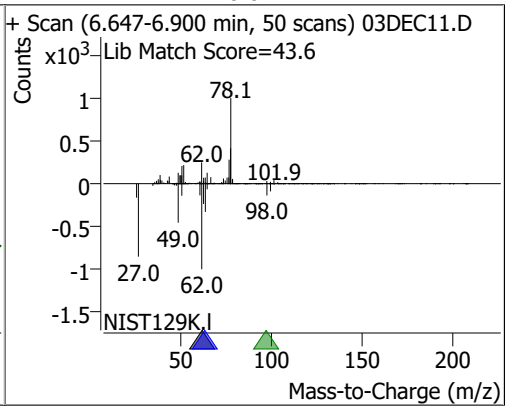




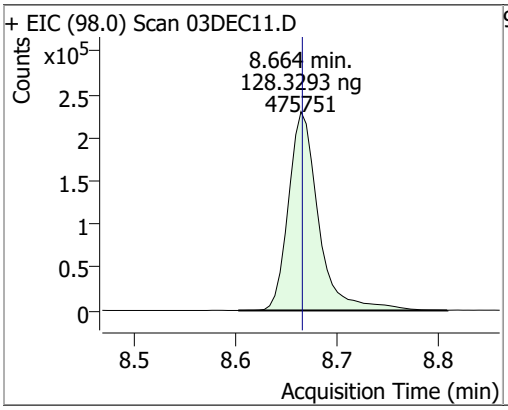
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	134.5510	6.73	0.00	100874	64.0	32.2	2.2	62.2
					98.0	14.4	0.0	44.4

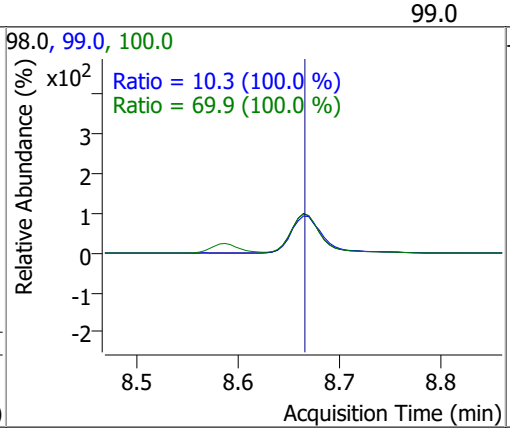


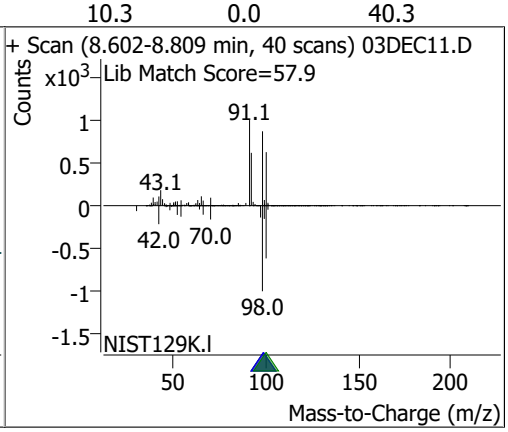




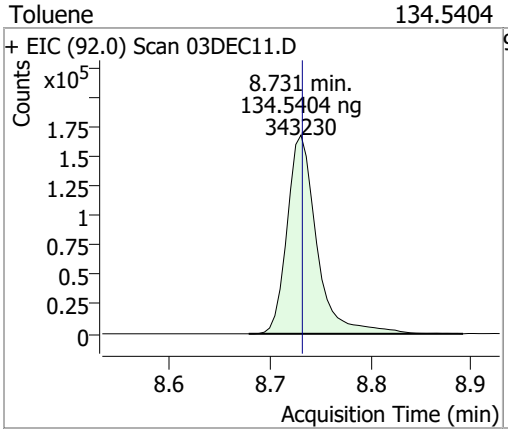
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	128.3293	8.66	0.00	475751	100.0	69.9	39.9	99.9
					99.0	10.3	0.0	40.3

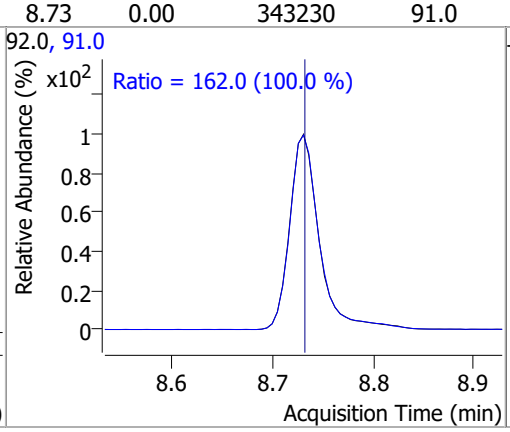


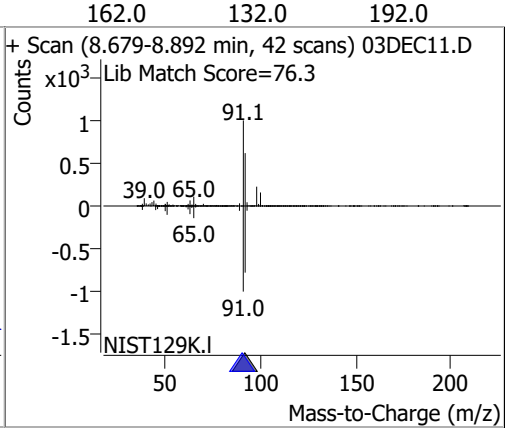




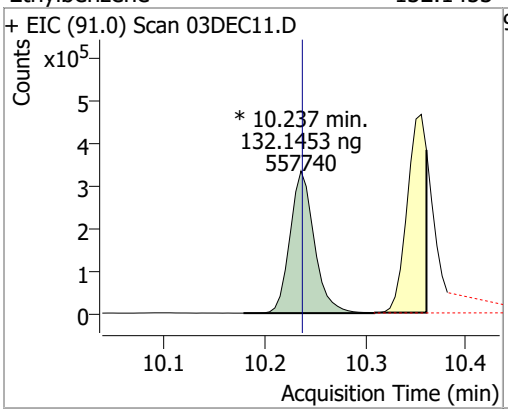
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	134.5404	8.73	0.00	343230	91.0	162.0	132.0	192.0

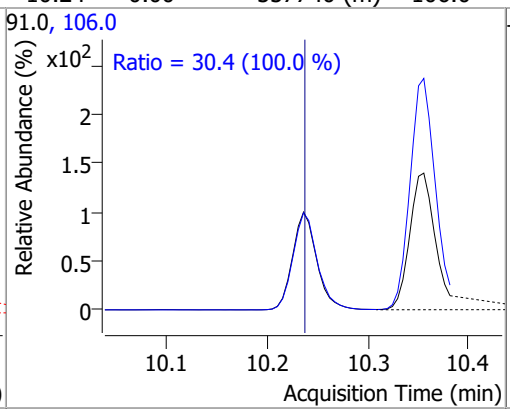


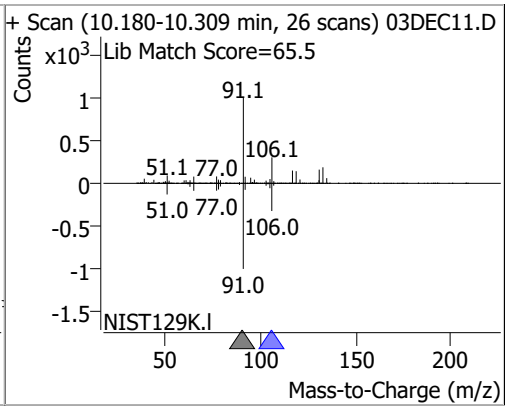




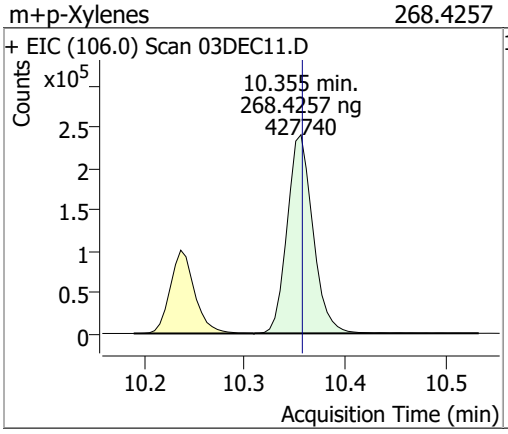
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	132.1453	10.24	0.00	557740 (m)	106.0	30.4	0.4	60.4

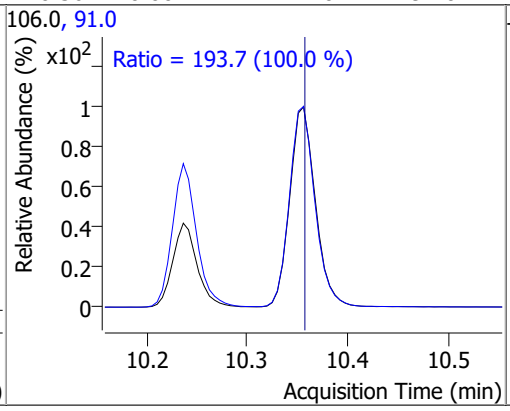


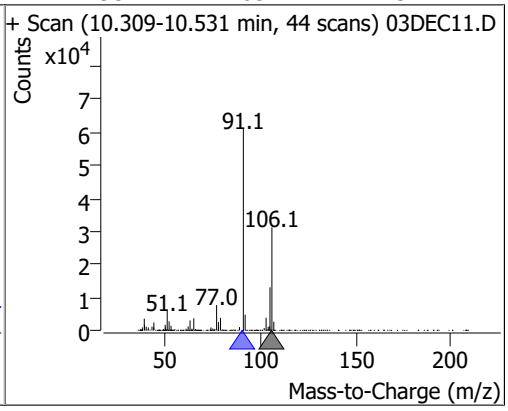




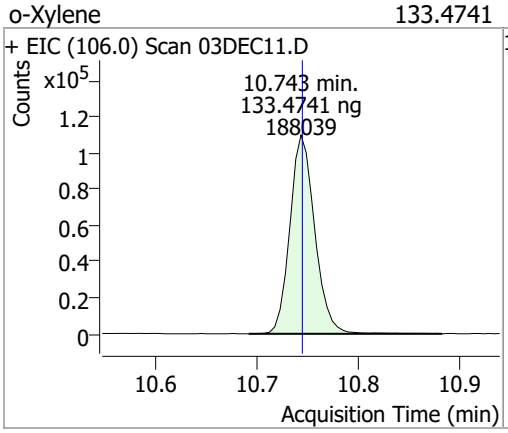
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	268.4257	10.36	0.00	427740	91.0	193.7	163.7	223.7

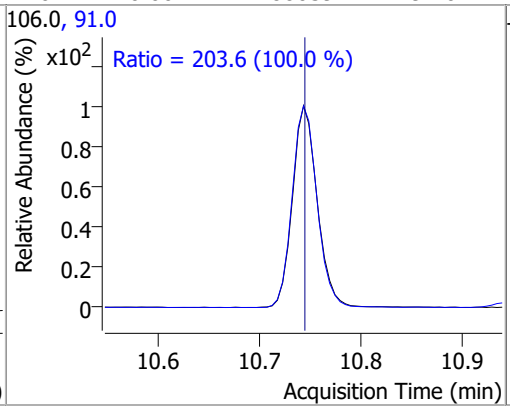


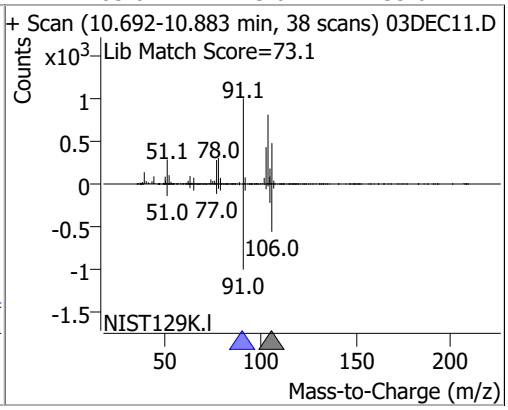




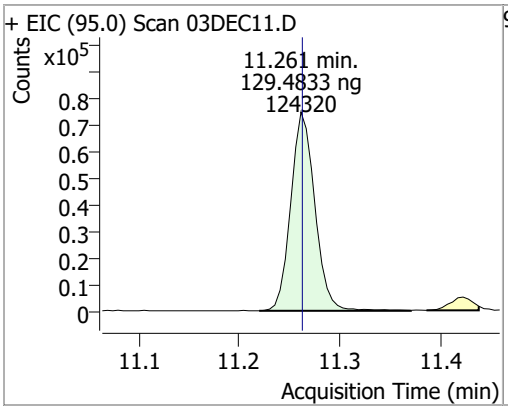
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	133.4741	10.74	0.00	188039	91.0	203.6	173.6	233.6

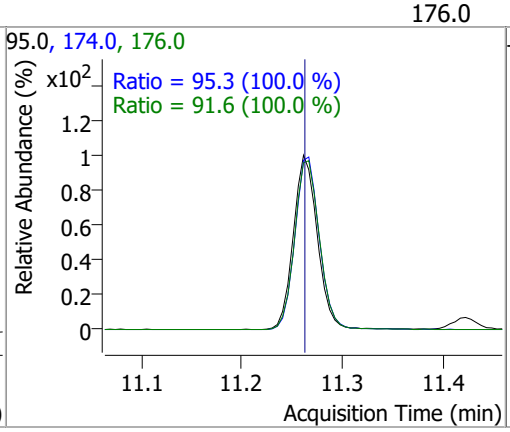


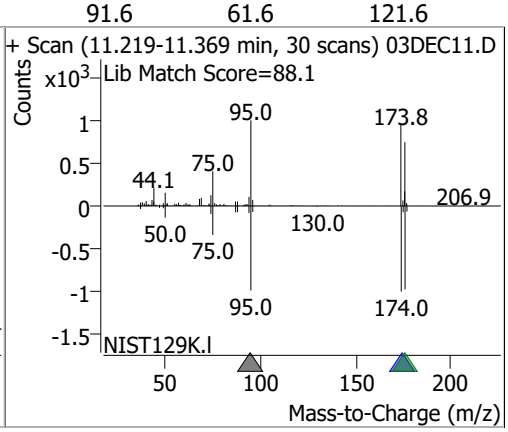




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	129.4833	11.26	0.00	124320	174.0	95.3	65.3	125.3
					176.0	91.6	61.6	121.6

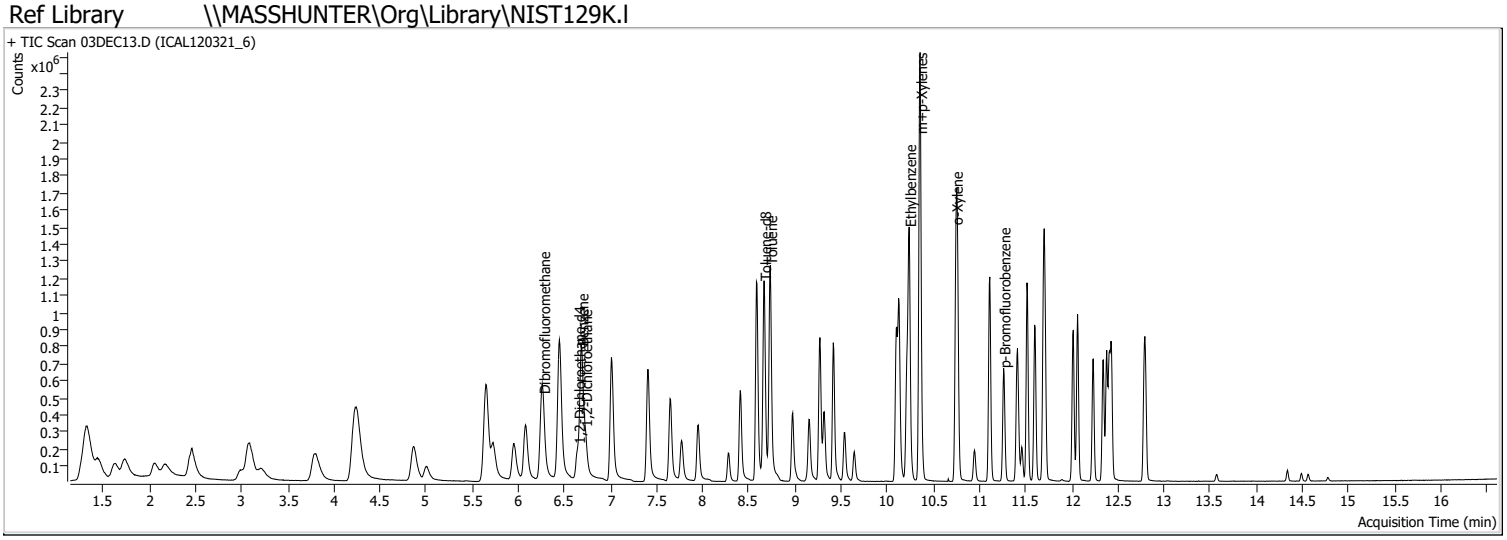






Quantitation Results Report (QT Reviewed)

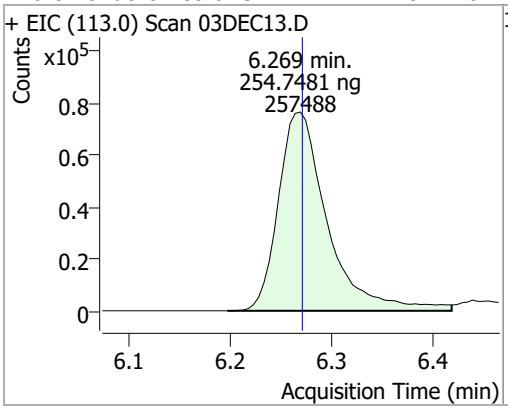
Data File	03DEC13.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 4:09:00 PM
Sample Name	ICAL120321_6	Instrument	GC/MS Ins
Vial	13	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

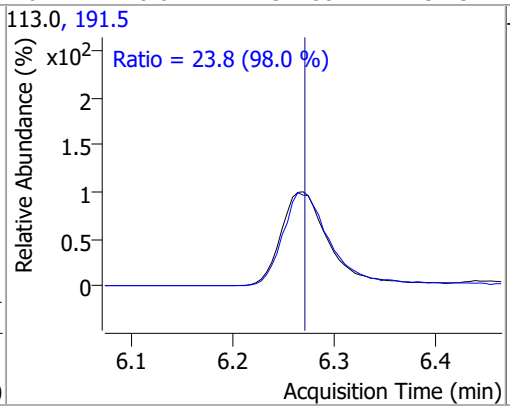


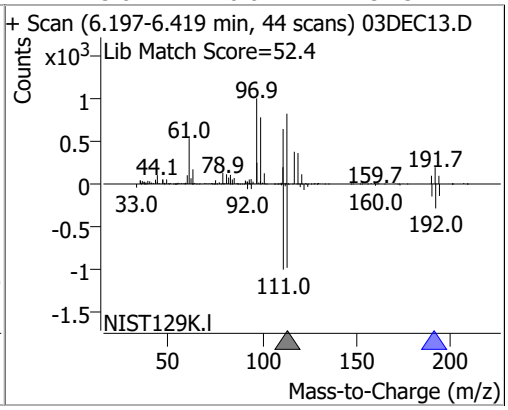
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.009	96.0	1013135	250.0000	ng	-0.005
M Chlorobenzene-d5	10.097	82.0	299610	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	202725	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	6.269	113.0	257488	254.7481	ng	-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 101.90%		
S 1,2-Dichloroethane-d4	6.647	67.0	92587	238.9801	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 95.59%		
S Toluene-d8	8.664	98.0	922467	250.5779	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 100.23%		
S p-Bromofluorobenzene	11.261	95.0	232375	247.1896	ng	0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 98.88%		
Target Compounds						**QValue**
T Benzene	6.683	78.0	1079907	255.8218	ng	100
T 1,2-Dichloroethane	6.724	62.0	197450	261.9884	ng	99
T Toluene	8.731	92.0	664460	262.2903	ng	99
T Ethylbenzene	10.237	91.0	1079825	257.6433	ng	100
T m+p-Xylenes	10.355	106.0	822284	519.6511	ng	99
T o-Xylene	10.743	106.0	364992	260.9025	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

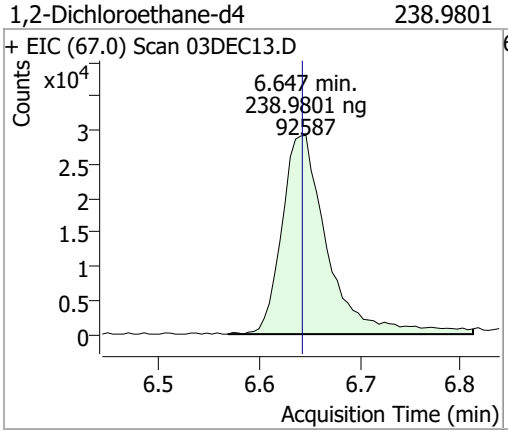
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	254.7481	6.27	-0.01	257488	191.5	23.8	0.0	54.3

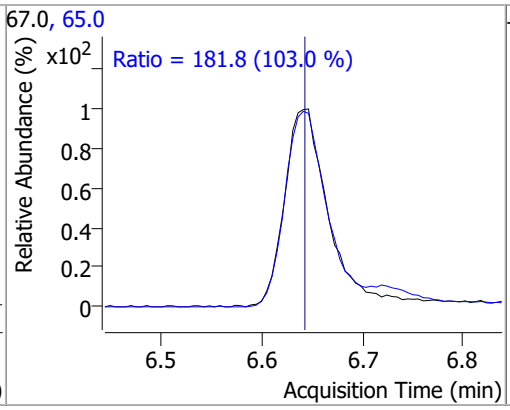


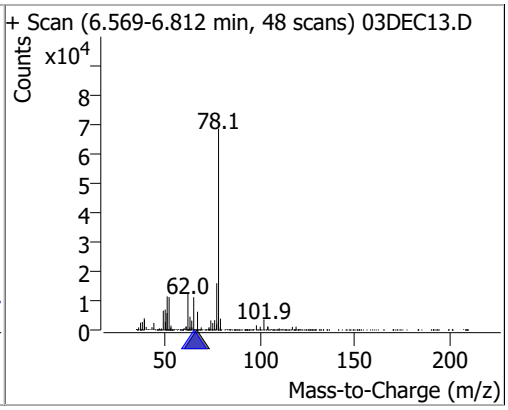




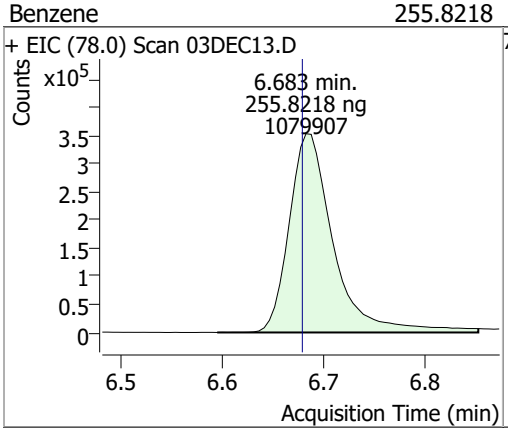
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	238.9801	6.65	0.00	92587	65.0	181.8	146.6	206.6

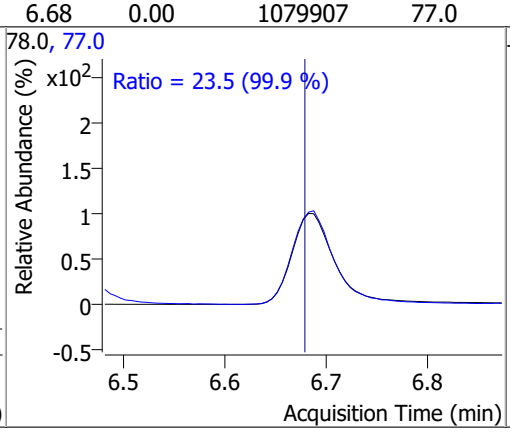


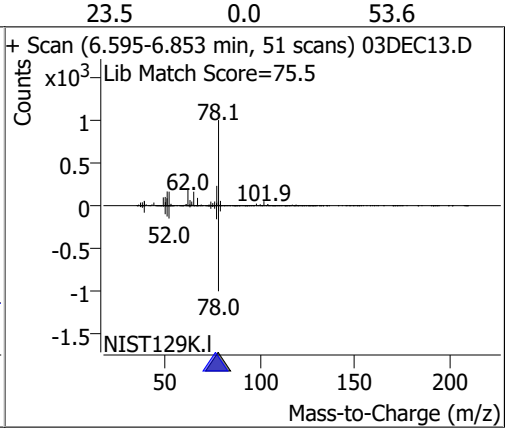




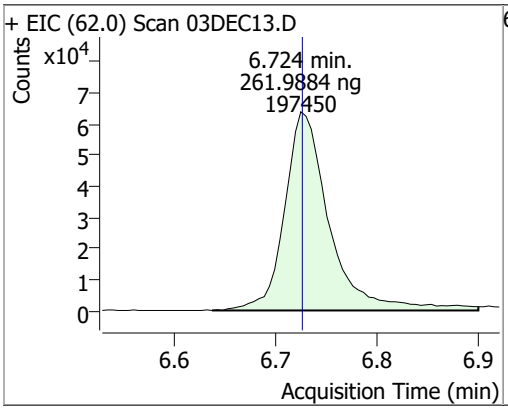
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	255.8218	6.68	0.00	1079907	77.0	23.5	0.0	53.6

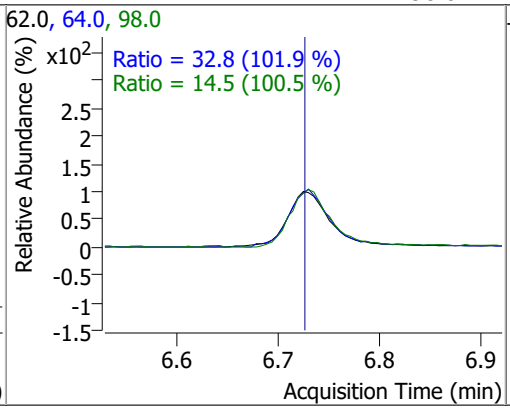


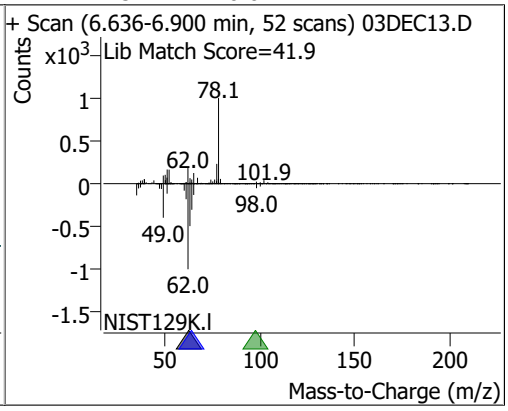




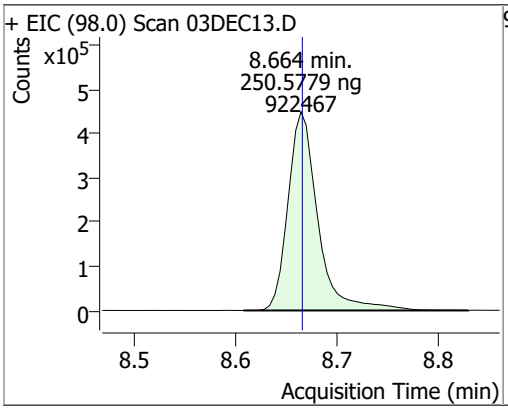
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	261.9884	6.72	-0.01	197450	64.0	32.8	2.2	62.2
					98.0	14.5	0.0	44.4

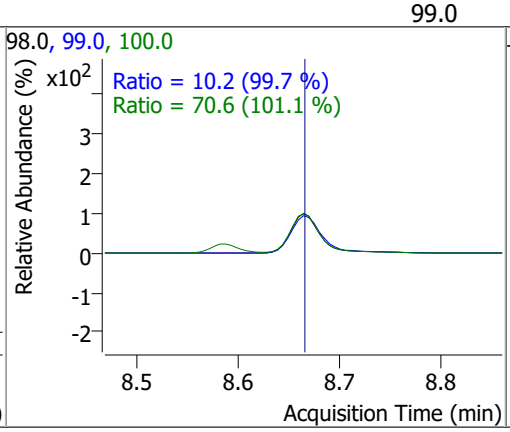


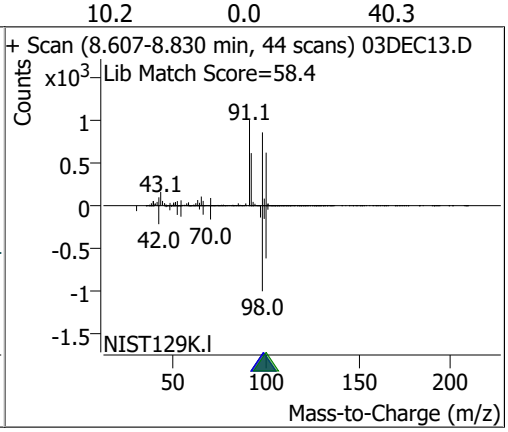




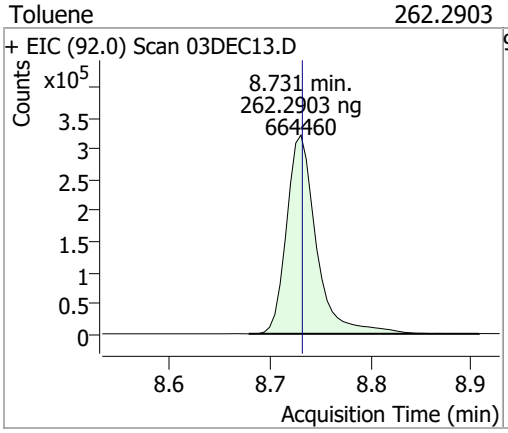
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	250.5779	8.66	0.00	922467	100.0	70.6	39.9	99.9
					99.0	10.2	0.0	40.3

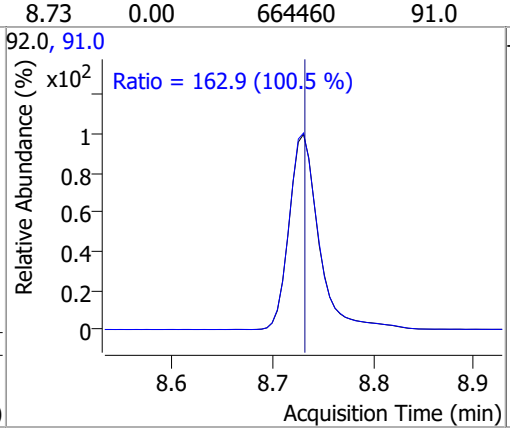


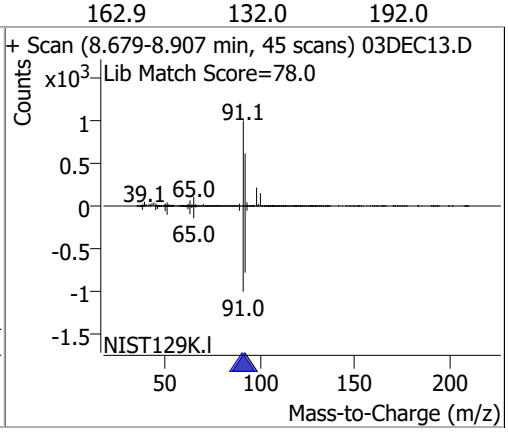




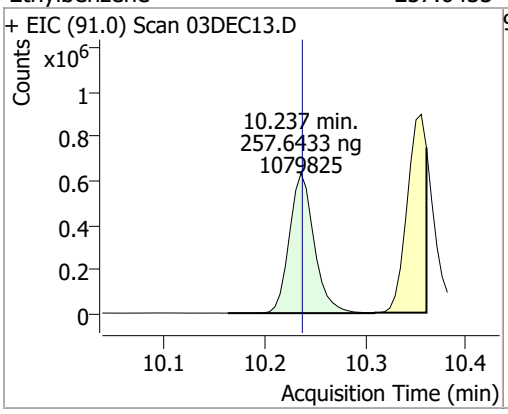
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	262.2903	8.73	0.00	664460	91.0	162.9	132.0	192.0

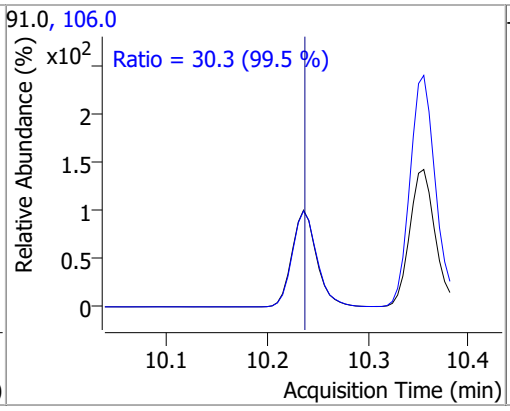


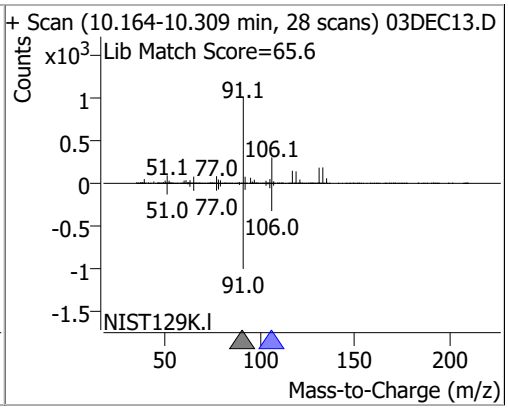




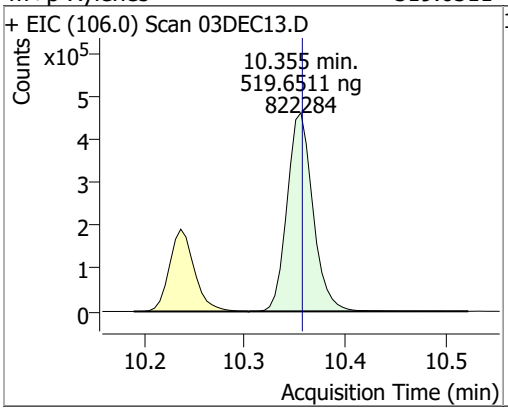
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	257.6433	10.24	0.00	1079825	106.0	30.3	0.4	60.4

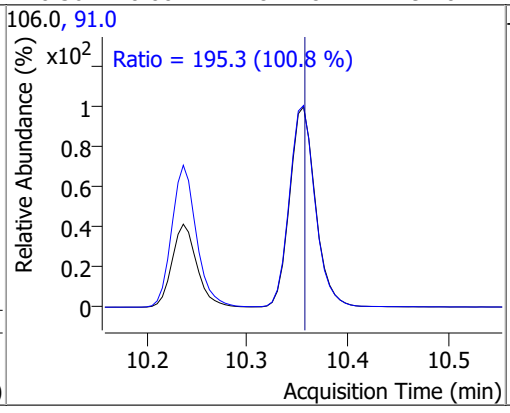


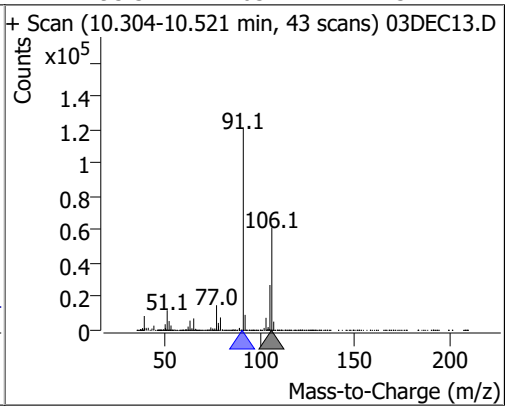




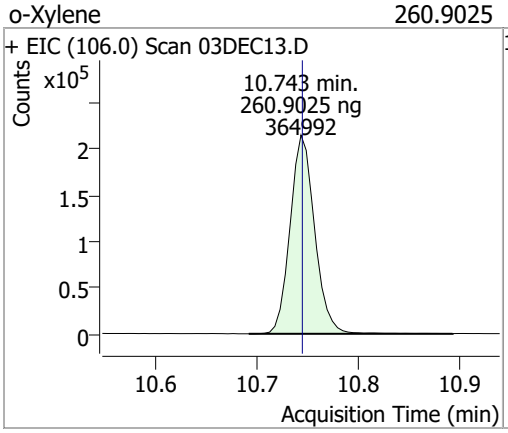
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	519.6511	10.36	0.00	822284	91.0	195.3	163.7	223.7

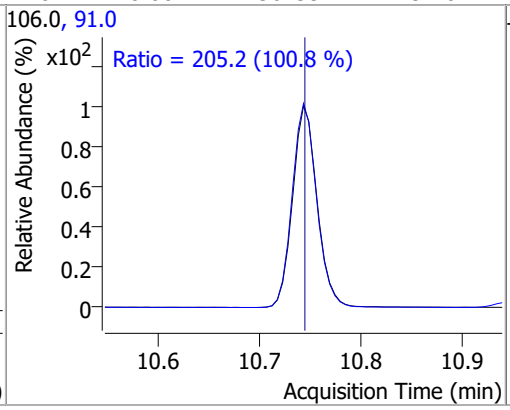


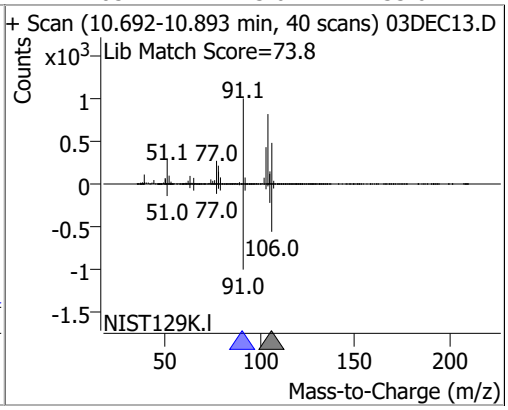




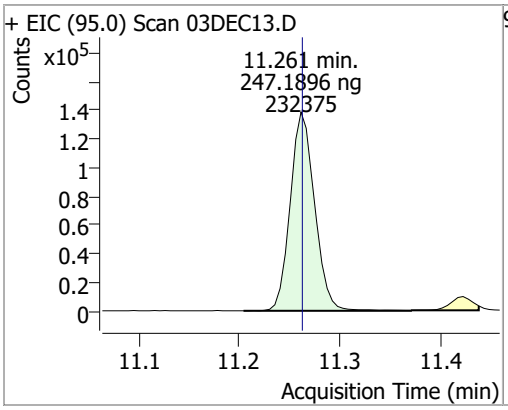
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	260.9025	10.74	0.00	364992	91.0	205.2	173.6	233.6

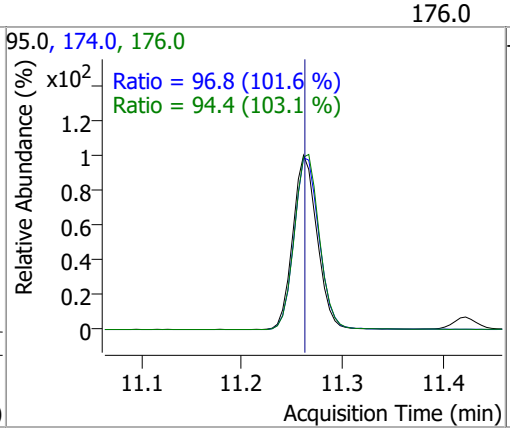


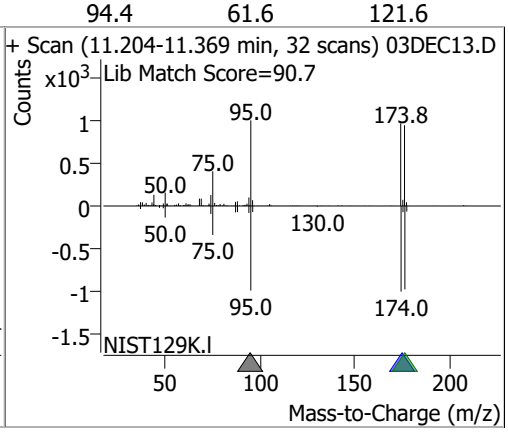




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	247.1896	11.26	0.00	232375	174.0	96.8	65.3	125.3
					176.0	94.4	61.6	121.6

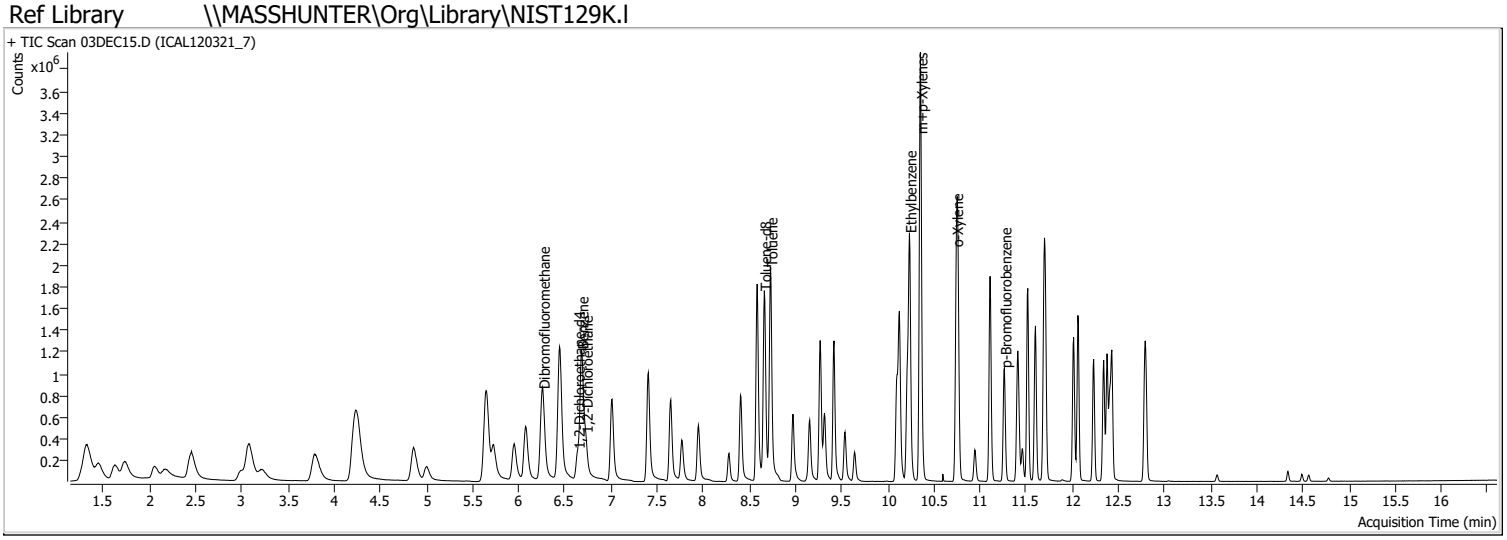






Quantitation Results Report (QT Reviewed)

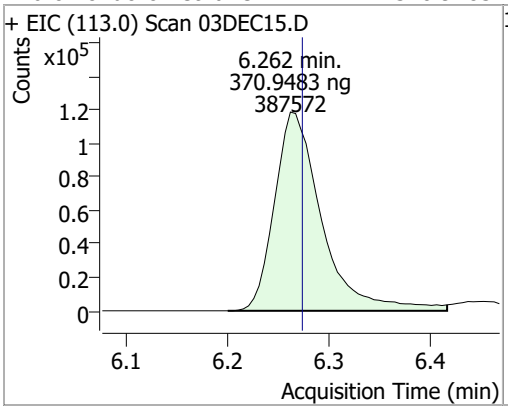
Data File	03DEC15.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 5:00:00 PM
Sample Name	ICAL120321_7	Instrument	GC/MS Ins
Vial	15	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

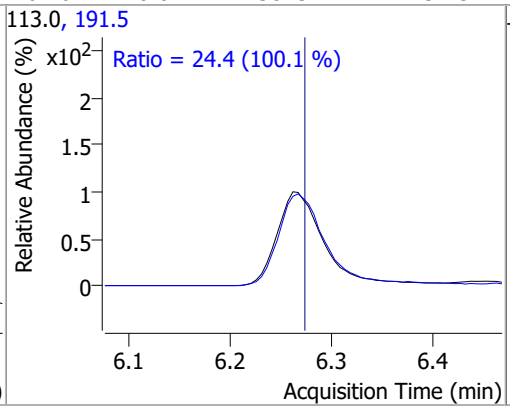


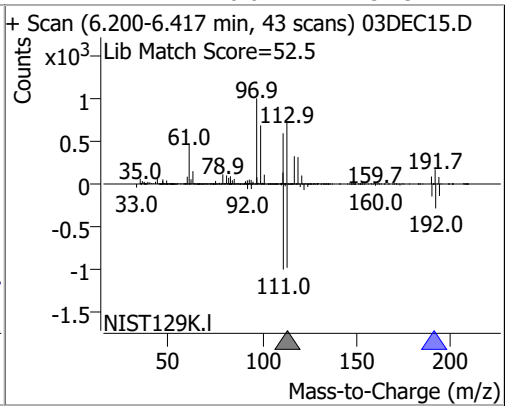
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.012	96.0	1047274	250.0000	ng		-0.002
M Chlorobenzene-d5	10.095	82.0	311846	250.0000	ng		-0.002
M 1,4-Dichlorobenzene-d4	12.402	152.0	213801	250.0000	ng		-0.002
System Monitoring Compounds							
S Dibromofluoromethane	6.262	113.0	387572	370.9483	ng		-0.012
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 148.38%		*	
S 1,2-Dichloroethane-d4	6.640	67.0	138536	345.9245	ng		-0.007
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 138.37%		*	
S Toluene-d8	8.662	98.0	1395369	364.1641	ng		-0.002
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 145.67%		*	
S p-Bromofluorobenzene	11.264	95.0	365345	368.5035	ng		0.004
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 147.40%		*	
Target Compounds							**QValue**
T Benzene	6.681	78.0	1635422	374.7900	ng		100
T 1,2-Dichloroethane	6.728	62.0	298933	383.7124	ng		99
T Toluene	8.730	92.0	1014549	384.7712	ng		100
T Ethylbenzene	10.235	91.0	1651315	378.5398	ng		100
T m+p-Xylenes	10.354	106.0	1262087	766.2940	ng		99
T o-Xylene	10.742	106.0	560487	384.9254	ng		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

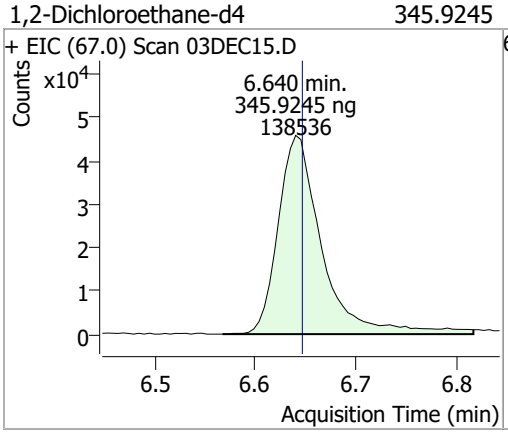
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	370.9483	6.26	-0.01	387572	191.5	24.4	0.0	54.3

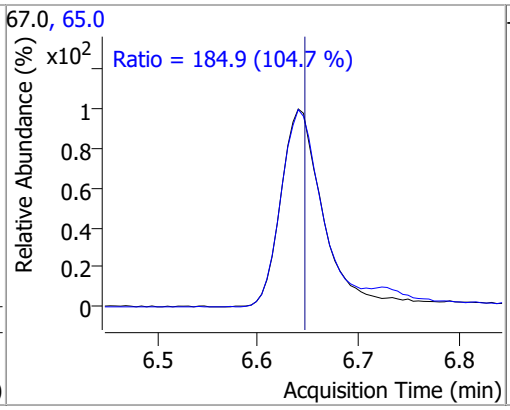


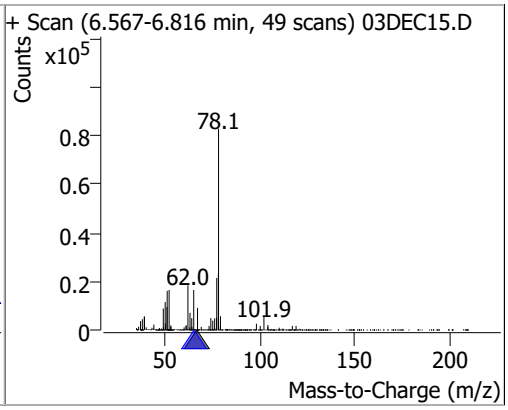




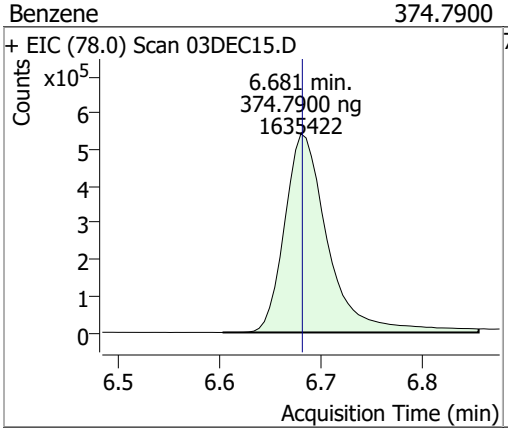
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	345.9245	6.64	-0.01	138536	65.0	184.9	146.6	206.6

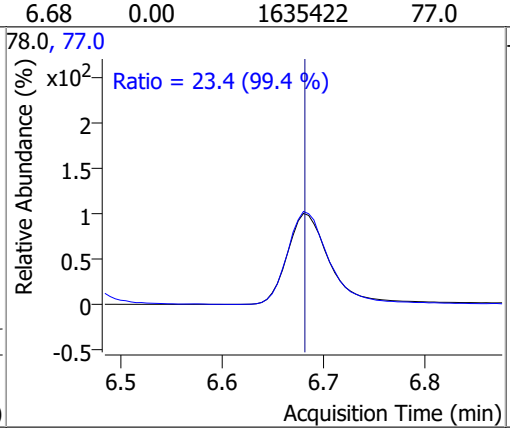


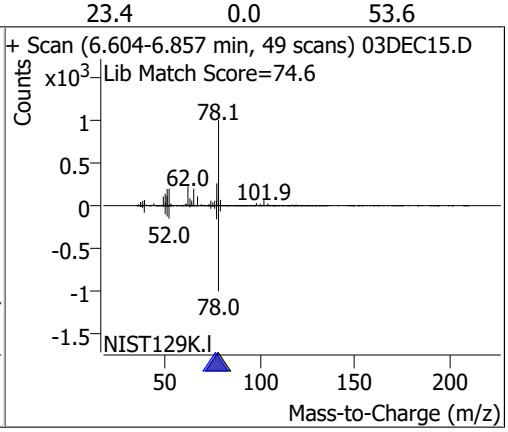




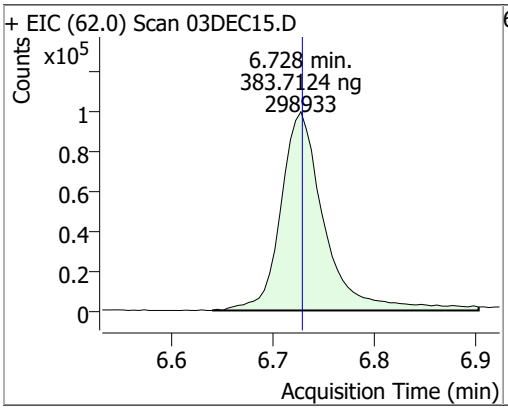
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	374.7900	6.68	0.00	1635422	77.0	23.4	0.0	53.6

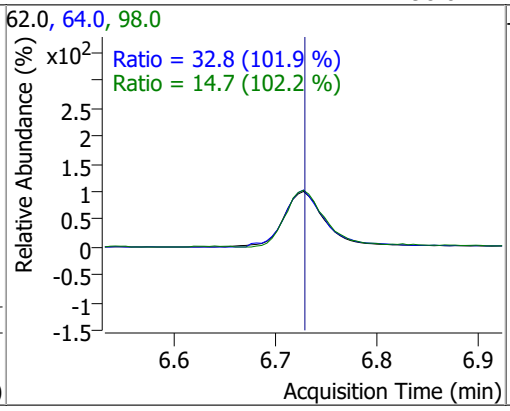


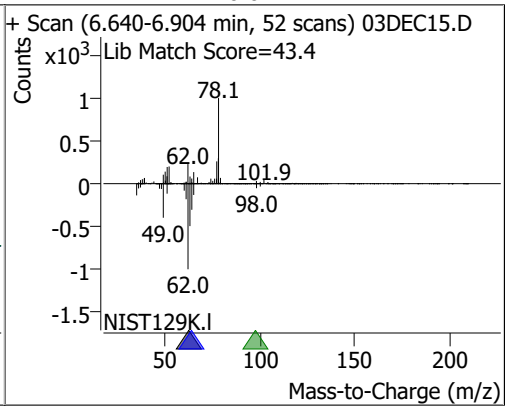




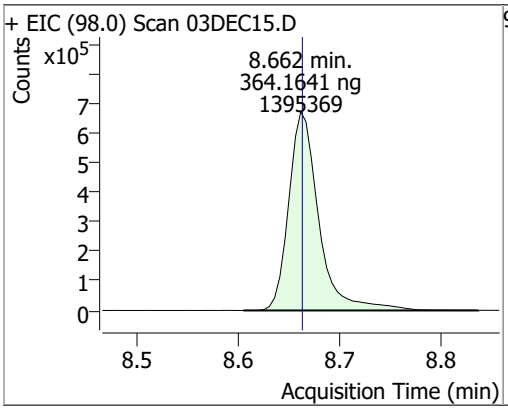
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	383.7124	6.73	0.00	298933	64.0	32.8	2.2	62.2
					98.0	14.7	0.0	44.4

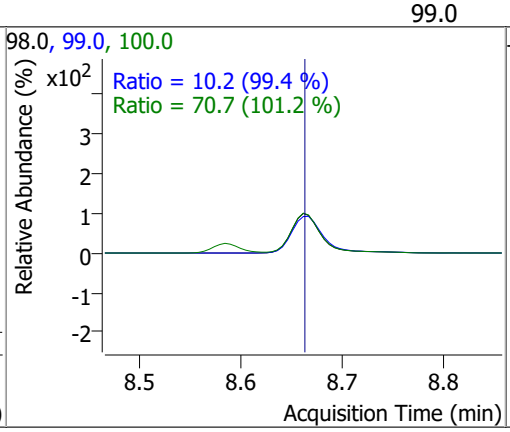


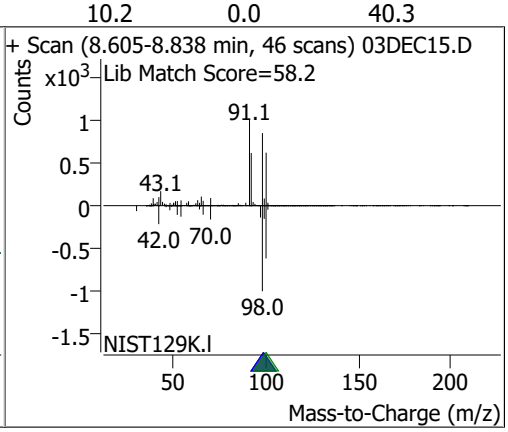




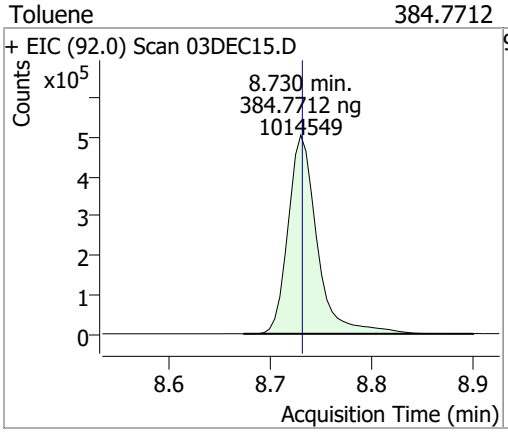
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	364.1641	8.66	0.00	1395369	100.0	70.7	39.9	99.9
					99.0	10.2	0.0	40.3

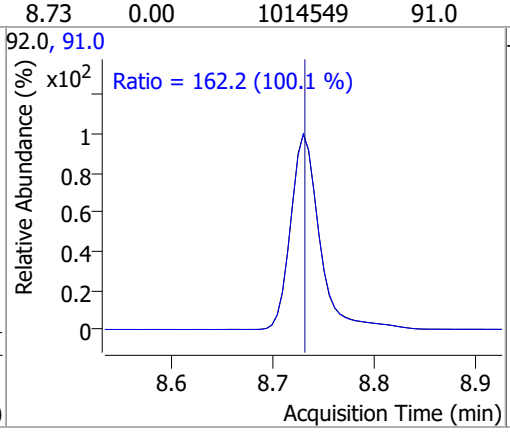


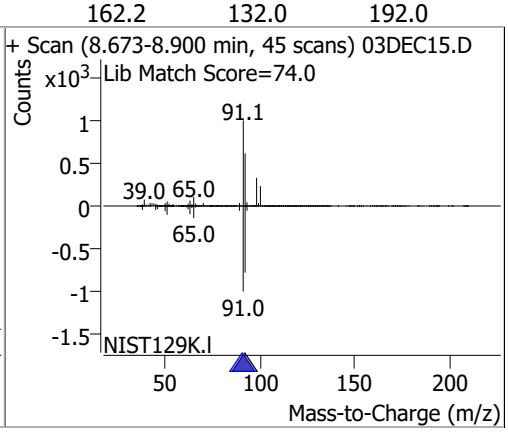




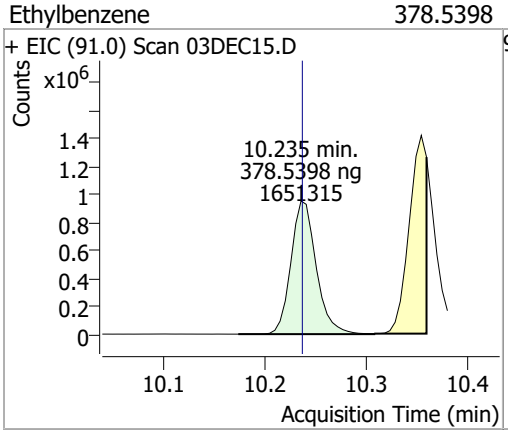
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	384.7712	8.73	0.00	1014549	91.0	162.2	132.0	192.0

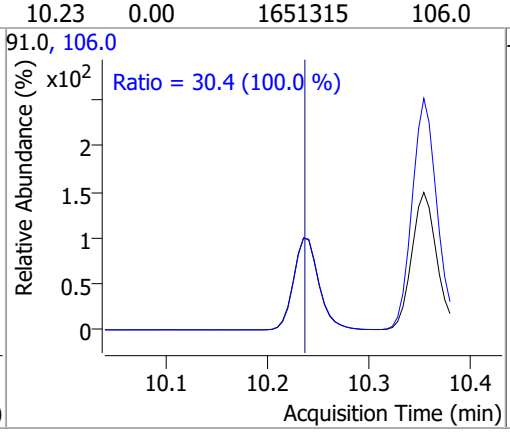


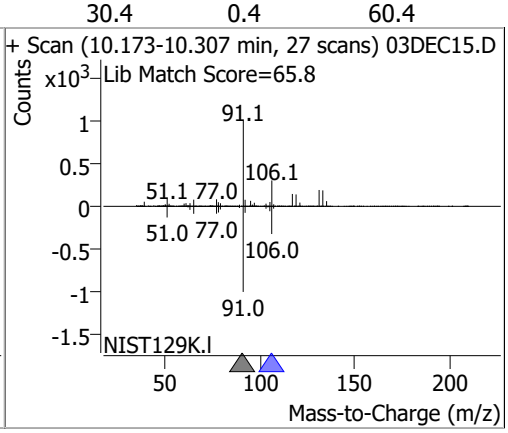




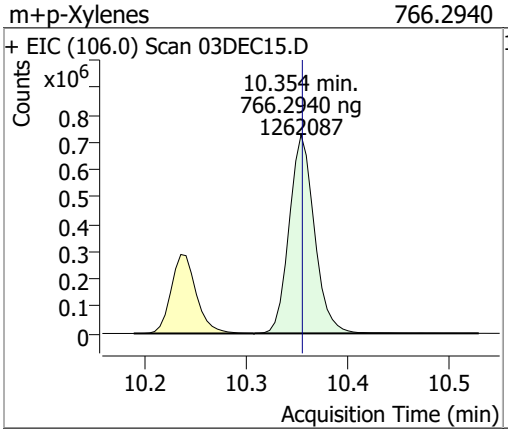
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	378.5398	10.23	0.00	1651315	106.0	30.4	0.4	60.4

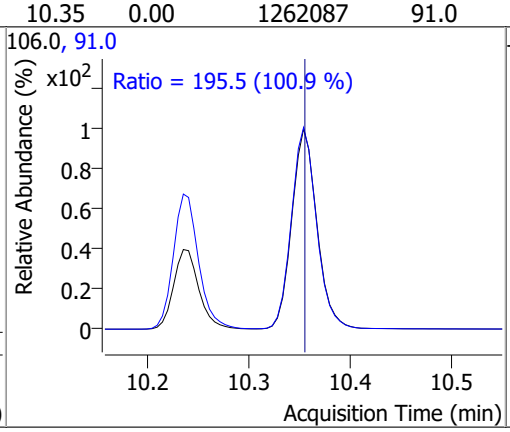


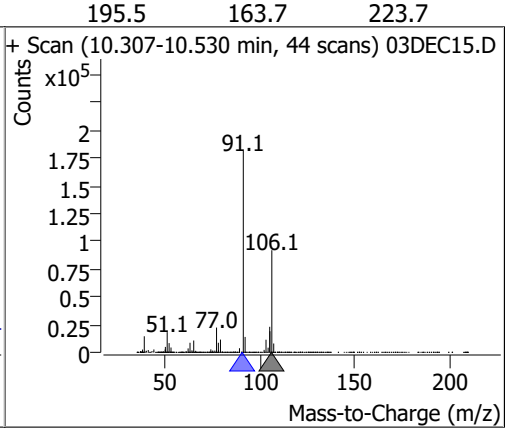




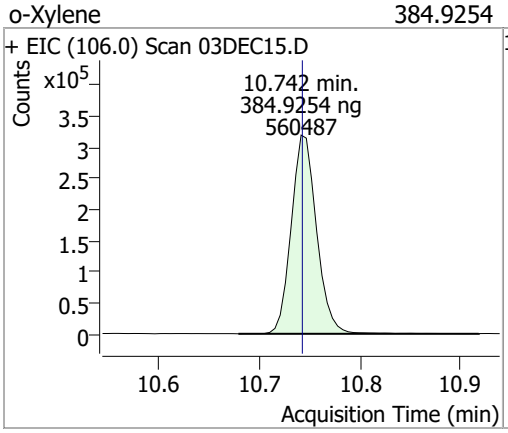
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	766.2940	10.35	0.00	1262087	91.0	195.5	163.7	223.7

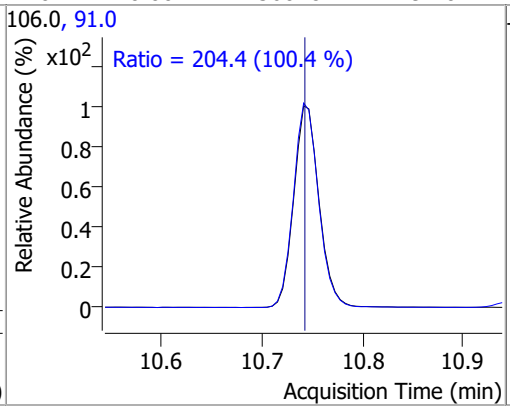


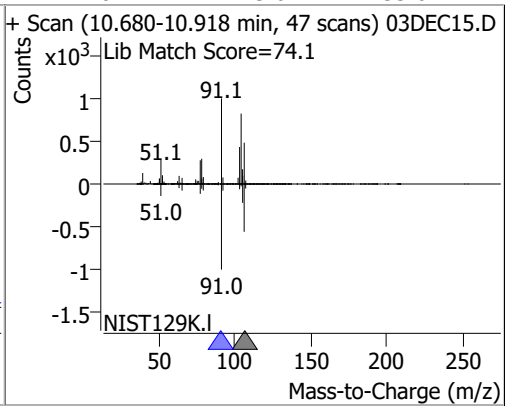




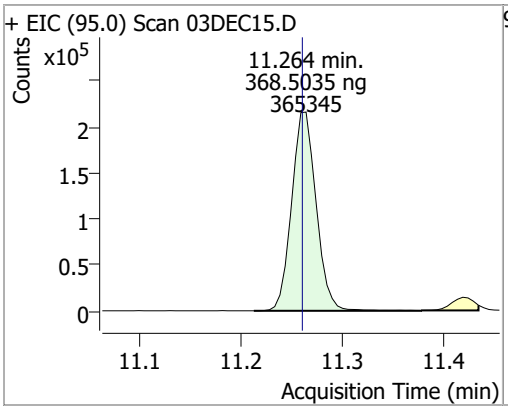
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	384.9254	10.74	0.00	560487	91.0	204.4	173.6	233.6

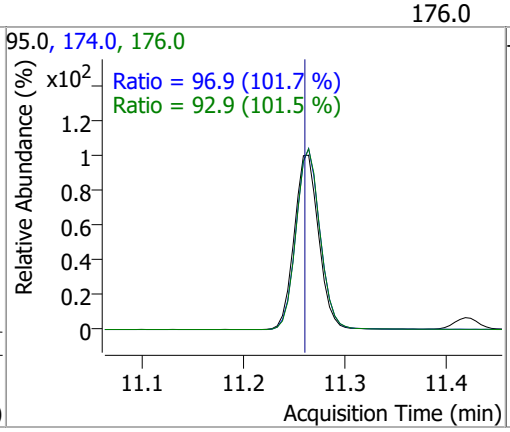


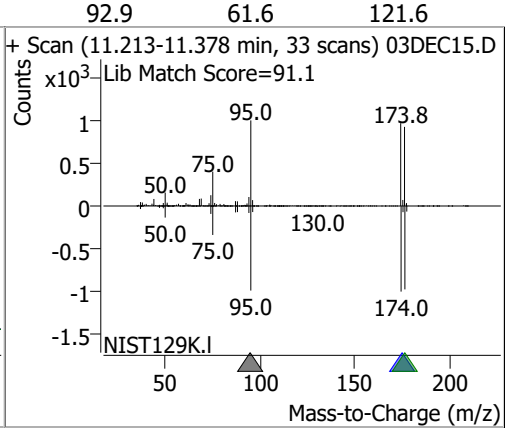




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	368.5035	11.26	0.00	365345	174.0	96.9	65.3	125.3
					176.0	92.9	61.6	121.6

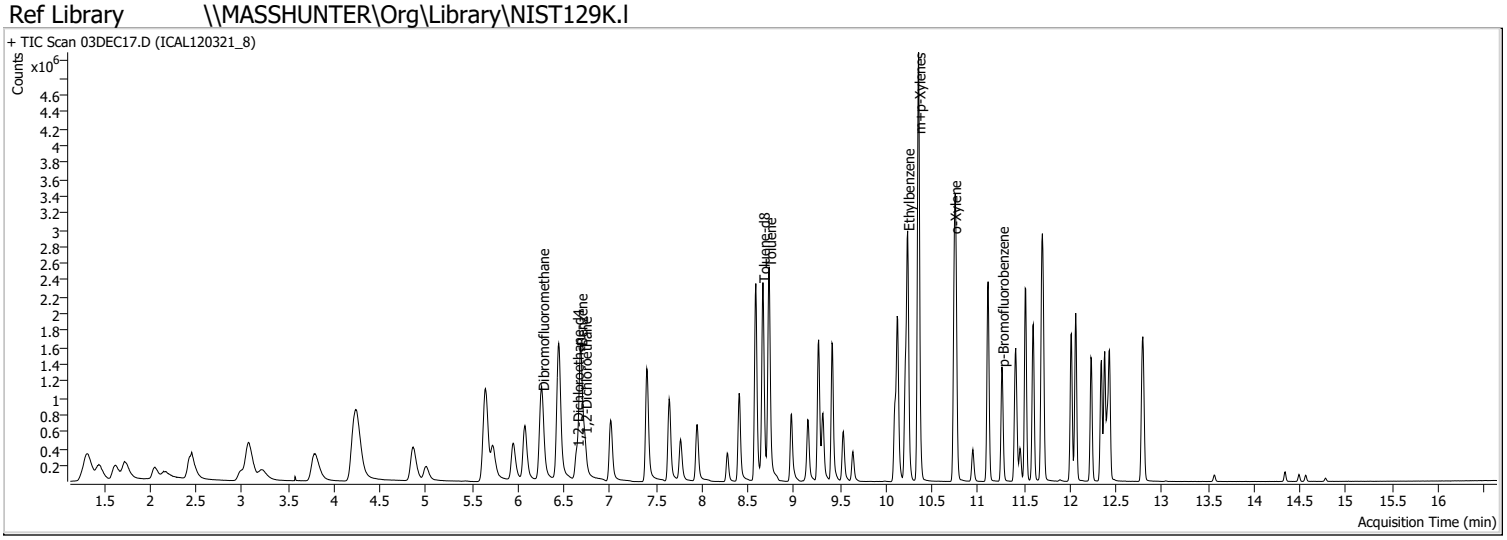






Quantitation Results Report (QT Reviewed)

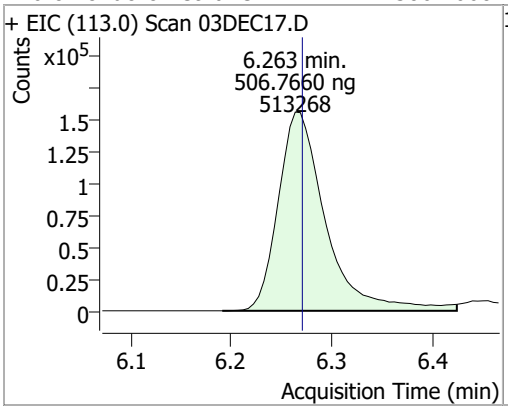
Data File	03DEC17.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 5:51:00 PM
Sample Name	ICAL120321_8	Instrument	GC/MS Ins
Vial	17	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

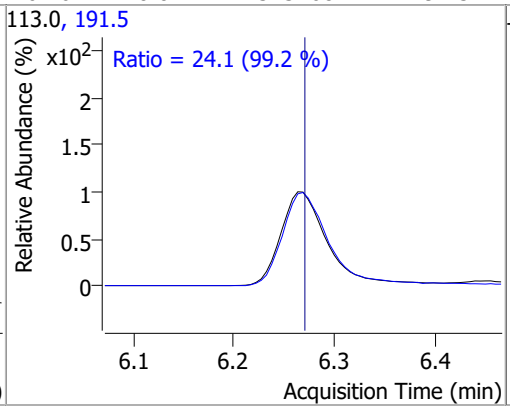


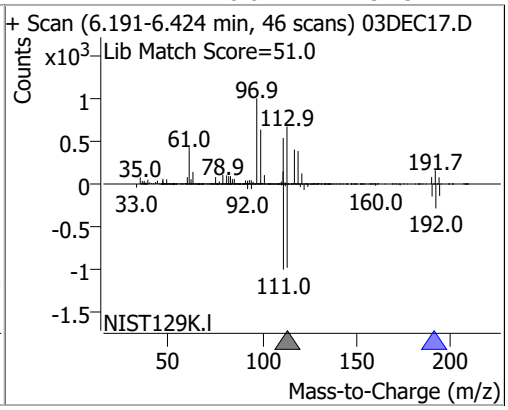
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.008	96.0	1015215	250.0000	ng		-0.005
M Chlorobenzene-d5	10.097	82.0	299661	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	208223	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	6.263	113.0	513268	506.7660	ng		-0.011
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 202.71%		*	
S 1,2-Dichloroethane-d4	6.641	67.0	180654	465.3381	ng		-0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 186.14%		*	
S Toluene-d8	8.664	98.0	1836967	498.9067	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 199.56%		*	
S p-Bromofluorobenzene	11.260	95.0	475104	492.0488	ng		0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 196.82%		*	
Target Compounds							**QValue**
T Benzene	6.682	78.0	2157964	510.1580	ng		100
T 1,2-Dichloroethane	6.729	62.0	399151	528.5323	ng		99
T Toluene	8.731	92.0	1323337	522.2878	ng		99
T Ethylbenzene	10.236	91.0	2161588	515.6612	ng		100
T m+p-Xylenes	10.355	106.0	1637853	1034.8824	ng		99
T o-Xylene	10.743	106.0	730880	522.3566	ng		99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

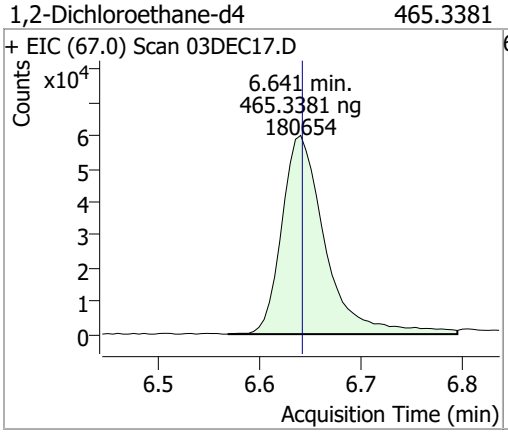
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	506.7660	6.26	-0.01	513268	191.5	24.1	0.0	54.3

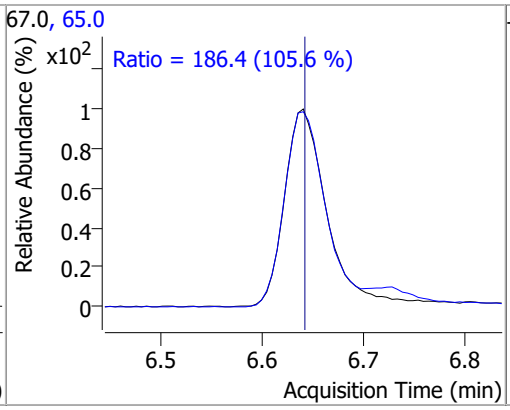


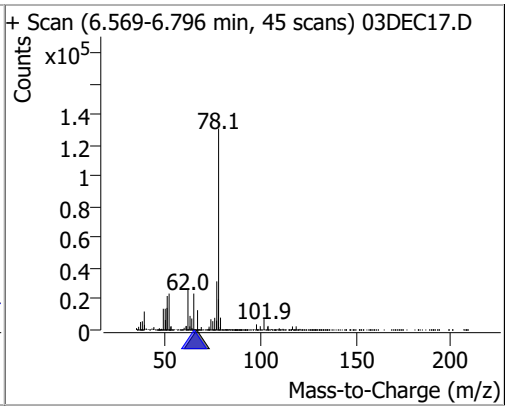




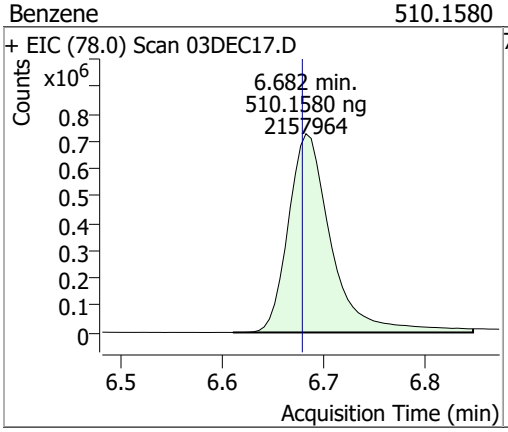
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	465.3381	6.64	-0.01	180654	65.0	186.4	146.6	206.6

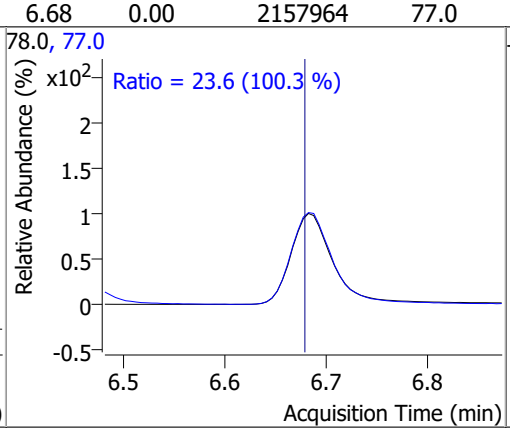


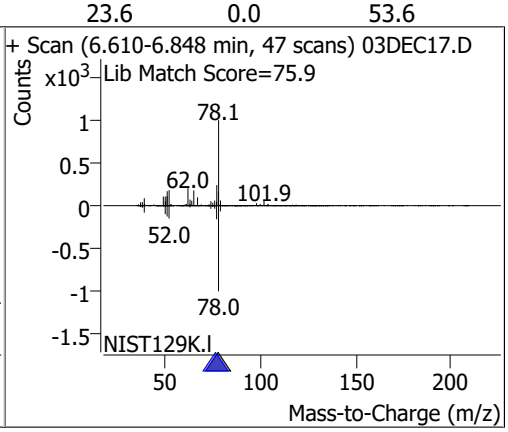




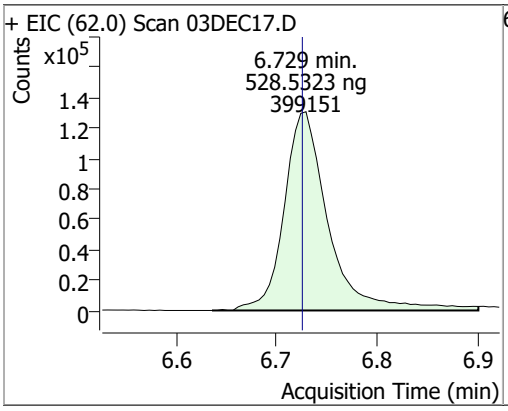
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	510.1580	6.68	0.00	2157964	77.0	23.6	0.0	53.6

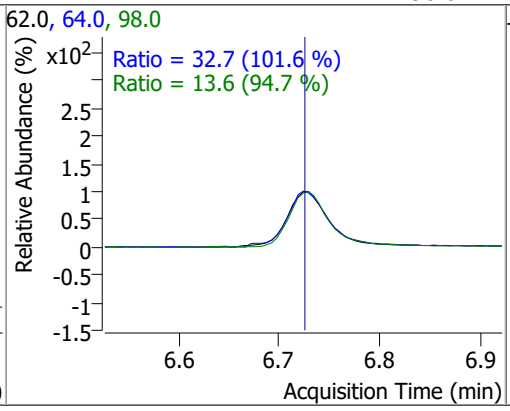


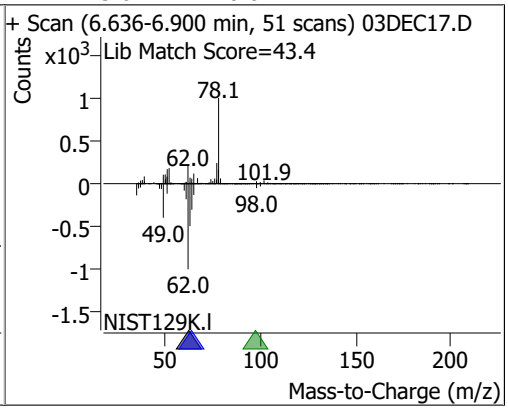




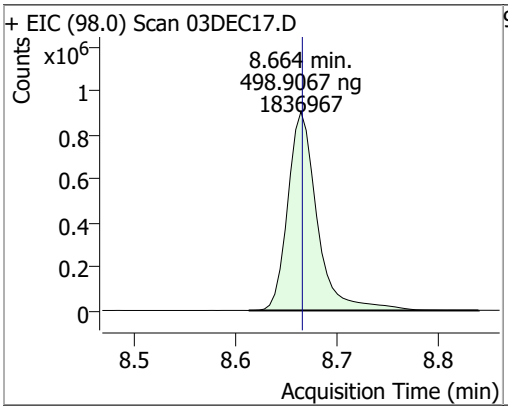
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	528.5323	6.73	0.00	399151	64.0	32.7	2.2	62.2
					98.0	13.6	0.0	44.4

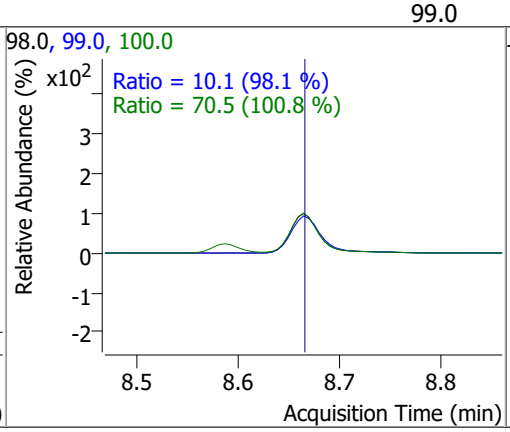


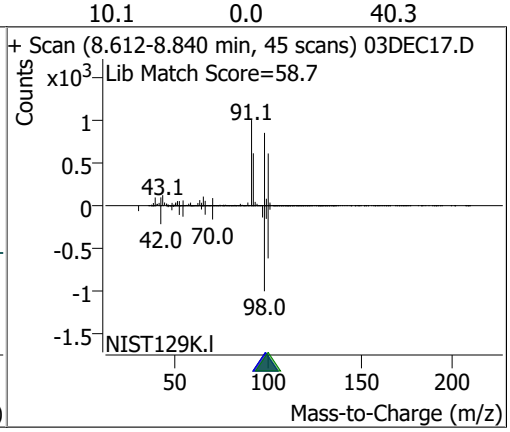




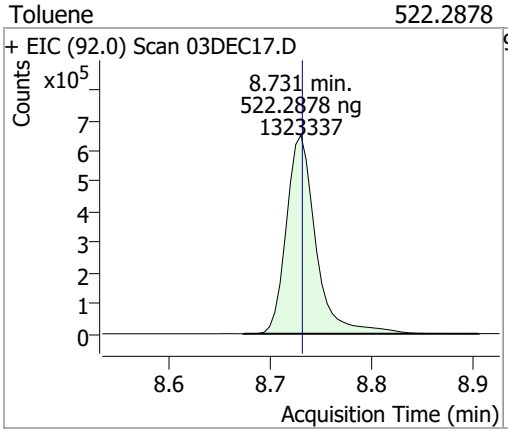
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	498.9067	8.66	0.00	1836967	100.0	70.5	39.9	99.9
					99.0	10.1	0.0	40.3

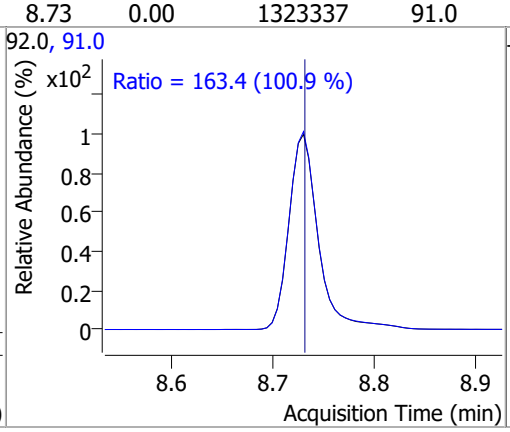


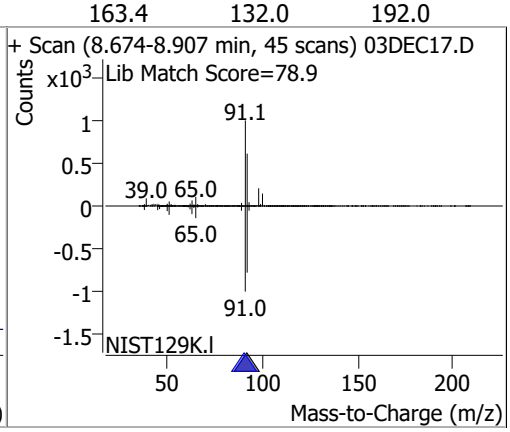




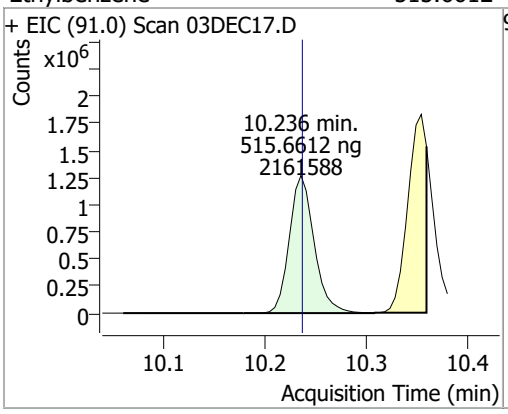
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	522.2878	8.73	0.00	1323337	91.0	163.4	132.0	192.0

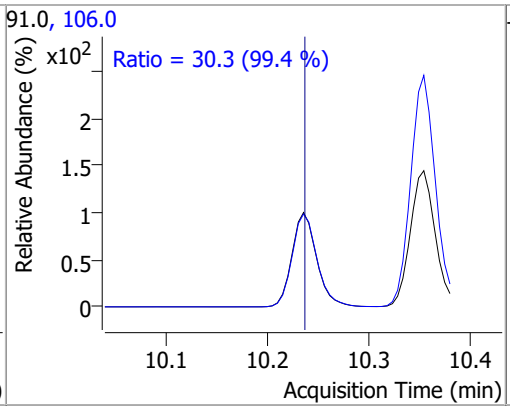


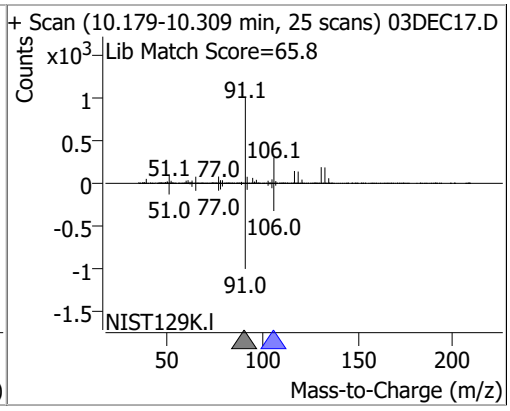




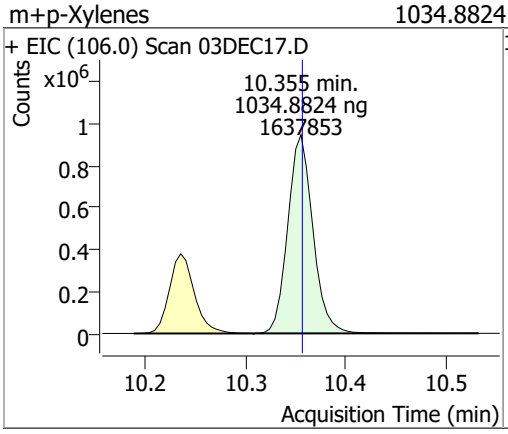
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	515.6612	10.24	0.00	2161588	106.0	30.3	0.4	60.4

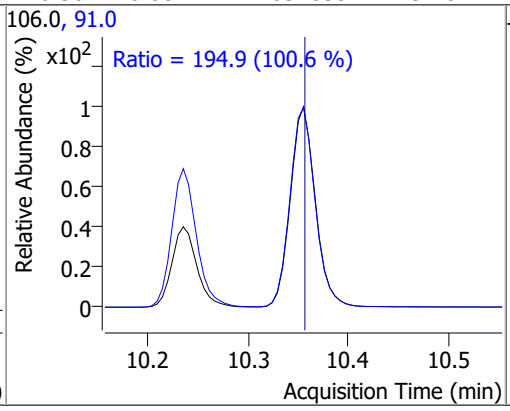


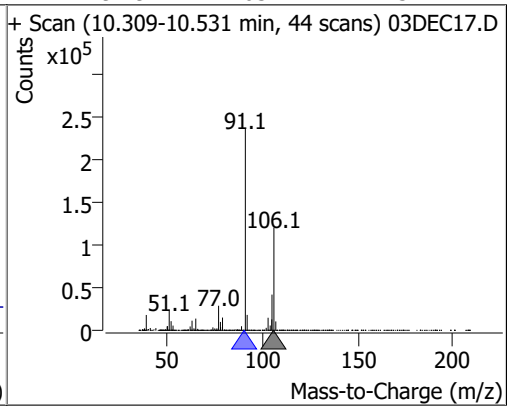




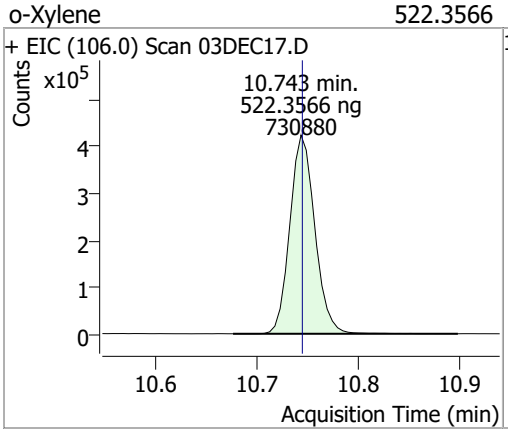
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	1034.8824	10.36	0.00	1637853	91.0	194.9	163.7	223.7

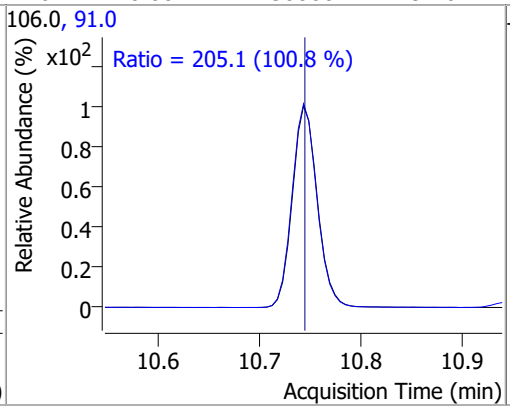


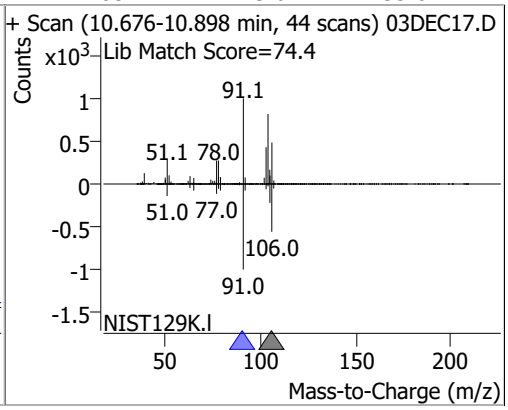




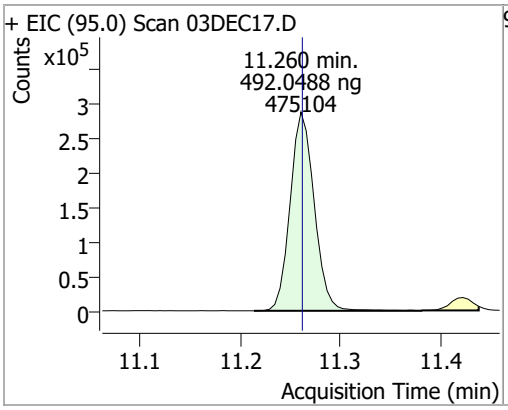
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	522.3566	10.74	0.00	730880	91.0	205.1	173.6	233.6

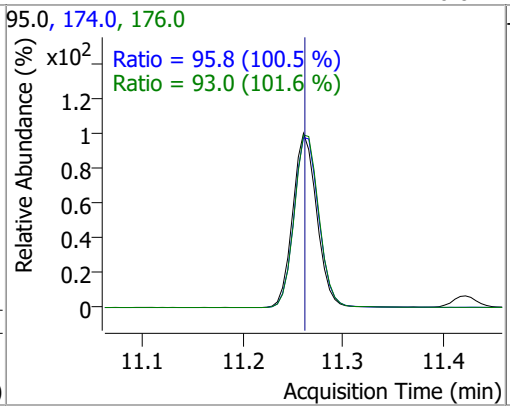


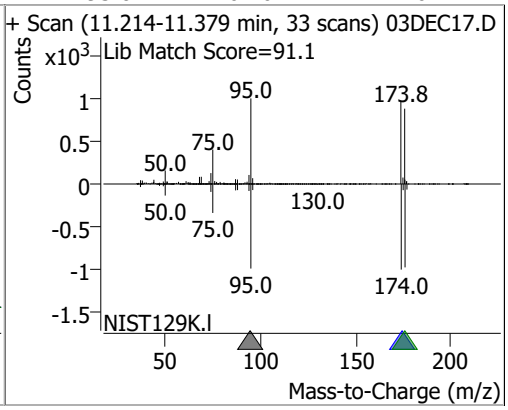




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	492.0488	11.26	0.00	475104	174.0	95.8	65.3	125.3
					176.0	93.0	61.6	121.6

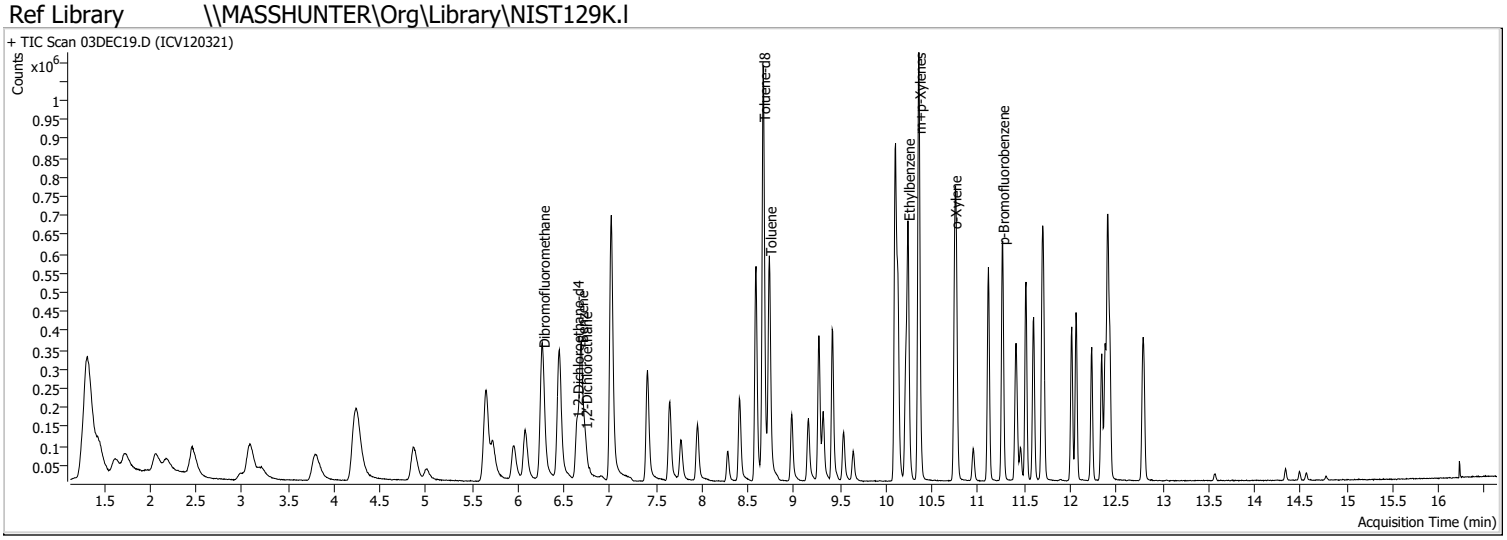






Quantitation Results Report (QT Reviewed)

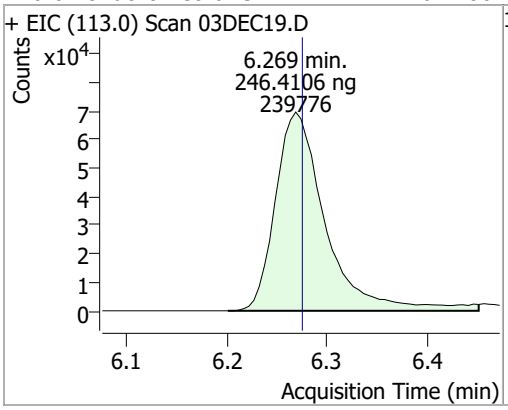
Data File	03DEC19.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/3/2021 6:42:00 PM
Sample Name	ICV120321	Instrument	GC/MS Ins
Vial	19	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB120321_8260B_624pt1_L4.batch.bin	Last Calib Update	12/6/2021 11:27:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

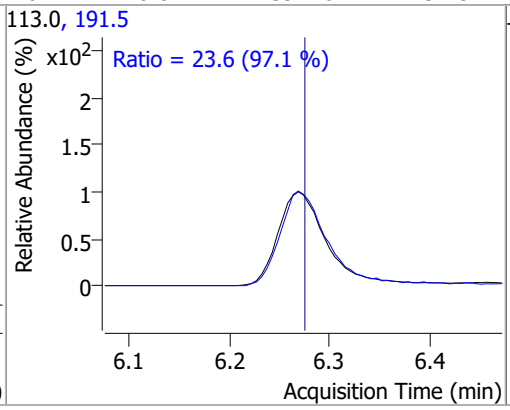


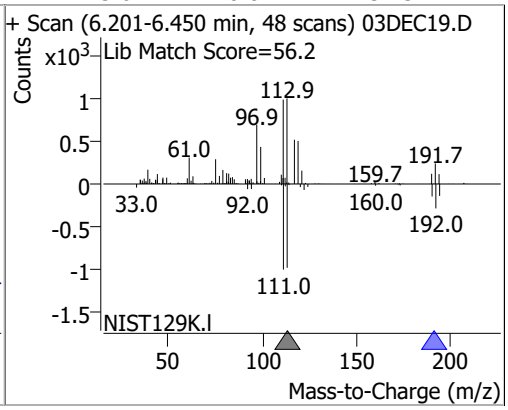
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.013	96.0	975366	250.0000	ng	0.000
M Chlorobenzene-d5	10.096	82.0	297342	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.404	152.0	196540	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	6.269	113.0	239776	246.4106	ng	-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.56%		
S 1,2-Dichloroethane-d4	6.641	67.0	85131	228.2439	ng	-0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 91.30%		
S Toluene-d8	8.664	98.0	855977	234.2901	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.72%		
S p-Bromofluorobenzene	11.260	95.0	222507	244.1411	ng	0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 97.66%		
Target Compounds						**QValue**
T Benzene	6.688	78.0	465506	114.5450	ng	99
T 1,2-Dichloroethane	6.729	62.0	85508	117.8505	ng	99
T Toluene	8.731	92.0	294430	117.1104	ng	99
T Ethylbenzene	10.236	91.0	486146	116.8779	ng	100
T m+p-Xylenes	10.355	106.0	362075	230.5625	ng	99
T o-Xylene	10.743	106.0	165978	119.5489	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

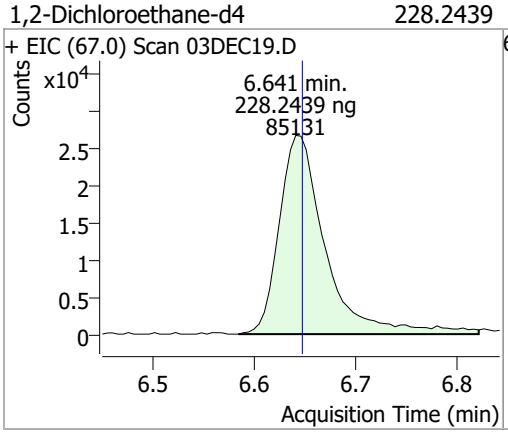
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	246.4106	6.27	-0.01	239776	191.5	23.6	0.0	54.3

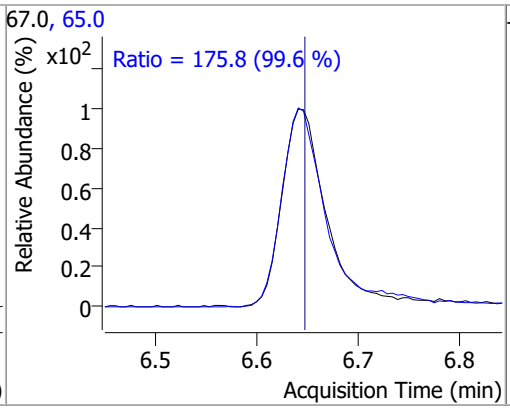


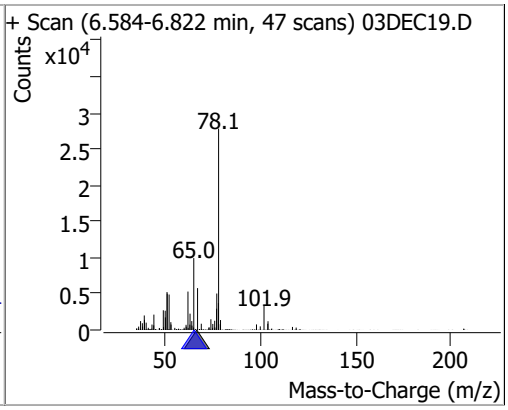




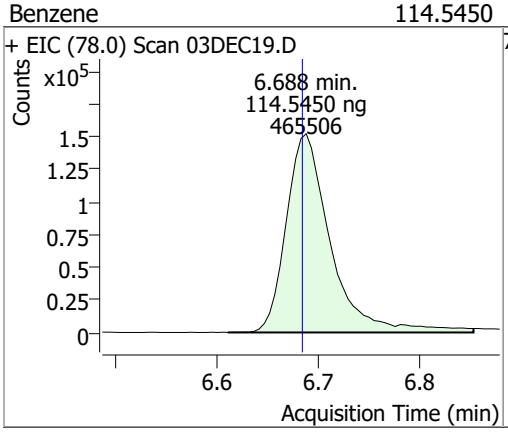
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	228.2439	6.64	-0.01	85131	65.0	175.8	146.6	206.6

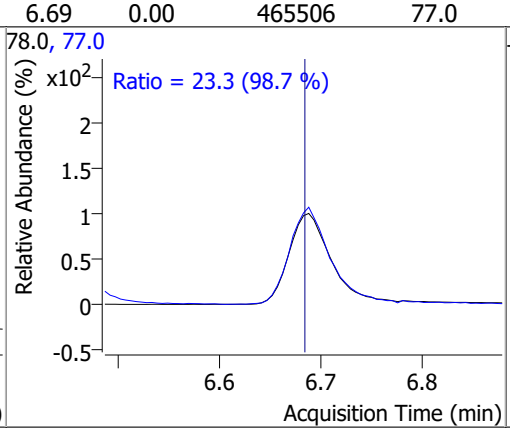


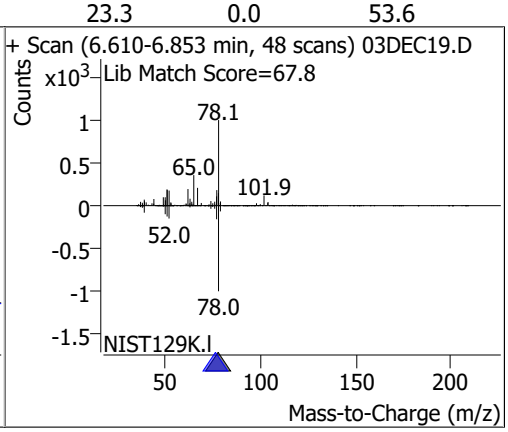




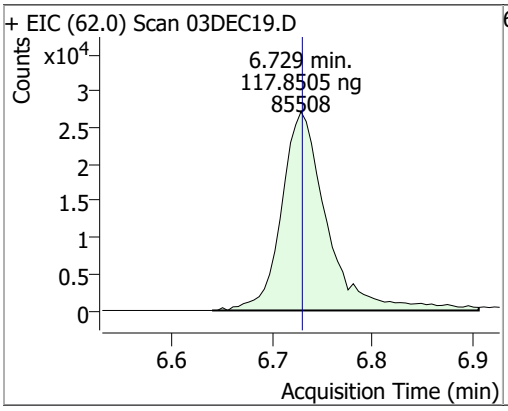
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	114.5450	6.69	0.00	465506	77.0	23.3	0.0	53.6

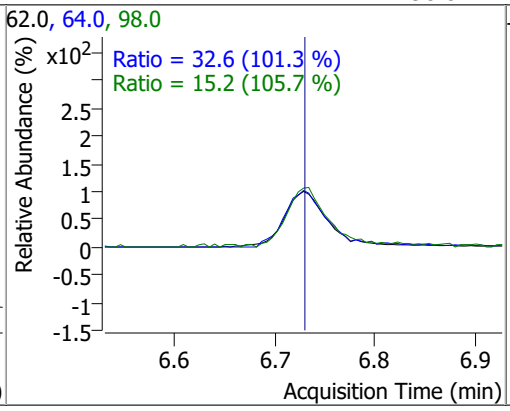


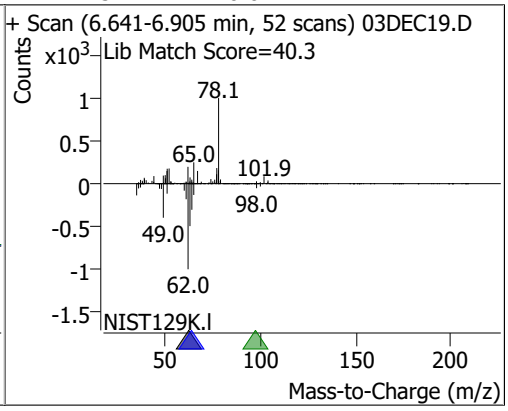




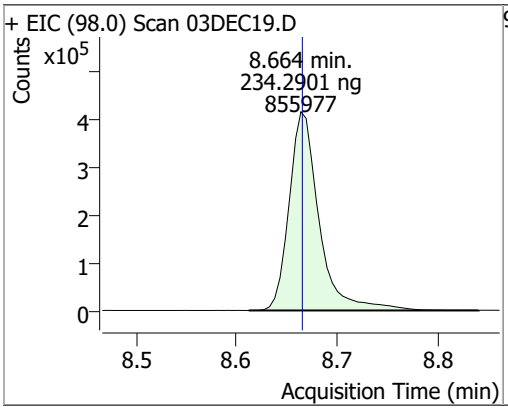
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	117.8505	6.73	0.00	85508	64.0	32.6	2.2	62.2
					98.0	15.2	0.0	44.4

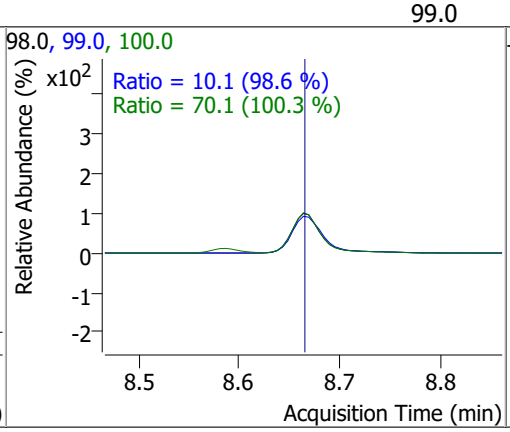


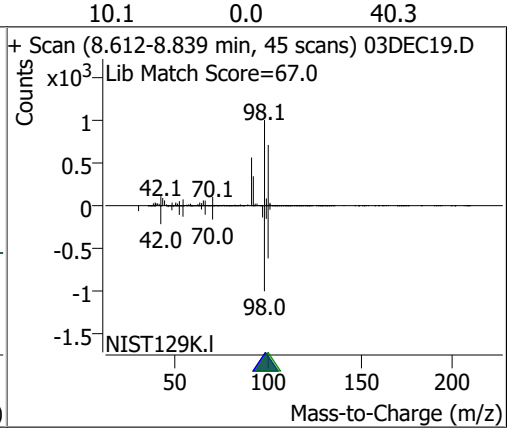




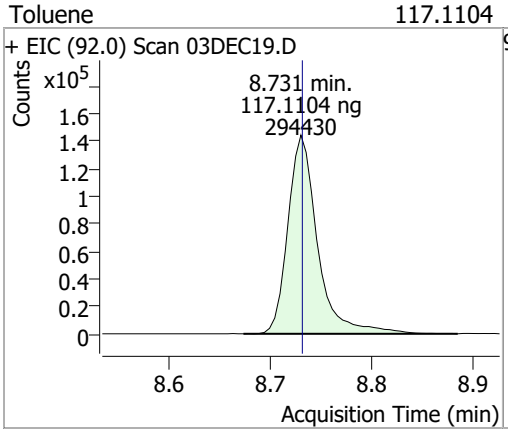
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	234.2901	8.66	0.00	855977	100.0	70.1	39.9	99.9
					99.0	10.1	0.0	40.3

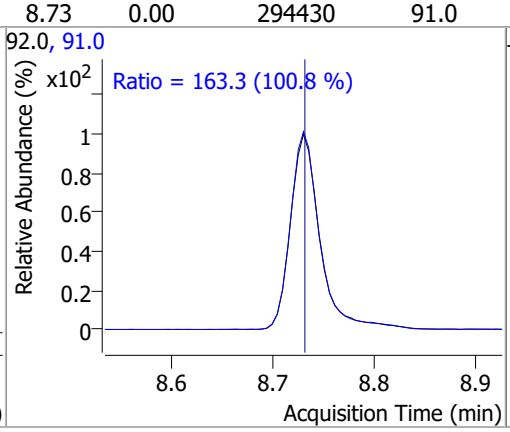


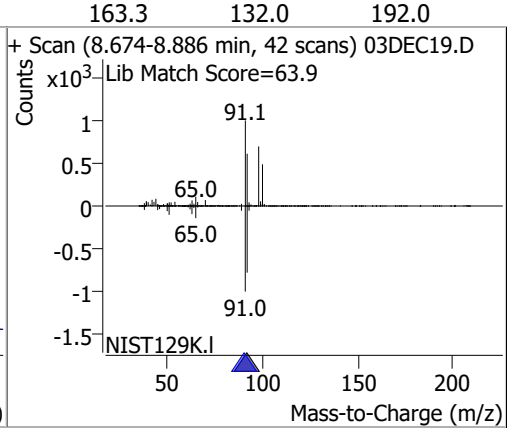




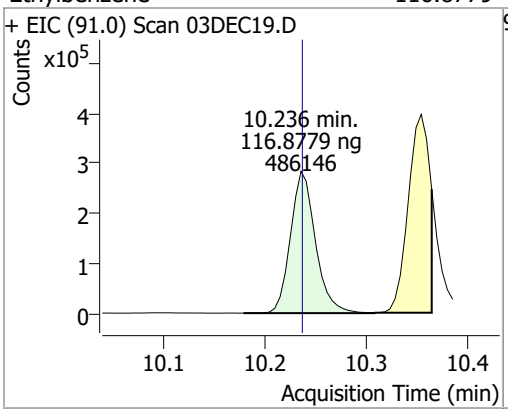
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	117.1104	8.73	0.00	294430	91.0	163.3	132.0	192.0

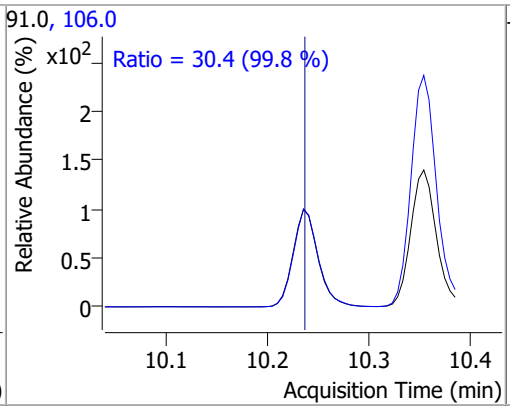


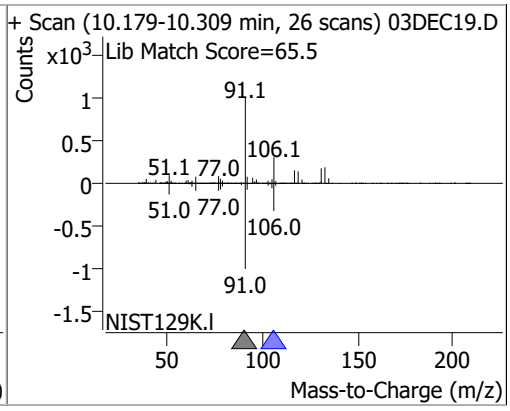




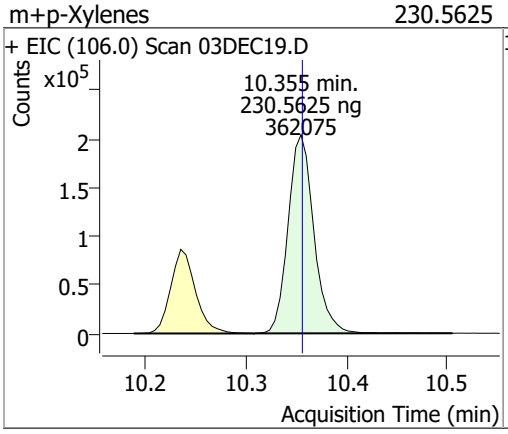
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	116.8779	10.24	0.00	486146	106.0	30.4	0.4	60.4

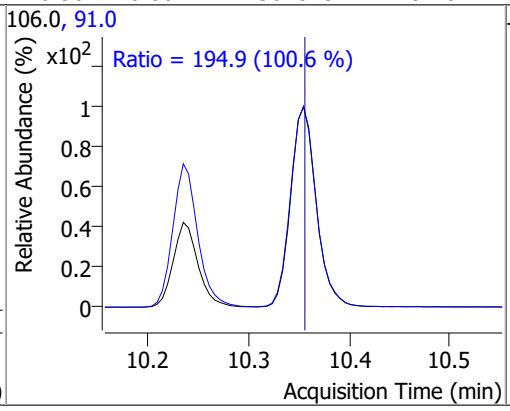


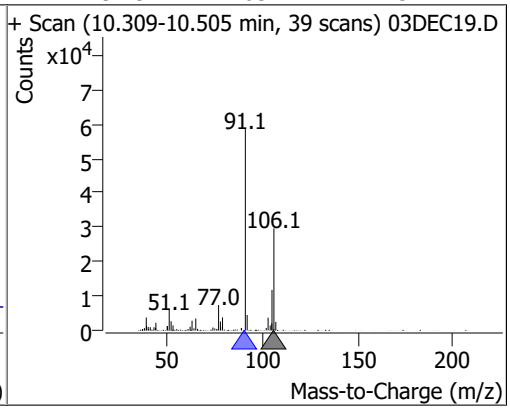




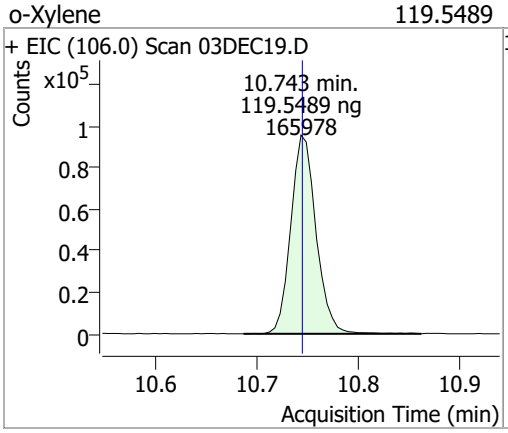
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	230.5625	10.36	0.00	362075	91.0	194.9	163.7	223.7

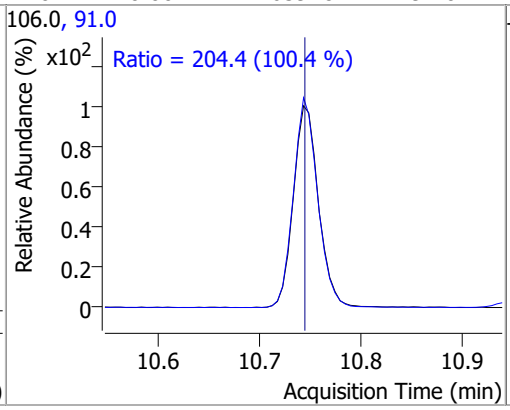


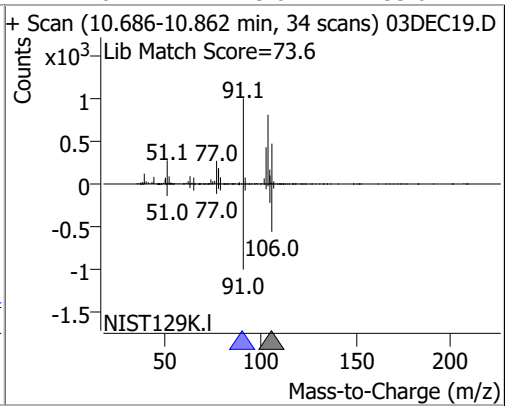




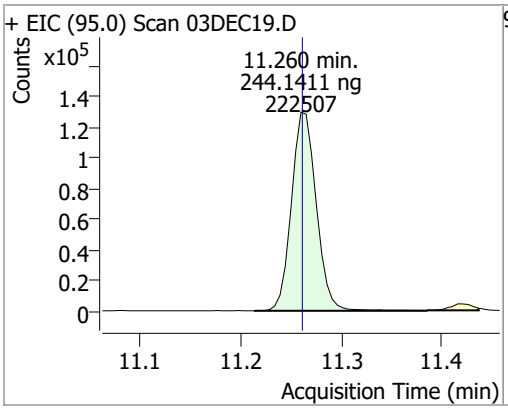
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	119.5489	10.74	0.00	165978	91.0	204.4	173.6	233.6

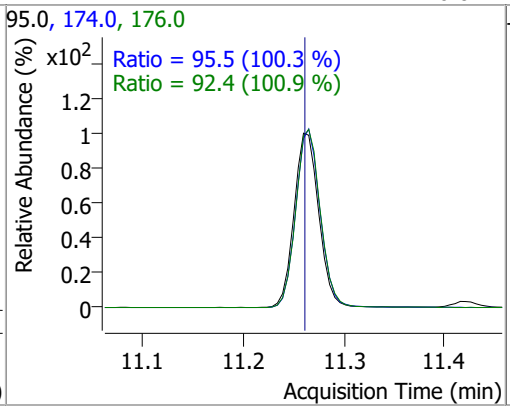


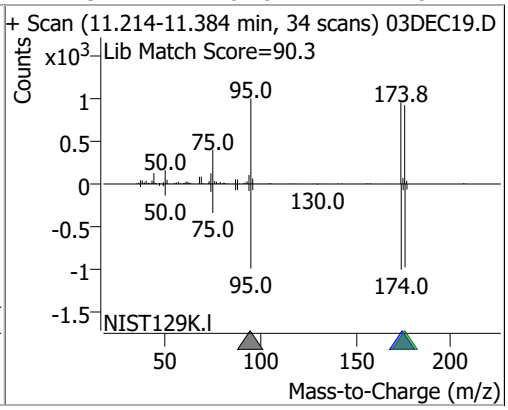




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	244.1411	11.26	0.00	222507	174.0	95.5	65.3	125.3
					176.0	92.4	61.6	121.6







Audit Trail report

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Batch name and path: D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\steve	12/3/2021 9:58:05 AM	Create new batch D:\Org\Data\SV5972.I\SB120321\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 9:58:18 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC01.D			✓	
CmdStartMethodEditing	BL2000\steve	12/3/2021 9:59:24 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\steve	12/3/2021 9:59:27 AM	Import method from batch D:\Org\Data\SV5972.I\SB112921\SB112921_8260B_624pt1.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/3/2021 9:59:36 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/3/2021 9:59:36 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/3/2021 9:59:37 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/3/2021 9:59:42 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 10:00:44 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 10:01:17 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 10:26:55 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 10:46:45 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/3/2021 11:16:36 AM	Open batch D:\Org\Data\SV5972.I\SB120321\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 11:19:11 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC02.D			✓	
CmdQuantitate	BL2000\steve	12/3/2021 11:19:17 AM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 11:55:05 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC03.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 11:55:16 AM	Set SampleType = TuneCheck for sample 03DEC03.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/3/2021 12:15:04 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 12:16:43 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 12:58:12 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC04.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 12:58:17 PM	Set SampleType = TuneCheck for sample 03DEC04.D; previous value = Sample			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 1:52:52 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC06.D, D:\Org\Data\SV5972.I\SB120321\03DEC05.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 1:53:11 PM	Set SampleType = Blank for sample 03DEC05.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 1:53:16 PM	Set SampleType = Calibration for sample 03DEC06.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 1:53:22 PM	Set LevelName = 1 for sample 03DEC06.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/3/2021 1:53:32 PM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\steve	12/3/2021 1:54:21 PM	Zero out primary peak of compound Dichlorodifluoromethane in sample 03DEC05.D			✓	
CmdZeroOutPeak	BL2000\steve	12/3/2021 1:54:25 PM	Zero out primary peak of compound Bromomethane in sample 03DEC05.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:54:58 PM	Manually integrate qualifier87.0 of compound Dichlorodifluoromethane in sample 03DEC06.D from x, y = 1.406, 0 to 1.530, 0; result = 859			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:55:08 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 03DEC06.D from x, y = 1.556, 0 to 1.773, 0; result = 1983			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:55:21 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC06.D, from x, y = 1.722, 977 to 1.742, 977, result = 274; previous integration is from x, y = 1.535, 218 to 1.897, 218 and previous response = 15101.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:55:29 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC06.D, from x, y = 1.665, 928 to 1.753, 906, result = 1252; previous integration is from x, y = 1.722, 977 to 1.742, 977 and previous response = 274.			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 1:55:44 PM	Manually integrate compound Bromomethane in sample 03DEC06.D, from x, y = 2.001, 205 to 2.177, 205, result = 4416; previous integration is from x, y = 2.001, 205 to 2.337, 205 and previous response = 4230.			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 1:55:51 PM	Manually integrate compound Bromomethane in sample 03DEC06.D, from x, y = 2.001, 205 to 2.125, 204, result = 2148; previous integration is from x, y = 2.001, 205 to 2.363, 205 and previous response = 4416.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:55:58 PM	Manually integrate qualifier 94.0 of compound Bromomethane in sample 03DEC06.D, from x, y = 2.001, 189 to 2.156, 236, result = 1742; previous integration is from x, y = 1.970, 0 to 2.337, 0 and previous response = 7248.			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 1:56:16 PM	Manually integrate compound Chloroethane in sample 03DEC06.D from x, y = 2.104, 438 to 2.270, 468; result = 2532			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:56:21 PM	Manually integrate qualifier66.0 of compound Chloroethane in sample 03DEC06.D from x, y = 2.161, 167 to 2.218, 189; result = 429			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:56:29 PM	Manually integrate qualifier103.0 of compound Trichlorofluoromethane in sample 03DEC06.D from x, y = 2.394, 0 to 2.580, 0; result = 2471			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 1:56:39 PM	Manually integrate compound Acrolein in sample 03DEC06.D from x, y = 2.948, 252 to 3.103, 256; result = 2031			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:56:44 PM	Manually integrate qualifier55.0 of compound Acrolein in sample 03DEC06.D from x, y = 2.994, 460 to 3.025, 495; result = 264			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:56:52 PM	Manually integrate qualifier 55.0 of compound Acrolein in sample 03DEC06.D, from x, y = 2.958, 384 to 3.061, 423, result = 1336; previous integration is from x, y = 2.994, 460 to 3.025, 495 and previous response = 264.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:57:02 PM	Manually integrate qualifier63.0 of compound 1,1-Dichloroethene in sample 03DEC06.D from x, y = 3.046, 0 to 3.170, 0; result = 978			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:57:10 PM	Manually integrate compound Acetone in sample 03DEC06.D from x, y = 3.160, 1109 to 3.263, 1213; result = 2284			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:57:16 PM	Manually integrate qualifier58.0 of compound Acetone in sample 03DEC06.D from x, y = 3.170, 196 to 3.279, 261; result = 897			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:57:27 PM	Manually integrate compound Acetone in sample 03DEC06.D, from x, y = 3.160, 1109 to 3.304, 1122, result = 3319; previous integration is from x, y = 3.160, 1109 to 3.263, 1213 and previous response = 2284.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:57:36 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 03DEC06.D from x, y = 3.734, 0 to 3.889, 0; result = 1970			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:57:46 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.189, 0 to 4.339, 0, result = 4502; previous integration is from x, y = 4.189, 0 to 4.313, 0 and previous response = 2895.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:57:51 PM	Manually integrate qualifier 52.0 of compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.189, 0 to 4.344, 0, result = 2157; previous integration is from x, y = 4.225, 0 to 4.344, 0 and previous response = 2157.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 52.0 of compound Acrylonitrile in sample ICAL120321_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 52.0 of compound Acrylonitrile in sample ICAL120321_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.M

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:57:58 PM	Manually integrate qualifier51.0 of compound Acrylonitrile in sample 03DEC06.D from x, y = 4.230, 7 to 4.380, 0; result = 2052			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 1:58:02 PM	Manually integrate qualifier 52.0 of compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.184, 0 to 4.344, 0, result = 2157; previous integration is from x, y = 4.225, 0 to 4.344, 0 and previous response = 2157.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 52.0 of compound Acrylonitrile in sample ICAL120321_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 52.0 of compound Acrylonitrile in sample ICAL120321_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.M

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:58:08 PM	Manually integrate qualifier 52.0 of compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.179, 0 to 4.411, 0, result = 2721; previous integration is from x, y = 4.225, 0 to 4.344, 0 and previous response = 2157.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:58:22 PM	Manually integrate qualifier 61.0 of compound trans-1,2-Dichloroethene in sample 03DEC06.D, from x, y = 4.163, 0 to 4.318, 0, result = 3987; previous integration is from x, y = 4.163, 0 to 4.251, 0 and previous response = 2150.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:58:26 PM	Manually integrate qualifier98.0 of compound trans-1,2-Dichloroethene in sample 03DEC06.D from x, y = 4.174, 0 to 4.318, 0; result = 2785			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 1:58:35 PM	Manually integrate qualifier57.0 of compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D from x, y = 4.241, 271 to 4.318, 254; result = 2048			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:58:39 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:58:44 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 1:59:03 PM	Set UserAnnotation = GT for compound Bromomethane in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 1:59:19 PM	Set UserAnnotation = LT for compound Chloroethane in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 1:59:30 PM	Set UserAnnotation = LT for compound Acrolein in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 1:59:36 PM	Set UserAnnotation = LT for compound Acetone in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:59:54 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.189, 0 to 4.339, 0, result = 4502; previous integration is from x, y = 4.189, 0 to 4.437, 0 and previous response = 4502.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 1:59:58 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.189, 0 to 4.339, 0, result = 4502; previous integration is from x, y = 4.189, 0 to 4.437, 0 and previous response = 4502.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:07 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.174, 0 to 4.339, 0, result = 4554; previous integration is from x, y = 4.189, 0 to 4.437, 0 and previous response = 4502.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:12 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.313, 180 to 4.437, -39, result = 1081; previous integration is from x, y = 4.174, 0 to 4.437, 0 and previous response = 4554.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:17 PM	Manually integrate compound Acrylonitrile in sample 03DEC06.D, from x, y = 4.189, 0 to 4.375, 0, result = 3880; previous integration is from x, y = 4.313, 180 to 4.437, -39 and previous response = 1081.			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:00:24 PM	Set UserAnnotation = LT for compound Acrylonitrile in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:34 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdSelectPeak	BL2000\steve	12/3/2021 2:00:36 PM	Select peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:40 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:00:49 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.189, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdSelectPeak	BL2000\steve	12/3/2021 2:00:51 PM	Select peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:00:58 PM	Manually integrate qualifier 57.0 of compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.241, 271 to 4.313, 271, result = 919; previous integration is from x, y = 4.241, 271 to 4.474, 254 and previous response = 2048.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:01:07 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.189, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:01:22 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.251, 429 to 4.303, 490, result = 773; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:01:26 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.303, 490, result = 0; previous integration is from x, y = 4.251, 429 to 4.303, 490 and previous response = 773.			✓	
CmdSelectPeak	BL2000\steve	12/3/2021 2:01:30 PM	Select peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:01:40 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.148, 0 to 4.448, 0, result = 5917; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:01:46 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.189, 0 to 4.448, 0, result = 0; previous integration is from x, y = 4.148, 0 to 4.448, 0 and previous response = 5917.			✓	
CmdSelectPeak	BL2000\steve	12/3/2021 2:02:03 PM	Select peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:11 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:16 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.396, 0 to 4.474, 0, result = 602; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:19 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.396, 0 to 4.406, -10, result = 115; previous integration is from x, y = 4.396, 0 to 4.474, 0 and previous response = 602.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:24 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.406, -10, result = 0; previous integration is from x, y = 4.396, 0 to 4.406, -10 and previous response = 115.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:29 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.396, 279 to 4.474, 0, result = -46; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:38 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.137, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.396, 279 to 4.474, 0 and previous response = -46.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:42 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.422, 11 to 4.474, 0, result = 278; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:49 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.251, 0 to 4.386, 18, result = 4017; previous integration is from x, y = 4.422, 11 to 4.474, 0 and previous response = 278.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:02:52 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.251, 0 to 4.396, 0, result = 4143; previous integration is from x, y = 4.251, 0 to 4.386, 18 and previous response = 4017.			✓	
CmdClearManualIntegration	BL2000\steve	12/3/2021 2:02:53 PM	Clear manual integration of target signal for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:03:22 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:03:30 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.386, -10 to 4.474, 0, result = 681; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:03:35 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.184, 0 to 4.474, 0, result = 0; previous integration is from x, y = 4.386, -10 to 4.474, 0 and previous response = 681.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:03:44 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.189, 0 to 4.396, 0, result = 0; previous integration is from x, y = 4.474, 0 to 4.474, 0 and previous response = 0.			✓	
CmdSelectPeak	BL2000\steve	12/3/2021 2:03:46 PM	Select peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdClearManualIntegration	BL2000\steve	12/3/2021 2:03:50 PM	Clear manual integration of target signal for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D			✓	
CmdManuallyIntegrateMerge	BL2000\steve	12/3/2021 2:04:06 PM	Merge peak with left peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, new integration is from x, y = 4.251, 0 to 4.396, 0 and new response = 4143; previous integration is from x, y= 4.251, 0 to 4.396, 0 and previous response =4143.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateMerge	BL2000\steve	12/3/2021 2:04:09 PM	Merge peak with left peak for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, new integration is from x, y = 4.251, 0 to 4.396, 0 and new response = 4143; previous integration is from x, y= 4.251, 0 to 4.396, 0 and previous response =4143.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:04:19 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D, from x, y = 4.210, 175 to 4.396, 0, result = 4055; previous integration is from x, y = 4.251, 0 to 4.396, 0 and previous response = 4143.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\steve	12/3/2021 2:04:28 PM	Drop baseline for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D to y = 0, new integration is from x, y = 4.210, 0 to 4.396, 0 and new response = 5032; previous integration is from x, y = 4.210, 175 to 4.396, 0 and previous response = 4055.			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:04:33 PM	Set UserAnnotation = LT for compound Methyl tert-butyl ether (MTBE) in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:04:42 PM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 03DEC06.D from x, y = 4.815, 0 to 4.960, 0; result = 1589			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:04:47 PM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 03DEC06.D from x, y = 4.794, 0 to 4.939, 0; result = 1620			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:04:53 PM	Manually integrate compound 1,1-Dichloroethane in sample 03DEC06.D, from x, y = 4.810, 0 to 5.012, 0, result = 4357; previous integration is from x, y = 4.810, 0 to 4.960, 0 and previous response = 4023.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:05:07 PM	Manually integrate compound Vinyl acetate in sample 03DEC06.D from x, y = 4.975, 1109 to 5.074, 1062; result = 2354			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:05:19 PM	Manually integrate qualifier97.0 of compound 2,2-Dichloropropane in sample 03DEC06.D from x, y = 5.596, 3 to 5.710, 3; result = 1468			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	BL2000\steve	12/3/2021 2:05:24 PM	Drop baseline for compound 2,2-Dichloropropane in sample 03DEC06.D to y = 86, new integration is from x, y = 5.586, 86 to 5.736, 86 and new response = 3934; previous integration is from x, y = 5.586, 86 to 5.736, 169 and previous response = 3561.			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:05:33 PM	Set UserAnnotation = LT for compound 1,1-Dichloroethane in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:05:38 PM	Set UserAnnotation = NI for compound Vinyl acetate in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:05:43 PM	Set UserAnnotation = LT for compound 2,2-Dichloropropane in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:05:53 PM	Manually integrate qualifier98.0 of compound cis-1,2-Dichloroethene in sample 03DEC06.D from x, y = 5.606, 0 to 5.736, 0; result = 2175			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:06:05 PM	Manually integrate compound Methyl ethyl ketone in sample 03DEC06.D, from x, y = 5.710, 1048 to 5.829, 1049, result = 4310; previous integration is from x, y = 5.746, 1049 to 5.829, 1049 and previous response = 2784.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:06:09 PM	Manually integrate qualifier72.0 of compound Methyl ethyl ketone in sample 03DEC06.D from x, y = 5.700, 0 to 5.824, 0; result = 1018			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:06:14 PM	Set UserAnnotation = LT for compound Methyl ethyl ketone in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:06:23 PM	Manually integrate compound Bromochloromethane in sample 03DEC06.D from x, y = 5.912, 0 to 6.020, 0; result = 982			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:06:27 PM	Manually integrate qualifier49.0 of compound Bromochloromethane in sample 03DEC06.D from x, y = 5.922, 0 to 6.015, 0; result = 1404			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:06:37 PM	Set UserAnnotation = NI for compound Bromochloromethane in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:01 PM	Manually integrate qualifier191.5 of compound Dibromofluoromethane in sample 03DEC06.D from x, y = 6.227, 0 to 6.315, 0; result = 349			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:06 PM	Manually integrate qualifier99.0 of compound 1,1,1-Trichloroethane in sample 03DEC06.D from x, y = 6.191, 0 to 6.331, 0; result = 1980			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:09 PM	Manually integrate qualifier61.0 of compound 1,1,1-Trichloroethane in sample 03DEC06.D from x, y = 6.206, 0 to 6.305, 0; result = 1430			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:17 PM	Manually integrate qualifier121.0 of compound Carbon tetrachloride in sample 03DEC06.D from x, y = 6.398, 0 to 6.501, 0; result = 908			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:23 PM	Manually integrate qualifier110.0 of compound 1,1-Dichloropropene in sample 03DEC06.D from x, y = 6.419, 0 to 6.512, 0; result = 1230			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:28 PM	Manually integrate qualifier 77.0 of compound 1,1-Dichloropropene in sample 03DEC06.D, from x, y = 6.393, 0 to 6.538, 0, result = 2662; previous integration is from x, y = 6.419, 0 to 6.538, 0 and previous response = 2313.			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:07:38 PM	Manually integrate compound 1,2-Dichloroethane-d4 in sample 03DEC06.D from x, y = 6.605, 0 to 6.713, 0; result = 1796			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:07:43 PM	Manually integrate qualifier65.0 of compound 1,2-Dichloroethane-d4 in sample 03DEC06.D from x, y = 6.584, 0 to 6.688, 0; result = 1796			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:07:52 PM	Manually integrate compound 1,2-Dichloroethane in sample 03DEC06.D from x, y = 6.693, 0 to 6.807, 0; result = 1534			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:08:10 PM	Manually integrate qualifier64.0 of compound 1,2-Dichloroethane in sample 03DEC06.D from x, y = 6.682, 0 to 6.775, 0; result = 735			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:08:14 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 03DEC06.D from x, y = 6.713, 0 to 6.750, 0; result = 333			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:08:31 PM	Manually integrate compound 2-Chloroethylvinyl ether in sample 03DEC06.D from x, y = 8.255, 0 to 8.322, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:08:39 PM	Manually integrate compound 2-Chloroethylvinyl ether in sample 03DEC06.D from x, y = 8.255, 0 to 8.296, 2; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:08:44 PM	Manually integrate compound 2-Chloroethylvinyl ether in sample 03DEC06.D from x, y = 8.229, 0 to 8.343, 0; result = 662			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:08:52 PM	Manually integrate qualifier65.0 of compound 2-Chloroethylvinyl ether in sample 03DEC06.D from x, y = 8.255, 0 to 8.333, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 2-Chloroethylvinyl ether in sample ICAL120321_1. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.M

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:09:03 PM	Manually integrate qualifier76.0 of compound 1,2-Dichloropropane in sample 03DEC06.D from x, y = 7.588, 0 to 7.712, 0; result = 716			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:09:08 PM	Manually integrate compound Dibromomethane in sample 03DEC06.D from x, y = 7.722, 0 to 7.841, 0; result = 1010			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:09:13 PM	Manually integrate qualifier95.0 of compound Dibromomethane in sample 03DEC06.D from x, y = 7.727, 0 to 7.831, 0; result = 1267			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:09:16 PM	Manually integrate qualifier173.5 of compound Dibromomethane in sample 03DEC06.D from x, y = 7.727, 0 to 7.831, 0; result = 996			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:09:23 PM	Manually integrate qualifier85.0 of compound Bromodichloromethane in sample 03DEC06.D from x, y = 7.908, 28 to 7.986, 0; result = 1809			✓	
CmdManuallyIntegrateDropBaseline	BL2000\steve	12/3/2021 2:09:26 PM	Drop baseline for qualifier 85.0 of compound Bromodichloromethane in sample 03DEC06.D to y = 0, new integration is from x, y = 7.908, 0 to 7.986, 0 and new response = 1875; previous integration is from x, y = 7.908, 28 to 7.986, 0 and previous response = 1809.			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:09:44 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane-d4 in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:09:50 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane in sample 03DEC06.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:09:58 PM	Set UserAnnotation = NI for compound 2-Chloroethylvinyl ether in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:10:07 PM	Set UserAnnotation = NI for compound Dibromomethane in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:10:19 PM	Manually integrate qualifier77.0 of compound cis-1,3-Dichloropropene in sample 03DEC06.D from x, y = 8.389, 198 to 8.467, 160; result = 1036			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:10:22 PM	Manually integrate qualifier39.0 of compound cis-1,3-Dichloropropene in sample 03DEC06.D from x, y = 8.379, 364 to 8.451, 327; result = 1079			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:10:34 PM	Manually integrate qualifier100.0 of compound Methyl isobutyl ketone in sample 03DEC06.D from x, y = 8.545, 0 to 8.617, 0; result = 1007			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:10:41 PM	Manually integrate qualifier99.0 of compound Toluene-d8 in sample 03DEC06.D from x, y = 8.638, 0 to 8.731, 0; result = 1133			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:10:50 PM	Manually integrate qualifier39.0 of compound trans-1,3-Dichloropropene in sample 03DEC06.D from x, y = 8.948, 391 to 9.005, 379; result = 756			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:11:03 PM	Manually integrate compound 1,1,2-Trichloroethane in sample 03DEC06.D from x, y = 9.119, 0 to 9.207, -9; result = 1853			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:11:09 PM	Manually integrate compound 1,1,2-Trichloroethane in sample 03DEC06.D, from x, y = 9.129, 207 to 9.202, 161, result = 850; previous integration is from x, y = 9.119, 0 to 9.207, -9 and previous response = 1853.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:11:19 PM	Manually integrate compound 1,1,2-Trichloroethane in sample 03DEC06.D, from x, y = 9.119, 0 to 9.212, 0, result = 1829; previous integration is from x, y = 9.129, 207 to 9.202, 161 and previous response = 850.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:11:22 PM	Manually integrate qualifier97.0 of compound 1,1,2-Trichloroethane in sample 03DEC06.D from x, y = 9.119, 0 to 9.217, 0; result = 1809			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:11:24 PM	Manually integrate qualifier85.0 of compound 1,1,2-Trichloroethane in sample 03DEC06.D from x, y = 9.114, 0 to 9.217, 0; result = 1164			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:11:35 PM	Set UserAnnotation = NI for compound 1,1,2-Trichloroethane in sample 03DEC06.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:11:44 PM	Manually integrate qualifier129.0 of compound Tetrachloroethene in sample 03DEC06.D from x, y = 9.207, 0 to 9.321, 0; result = 1858			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:11:58 PM	Manually integrate qualifier78.0 of compound 1,3-Dichloropropane in sample 03DEC06.D from x, y = 9.284, 0 to 9.357, 0; result = 1082			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:12:07 PM	Manually integrate qualifier57.0 of compound 2-Hexanone in sample 03DEC06.D from x, y = 9.388, 354 to 9.481, 308; result = 1021			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:12:16 PM	Manually integrate compound Chlorodibromomethane in sample 03DEC06.D from x, y = 9.491, 0 to 9.579, 0; result = 1717			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:12:19 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 03DEC06.D from x, y = 9.512, 0 to 9.595, 0; result = 1057			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:12:25 PM	Manually integrate compound 1,2-Dibromoethane in sample 03DEC06.D from x, y = 9.600, 0 to 9.683, 0; result = 1294			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:12:27 PM	Manually integrate qualifier109.0 of compound 1,2-Dibromoethane in sample 03DEC06.D from x, y = 9.605, 0 to 9.683, 0; result = 1268			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:12:33 PM	Manually integrate qualifier114.0 of compound Chlorobenzene in sample 03DEC06.D from x, y = 10.096, 0 to 10.174, 0; result = 1690			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:12:38 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample 03DEC06.D from x, y = 10.174, 0 to 10.262, 0; result = 1855			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:12:41 PM	Manually integrate qualifier133.0 of compound 1,1,1,2-Tetrachloroethane in sample 03DEC06.D from x, y = 10.179, 0 to 10.267, 0; result = 1881			✓	
CmdSetTargetCompoun dAttribute	BL2000\steve	12/3/2021 2:12:59 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoun dAttribute	BL2000\steve	12/3/2021 2:13:07 PM	Set UserAnnotation = NI for compound 1,2-Dibromoethane in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoun dAttribute	BL2000\steve	12/3/2021 2:13:13 PM	Set UserAnnotation = NI for compound 1,1,1,2-Tetrachloroethane in sample 03DEC06.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:13:33 PM	Manually integrate compound Bromoform in sample 03DEC06.D from x, y = 10.898, 0 to 10.981, 0; result = 756			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:13:37 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 03DEC06.D from x, y = 10.903, 0 to 10.997, 0; result = 345			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:13:40 PM	Manually integrate qualifier170.5 of compound Bromoform in sample 03DEC06.D from x, y = 10.919, 0 to 10.997, 0; result = 340			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:13:46 PM	Manually integrate qualifier120.0 of compound Isopropylbenzene in sample 03DEC06.D from x, y = 11.084, 0 to 11.157, 0; result = 1944			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:13:55 PM	Manually integrate qualifier85.0 of compound 1,1,2,2-Tetrachloroethane in sample 03DEC06.D from x, y = 11.390, 0 to 11.462, 0; result = 1123			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:14:07 PM	Manually integrate compound Bromobenzene in sample 03DEC06.D from x, y = 11.353, 0 to 11.462, 0; result = 1786			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:14:13 PM	Manually integrate qualifier158.0 of compound Bromobenzene in sample 03DEC06.D from x, y = 11.369, 0 to 11.467, 0; result = 1946			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:14:19 PM	Manually integrate compound 1,2,3-Trichloropropane in sample 03DEC06.D from x, y = 11.436, 0 to 11.493, 0; result = 372			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:14:22 PM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 03DEC06.D from x, y = 11.447, 0 to 11.493, 0; result = 123			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:14:33 PM	Set UserAnnotation = NI for compound Bromoform in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:14:47 PM	Set UserAnnotation = NI for compound Bromobenzene in sample 03DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:14:53 PM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:14:59 PM	Manually integrate compound n-Propylbenzene in sample 03DEC06.D from x, y = 11.478, 0 to 11.555, 0; result = 1579			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:15:01 PM	Set UserAnnotation = NI for compound n-Propylbenzene in sample 03DEC06.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:15:07 PM	Manually integrate compound 2-Chlorotoluene in sample 03DEC06.D from x, y = 11.560, 0 to 11.643, 0; result = 1696			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:15:10 PM	Set UserAnnotation = NI for compound 2-Chlorotoluene in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:15:20 PM	Manually integrate qualifier126.0 of compound 4-Chlorotoluene in sample 03DEC06.D from x, y = 11.664, 0 to 11.752, 0; result = 1675			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:15:27 PM	Manually integrate compound tert-Butylbenzene in sample 03DEC06.D from x, y = 11.964, 0 to 12.062, 0; result = 1034			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:15:31 PM	Set UserAnnotation = NI for compound tert-Butylbenzene in sample 03DEC06.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:15:40 PM	Manually integrate qualifier134.0 of compound sec-Butylbenzene in sample 03DEC06.D from x, y = 12.186, 0 to 12.279, 0; result = 913			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:15:50 PM	Manually integrate qualifier111.0 of compound 1,3-Dichlorobenzene in sample 03DEC06.D from x, y = 12.295, 0 to 12.378, 0; result = 1065			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:15:55 PM	Manually integrate qualifier148.0 of compound 1,3-Dichlorobenzene in sample 03DEC06.D from x, y = 12.300, 0 to 12.378, 0; result = 1580			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:19 PM	Manually integrate qualifier134.0 of compound p-Isopropyltoluene in sample 03DEC06.D from x, y = 12.331, 0 to 12.419, 0; result = 870			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:23 PM	Manually integrate qualifier91.0 of compound p-Isopropyltoluene in sample 03DEC06.D from x, y = 12.341, 0 to 12.445, 0; result = 1862			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:33 PM	Manually integrate qualifier92.0 of compound n-Butylbenzene in sample 03DEC06.D from x, y = 12.729, 0 to 12.838, 0; result = 1488			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:35 PM	Manually integrate qualifier134.0 of compound n-Butylbenzene in sample 03DEC06.D from x, y = 12.750, 0 to 12.828, 0; result = 635			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:16:41 PM	Manually integrate qualifier111.0 of compound 1,2-Dichlorobenzene in sample 03DEC06.D from x, y = 12.766, 0 to 12.838, 0; result = 933			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:16:46 PM	Manually integrate qualifier148.0 of compound 1,2-Dichlorobenzene in sample 03DEC06.D from x, y = 12.750, 0 to 12.843, 0; result = 1307			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:17:02 PM	Manually integrate compound Naphthalene in sample 03DEC06.D from x, y = 14.535, 0 to 14.587, 0; result = 221			✓	
CmdSetTargetCompoun dAttribute	BL2000\steve	12/3/2021 2:17:04 PM	Set UserAnnotation = NI for compound Naphthalene in sample 03DEC06.D; previous value =			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 2:17:11 PM	Save batch D:\Org\Data\SV5972.I\SB120321\Qua ntResults\SB120321_8260B_624pt1.ba tch.bin			✓	
CmdImportSamplesFro mWorklist	BL2000\steve	12/3/2021 2:22:46 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03D EC08.D, D:\Org\Data\SV5972.I\SB120321\03D EC07.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 2:25:06 PM	Set SampleType = Calibration for sample 03DEC07.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 2:25:10 PM	Set SampleType = Calibration for sample 03DEC08.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 2:25:16 PM	Set LevelName = 2 for sample 03DEC07.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 2:25:21 PM	Set LevelName = 3 for sample 03DEC08.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/3/2021 2:25:32 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:26:31 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC07.D, from x, y = 1.675, 1132 to 1.825, 901, result = 4426; previous integration is from x, y = 1.535, 239 to 1.892, 239 and previous response = 18763.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:26:37 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC07.D, from x, y = 1.700, 1261 to 1.783, 1296, result = 1916; previous integration is from x, y = 1.675, 1132 to 1.825, 901 and previous response = 4426.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:26:44 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC07.D, from x, y = 1.664, 1056 to 1.825, 901, result = 4847; previous integration is from x, y = 1.700, 1261 to 1.783, 1296 and previous response = 1916.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:26:49 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 03DEC07.D, from x, y = 1.612, 738 to 1.850, 852, result = 7729; previous integration is from x, y = 1.664, 1056 to 1.825, 901 and previous response = 4847.			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:27:02 PM	Manually integrate compound Bromomethane in sample 03DEC07.D, from x, y = 1.995, 223 to 2.213, 245, result = 9324; previous integration is from x, y = 1.995, 223 to 2.321, 245 and previous response = 10504.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:27:06 PM	Manually integrate qualifier 94.0 of compound Bromomethane in sample 03DEC07.D, from x, y = 2.016, 235 to 2.223, 236, result = 9489; previous integration is from x, y = 2.016, 235 to 2.337, 235 and previous response = 9489.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:27:11 PM	Manually integrate qualifier 94.0 of compound Bromomethane in sample 03DEC07.D, from x, y = 2.016, 235 to 2.218, 220, result = 9489; previous integration is from x, y = 2.016, 235 to 2.337, 235 and previous response = 9489.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:27:22 PM	Manually integrate qualifier 94.0 of compound Bromomethane in sample 03DEC07.D, from x, y = 1.995, 238 to 2.228, 220, result = 9035; previous integration is from x, y = 2.016, 235 to 2.337, 235 and previous response = 9489.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:27:32 PM	Manually integrate qualifier 66.0 of compound Chloroethane in sample 03DEC07.D, from x, y = 2.130, 71 to 2.254, 109, result = 3990; previous integration is from x, y = 2.130, 71 to 2.352, 166 and previous response = 3990.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:27:38 PM	Manually integrate qualifier 66.0 of compound Chloroethane in sample 03DEC07.D, from x, y = 2.130, 71 to 2.259, 134, result = 3990; previous integration is from x, y = 2.130, 71 to 2.352, 166 and previous response = 3990.			✓	
CmdSetTargetCompoun dAttribute	BL2000\steve	12/3/2021 2:27:46 PM	Set UserAnnotation = LT for compound Bromomethane in sample 03DEC07.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:28:09 PM	Manually integrate compound Acetone in sample 03DEC07.D, from x, y = 3.144, 1198 to 3.340, 1201, result = 9275; previous integration is from x, y = 3.221, 1171 to 3.340, 1201 and previous response = 5636.			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:28:12 PM	Set UserAnnotation = LT for compound Acetone in sample 03DEC07.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:28:32 PM	Manually integrate qualifier86.0 of compound Vinyl acetate in sample 03DEC07.D from x, y = 4.970, 0 to 5.083, 0; result = 1072			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:29:06 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 03DEC07.D from x, y = 6.682, 0 to 6.801, 0; result = 1376			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:29:15 PM	Manually integrate qualifier 43.0 of compound Acetone_58 in sample 03DEC07.D, from x, y = 3.159, 1250 to 3.340, 1215, result = 8837; previous integration is from x, y = 3.221, 1215 to 3.340, 1215 and previous response = 5429.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:29:26 PM	Manually integrate qualifier106.0 of compound 2-Chloroethylvinyl ether in sample 03DEC07.D from x, y = 8.239, 0 to 8.337, 0; result = 1055			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:29:30 PM	Manually integrate qualifier65.0 of compound 2-Chloroethylvinyl ether in sample 03DEC07.D from x, y = 8.244, 0 to 8.353, 0; result = 1352			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:29:45 PM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 03DEC07.D from x, y = 7.913, 0 to 8.011, 0; result = 1088			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:30:36 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 03DEC07.D from x, y = 10.898, 0 to 11.006, 0; result = 1968			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:30:51 PM	Manually integrate compound 1,2,3-Trichloropropane in sample 03DEC07.D from x, y = 11.415, 0 to 11.508, 0; result = 1666			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:30:55 PM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 03DEC07.D from x, y = 11.431, 0 to 11.493, 0; result = 1065			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 2:32:53 PM	Manually integrate compound 1,2-Dibromo-3-chloropropane in sample 03DEC07.D from x, y = 13.531, 0 to 13.603, 0; result = 396			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:32:58 PM	Manually integrate qualifier155.0 of compound 1,2-Dibromo-3-chloropropane in sample 03DEC07.D from x, y = 13.536, 0 to 13.598, 0; result = 393			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:00 PM	Manually integrate qualifier157.0 of compound 1,2-Dibromo-3-chloropropane in sample 03DEC07.D from x, y = 13.552, 0 to 13.608, 0; result = 616			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:33:08 PM	Manually integrate compound 1,2,4-Trichlorobenzene in sample 03DEC07.D from x, y = 14.312, 0 to 14.374, 0; result = 897			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:10 PM	Manually integrate qualifier182.0 of compound 1,2,4-Trichlorobenzene in sample 03DEC07.D from x, y = 14.296, 0 to 14.374, 0; result = 822			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:13 PM	Manually integrate qualifier145.0 of compound 1,2,4-Trichlorobenzene in sample 03DEC07.D from x, y = 14.312, 0 to 14.374, 0; result = 182			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:33:20 PM	Manually integrate compound Hexachlorobutadiene in sample 03DEC07.D from x, y = 14.462, 0 to 14.524, 0; result = 317			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:22 PM	Manually integrate qualifier222.8 of compound Hexachlorobutadiene in sample 03DEC07.D from x, y = 14.441, 0 to 14.534, 0; result = 170			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:26 PM	Manually integrate qualifier226.8 of compound Hexachlorobutadiene in sample 03DEC07.D from x, y = 14.457, 0 to 14.524, 0; result = 190			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:33:32 PM	Manually integrate compound Naphthalene in sample 03DEC07.D from x, y = 14.529, 0 to 14.607, 0; result = 1323			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:34 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 03DEC07.D from x, y = 14.555, 0 to 14.591, 0; result = 141			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:33:39 PM	Manually integrate compound 1,2,3-Trichlorobenzene in sample 03DEC07.D from x, y = 14.757, 0 to 14.829, 0; result = 143			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:33:42 PM	Manually integrate qualifier182.0 of compound 1,2,3-Trichlorobenzene in sample 03DEC07.D from x, y = 14.736, 0 to 14.834, 0; result = 196			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 2:33:49 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:34:54 PM	Manually integrate qualifier 55.0 of compound Acrolein in sample 03DEC08.D, from x, y = 2.922, 464 to 3.135, 525, result = 11100; previous integration is from x, y = 2.990, 456 to 3.135, 525 and previous response = 7783.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:35:17 PM	Manually integrate qualifier86.0 of compound Vinyl acetate in sample 03DEC08.D from x, y = 4.950, 0 to 5.095, 0; result = 2672			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:38:00 PM	Manually integrate compound 1,2-Dibromo-3-chloropropane in sample 03DEC08.D from x, y = 13.527, 0 to 13.615, 0; result = 928			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:38:04 PM	Manually integrate qualifier155.0 of compound 1,2-Dibromo-3-chloropropane in sample 03DEC08.D from x, y = 13.542, 0 to 13.604, 0; result = 908			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:38:07 PM	Manually integrate qualifier157.0 of compound 1,2-Dibromo-3-chloropropane in sample 03DEC08.D from x, y = 13.532, 0 to 13.615, 0; result = 1125			✓	
CmdSetTargetCompoun dAttribute	BL2000\steve	12/3/2021 2:38:17 PM	Set UserAnnotation = NI for compound 1,2-Dibromo-3-chloropropane in sample 03DEC08.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:38:39 PM	Manually integrate compound 1,2,4-Trichlorobenzene in sample 03DEC08.D from x, y = 14.318, 0 to 14.375, 0; result = 1703			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:38:45 PM	Manually integrate qualifier182.0 of compound 1,2,4-Trichlorobenzene in sample 03DEC08.D from x, y = 14.292, 0 to 14.380, 0; result = 1760			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:38:48 PM	Manually integrate qualifier145.0 of compound 1,2,4-Trichlorobenzene in sample 03DEC08.D from x, y = 14.318, 0 to 14.386, 0; result = 502			✓	
CmdManuallyIntegrateP eak	BL2000\steve	12/3/2021 2:39:01 PM	Manually integrate compound Hexachlorobutadiene in sample 03DEC08.D from x, y = 14.458, 0 to 14.536, 0; result = 844			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:39:04 PM	Manually integrate qualifier222.8 of compound Hexachlorobutadiene in sample 03DEC08.D from x, y = 14.453, 0 to 14.536, 0; result = 469			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/3/2021 2:39:06 PM	Manually integrate qualifier226.8 of compound Hexachlorobutadiene in sample 03DEC08.D from x, y = 14.432, 0 to 14.551, 0; result = 565			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:39:13 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 03DEC08.D from x, y = 14.546, 0 to 14.608, 0; result = 304			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:39:19 PM	Set UserAnnotation = NI for compound 1,2,4-Trichlorobenzene in sample 03DEC08.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 2:39:23 PM	Set UserAnnotation = NI for compound Hexachlorobutadiene in sample 03DEC08.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 2:39:35 PM	Manually integrate qualifier145.0 of compound 1,2,3-Trichlorobenzene in sample 03DEC08.D from x, y = 14.753, 0 to 14.825, 0; result = 101			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 2:39:38 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 2:40:07 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 2:58:49 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 3:09:07 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC09.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 3:09:31 PM	Set SampleType = Calibration for sample 03DEC09.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 3:09:38 PM	Set LevelName = 4 for sample 03DEC09.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/3/2021 3:09:50 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 3:10:41 PM	Manually integrate compound Dichlorodifluoromethane in sample 03DEC09.D, from x, y = 1.380, 195 to 1.674, 199, result = 45002; previous integration is from x, y = 1.380, 195 to 1.902, 195 and previous response = 47081.			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 3:12:57 PM	Manually integrate compound 1,2-Dibromo-3-chloropropane in sample 03DEC09.D from x, y = 13.520, 0 to 13.624, 0; result = 1601			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 3:13:00 PM	Manually integrate qualifier155.0 of compound 1,2-Dibromo-3-chloropropane in sample 03DEC09.D from x, y = 13.531, 0 to 13.624, 0; result = 1901			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 3:13:04 PM	Set UserAnnotation = NI for compound 1,2-Dibromo-3-chloropropane in sample 03DEC09.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 3:13:14 PM	Manually integrate qualifier145.0 of compound 1,2,4-Trichlorobenzene in sample 03DEC09.D from x, y = 14.286, 0 to 14.395, 0; result = 1013			✓	
CmdManuallyIntegratePeak	BL2000\steve	12/3/2021 3:13:22 PM	Manually integrate compound Hexachlorobutadiene in sample 03DEC09.D from x, y = 14.446, 0 to 14.534, 0; result = 1726			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 3:13:25 PM	Manually integrate qualifier222.8 of compound Hexachlorobutadiene in sample 03DEC09.D from x, y = 14.462, 0 to 14.534, 0; result = 1153			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 3:13:28 PM	Manually integrate qualifier226.8 of compound Hexachlorobutadiene in sample 03DEC09.D from x, y = 14.467, 0 to 14.529, 0; result = 1196			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/3/2021 3:13:32 PM	Set UserAnnotation = NI for compound Hexachlorobutadiene in sample 03DEC09.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/3/2021 3:13:40 PM	Manually integrate qualifier127.0 of compound Naphthalene in sample 03DEC09.D from x, y = 14.534, 0 to 14.607, 0; result = 693			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 3:13:53 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 3:14:03 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 3:14:28 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 3:42:52 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC11.D, D:\Org\Data\SV5972.I\SB120321\03DEC10.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 3:43:04 PM	Set SampleType = Calibration for sample 03DEC11.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 3:43:10 PM	Set LevelName = 5 for sample 03DEC11.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/3/2021 3:43:24 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/3/2021 3:46:27 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 4:05:57 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/3/2021 4:28:44 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC13.D, D:\Org\Data\SV5972.I\SB120321\03DEC12.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 4:28:54 PM	Set SampleType = Calibration for sample 03DEC13.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/3/2021 4:29:00 PM	Set LevelName = 6 for sample 03DEC13.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/3/2021 4:29:12 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/3/2021 4:31:37 PM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/6/2021 9:12:24 AM	Open batch D:\Org\Data\SV5972.I\SB120321\SB120321_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 9:21:36 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\03DEC21.D, D:\Org\Data\SV5972.I\SB120321\03DEC20.D, D:\Org\Data\SV5972.I\SB120321\03DEC19.D, D:\Org\Data\SV5972.I\SB120321\03DEC18.D, D:\Org\Data\SV5972.I\SB120321\03DEC17.D, D:\Org\Data\SV5972.I\SB120321\03DEC16.D, D:\Org\Data\SV5972.I\SB120321\03DEC15.D, D:\Org\Data\SV5972.I\SB120321\03DEC14.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:21:58 AM	Set SampleType = Calibration for sample 03DEC15.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:22:08 AM	Set LevelName = 7 for sample 03DEC15.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:22:17 AM	Set SampleType = Calibration for sample 03DEC17.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:22:25 AM	Set LevelName = 8 for sample 03DEC17.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:22:33 AM	Set SampleType = QC for sample 03DEC19.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:22:45 AM	Set LevelName = QC for sample 03DEC19.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:23:01 AM	Set SampleInformation = LCSA for sample 03DEC19.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/6/2021 9:23:57 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 9:28:56 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/6/2021 9:29:36 AM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/6/2021 9:33:28 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB120321\CC03DEC11.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:33:56 AM	Set SampleName = CC120321_5 for sample CC03DEC11.D; previous value = ICAL120321_5			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:34:04 AM	Set SampleType = CC for sample CC03DEC11.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/6/2021 9:34:19 AM	Set LevelName = CC for sample CC03DEC11.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/6/2021 9:34:56 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 9:42:29 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 9:44:17 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 9:44:17 AM	Import method from sample CC03DEC11.D			✓	
CmdMethodClear	BL2000\steve	12/6/2021 9:44:22 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 9:44:23 AM	End method editing			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 9:44:41 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 9:44:41 AM	Import method from sample 03DEC11.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateRetentionTimes	BL2000\steve	12/6/2021 9:47:11 AM	Update retention time for compound VA_Fluorobenzene; Vinyl acetate; 2-Chloroethylvinyl ether; Acrylonitrile; Acrolein; Chloroform; p-Bromofluorobenzene; Toluene-d8; 1,2-Dichloroethane-d4; Dibromofluoromethane; 1,4-Dichlorobenzene-d4; Chlorobenzene-d5; Fluorobenzene; Benzene; 1,4-Dichlorobenzene; Chlorobenzene; Tetrachloroethene; Trichloroethene; 1,2-Dichloroethane; Carbon tetrachloride; 1,1-Dichloroethene; Vinyl chloride; Methyl ethyl ketone; Bromoform; Chlorodibromomethane; Bromodichloromethane; Naphthalene; o-Xylene; m+p-Xylenes; Ethylbenzene; Toluene; 1,2,3-Trichlorobenzene; Hexachlorobutadiene; 1,2,4-Trichlorobenzene; 1,2-Dibromo-3-chloropropane; 1,2-Dichlorobenzene; n-Butylbenzene; p-Isopropyltoluene; 1,3-Dichlorobenzene; sec-Butylbenzene; 1,2,4-Trimethylbenzene; tert-Butylbenzene; 4-Chlorotoluene; 1,3,5-Trimethylbenzene; 2-Chlorotoluene; n-Propylbenzene; 1,2,3-Trichloropropane; Bromobenzene; 1,1,2,2-Tetrachloroethane; Isopropylbenzene; Styrene; 1,1,1,2-Tetrachloroethane; 1,2-Dibromoethane; 1,3-Dichloropropane; 1,1,2-Trichloroethane; trans-1,3-Dichloropropene; cis-1,3-Dichloropropene; Dibromomethane; 1,2-Dichloropropane; 1,1-Dichloropropene; 1,1,1-Trichloroethane; Bromochloromethane; cis-1,2-Dichloroethene; 2,2-Dichloropropane; 1,1-Dichloroethane; Methyl tert-butyl ether (MTBE); trans-1,2-Dichloroethene; Methylene chloride; Trichlorofluoromethane; Chloroethane; Bromomethane; Chloromethane; Dichlorodifluoromethane; 2-Hexanone; Methyl isobutyl ketone; Acetone_58; Acetone;			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateQualifierRatios	BL2000\steve	12/6/2021 9:47:45 AM	Update qualifier ratios for compound VA_Fluorobenzene; Update qualifier ratios for compound Vinyl acetate; Update qualifier ratios for compound 2-Chloroethylvinyl ether; Update qualifier ratios for compound Acrylonitrile; Update qualifier ratios for compound Acrolein; Update qualifier ratios for compound Chloroform; Update qualifier ratios for compound p-Bromofluorobenzene; Update qualifier ratios for compound Toluene-d8; Update qualifier ratios for compound 1,2-Dichloroethane-d4; Update qualifier ratios for compound Dibromofluoromethane; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound Chlorobenzene-d5; Update qualifier ratios for compound Fluorobenzene; Update qualifier ratios for compound Benzene; Update qualifier ratios for compound 1,4-Dichlorobenzene; Update qualifier ratios for compound Chlorobenzene; Update qualifier ratios for compound Tetrachloroethene; Update qualifier ratios for compound Trichloroethene; Update qualifier ratios for compound 1,2-Dichloroethane; Update qualifier ratios for compound Carbon tetrachloride; Update qualifier ratios for compound 1,1-Dichloroethene; Update qualifier ratios for compound Vinyl chloride; Update qualifier ratios for compound Methyl ethyl ketone; Update qualifier ratios for compound Bromoform; Update qualifier ratios for compound Chlorodibromomethane; Update qualifier ratios for compound Bromodichloromethane; Update qualifier ratios for compound Naphthalene; Update qualifier ratios for compound o-Xylene; Update qualifier ratios for compound m+p-Xylenes; Update qualifier ratios for compound Ethylbenzene; Update qualifier ratios for compound Toluene; Update qualifier ratios for compound 1,2,3-Trichlorobenzene; Update qualifier ratios for compound Hexachlorobutadiene; Update qualifier ratios for compound 1,2,4-Trichlorobenzene; Update qualifier ratios for compound 1,2-Dibromo-3-chloropropane; Update qualifier ratios for compound 1,2-Dichlorobenzene; Update qualifier ratios for compound n-Butylbenzene; Update qualifier ratios			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			for compound p-Isopropyltoluene; Update qualifier ratios for compound 1,3-Dichlorobenzene; Update qualifier ratios for compound sec-Butylbenzene; Update qualifier ratios for compound 1,2,4-Trimethylbenzene; Update qualifier ratios for compound tert-Butylbenzene; Update qualifier ratios for compound 4-Chlorotoluene; Update qualifier ratios for compound 1,3,5-Trimethylbenzene; Update qualifier ratios for compound 2-Chlorotoluene; Update qualifier ratios for compound n-Propylbenzene; Update qualifier ratios for compound 1,2,3-Trichloropropane; Update qualifier ratios for compound Bromobenzene; Update qualifier ratios for compound 1,1,2,2-Tetrachloroethane; Update qualifier ratios for compound Isopropylbenzene; Update qualifier ratios for compound Styrene; Update qualifier ratios for compound 1,1,1,2-Tetrachloroethane; Update qualifier ratios for compound 1,2-Dibromoethane; Update qualifier ratios for compound 1,3-Dichloropropane; Update qualifier ratios for compound 1,1,2-Trichloroethane; Update qualifier ratios for compound trans-1,3-Dichloropropene; Update qualifier ratios for compound cis-1,3-Dichloropropene; Update qualifier ratios for compound Dibromomethane; Update qualifier ratios for compound 1,2-Dichloropropane; Update qualifier ratios for compound 1,1-Dichloropropene; Update qualifier ratios for compound 1,1,1-Trichloroethane; Update qualifier ratios for compound Bromochloromethane; Update qualifier ratios for compound cis-1,2-Dichloroethene; Update qualifier ratios for compound 2,2-Dichloropropane; Update qualifier ratios for compound 1,1-Dichloroethane; Update qualifier ratios for compound Methyl tert-butyl ether (MTBE); Update qualifier ratios for compound trans-1,2-Dichloroethene; Update qualifier ratios for compound Methylene chloride; Update qualifier ratios for compound Trichlorofluoromethane; Update qualifier ratios for compound Chloroethane; Update qualifier ratios for compound Bromomethane; Update qualifier ratios for compound Chloromethane; Update qualifier ratios				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			for compound Dichlorodifluoromethane; Update qualifier ratios for compound 2-Hexanone; Update qualifier ratios for compound Methyl isobutyl ketone; Update qualifier ratios for compound Acetone_58; Update qualifier ratios for compound Acetone;				
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 9:48:04 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 9:48:04 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 9:48:04 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 9:48:37 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 9:50:29 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\steve	12/6/2021 9:51:30 AM	Replace level CC with CC sample CC03DEC11.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level QC with QC sample 03DEC19.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene,			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 8 with Calibration sample 03DEC17.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 7 with Calibration sample 03DEC15.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 6 with Calibration sample 03DEC13.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 5 with Calibration sample 03DEC11.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 4 with Calibration sample 03DEC09.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 3 with Calibration sample 03DEC08.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 2 with Calibration sample 03DEC07.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone}; Replace level 1 with				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Calibration sample 03DEC06.D for compounds {Vinyl acetate, 2-Chloroethylvinyl ether, Acrylonitrile, Acrolein, Chloroform, p-Bromofluorobenzene, Toluene-d8, 1,2-Dichloroethane-d4, Dibromofluoromethane, Benzene, 1,4-Dichlorobenzene, Chlorobenzene, Tetrachloroethene, Trichloroethene, 1,2-Dichloroethane, Carbon tetrachloride, 1,1-Dichloroethene, Vinyl chloride, Methyl ethyl ketone, Bromoform, Chlorodibromomethane, Bromodichloromethane, Naphthalene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, 1,2,3-Trichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, n-Butylbenzene, p-Isopropyltoluene, 1,3-Dichlorobenzene, sec-Butylbenzene, 1,2,4-Trimethylbenzene, tert-Butylbenzene, 4-Chlorotoluene, 1,3,5-Trimethylbenzene, 2-Chlorotoluene, n-Propylbenzene, 1,2,3-Trichloropropane, Bromobenzene, 1,1,2,2-Tetrachloroethane, Isopropylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,2-Dibromoethane, 1,3-Dichloropropane, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, Dibromomethane, 1,2-Dichloropropane, 1,1-Dichloropropene, 1,1,1-Trichloroethane, Bromochloromethane, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, Trichlorofluoromethane, Chloroethane, Bromomethane, Chloromethane, Dichlorodifluoromethane, 2-Hexanone, Methyl isobutyl ketone, Acetone_58, Acetone};				
CmdSaveBatchTable	BL2000\steve	12/6/2021 10:00:22 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:00:53 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:01:30 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound Dichlorodifluoromethane in sample 03DEC11.D; previous value = True			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\steve	12/6/2021 10:01:38 AM	Quantitate compound Dichlorodifluoromethane in sample 03DEC06.D			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:02:29 AM	Set CurveFit = fitQuadratic for compound Bromomethane in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:02:35 AM	Set CurveFitWeight = weightOneOverX for compound Bromomethane in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:02:37 AM	Quantitate compound Bromomethane in sample 03DEC07.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:03:14 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound Acrolein in sample 03DEC11.D; previous value = True			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:03:23 AM	Quantitate compound Acrolein in sample 03DEC07.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:03:39 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound 1,1-Dichloroethene in sample 03DEC11.D; previous value = True			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:03:42 AM	Quantitate compound 1,1-Dichloroethene in sample 03DEC07.D			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:03:49 AM	Set CurveFit = fitAverageOfResponseFactors for compound 1,1-Dichloroethene in all samples; previous value = fitQuadratic			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:03:54 AM	Set CurveFitWeight = weightEqual for compound 1,1-Dichloroethene in all samples; previous value = weightOneOverX			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:03:56 AM	Quantitate compound 1,1-Dichloroethene in sample 03DEC07.D			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:04:13 AM	Quantitate compound 1,1-Dichloroethene in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:04:16 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound 1,1-Dichloroethene in sample 03DEC11.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:04:19 AM	Quantitate compound 1,1-Dichloroethene in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:04:23 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound 1,1-Dichloroethene in sample 03DEC11.D; previous value = True			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:04:25 AM	Quantitate compound 1,1-Dichloroethene in sample 03DEC06.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:05:20 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound trans-1,2-Dichloroethene in sample 03DEC11.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:05:24 AM	Quantitate compound trans-1,2-Dichloroethene in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:05:58 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound 1,1-Dichloroethane in sample 03DEC11.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:06:01 AM	Quantitate compound 1,1-Dichloroethane in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:06:52 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound cis-1,2-Dichloroethene in sample 03DEC11.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:06:55 AM	Quantitate compound cis-1,2-Dichloroethene in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:07:03 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound cis-1,2-Dichloroethene in sample 03DEC11.D; previous value = True			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:07:18 AM	Quantitate compound cis-1,2-Dichloroethene in sample 03DEC06.D			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:07:25 AM	Quantitate compound cis-1,2-Dichloroethene in sample 03DEC07.D			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:09:39 AM	Quantitate compound 1,2-Dichloroethane-d4 in sample 03DEC06.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/6/2021 10:13:44 AM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 03DEC07.D, from x, y = 8.932, 195 to 8.994, 200, result = 5083; previous integration is from x, y = 8.932, 195 to 9.072, 195 and previous response = 8488.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\steve	12/6/2021 10:13:58 AM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 03DEC06.D, from x, y = 8.938, 0 to 8.995, 9, result = 3034; previous integration is from x, y = 8.938, 0 to 9.083, 0 and previous response = 7198.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\steve	12/6/2021 10:14:05 AM	Drop baseline for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 03DEC06.D to y = 0, new integration is from x, y = 8.938, 0 to 8.995, 0 and new response = 3049; previous integration is from x, y = 8.938, 0 to 8.995, 9 and previous response = 3034.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:14:49 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound 1,1,2-Trichloroethane in sample 03DEC11.D; previous value = False			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:14:53 AM	Quantitate compound 1,1,2-Trichloroethane in sample 03DEC06.D			✓	
CmdSetLevelEnable	BL2000\steve	12/6/2021 10:14:59 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound 1,1,2-Trichloroethane in sample 03DEC11.D; previous value = True			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:15:02 AM	Quantitate compound 1,1,2-Trichloroethane in sample 03DEC06.D			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:16:40 AM	Set CurveFit = fitQuadratic for compound 1,1,2,2-Tetrachloroethane in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\steve	12/6/2021 10:16:45 AM	Set CurveFitWeight = weightOneOverX for compound 1,1,2,2-Tetrachloroethane in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:16:52 AM	Quantitate compound 1,1,2,2-Tetrachloroethane in sample 03DEC06.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/6/2021 10:17:28 AM	Manually integrate qualifier 77.0 of compound Bromobenzene in sample 03DEC06.D, from x, y = 11.374, 66 to 11.447, 56, result = 2920; previous integration is from x, y = 11.374, 66 to 11.493, 142 and previous response = 3136.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/6/2021 10:17:40 AM	Manually integrate qualifier 77.0 of compound Bromobenzene in sample 03DEC06.D, from x, y = 11.374, 158 to 11.447, 150, result = 2516; previous integration is from x, y = 11.374, 66 to 11.447, 56 and previous response = 2920.			✓	
CmdQuantitate	BL2000\steve	12/6/2021 10:21:10 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 10:21:20 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\steve	12/6/2021 10:22:19 AM	Manually integrate qualifier127.0 of compound Naphthalene in sample 03DEC19.D from x, y = 14.514, 0 to 14.612, 0; result = 1897			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 10:22:30 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:06:07 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 11:06:27 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 11:06:28 AM	Import method from sample 03DEC11.D			✓	
CmdSaveMethodAs	BL2000\steve	12/6/2021 11:08:35 AM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_120321.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 11:08:54 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 11:08:54 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 11:08:54 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 11:09:25 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:10:26 AM	Save batch D:\Org\Data\SV5972.I\SB120321\QuantResults\SB120321_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/6/2021 11:15:46 AM	Open batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 11:16:24 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\steve	12/6/2021 11:16:25 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_110321_CAL\SV5972_8260B_624pt1_110321_BTEX_L4.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 11:16:48 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 11:16:48 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 11:16:49 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 11:16:53 AM	Quantitate all compounds in all samples			✓	
CmdSelectPeak	BL2000\steve	12/6/2021 11:20:57 AM	Select peak for compound Chlorobenzene-d5 in sample 03DEC11.D			✓	
CmdSelectPeak	BL2000\steve	12/6/2021 11:21:19 AM	Select peak for compound Ethylbenzene in sample 03DEC11.D			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:22:06 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 11:23:52 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 11:23:52 AM	Import method from sample 03DEC11.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateRetentionTimes	BL2000\steve	12/6/2021 11:24:14 AM	Update retention time for compound o-Xylene; m+p-Xylenes; Ethylbenzene; Toluene; Toluene-d8; 1,2-Dichloroethane; Benzene; 1,2-Dichloroethane-d4; Dibromofluoromethane; 1,4-Dichlorobenzene-d4; Chlorobenzene-d5; Fluorobenzene; p-Bromofluorobenzene;			✓	
CmdUpdateQualifierRatios	BL2000\steve	12/6/2021 11:24:34 AM	Update qualifier ratios for compound o-Xylene; Update qualifier ratios for compound m+p-Xylenes; Update qualifier ratios for compound Ethylbenzene; Update qualifier ratios for compound Toluene; Update qualifier ratios for compound Toluene-d8; Update qualifier ratios for compound 1,2-Dichloroethane; Update qualifier ratios for compound Benzene; Update qualifier ratios for compound 1,2-Dichloroethane-d4; Update qualifier ratios for compound Dibromofluoromethane; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound Chlorobenzene-d5; Update qualifier ratios for compound Fluorobenzene; Update qualifier ratios for compound p-Bromofluorobenzene;			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 11:24:52 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 11:24:52 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 11:24:53 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 11:24:58 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:26:53 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\steve	12/6/2021 11:27:16 AM	Replace level CC with CC sample CC03DEC11.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level QC with QC sample 03DEC19.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 8 with Calibration sample 03DEC17.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 7 with Calibration sample 03DEC15.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 6 with Calibration sample 03DEC13.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 5 with Calibration sample 03DEC11.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 4 with Calibration sample 03DEC09.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 3 with Calibration sample 03DEC08.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 2 with Calibration sample 03DEC07.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane}; Replace level 1 with Calibration sample 03DEC06.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane};				
CmdQuantitate	BL2000\steve	12/6/2021 11:27:24 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\steve	12/6/2021 11:29:23 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:29:28 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:30:07 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdStartMethodEditing	BL2000\steve	12/6/2021 11:30:24 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\steve	12/6/2021 11:30:24 AM	Import method from sample 03DEC11.D			✓	
CmdSaveMethodAs	BL2000\steve	12/6/2021 11:31:33 AM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/6/2021 11:31:39 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/6/2021 11:31:39 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/6/2021 11:31:40 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/6/2021 11:31:45 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:31:50 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 11:38:22 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/6/2021 12:30:32 PM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\steve	12/7/2021 2:17:28 PM	Open batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/7/2021 3:40:50 PM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/8/2021 10:17:11 AM	Open batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/8/2021 10:17:34 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 10:17:37 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
GenerateReport	BL2000\steve	12/8/2021 10:19:47 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantReports\SB120321_8260B_624pt1_L4			✓	
GenerateReport	BL2000\steve	12/8/2021 10:32:20 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\02_LCSSpike+QuantResults_wGraphics+Chromatogram+AuditTrail.m, Output Path: D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantReports\SB120321_8260B_624pt1_L4-1			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:36 AM	Set SampleApproved = True for sample 03DEC04.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:38 AM	Set SampleApproved = True for sample 03DEC05.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:39 AM	Set SampleApproved = True for sample 03DEC06.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:41 AM	Set SampleApproved = True for sample 03DEC07.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:42 AM	Set SampleApproved = True for sample 03DEC08.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:44 AM	Set SampleApproved = True for sample 03DEC09.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:52 AM	Set SampleApproved = True for sample 03DEC11.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:54 AM	Set SampleApproved = True for sample 03DEC13.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:56 AM	Set SampleApproved = True for sample 03DEC15.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:32:58 AM	Set SampleApproved = True for sample 03DEC17.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:33:04 AM	Set SampleApproved = True for sample 03DEC19.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/8/2021 10:33:06 AM	Set SampleApproved = True for sample CC03DEC11.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 10:33:12 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/8/2021 10:33:40 AM	Save batch D:\Org\Data\SV5972.I\SB120321_BTEX_L4\QuantResults\SB120321_8260B_624pt1_L4.batch.bin			✓	

Energy Laboratories Inc

ANALYTICAL RUN Summary

20-Dec-21

Run ID SV5972.I_211214A

Run Start Date:	12/14/2021
Analyst:	Steve Dilts
Ical:	0
Column ID:	DB-624
Comments:	

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3505B	2nd Source Liquids	1.05	ul	42	ml	LCS, MS, M	12/23/2021
VOCF3517	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	all (TUNE =	12/31/2022
VOCF3546A	Liquids	1.05	ul	42	ml	CCV	1/13/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924560	14DEC02_D_T	VOC-8260-BFB	TUNE	V5972.I\SB121421	12/14/2021 10:2	1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	0	0		100	0	0	0	0	0	0%	0	1.99	0%	
174, % of mass 95	A	%	97	97		100	0	0	0	0	0	97%	50	99.99	0%	
175, % of mass 174	A	%	7.2	7.2		100	0	0	0	0	0	7%	5	9	0%	
176, % of mass 174	A	%	95.2	95.2		100	0	0	0	0	0	95%	95	101	0%	
177, % of mass 176	A	%	6.7	6.7		100	0	0	0	0	0	7%	5	9	0%	
50, % of mass 95	A	%	17.4	17.4		100	0	0	0	0	0	17%	15	40	0%	
75, % of mass 95	A	%	43.9	43.9		100	0	0	0	0	0	44%	30	60	0%	
95, Base Peak	A	%	100	100		100	0	0	0	0	0	100%	0	100	0%	
96, % of mass 95	A	%	6.7	6.7		100	0	0	0	0	0	7%	5	9	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924563	CCV121421	VOC-8260-W-Q	CCV	V5972.I\SB121421	12/14/2021 10:4	1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	122.12274	4.8849096		5	0	0	0.0481	0.5	500	98%	80	120	0%	
Ethylbenzene	A	ug/L	114.45046	4.5780184		5	0	0	0.05	0.5	500	92%	80	120	0%	
m+p-Xylenes	A	ug/L	226.38594	9.0554376		10	0	0	0.0688	0.5	1000	91%	80	120	0%	
o-Xylene	A	ug/L	111.57117	4.4628468		5	0	0	0.0436	0.5	500	89%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924563	CCV121421	VOC-8260-W-Q	CCV	V5972.I\SB1214212/14/2021 10:4		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Toluene	A	ug/L	115.15235	4.606094		5	0	0	0.0606	0.5	500	92%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	337.95711	13.5182844		15	0	0	0.0436	0.5	1500	90%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	236.08514	9.4434056		10	0	0	0.0944	0.5	500	94%	80	120	0%	
Dibromofluoromethane	S	ug/L	248.7142	9.948568		10	0	0	0.07	0.5	500	99%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	244.28995	9.771598		10	0	0	0.112	0.5	500	98%	80	120	0%	
Toluene-d8	S	ug/L	230.94075	9.23763		10	0	0	0.081	0.5	500	92%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924564	LCS121421	VOC-8260-W-Q	LCS-DOD	V5972.I\SB1214212/14/2021 11:1		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	115.72756	4.6291024		5	0	0	0.0481	0.5	500	93%	79	120	0%	
Ethylbenzene	A	ug/L	112.06465	4.482586		5	0	0	0.05	0.5	500	90%	79	121	0%	
m+p-Xylenes	A	ug/L	217.95251	8.7181004		10	0	0	0.0688	0.5	1000	87%	80	121	0%	
o-Xylene	A	ug/L	111.71147	4.4684588		5	0	0	0.0436	0.5	500	89%	78	122	0%	
Toluene	A	ug/L	112.84342	4.5137368		5	0	0	0.0606	0.5	500	90%	80	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	329.66398	13.1865592		15	0	0	0.0436	0.5	1500	88%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	242.44501	9.6978004		10	0	0	0.0944	0.5	500	97%	81	118	0%	
Dibromofluoromethane	S	ug/L	246.87468	9.8749872		10	0	0	0.07	0.5	500	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	251.64703	10.0658812		10	0	0	0.112	0.5	500	101%	85	114	0%	
Toluene-d8	S	ug/L	226.39849	9.0559396		10	0	0	0.081	0.5	500	91%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924565	MBLK121421	VOC-8260-W-Q	MBLK	V5972.I\SB1214212/14/2021 12:0		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	0.5	500	0%	0	0	0%	
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	0.5	500	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924565	MBLK121421	VOC-8260-W-Q	MBLK	V5972.I\SB1214212/14/2021 12:0		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	0.5	1000	0%	0	0	0%	
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	0.5	500	0%	0	0	0%	
Toluene	A	ug/L	0	0		0	0	0	0.0606	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	242.55276	9.7021104		10	0	0	0.0944	0.5	500	97%	81	118	0%	
Dibromofluoromethane	S	ug/L	246.36506	9.8546024		10	0	0	0.07	0.5	500	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	247.59292	9.9037168		10	0	0	0.112	0.5	500	99%	85	114	0%	
Toluene-d8	S	ug/L	231.15159	9.2460636		10	0	0	0.081	0.5	500	92%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924567	B21121001-001	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 12:2		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	UT
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	251.19575	10.04783		10	0	0	0.0944	0	0	100%	81	118	0%	
Dibromofluoromethane	S	ug/L	248.72827	9.9491308		10	0	0	0.07	0	0	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	260.80373	10.4321492		10	0	0	0.112	0	0	104%	85	114	0%	
Toluene-d8	S	ug/L	234.9859	9.399436		10	0	0	0.081	0	0	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924568	B21121001-002	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 12:5		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	15.77535	0.631014		0	0	0	0.05	1	500	0%	0	0	0%	J
m+p-Xylenes	A	ug/L	69.79194	2.7916776		0	0	0	0.0688	1	1000	0%	0	0	0%	
o-Xylene	A	ug/L	109.12697	4.3650788		0	0	0	0.0436	1	500	0%	0	0	0%	
Toluene	A	ug/L	2.78286	0.1113144		0	0	0	0.0606	1	500	0%	0	0	0%	JT
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	18.55821	7.8990848		0	0	0	0.0436	1	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	178.91891	7.1567564		0	0	0	0.0436	1	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	248.07443	9.9229772		10	0	0	0.0944	0	0	99%	81	118	0%	
Dibromofluoromethane	S	ug/L	250.79732	10.0318928		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	259.78977	10.3915908		10	0	0	0.112	0	0	104%	85	114	0%	
Toluene-d8	S	ug/L	223.77884	8.9511536		10	0	0	0.081	0	0	90%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924569	B21121012-001	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 1:22:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	240.20298	9.6081192		10	0	0	0.0944	0	0	96%	81	118	0%	
Dibromofluoromethane	S	ug/L	246.45369	9.8581476		10	0	0	0.07	0	0	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	254.48885	10.179554		10	0	0	0.112	0	0	102%	85	114	0%	
Toluene-d8	S	ug/L	230.7996	9.231984		10	0	0	0.081	0	0	92%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924570	B21121014-001	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 1:47:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	241.73917	9.6695668		10	0	0	0.0944	0	0	97%	81	118	0%	
Dibromofluoromethane	S	ug/L	247.86141	9.9144564		10	0	0	0.07	0	0	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	250.8107	10.032428		10	0	0	0.112	0	0	100%	85	114	0%	
Toluene-d8	S	ug/L	232.7198	9.308792		10	0	0	0.081	0	0	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924571	B21121019-001	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 2:13:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	246.00382	9.8401528		10	0	0	0.0944	0	0	98%	81	118	0%	
Dibromofluoromethane	S	ug/L	245.30634	9.8122536		10	0	0	0.07	0	0	98%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	249.26545	9.970618		10	0	0	0.112	0	0	100%	85	114	0%	
Toluene-d8	S	ug/L	229.58211	9.1832844		10	0	0	0.081	0	0	92%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924572	B21121019-002	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 2:38:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	240.0353	9.601412		10	0	0	0.0944	0	0	96%	81	118	0%	
Dibromofluoromethane	S	ug/L	250.86275	10.03451		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	257.7396	10.309584		10	0	0	0.112	0	0	103%	85	114	0%	
Toluene-d8	S	ug/L	231.21619	9.2486476		10	0	0	0.081	0	0	92%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924573	B21121019-003	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 3:03:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	243.23815	9.729526		10	0	0	0.0944	0	0	97%	81	118	0%	
Dibromofluoromethane	S	ug/L	248.427	9.93708		10	0	0	0.07	0	0	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	254.2904	10.171616		10	0	0	0.112	0	0	102%	85	114	0%	
Toluene-d8	S	ug/L	235.48258	9.4193032		10	0	0	0.081	0	0	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924574	B21121020-001	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 3:28:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	244.65941	9.7863764		10	0	0	0.0944	0	0	98%	81	118	0%	
Dibromofluoromethane	S	ug/L	251.13234	10.0452936		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	250.98909	10.0395636		10	0	0	0.112	0	0	100%	85	114	0%	
Toluene-d8	S	ug/L	231.25942	9.2503768		10	0	0	0.081	0	0	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924575	B21121020-002	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 3:53:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	248.21666	9.9286664		10	0	0	0.0944	0	0	99%	81	118	0%	
Dibromofluoromethane	S	ug/L	250.8381	10.033524		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	256.41205	10.256482		10	0	0	0.112	0	0	103%	85	114	0%	
Toluene-d8	S	ug/L	224.97233	8.9988932		10	0	0	0.081	0	0	90%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924576	B21121001-004	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 4:43:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	2.47214	0.0988856		0	0	0	0.0606	1	500	0%	0	0	0%	J
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	2.47214	0.0988856		0	0	0	0.0606	1	0	0%	0	0	0%	J
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	242.35305	9.694122		10	0	0	0.0944	0	0	97%	81	118	0%	
Dibromofluoromethane	S	ug/L	251.54939	10.0619756		10	0	0	0.07	0	0	101%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	256.24915	10.249966		10	0	0	0.112	0	0	102%	85	114	0%	
Toluene-d8	S	ug/L	229.2743	9.170972		10	0	0	0.081	0	0	92%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924577	B21121001-006	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 5:09:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	241.91921	9.6767684		10	0	0	0.0944	0	0	97%	81	118	0%	
Dibromofluoromethane	S	ug/L	246.11345	9.844538		10	0	0	0.07	0	0	98%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	249.67012	9.9868048		10	0	0	0.112	0	0	100%	85	114	0%	
Toluene-d8	S	ug/L	233.37282	9.3349128		10	0	0	0.081	0	0	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924578	B21121012-002	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 5:34:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	243.0395	9.72158		10	0	0	0.0944	0	0	97%	81	118	0%	
Dibromofluoromethane	S	ug/L	248.96292	9.9585168		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	256.01067	10.2404268		10	0	0	0.112	0	0	102%	85	114	0%	
Toluene-d8	S	ug/L	229.83099	9.1932396		10	0	0	0.081	0	0	92%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924579	B21121014-003	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 5:59:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	242.63887	9.7055548		10	0	0	0.0944	0	0	97%	81	118	0%	
Dibromofluoromethane	S	ug/L	250.66634	10.0266536		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	253.35942	10.1343768		10	0	0	0.112	0	0	101%	85	114	0%	
Toluene-d8	S	ug/L	229.73045	9.189218		10	0	0	0.081	0	0	92%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924580	B21121019-004	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 6:24:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	249.43707	9.9774828		10	0	0	0.0944	0	0	100%	81	118	0%	
Dibromofluoromethane	S	ug/L	250.01595	10.000638		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	253.90501	10.1562004		10	0	0	0.112	0	0	102%	85	114	0%	
Toluene-d8	S	ug/L	232.05882	9.2823528		10	0	0	0.081	0	0	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924581	B21121019-006	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 6:50:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	244.16802	9.7667208		10	0	0	0.0944	0	0	98%	81	118	0%	
Dibromofluoromethane	S	ug/L	250.41162	10.0164648		10	0	0	0.07	0	0	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	251.3524	10.054096		10	0	0	0.112	0	0	101%	85	114	0%	
Toluene-d8	S	ug/L	233.51808	9.3407232		10	0	0	0.081	0	0	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924582	B21121020-004	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 7:15:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	244.40922	9.7763688		10	0	0	0.0944	0	0	98%	81	118	0%	
Dibromofluoromethane	S	ug/L	253.37811	10.1351244		10	0	0	0.07	0	0	101%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	253.86314	10.1545256		10	0	0	0.112	0	0	102%	85	114	0%	
Toluene-d8	S	ug/L	231.98307	9.2793228		10	0	0	0.081	0	0	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924583	B21121020-006	VOC-8260-W-B	SAMP	V5972.I\SB1214212/14/2021 7:40:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	1	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0436	1	0	0%	0	0	0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	1	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	241.13687	9.6454748		10	0	0	0.0944	0	0	96%	81	118	0%	
Dibromofluoromethane	S	ug/L	251.28977	10.0515908		10	0	0	0.07	0	0	101%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	249.24945	9.969978		10	0	0	0.112	0	0	100%	85	114	0%	
Toluene-d8	S	ug/L	234.56914	9.3827656		10	0	0	0.081	0	0	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924584	B21121012-001	VOC-8260-W-Q	SAMP	V5972.I\SB1214212/14/2021 1:22:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0481	0.5	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.05	0.5	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.0688	0.5	1000	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0436	0.5	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0606	0.5	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0436	0.5	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	240.20298	9.6081192		10	0	0	0.0944	0.5	500	96%	81	118	0%	
Dibromofluoromethane	S	ug/L	246.45369	9.8581476		10	0	0	0.07	0.5	500	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	254.48885	10.179554		10	0	0	0.112	0.5	500	102%	85	114	0%	
Toluene-d8	S	ug/L	230.7996	9.231984		10	0	0	0.081	0.5	500	92%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924585	B21121012-001	VOC-8260-W-Q	MS-DOD	V5972.I\SB1214212/14/2021 8:05:		1	R371802		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	114.76158	4.5904632		5	0	0	0.0481	0.5	500	92%	79	120	0%	
Ethylbenzene	A	ug/L	113.19215	4.527686		5	0	0	0.05	0.5	500	91%	79	121	0%	
m+p-Xylenes	A	ug/L	217.63452	8.7053808		10	0	0	0.0688	0.5	1000	87%	80	121	0%	
o-Xylene	A	ug/L	111.27811	4.4511244		5	0	0	0.0436	0.5	500	89%	78	122	0%	
Toluene	A	ug/L	115.06799	4.6027196		5	0	0	0.0606	0.5	500	92%	80	121	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	328.91263	13.1565052		15	0	0	0.0436	0.5	1500	88%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	242.10185	9.684074		10	0	0	0.0944	0.5	500	97%	81	118	0%	
Dibromofluoromethane	S	ug/L	248.77161	9.9508644		10	0	0	0.07	0.5	500	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	246.81497	9.8725988		10	0	0	0.112	0.5	500	99%	85	114	0%	
Toluene-d8	S	ug/L	232.84154	9.3136616		10	0	0	0.081	0.5	500	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924586	B21121012-001	VOC-8260-W-Q	MSD-DOD	V5972.I\SB1214212/14/2021 8:31:		1	R371802		1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	107.06342	4.2825368		5	0	4.5904632	0.0481	0.5	500	86%	79	120	7%	
Ethylbenzene	A	ug/L	105.21023	4.2084092		5	0	4.527686	0.05	0.5	500	84%	79	121	7%	
m+p-Xylenes	A	ug/L	203.43034	8.1372136		10	0	8.7053808	0.0688	0.5	1000	81%	80	121	7%	
o-Xylene	A	ug/L	103.86162	4.1544648		5	0	4.4511244	0.0436	0.5	500	83%	78	122	7%	
Toluene	A	ug/L	107.73595	4.309438		5	0	4.6027196	0.0606	0.5	500	86%	80	121	7%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	307.29196	12.2916784		15	0	13.156505	0.0436	0.5	1500	82%	79	121	7%	
1,2-Dichloroethane-d4	S	ug/L	246.22915	9.849166		10	0	0	0.0944	0.5	500	98%	81	118	0%	
Dibromofluoromethane	S	ug/L	246.72328	9.8689312		10	0	0	0.07	0.5	500	99%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	243.41491	9.7365964		10	0	0	0.112	0.5	500	97%	85	114	0%	
Toluene-d8	S	ug/L	237.86345	9.514538		10	0	0	0.081	0.5	500	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14924587	CCV_CLOSING	VOC-8260-W-Q	CCV	V5972.I\SB1214212/14/2021 8:56:		1	R371802		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	127.74227	5.1096908		5	0	0	0.0481	0.5	500	102%	50	150	0%	
Ethylbenzene	A	ug/L	123.66371	4.9465484		5	0	0	0.05	0.5	500	99%	50	150	0%	
m+p-Xylenes	A	ug/L	243.36835	9.734734		10	0	0	0.0688	0.5	1000	97%	50	150	0%	
o-Xylene	A	ug/L	121.62069	4.8648276		5	0	0	0.0436	0.5	500	97%	50	150	0%	
Toluene	A	ug/L	126.2567	5.050268		5	0	0	0.0606	0.5	500	101%	50	150	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	364.98904	14.5995616		15	0	0	0.0436	0.5	1500	97%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	238.80916	9.5523664		10	0	0	0.0944	0.5	500	96%	50	150	0%	
Dibromofluoromethane	S	ug/L	243.78251	9.7513004		10	0	0	0.07	0.5	500	98%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	245.9843	9.839372		10	0	0	0.112	0.5	500	98%	50	150	0%	
Toluene-d8	S	ug/L	236.78606	9.4714424		10	0	0	0.081	0.5	500	95%	50	150	0%	

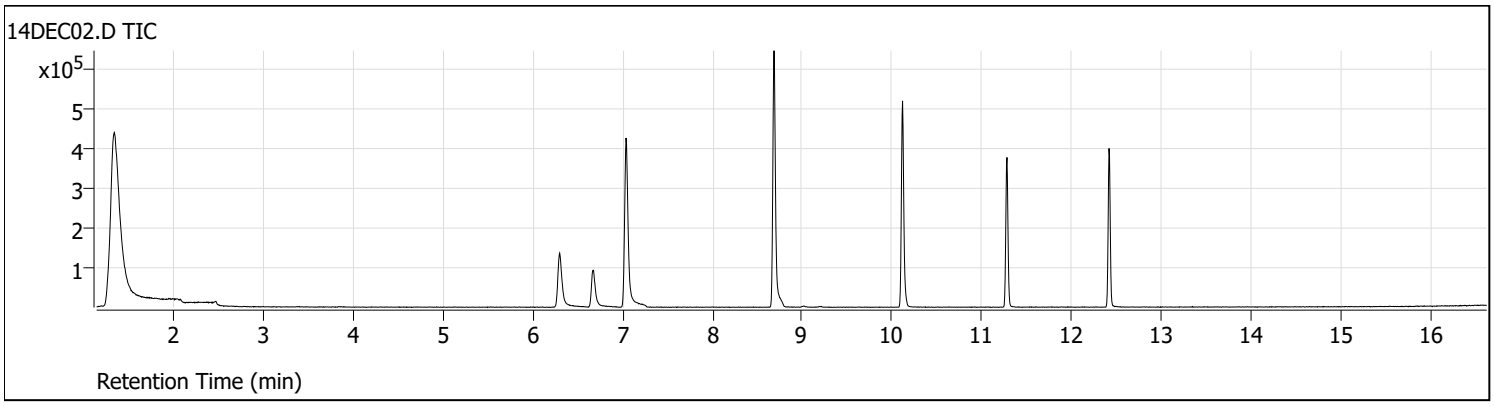
Injection Log

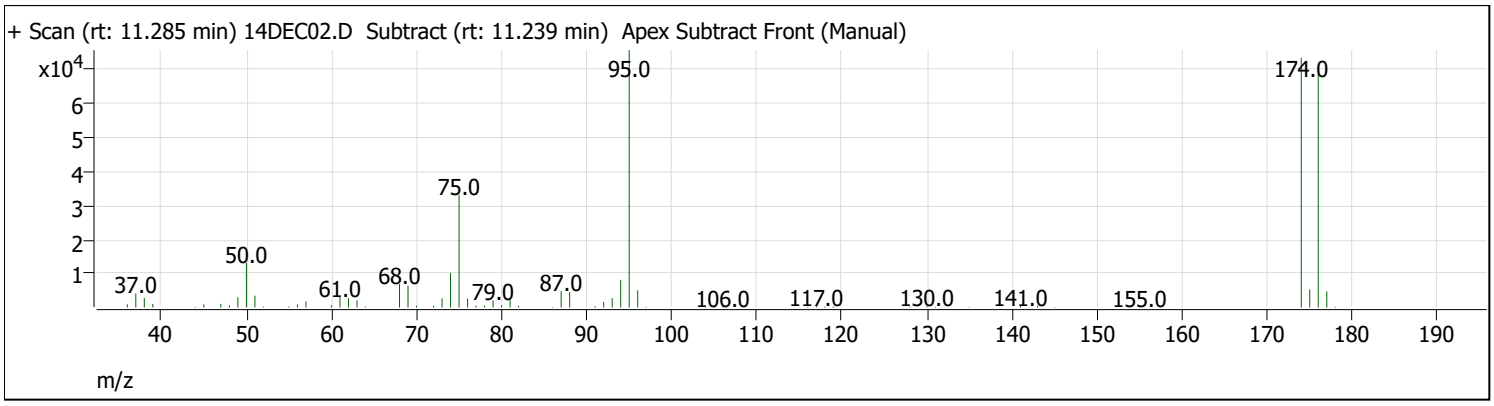
Directory: C:\HPCHEM\1\DATA\SB121421

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	14DEC01.D	1.	PRIMER		14 Dec 2021 09:59
2	2	14DEC02.D	1.	BFB121421		14 Dec 2021 10:24
3	3	14DEC03.D	1.	CCV121421		14 Dec 2021 10:49
4	4	14DEC04.D	1.	LCS121421		14 Dec 2021 11:14
5	5	14DEC05.D	1.	BLK121421		14 Dec 2021 11:39
6	6	14DEC06.D	1.	MBLK121421		14 Dec 2021 12:04
7	7	14DEC07.D	1.	B21121001-001D		14 Dec 2021 12:29
8	8	14DEC08.D	1.	B21121001-002D		14 Dec 2021 12:57
9	9	14DEC09.D	1.	B21121012-001D		14 Dec 2021 13:22
10	10	14DEC10.D	1.	B21121014-001D		14 Dec 2021 13:47
11	11	14DEC11.D	1.	B21121019-001D		14 Dec 2021 14:13
12	12	14DEC12.D	1.	B21121019-002D		14 Dec 2021 14:38
13	13	14DEC13.D	1.	B21121019-003D		14 Dec 2021 15:03
14	14	14DEC14.D	1.	B21121020-001D		14 Dec 2021 15:28
15	15	14DEC15.D	1.	B21121020-002D		14 Dec 2021 15:53
16	16	14DEC16.D	1.	BLK		14 Dec 2021 16:18
17	17	14DEC17.D	1.	B21121001-004A		14 Dec 2021 16:43
18	18	14DEC18.D	1.	B21121001-006A		14 Dec 2021 17:09
19	19	14DEC19.D	1.	B21121012-002A		14 Dec 2021 17:34
20	20	14DEC20.D	1.	B21121014-003A		14 Dec 2021 17:59
21	21	14DEC21.D	1.	B21121019-004A		14 Dec 2021 18:24
22	22	14DEC22.D	1.	B21121019-006A		14 Dec 2021 18:50
23	23	14DEC23.D	1.	B21121020-004A		14 Dec 2021 19:15
24	24	14DEC24.D	1.	B21121020-006A		14 Dec 2021 19:40
25	25	14DEC25.D	1.	B21121012-001DMS		14 Dec 2021 20:05
26	26	14DEC26.D	1.	B21121012-001DMSD		14 Dec 2021 20:31
27	27	14DEC27.D	1.	CCV_CLOSING_121421		14 Dec 2021 20:56
28	28	14DEC28.D	1.	BLK		14 Dec 2021 21:21
29	29	14DEC29.D	1.	BLK		14 Dec 2021 21:46
30	30	14DEC30.D	1.	BLK		14 Dec 2021 22:12

Tune Evaluation Report

Data Path:	D:\Org\Data\SV5972.I\SB121421\14DEC02.D
Acq on:	12/14/2021 10:24:00 AM
Operator:	SBD
Sample:	BFB121421
Inst Name:	GC/MS Ins
ALS Vial:	2
Method:	\\masshunter\Org\Data\Methods\Quant\BFBapex.m





Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	17.4	13151	Pass
75	95	30	60	43.9	33232	Pass
95	95	100	100	100.0	75784	Pass
96	95	5	9	6.7	5043	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	97.0	73512	Pass
175	174	5	9	7.2	5315	Pass
176	174	95	101	95.2	69960	Pass
177	176	5	9	6.7	4703	Pass

Continuing Calibration Report

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Batch Name D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m
Daily CC D:\Org\Data\SV5972.I\SB12142114DEC03.D

Level name	Injection Time	Calibration Files
1	12/3/2021 1:11:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC06.D
2	12/3/2021 1:37:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D
3	12/3/2021 2:02:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D
4	12/3/2021 2:28:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D
5	12/3/2021 3:19:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D
6	12/3/2021 4:09:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D
7	12/3/2021 5:00:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D
8	12/3/2021 5:51:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D
CC	12/14/2021 10:49:00 AM	D:\Org\Data\SV5972.I\SB121421\14DEC03.D <======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	994213	980768	986225	100.56 #	M
Chlorobenzene-d5	302331	307040	309153	100.69 #	M
1,4-Dichlorobenzene-d4	203297	200565	195639	97.54	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dibromofluoromethane	0.2494	0.2481	250.00	248.71	0.51	95.04	Avg RF
1,2-Dichloroethane-d4	0.0956	0.0903	250.00	236.09	5.57	96.16	Avg RF
Benzene	1.0416	1.0177	125.00	122.12	2.30	46.47	Avg RF
1,2-Dichloroethane	0.1860	0.1934	125.00	129.98	-3.98	48.30	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Toluene-d8	3.0718	2.8376	250.00	230.94	7.62	95.10	Avg RF
Toluene	2.1138	1.9473	125.00	115.15	7.88	45.30	Avg RF
Ethylbenzene	3.4972	3.2020	125.00	114.45	8.44	45.84	Avg RF
m+p-Xylenes	1.3204	1.1956	250.00	226.39	9.45	44.95	Avg RF
o-Xylene	1.1673	1.0419	125.00	111.57	10.74	44.13	Avg RF
1,4-Dichlorobenzene-d4	----------ISTD----------						
p-Bromofluorobenzene	1.1593	1.1328	250.00	244.29	2.28	95.37	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Continuing Calibration Report

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Batch Name D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m
Daily CC D:\Org\Data\SV5972.I\SB12142114DEC27.D

Level name	Injection Time	Calibration Files
1	12/3/2021 1:11:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC06.D
2	12/3/2021 1:37:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC07.D
3	12/3/2021 2:02:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC08.D
4	12/3/2021 2:28:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC09.D
5	12/3/2021 3:19:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC11.D
6	12/3/2021 4:09:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC13.D
7	12/3/2021 5:00:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC15.D
8	12/3/2021 5:51:00 PM	D:\Org\Data\SV5972.I\SB120321_BTEX_L4\03DEC17.D
CC	12/14/2021 8:56:00 PM	D:\Org\Data\SV5972.I\SB121421\14DEC27.D <======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	994213	980768	984557	100.39 #	M
Chlorobenzene-d5	302331	307040	298676	97.28	M
1,4-Dichlorobenzene-d4	203297	200565	189240	94.35	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dibromofluoromethane	0.2494	0.2432	250.00	243.78	2.49	93.00	Avg RF
1,2-Dichloroethane-d4	0.0956	0.0913	250.00	238.81	4.48	97.11	Avg RF
Benzene	1.0416	1.0645	125.00	127.74	-2.19	48.53	Avg RF
1,2-Dichloroethane	0.1860	0.2046	125.00	137.52	-10.01	51.01	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Toluene-d8	3.0718	2.9094	250.00	236.79	5.29	94.20	Avg RF
Toluene	2.1138	2.1351	125.00	126.26	-1.01	47.99	Avg RF
Ethylbenzene	3.4972	3.4598	125.00	123.66	1.07	47.85	Avg RF
m+p-Xylenes	1.3204	1.2853	250.00	243.37	2.65	46.69	Avg RF
o-Xylene	1.1673	1.1358	125.00	121.62	2.70	46.47	Avg RF
1,4-Dichlorobenzene-d4	----------ISTD----------						
p-Bromofluorobenzene	1.1593	1.1407	250.00	245.98	1.61	92.89	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Quantitation Results Report (QT Reviewed)

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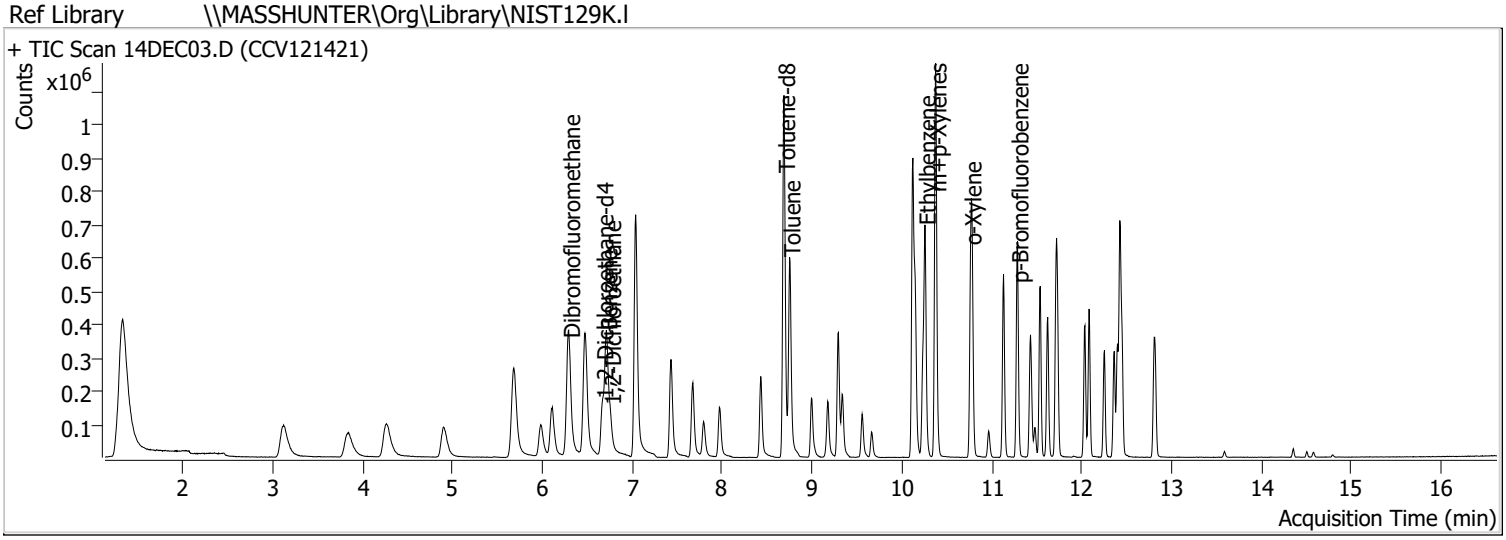
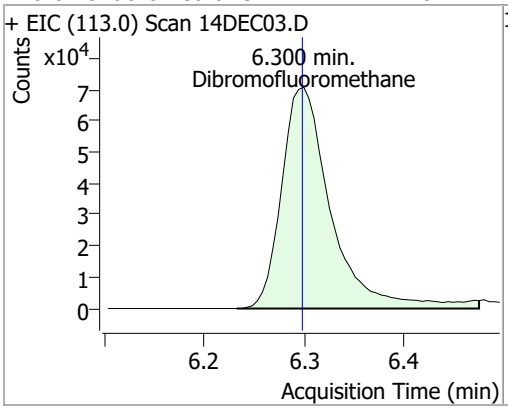
Data File	14DEC03.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 10:49:00 AM
Sample Name	CCV121421	Instrument	GC/MS Ins
Vial	3	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

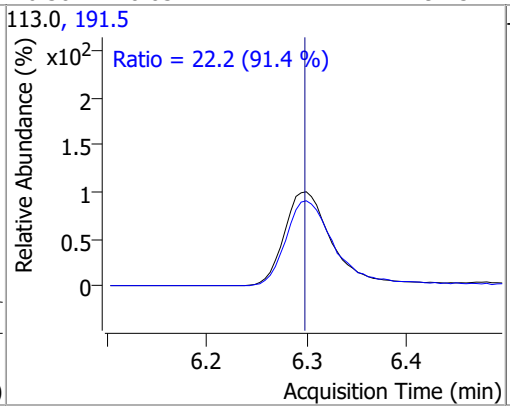


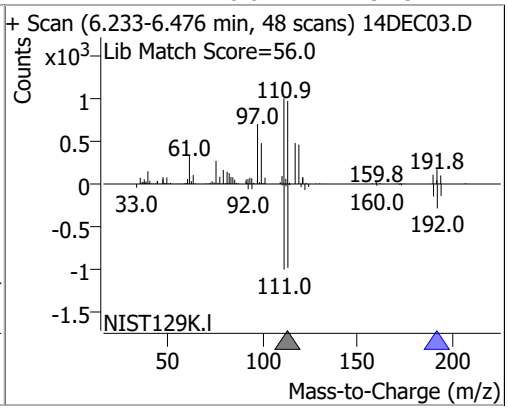
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.040	96.0	986225	250.0000	ng	0.026
M Chlorobenzene-d5	10.123	82.0	309153	250.0000	ng	0.026
M 1,4-Dichlorobenzene-d4	12.425	152.0	195639	250.0000	ng	0.021
System Monitoring Compounds						
S Dibromofluoromethane	6.300	113.0	244712	248.7142	ng	0.026
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.49%		
S 1,2-Dichloroethane-d4	6.672	67.0	89036	236.0851	ng	0.026
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 94.43%		
S Toluene-d8	8.690	98.0	877255	230.9407	ng	0.026
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 92.38%		
S p-Bromofluorobenzene	11.287	95.0	221622	244.2899	ng	0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 97.72%		
Target Compounds						**QValue**
T Benzene	6.714	78.0	501827	122.1227	ng	99
T 1,2-Dichloroethane	6.755	62.0	95359	129.9804	ng	98
T Toluene	8.752	92.0	301007	115.1524	ng	98
T Ethylbenzene	10.257	91.0	494959	114.4505	ng	98
T m+p-Xylenes	10.376	106.0	369638	226.3859	ng	96
T o-Xylene	10.764	106.0	161055	111.5712	ng	94

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

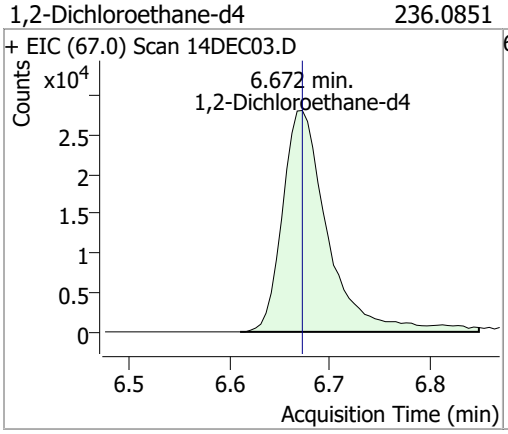
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	248.7142	6.30	0.03	244712	191.5	22.2	0.0	54.3

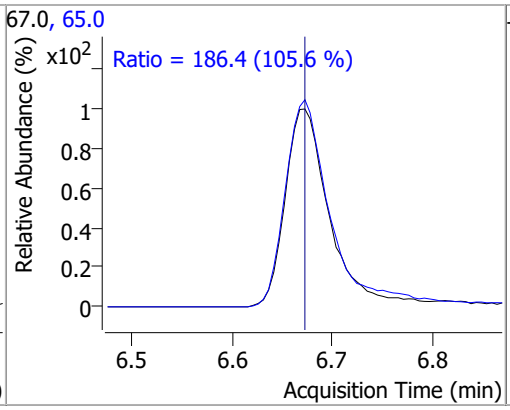


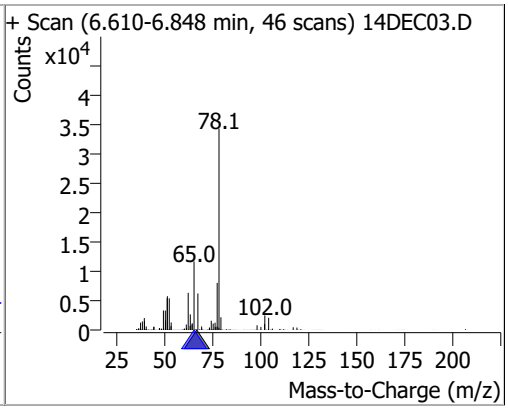




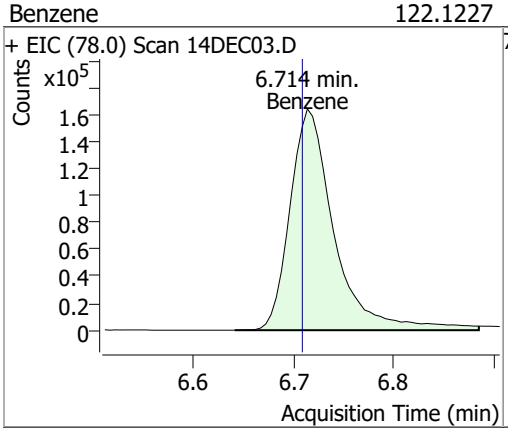
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	236.0851	6.67	0.03	89036	65.0	186.4	146.6	206.6

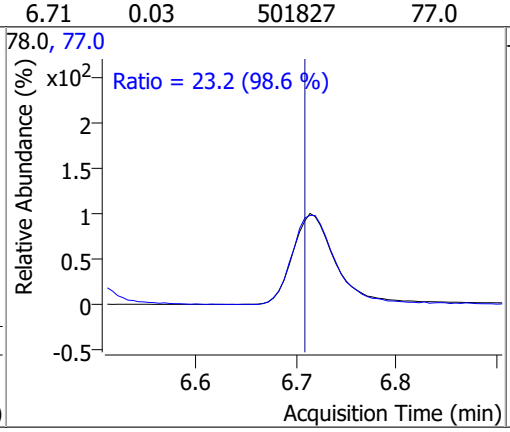


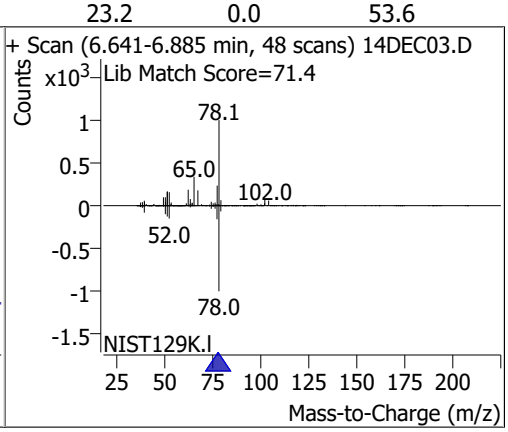




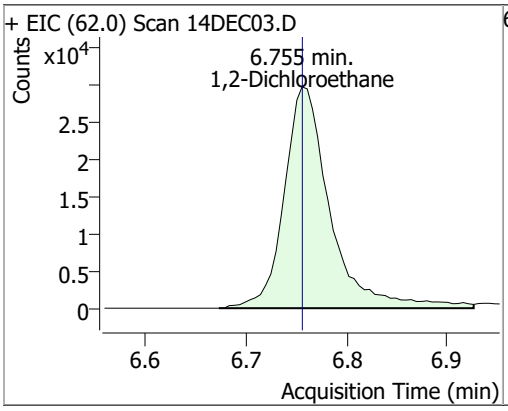
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	122.1227	6.71	0.03	501827	77.0	23.2	0.0	53.6

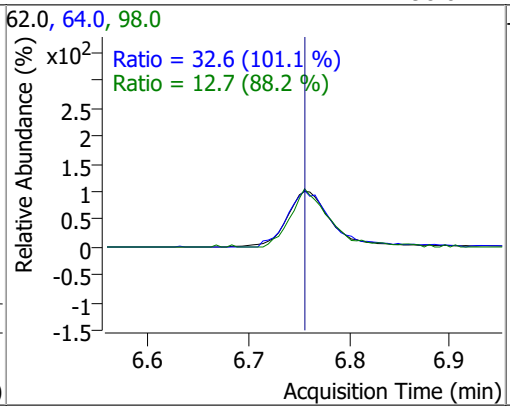


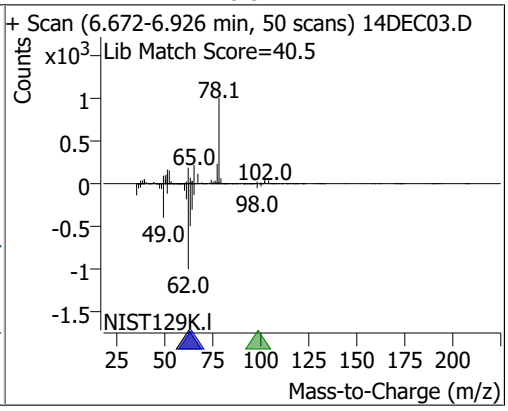




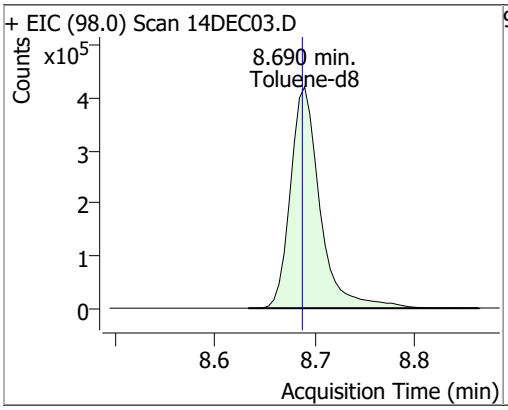
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	129.9804	6.76	0.03	95359	64.0	32.6	2.2	62.2
					98.0	12.7	0.0	44.4

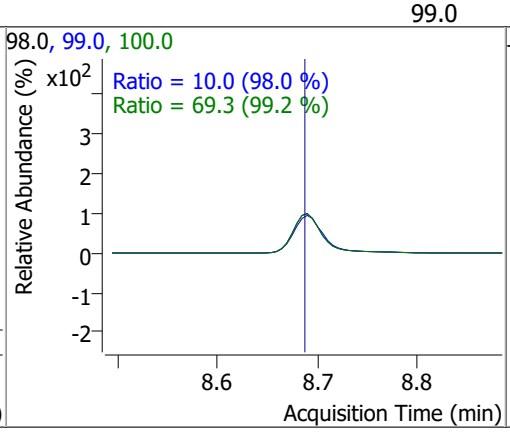


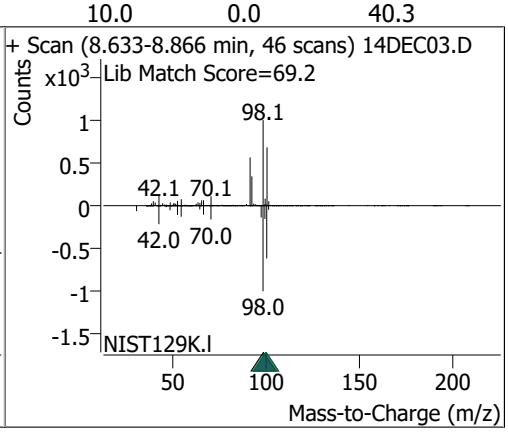




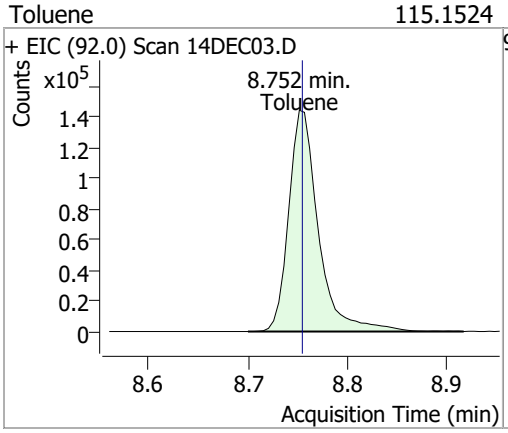
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	230.9407	8.69	0.03	877255	100.0	69.3	39.9	99.9
					99.0	10.0	0.0	40.3

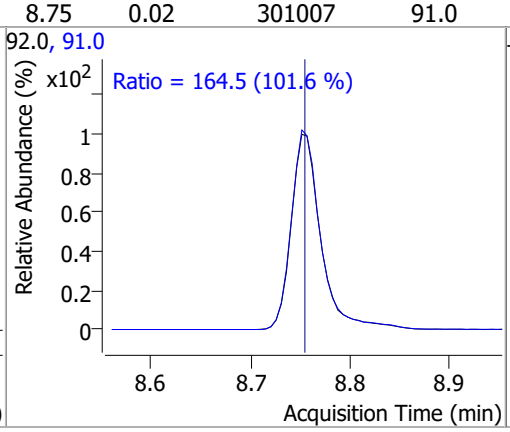


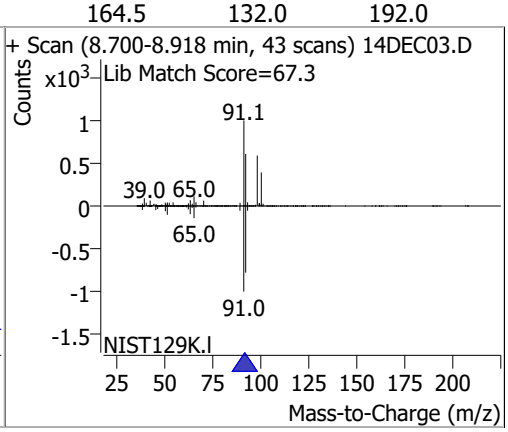




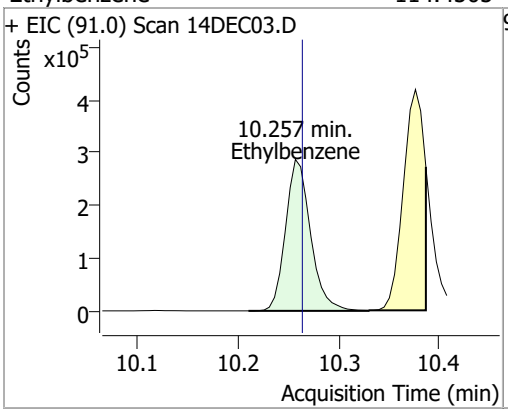
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	115.1524	8.75	0.02	301007	91.0	164.5	132.0	192.0

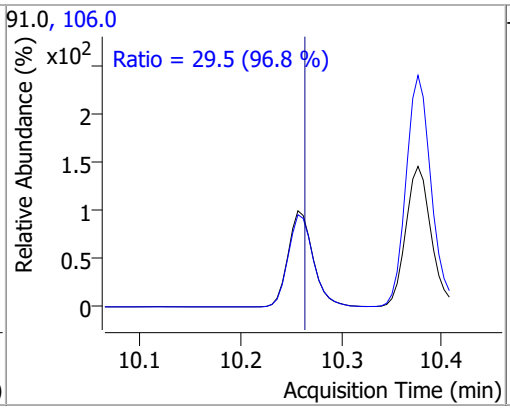


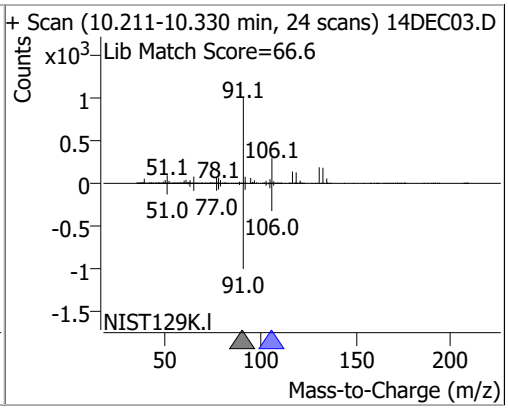




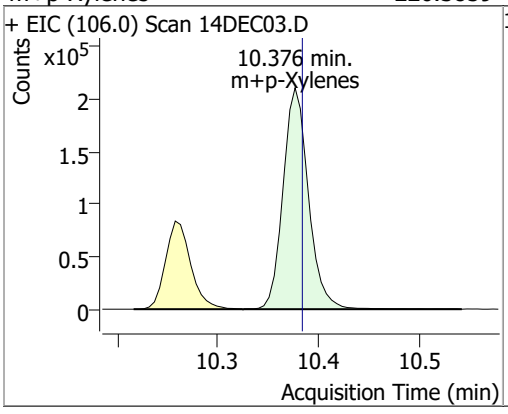
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	114.4505	10.26	0.02	494959	106.0	29.5	0.4	60.4

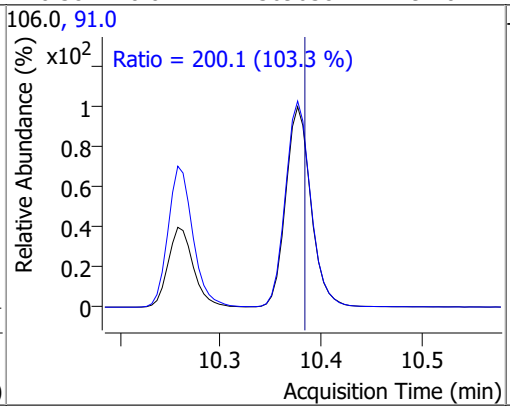


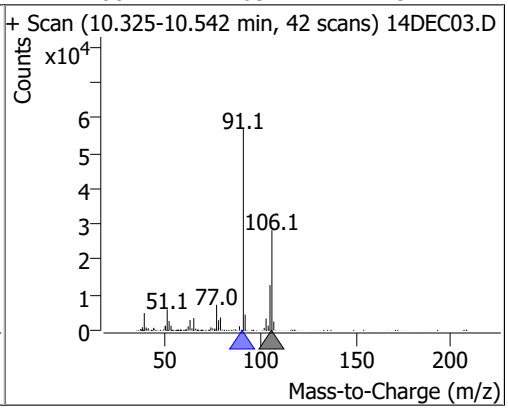




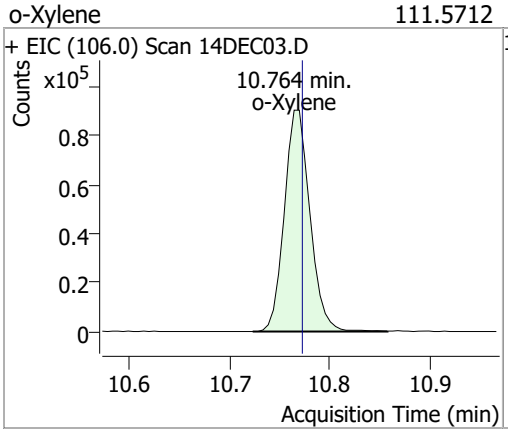
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	226.3859	10.38	0.02	369638	91.0	200.1	163.7	223.7

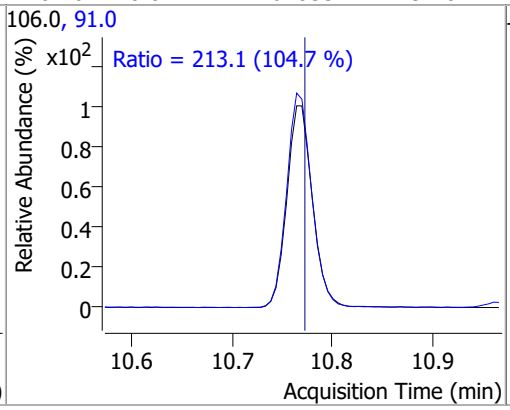


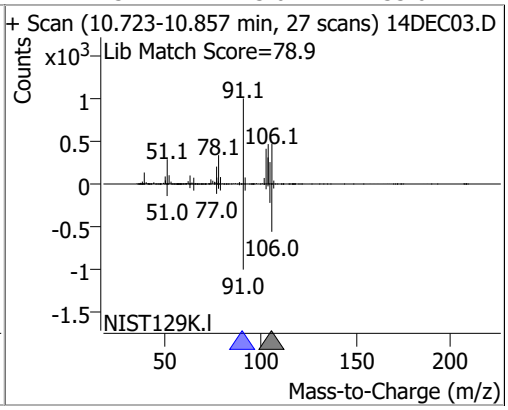




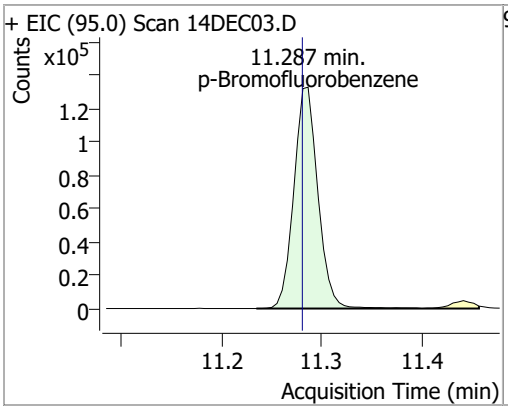
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	111.5712	10.76	0.02	161055	91.0	213.1	173.6	233.6

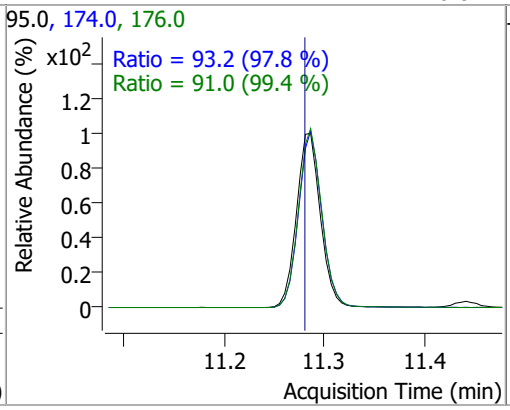


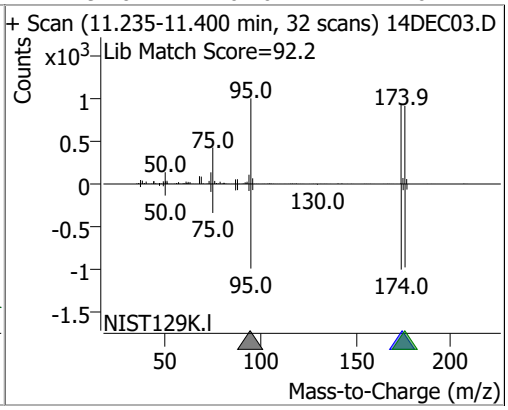




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	244.2899	11.29	0.03	221622	174.0	93.2	65.3	125.3
					176.0	91.0	61.6	121.6

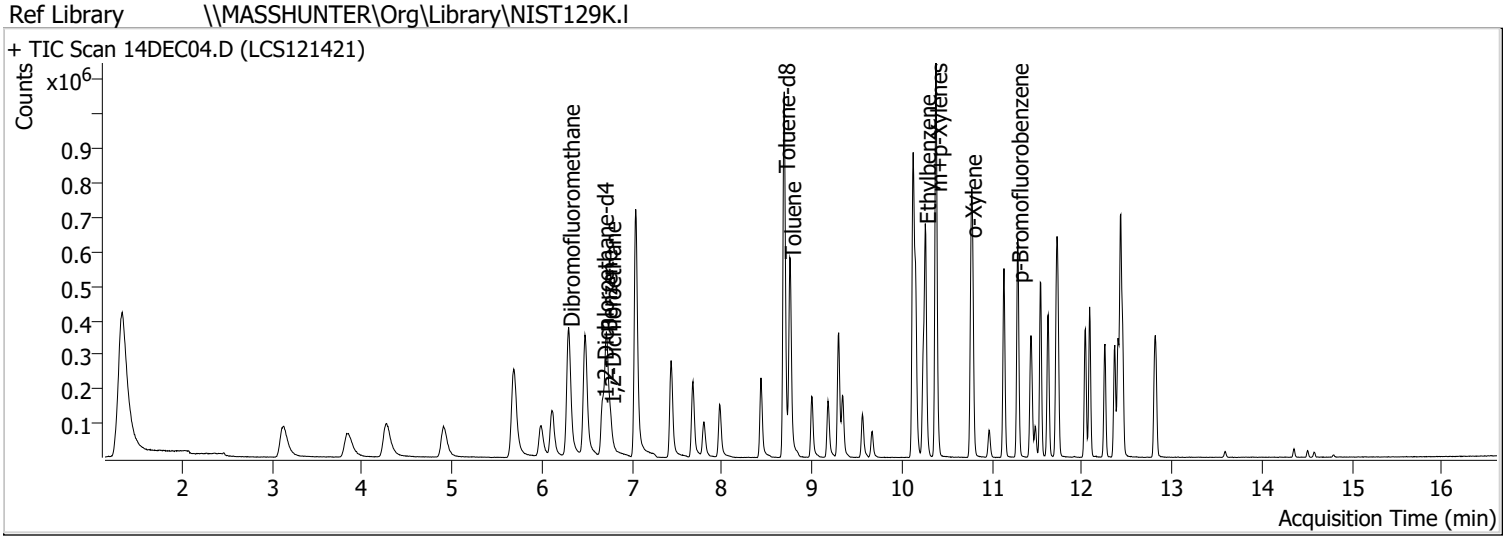






Quantitation Results Report (QT Reviewed)

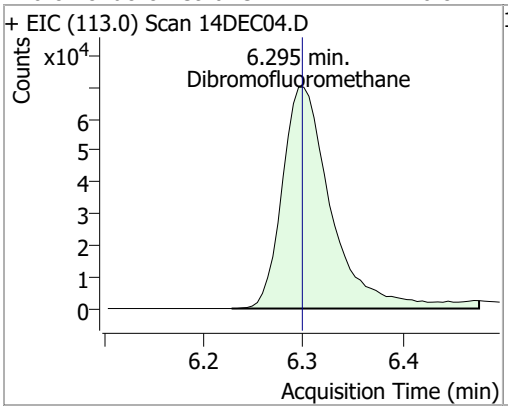
Data File	14DEC04.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 11:14:00 AM
Sample Name	LCS121421	Instrument	GC/MS Ins
Vial	4	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

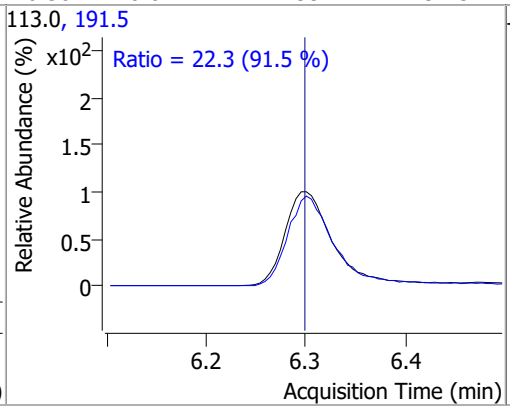


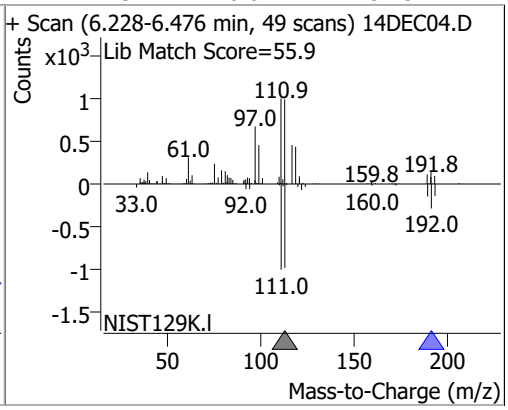
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.040	96.0	986586	250.0000	ng	0.026
M Chlorobenzene-d5	10.123	82.0	308226	250.0000	ng	0.026
M 1,4-Dichlorobenzene-d4	12.425	152.0	190850	250.0000	ng	0.021
System Monitoring Compounds						
S Dibromofluoromethane	6.295	113.0	242991	246.8747	ng	0.021
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.75%		
S 1,2-Dichloroethane-d4	6.673	67.0	91468	242.4450	ng	0.026
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 96.98%		
S Toluene-d8	8.690	98.0	857422	226.3985	ng	0.026
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 90.56%		
S p-Bromofluorobenzene	11.282	95.0	222708	251.6470	ng	0.021
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.66%		
Target Compounds						**QValue**
T Benzene	6.714	78.0	475722	115.7276	ng	100
T 1,2-Dichloroethane	6.756	62.0	91450	124.6066	ng	99
T Toluene	8.757	92.0	294087	112.8434	ng	99
T Ethylbenzene	10.258	91.0	483188	112.0647	ng	99
T m+p-Xylenes	10.377	106.0	354801	217.9525	ng	95
T o-Xylene	10.765	106.0	160774	111.7115	ng	94

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

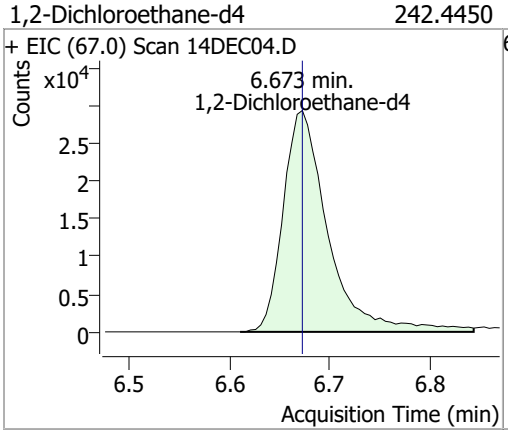
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	246.8747	6.30	0.02	242991	191.5	22.3	0.0	54.3

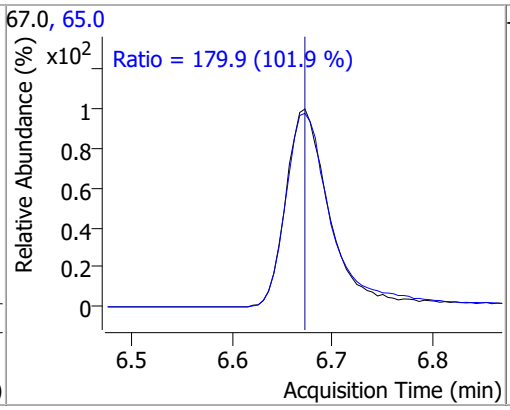


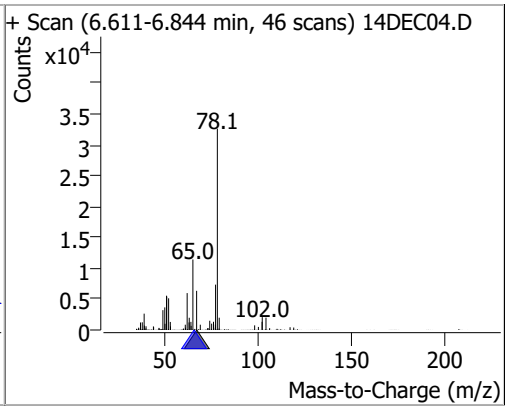




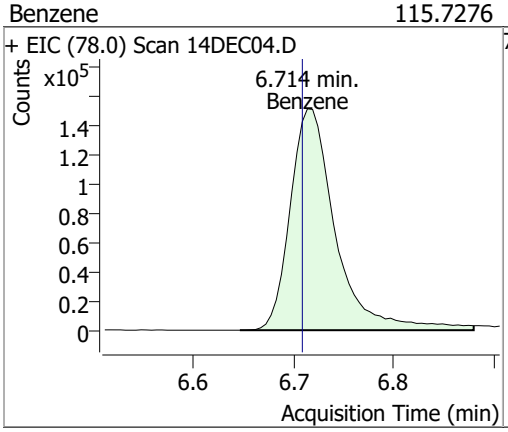
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	242.4450	6.67	0.03	91468	65.0	179.9	146.6	206.6

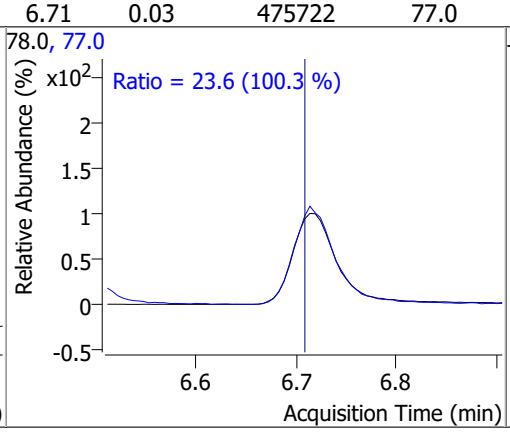


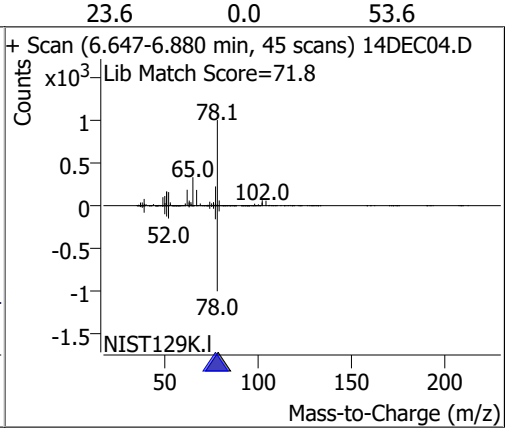




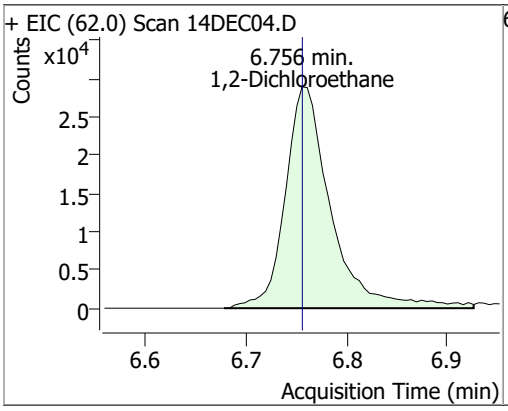
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	115.7276	6.71	0.03	475722	77.0	23.6	0.0	53.6

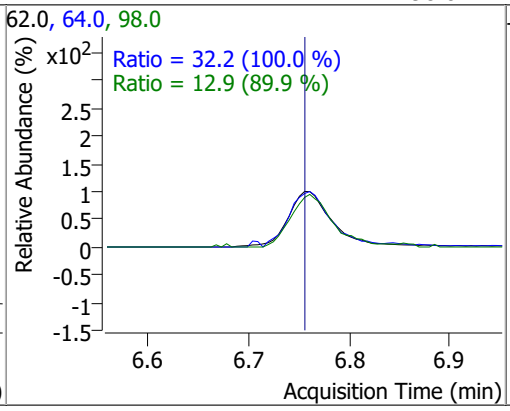


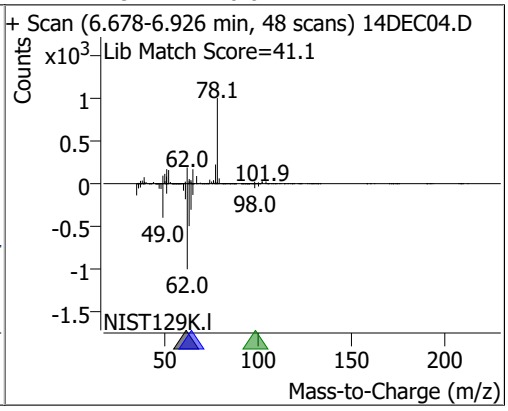




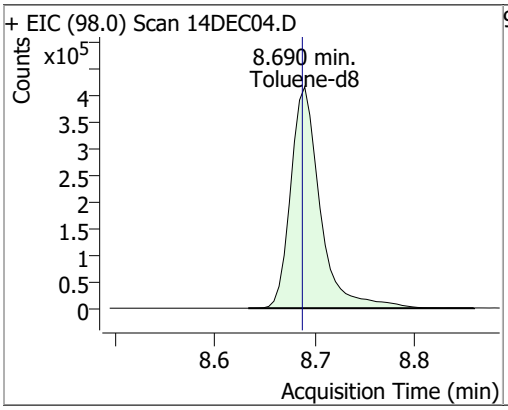
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	124.6066	6.76	0.03	91450	64.0	32.2	2.2	62.2
					98.0	12.9	0.0	44.4

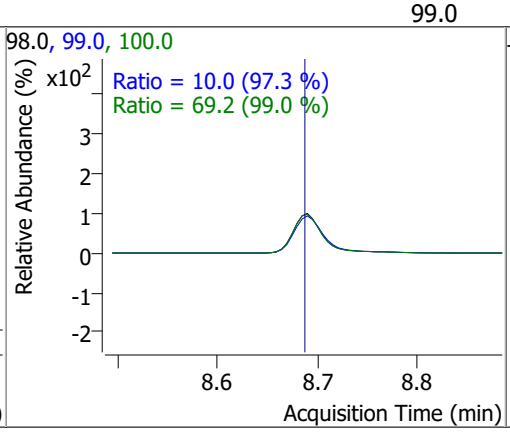


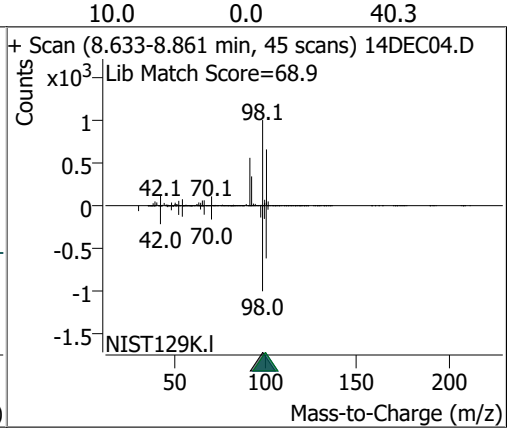




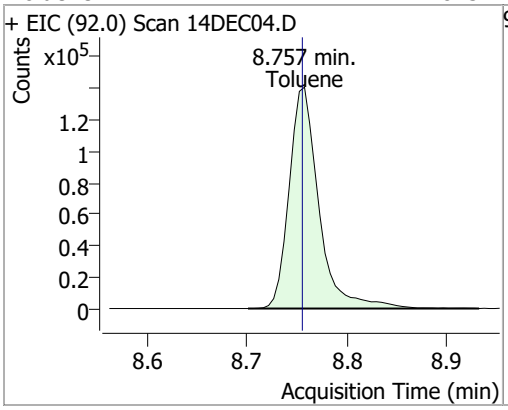
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	226.3985	8.69	0.03	857422	100.0	69.2	39.9	99.9
					99.0	10.0	0.0	40.3

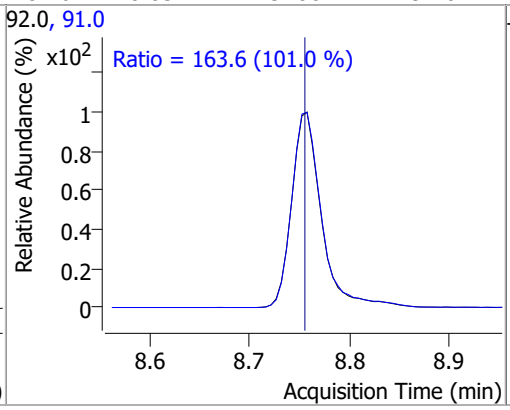


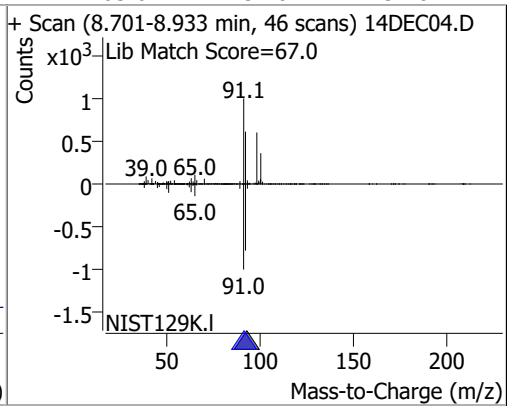




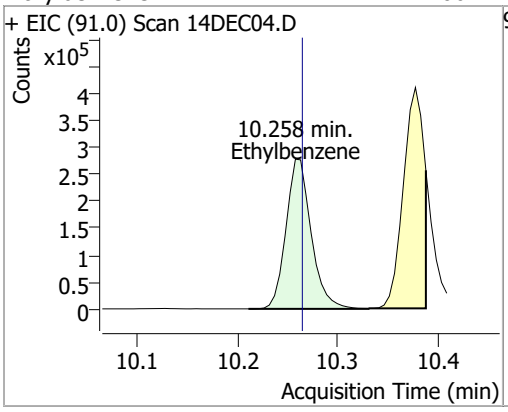
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	112.8434	8.76	0.03	294087	91.0	163.6	132.0	192.0

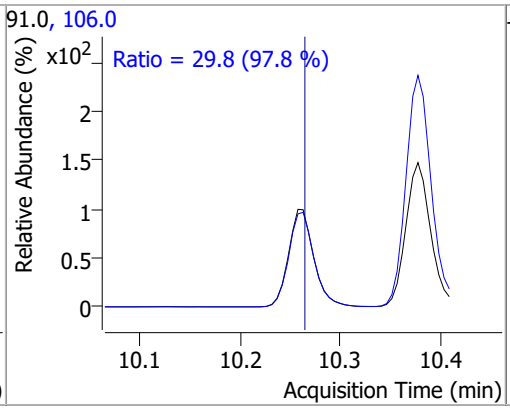


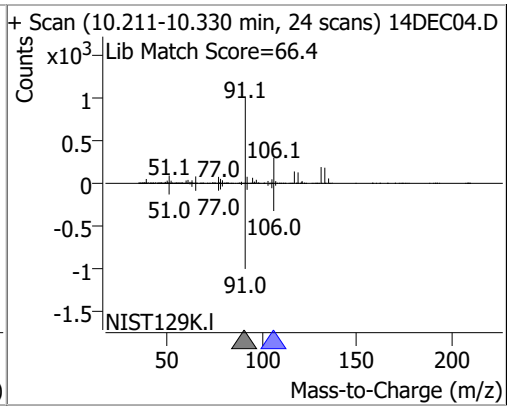




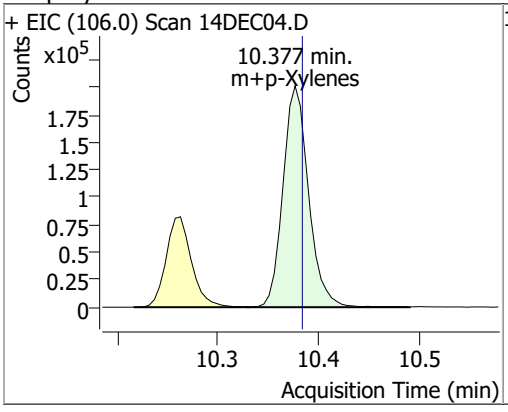
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	112.0647	10.26	0.02	483188	106.0	29.8	0.4	60.4

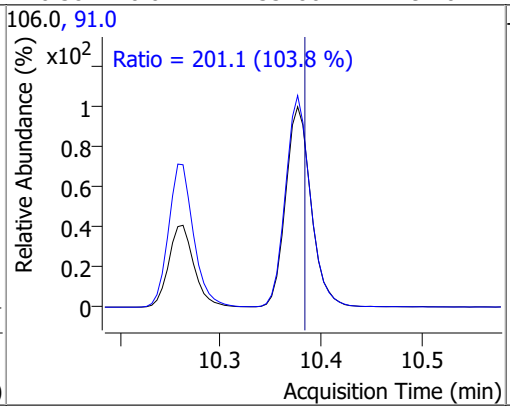


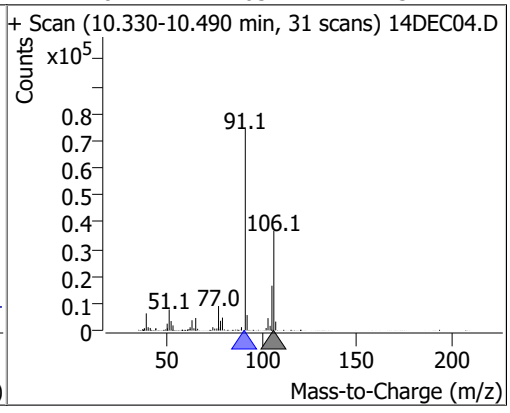




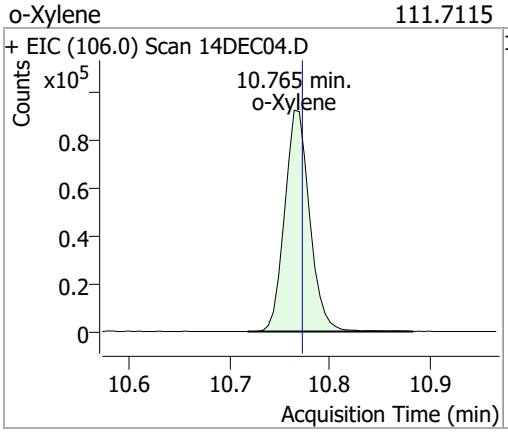
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	217.9525	10.38	0.02	354801	91.0	201.1	163.7	223.7

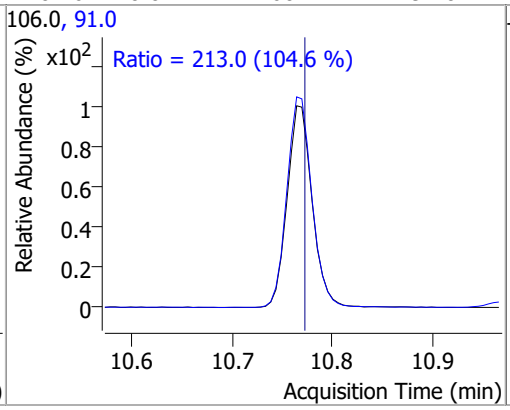


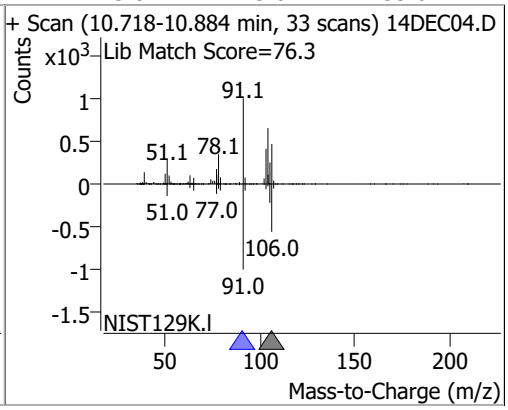




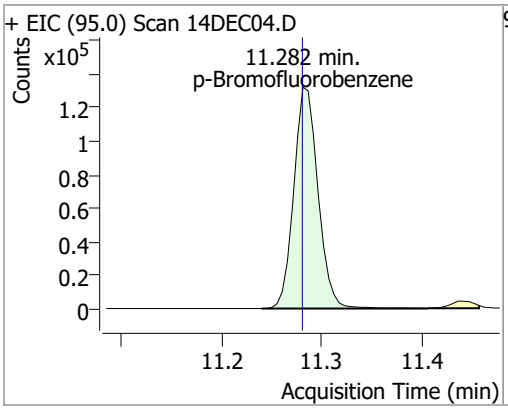
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	111.7115	10.76	0.02	160774	91.0	213.0	173.6	233.6

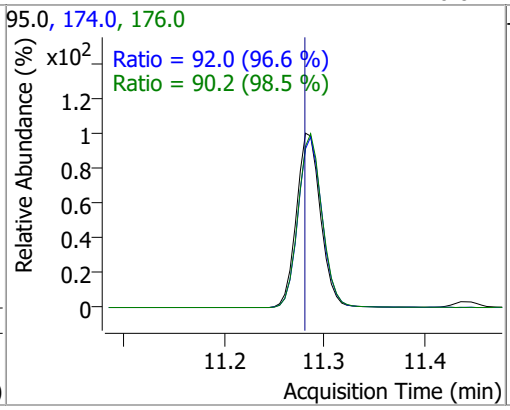


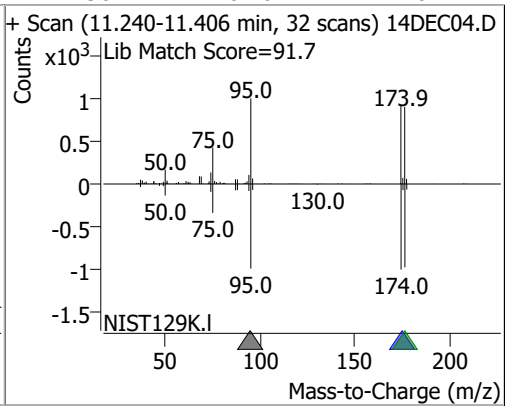




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	251.6470	11.28	0.02	222708	174.0	92.0	65.3	125.3
					176.0	90.2	61.6	121.6

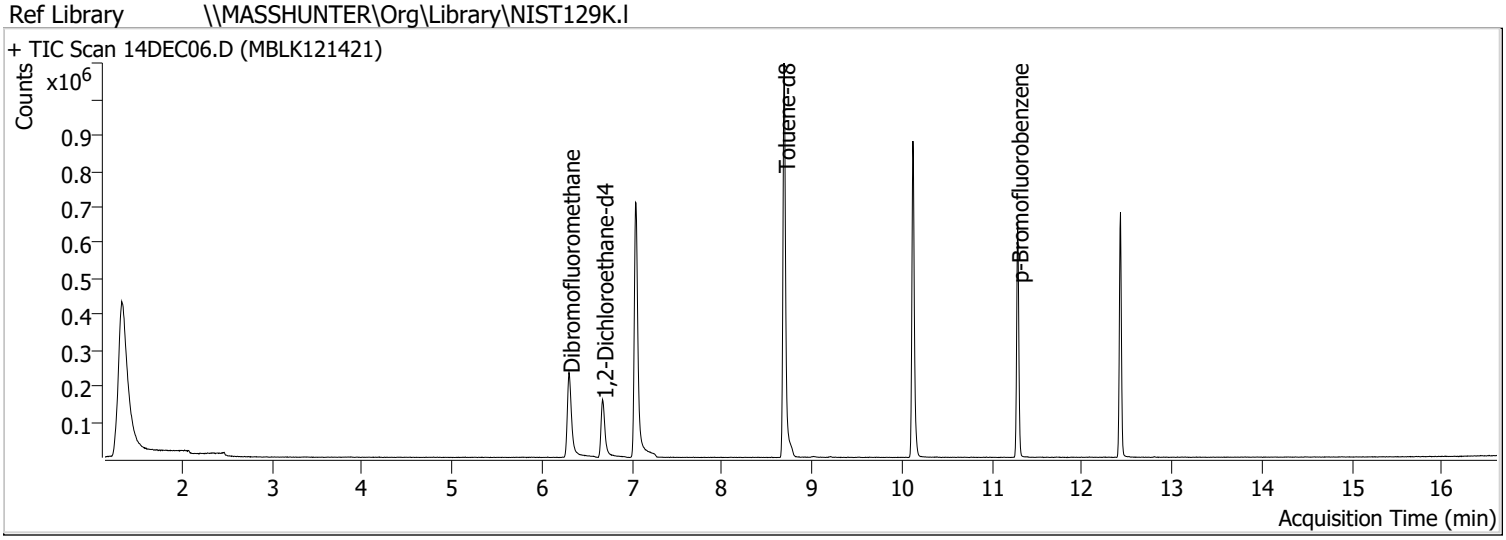






Quantitation Results Report (QT Reviewed)

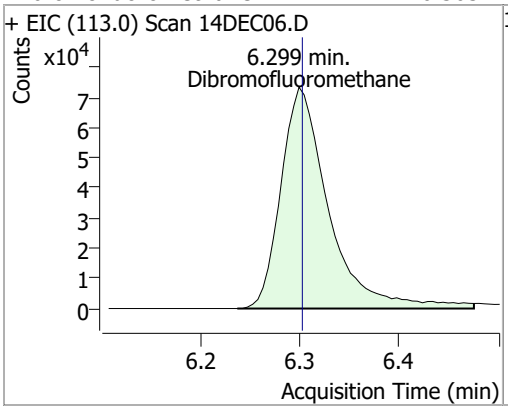
Data File	14DEC06.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 12:04:00 PM
Sample Name	MBLK121421	Instrument	GC/MS Ins
Vial	6	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

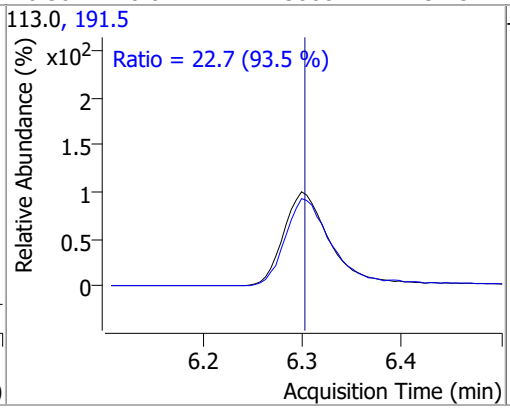


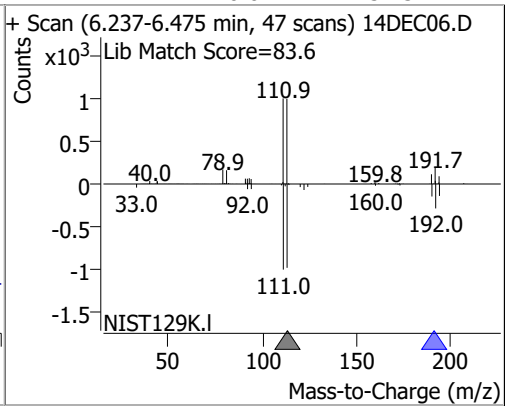
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.044	96.0	1000088	250.0000	ng	0.030
M Chlorobenzene-d5	10.122	82.0	312250	250.0000	ng	0.025
M 1,4-Dichlorobenzene-d4	12.429	152.0	194218	250.0000	ng	0.025
System Monitoring Compounds						
S Dibromofluoromethane	6.299	113.0	245808	246.3651	ng	0.025
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.55%		
S 1,2-Dichloroethane-d4	6.672	67.0	92761	242.5528	ng	0.025
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 97.02%		
S Toluene-d8	8.689	98.0	886852	231.1516	ng	0.025
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 92.46%		
S p-Bromofluorobenzene	11.286	95.0	222987	247.5929	ng	0.025
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 99.04%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

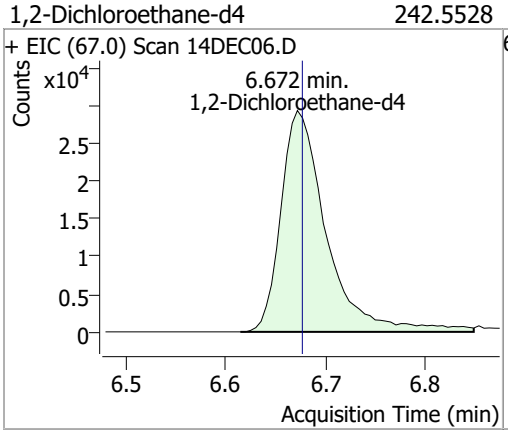
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	246.3651	6.30	0.02	245808	191.5	22.7	0.0	54.3

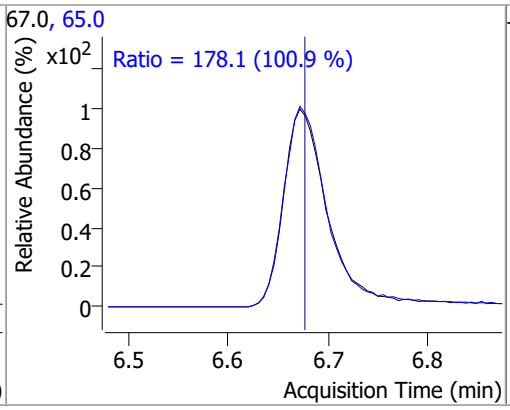


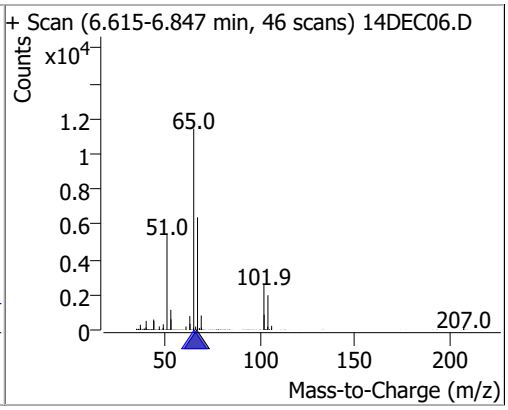




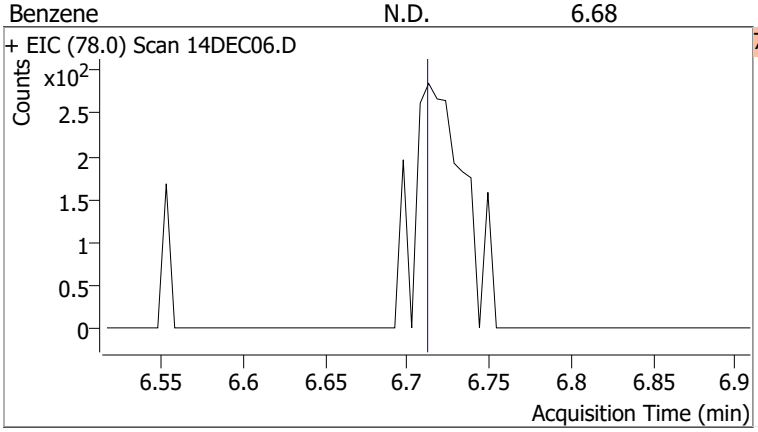
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	242.5528	6.67	0.02	92761	65.0	178.1	146.6	206.6

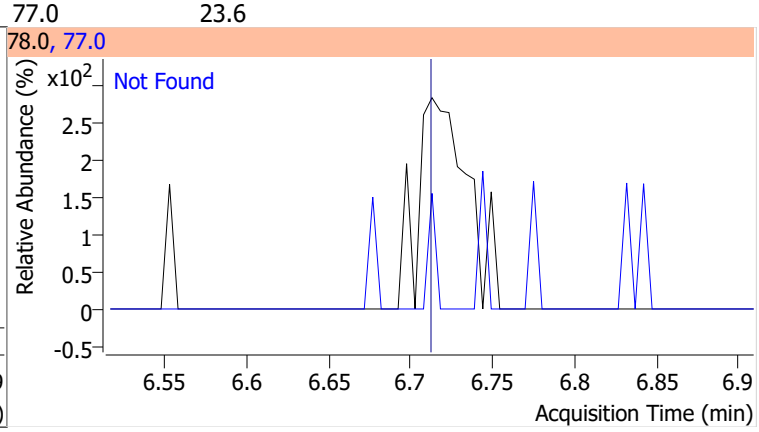




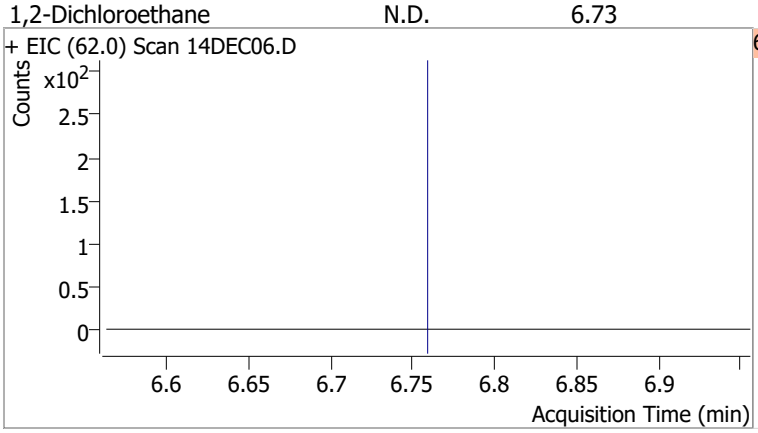


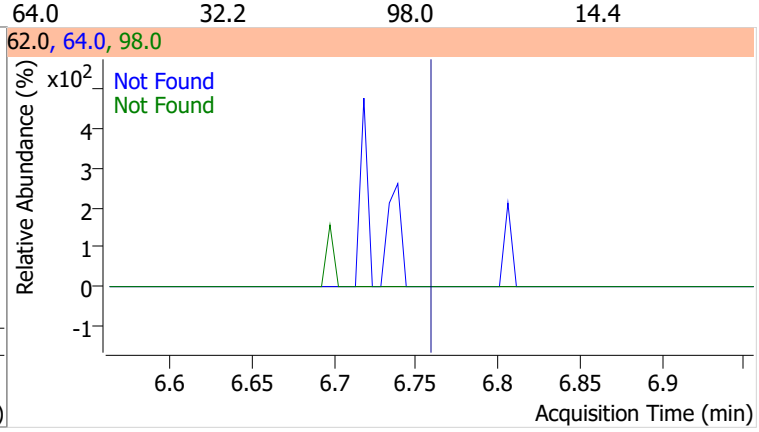
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6





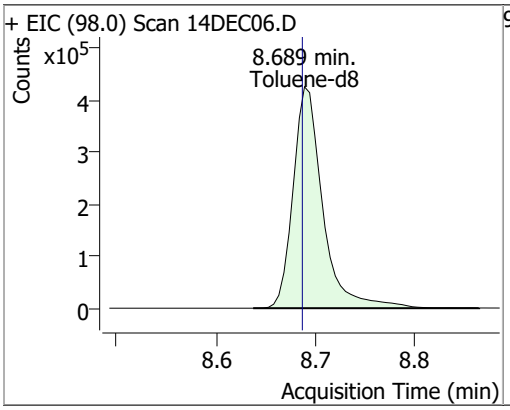
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

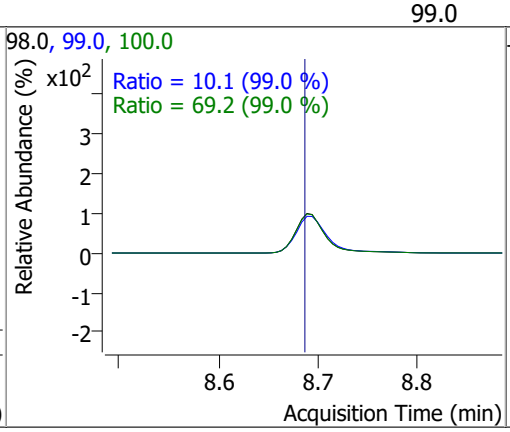


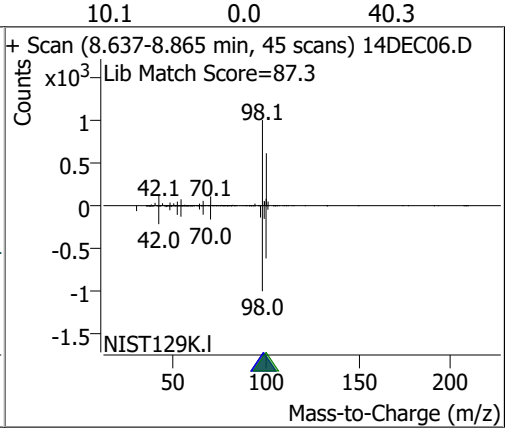


Quantitation Results Report (QT Reviewed)

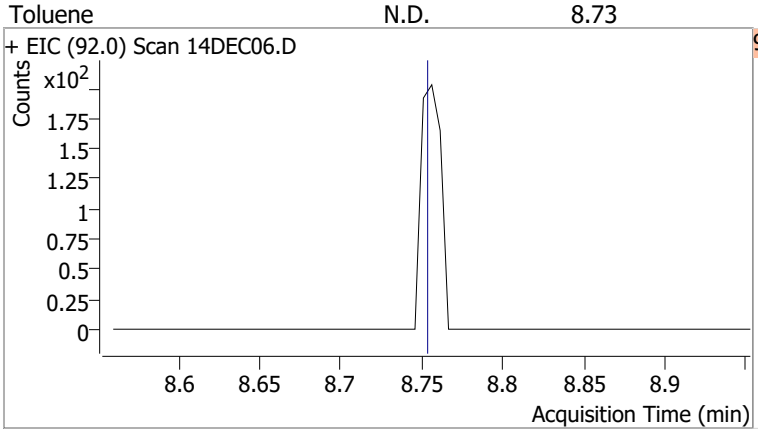
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	231.1516	8.69	0.02	886852	100.0	69.2	39.9	99.9
					99.0	10.1	0.0	40.3

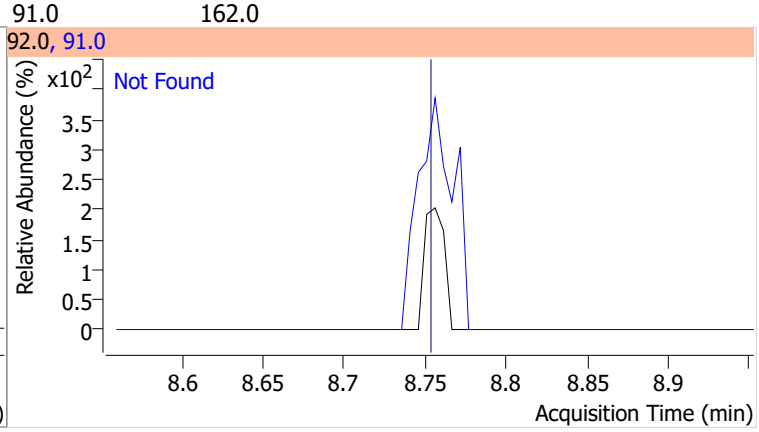




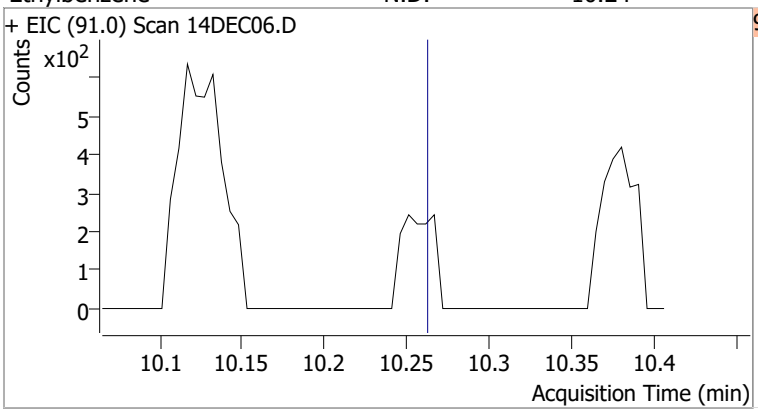


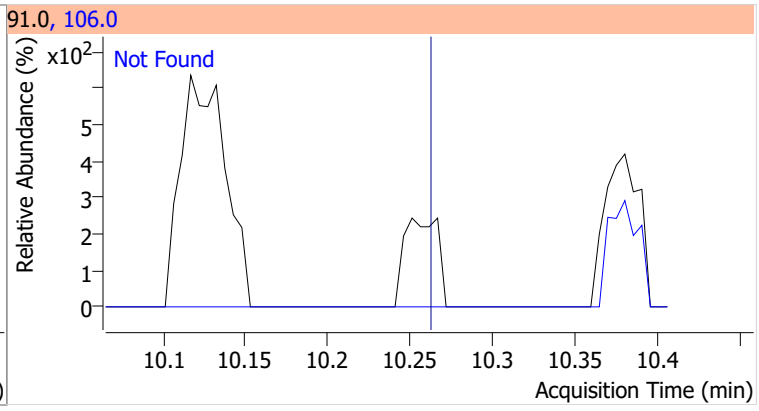
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



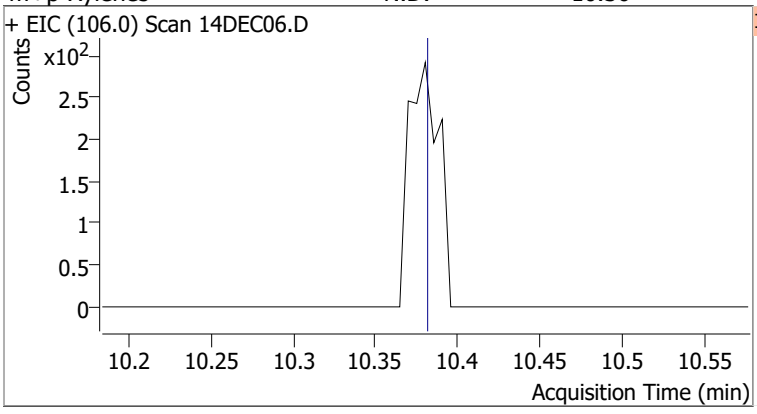


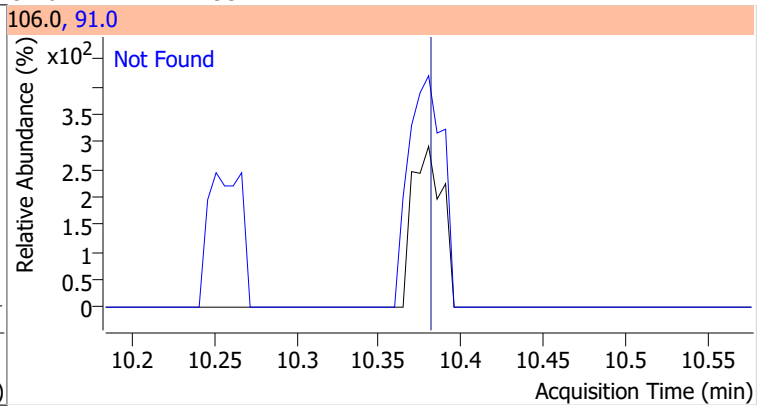
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



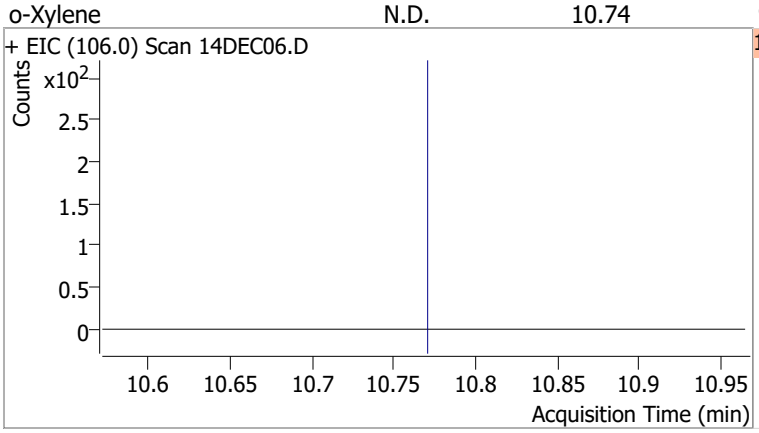


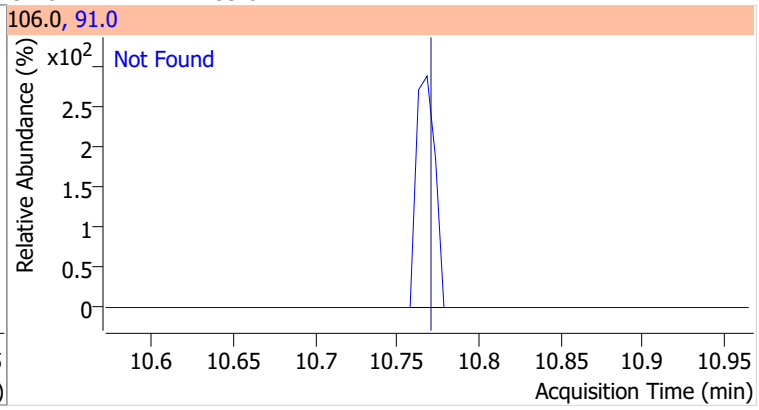
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



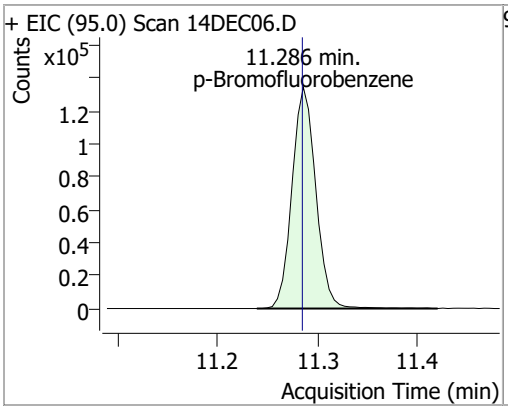


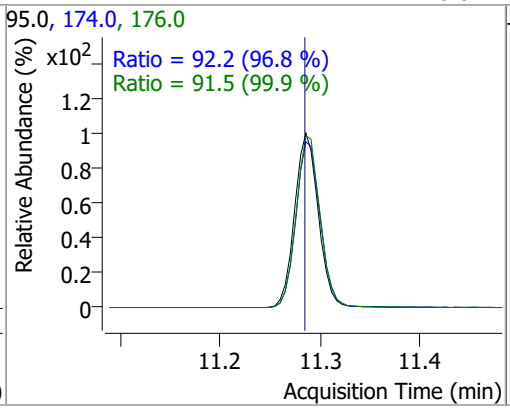
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

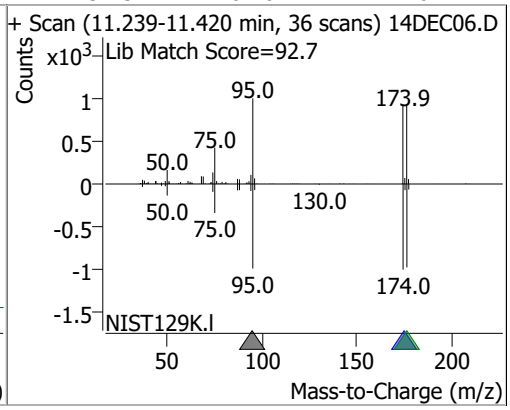




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	247.5929	11.29	0.02	222987	174.0	92.2	65.3	125.3
					176.0	91.5	61.6	121.6

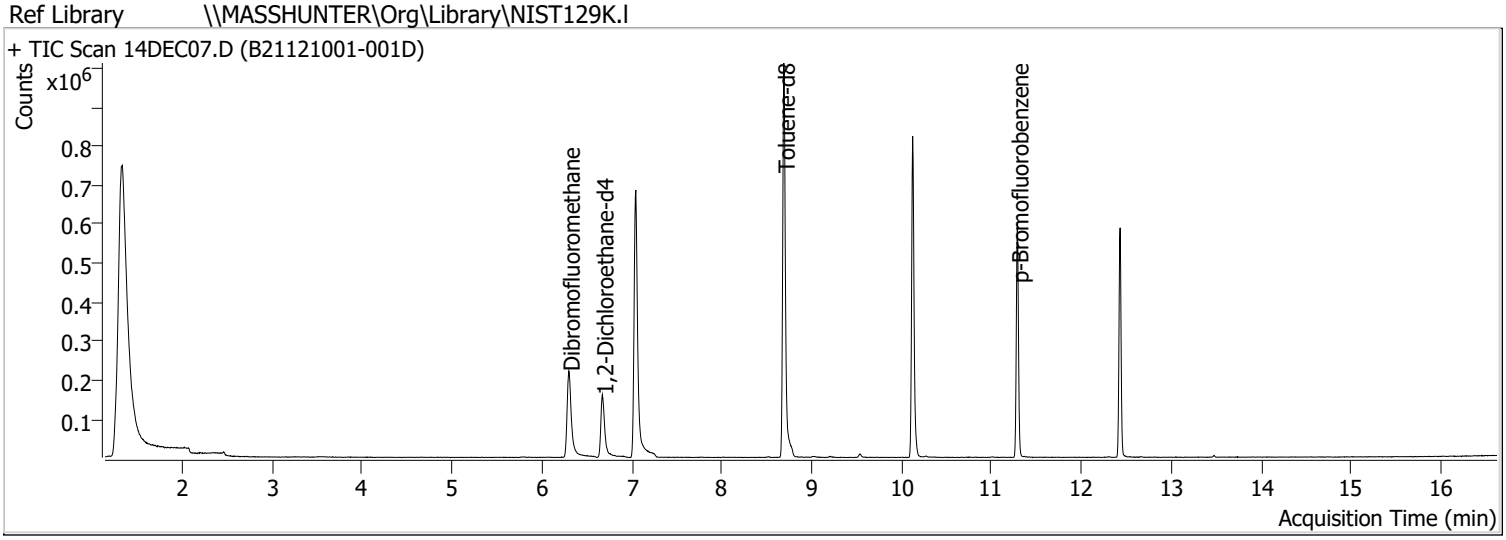






Quantitation Results Report (QT Reviewed)

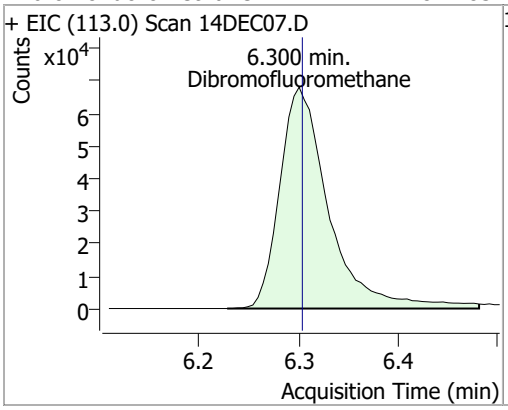
Data File	14DEC07.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 12:29:00 PM
Sample Name	B21121001-001D	Instrument	GC/MS Ins
Vial	7	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

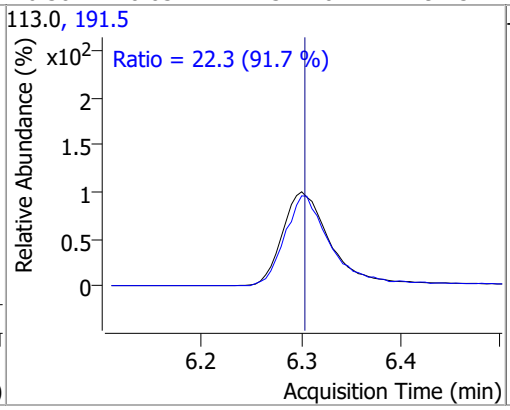


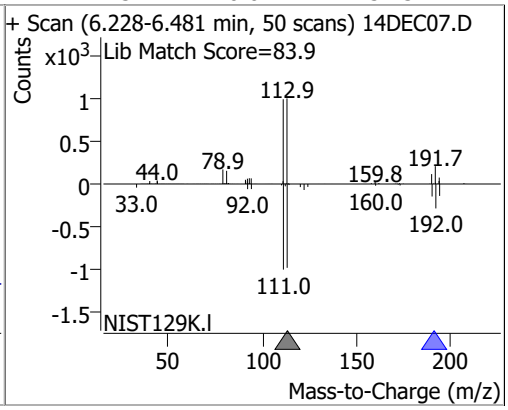
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.045	96.0	943847	250.0000	ng	0.031
M Chlorobenzene-d5	10.123	82.0	289062	250.0000	ng	0.026
M 1,4-Dichlorobenzene-d4	12.430	152.0	171070	250.0000	ng	0.026
System Monitoring Compounds						
S Dibromofluoromethane	6.300	113.0	234210	248.7283	ng	0.026
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.49%		
S 1,2-Dichloroethane-d4	6.673	67.0	90664	251.1958	ng	0.026
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 100.48%		
S Toluene-d8	8.690	98.0	834612	234.9859	ng	0.026
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.99%		
S p-Bromofluorobenzene	11.287	95.0	206890	260.8037	ng	0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.32%		
Target Compounds						QValue
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

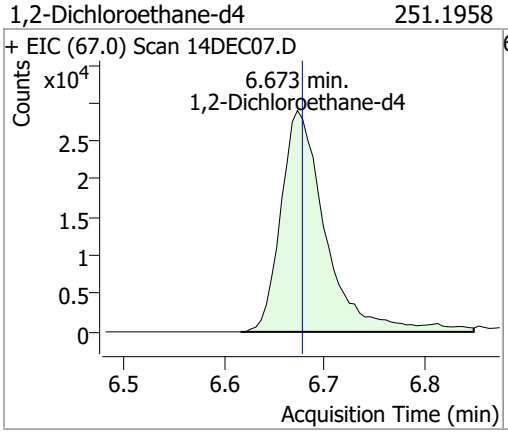
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	248.7283	6.30	0.03	234210	191.5	22.3	0.0	54.3

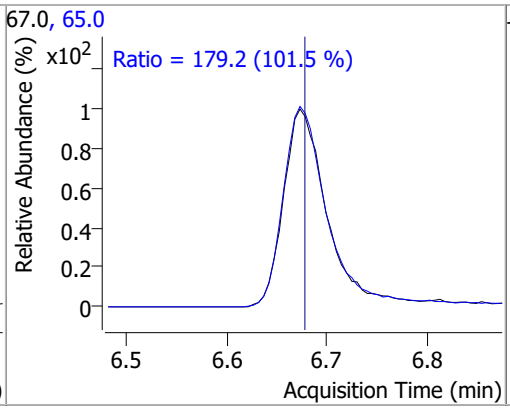


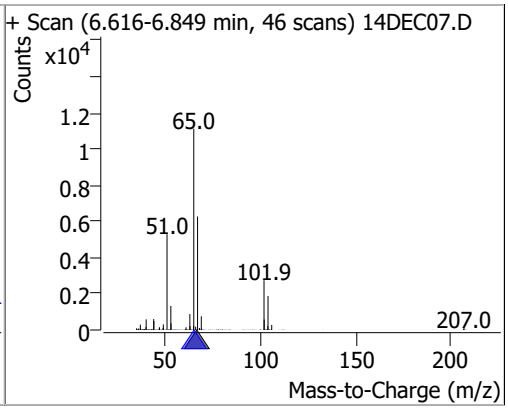




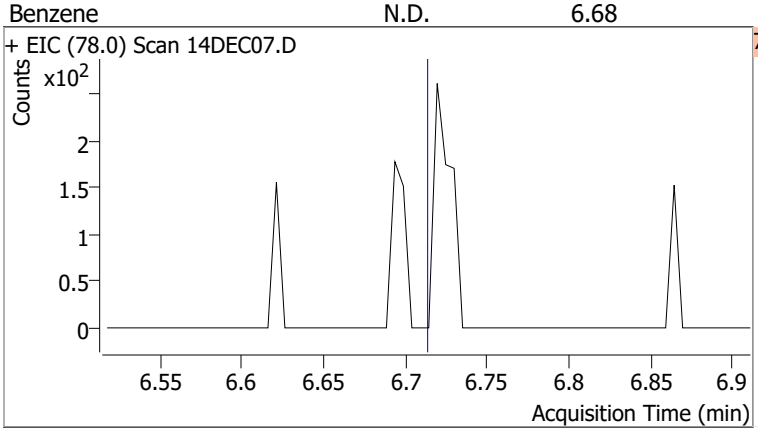
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	251.1958	6.67	0.03	90664	65.0	179.2	146.6	206.6

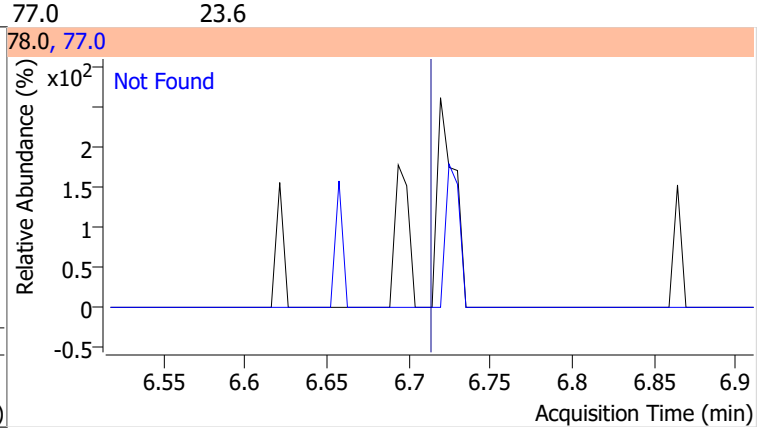




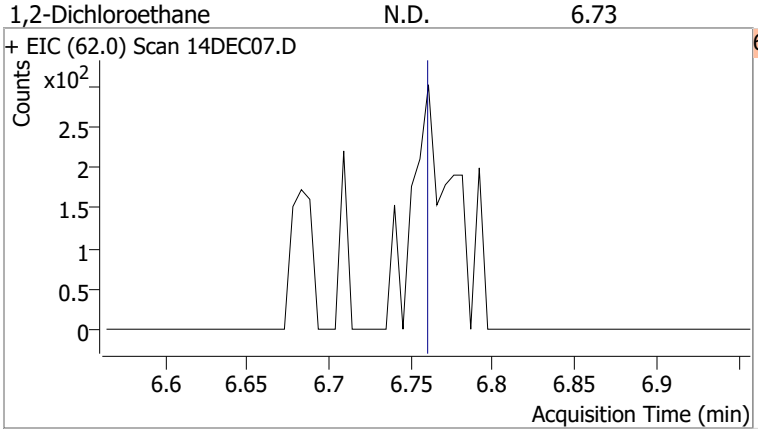


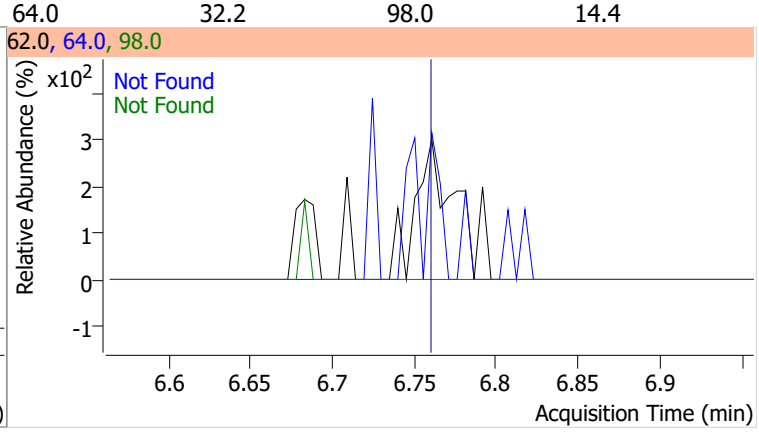
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6





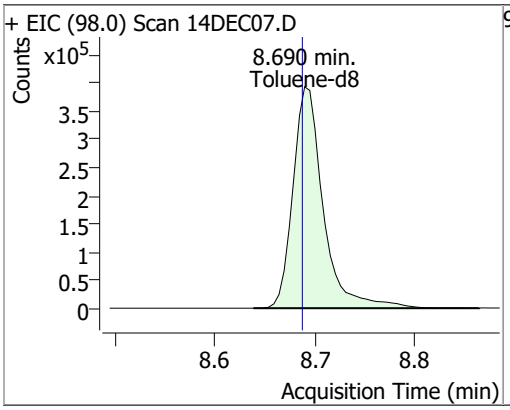
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

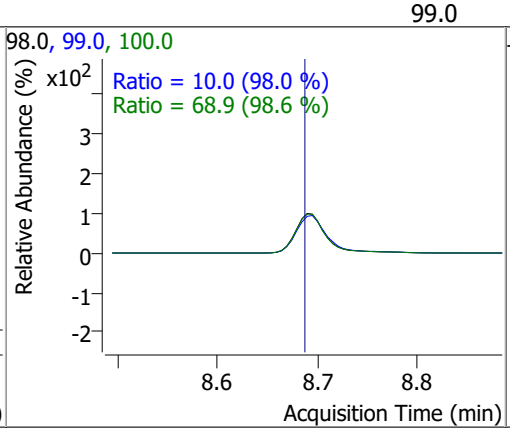


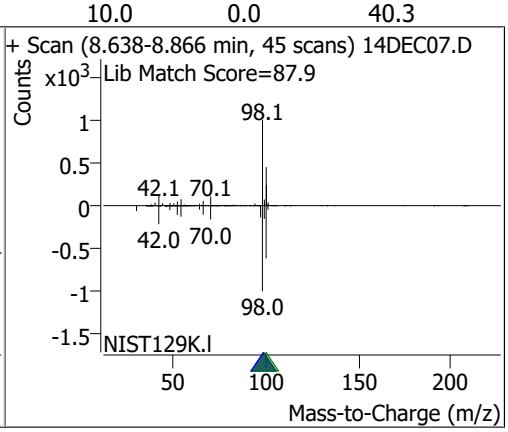


Quantitation Results Report (QT Reviewed)

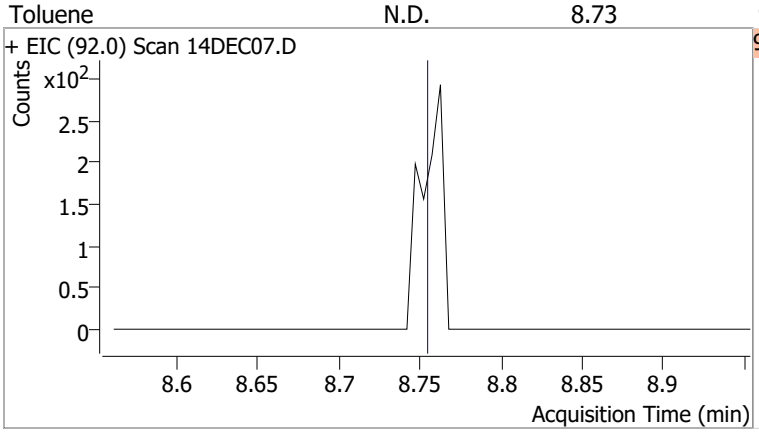
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	234.9859	8.69	0.03	834612	100.0	68.9	39.9	99.9
					99.0	10.0	0.0	40.3

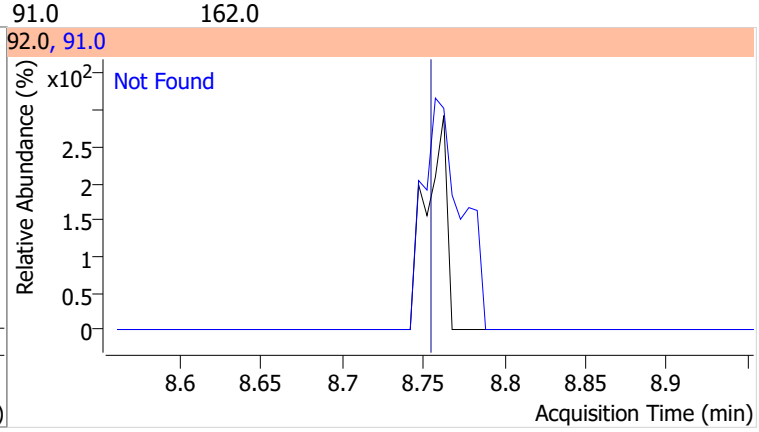




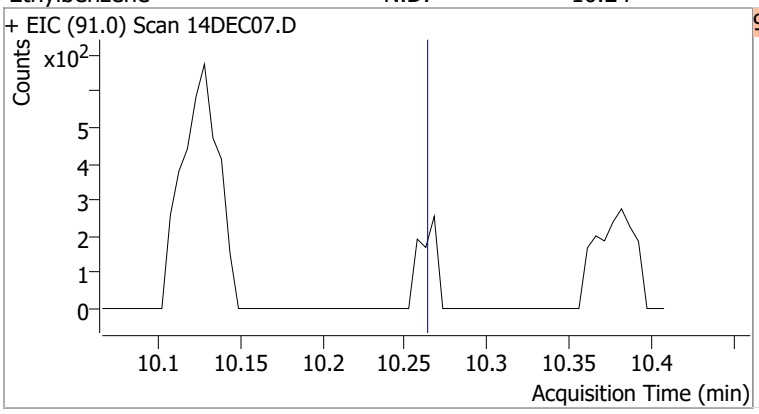


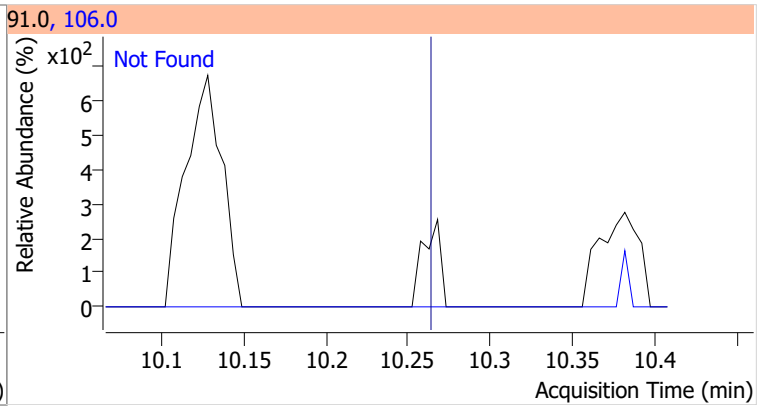
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



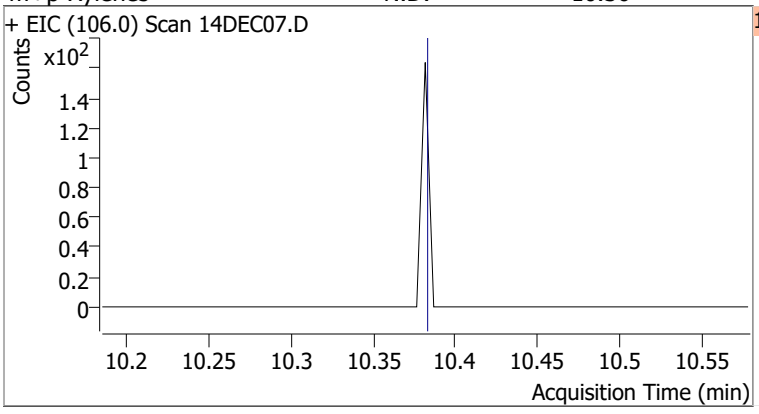


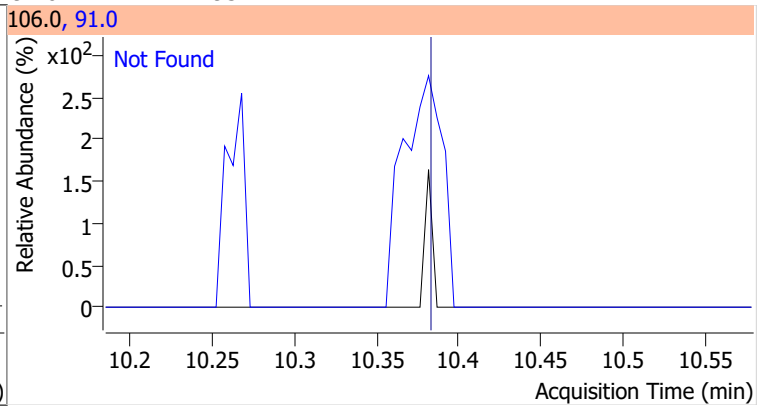
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



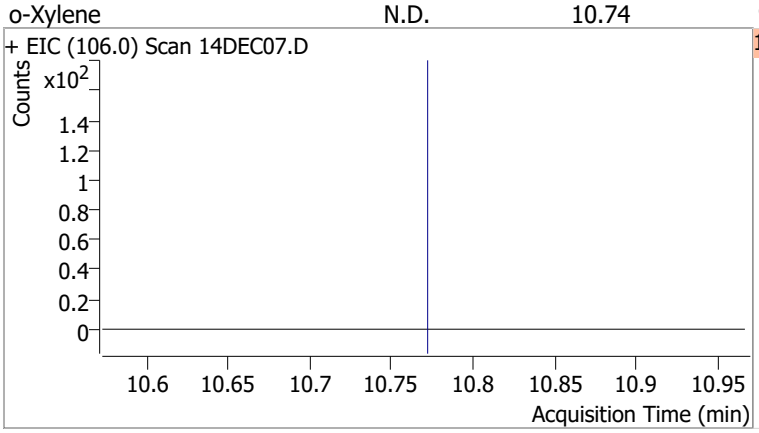


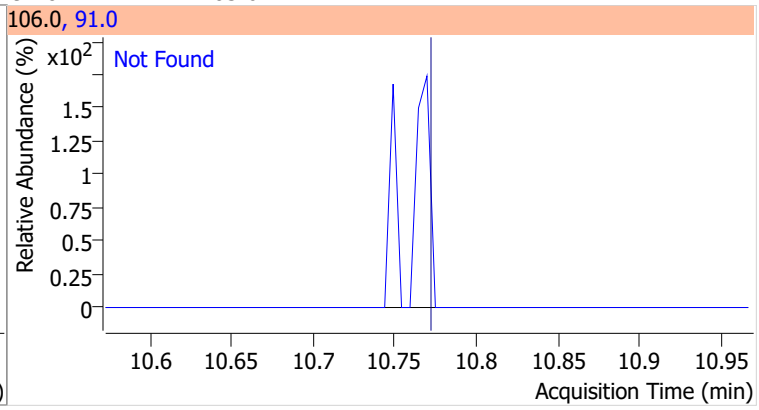
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



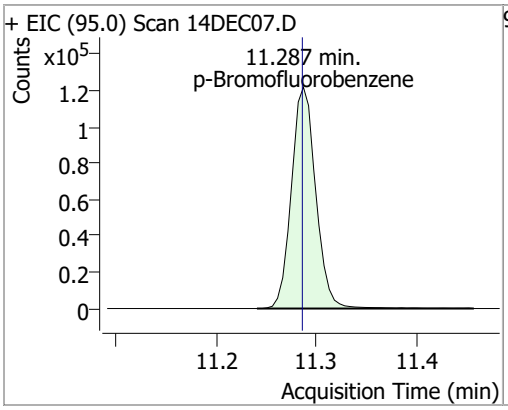


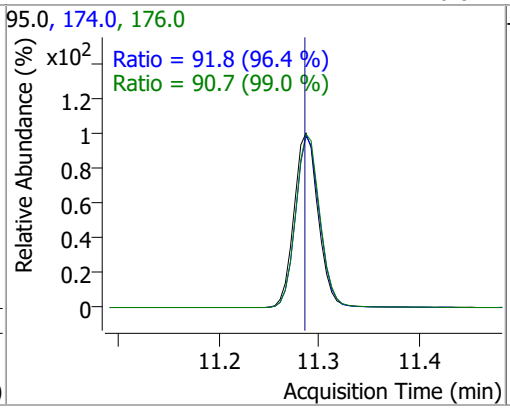
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

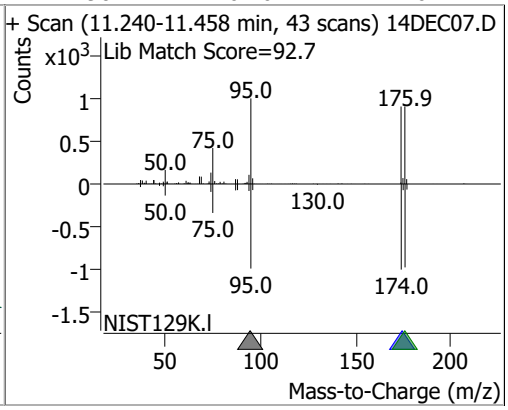




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	260.8037	11.29	0.03	206890	174.0	91.8	65.3	125.3
					176.0	90.7	61.6	121.6

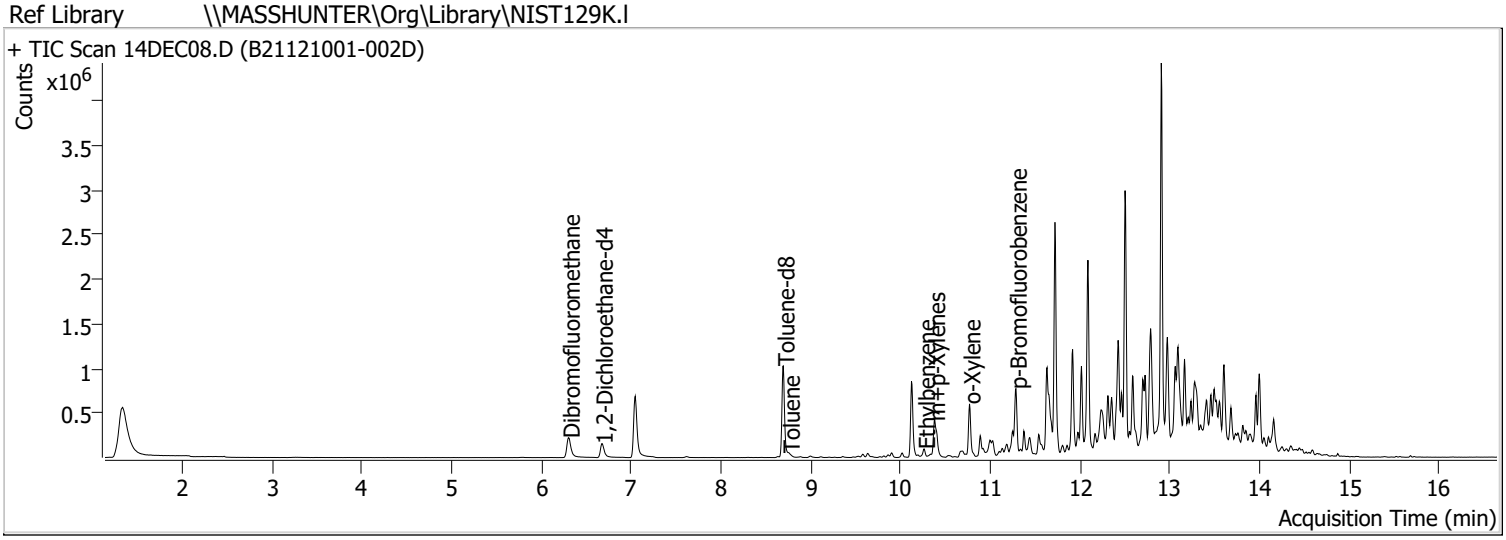






Quantitation Results Report (QT Reviewed)

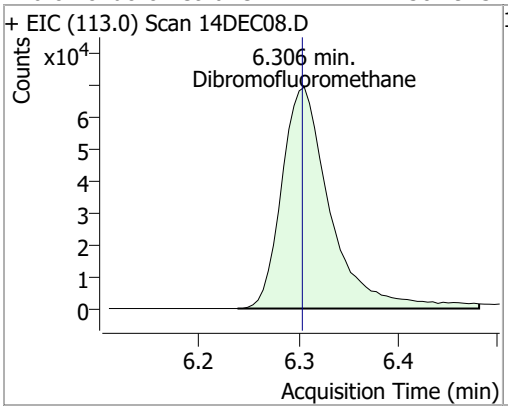
Data File	14DEC08.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 12:57:00 PM
Sample Name	B21121001-002D	Instrument	GC/MS Ins
Vial	8	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

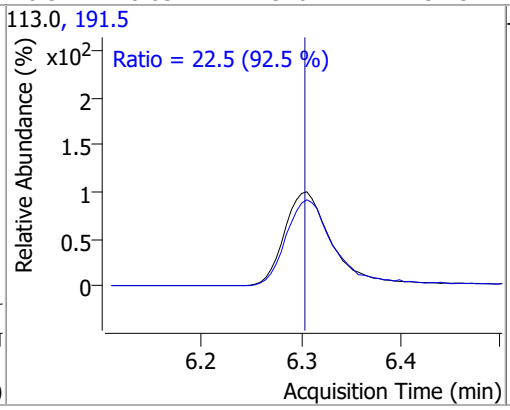


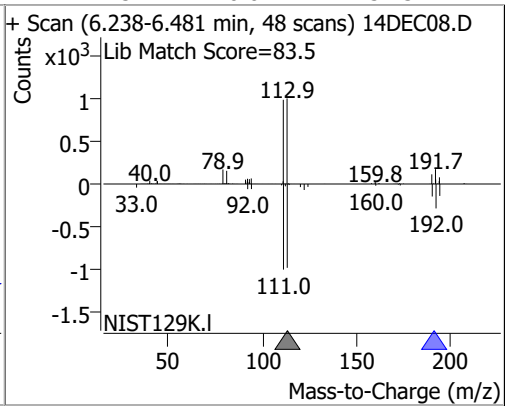
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.045	96.0	949693	250.0000	ng	0.031
M Chlorobenzene-d5	10.123	82.0	304463	250.0000	ng	0.026
M 1,4-Dichlorobenzene-d4	12.430	152.0	181048	250.0000	ng	0.026
System Monitoring Compounds						
S Dibromofluoromethane	6.306	113.0	237621	250.7973	ng	0.031
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.32%		
S 1,2-Dichloroethane-d4	6.673	67.0	90092	248.0744	ng	0.026
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 99.23%		
S Toluene-d8	8.695	98.0	837154	223.7788	ng	0.031
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 89.51%		
S p-Bromofluorobenzene	11.287	95.0	218106	259.7898	ng	0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 103.92%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	8.757	92.0	7164	2.7829	ng	95
T Ethylbenzene	10.263	91.0	67188	15.7753	ng	97
T m+p-Xylenes	10.377	106.0	112226	69.7919	ng	95
T o-Xylene	10.770	106.0	155137	109.1270	ng	92

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

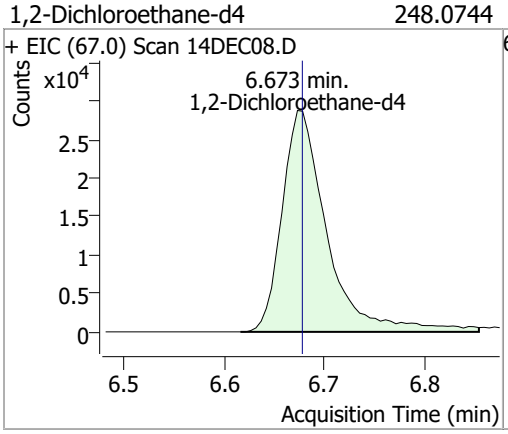
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	250.7973	6.31	0.03	237621	191.5	22.5	0.0	54.3

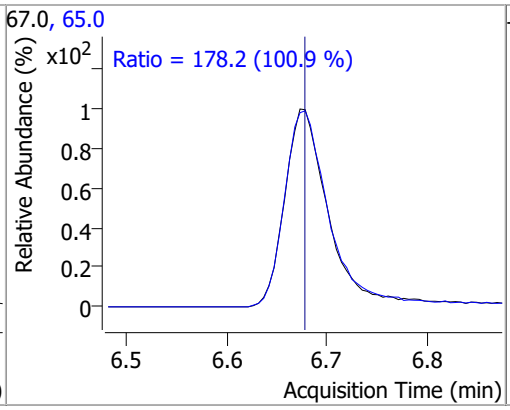


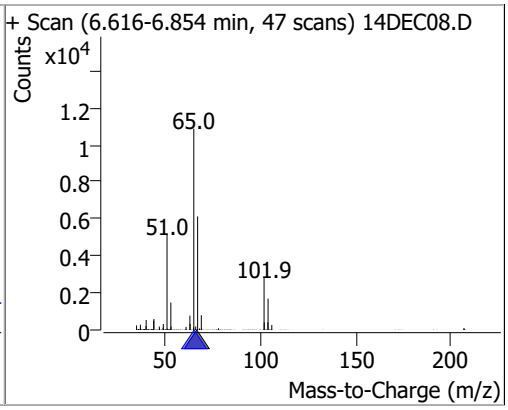




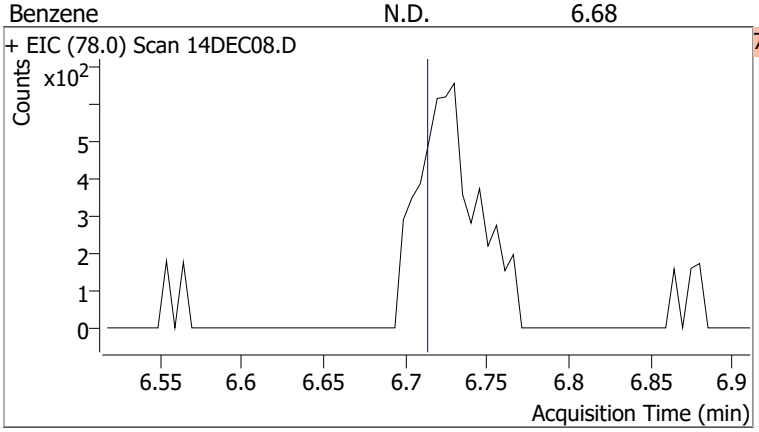
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	248.0744	6.67	0.03	90092	65.0	178.2	146.6	206.6

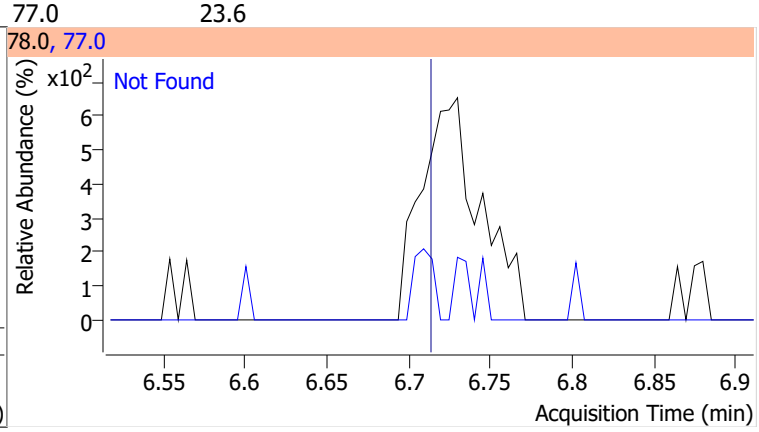




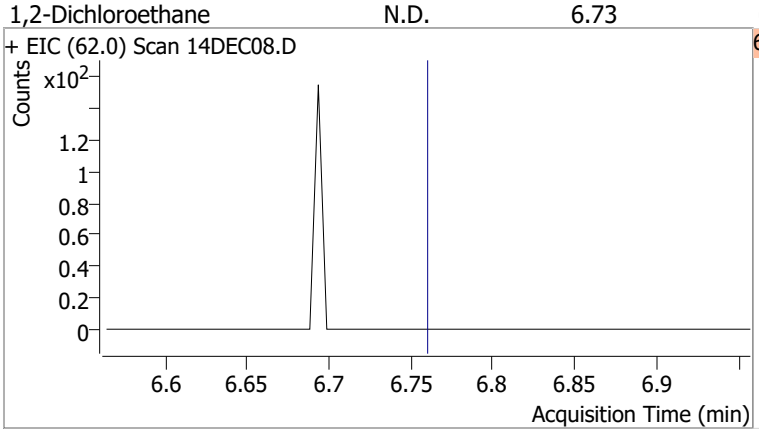


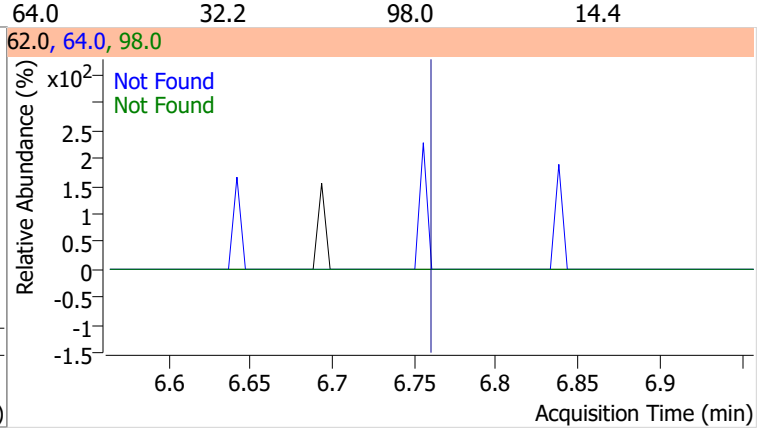
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



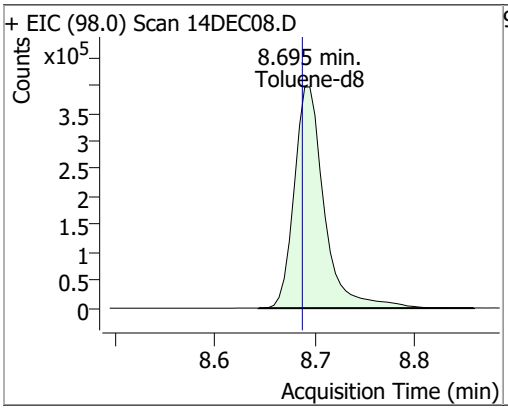


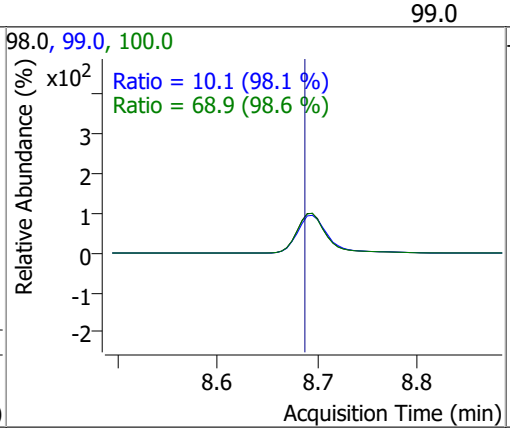
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

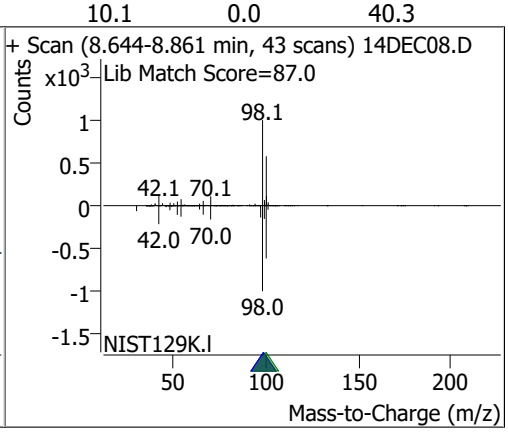




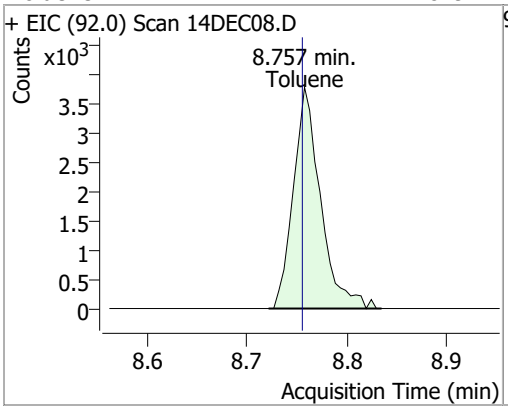
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	223.7788	8.70	0.03	837154	100.0	68.9	39.9	99.9
					99.0	10.1	0.0	40.3

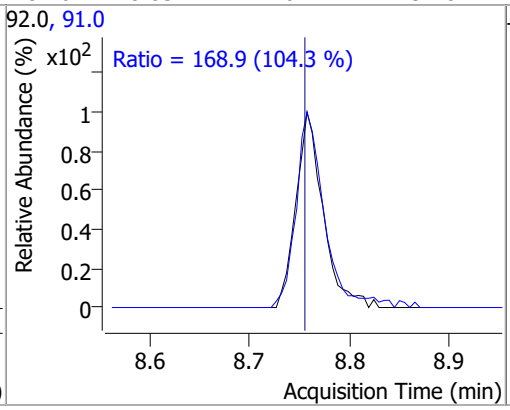


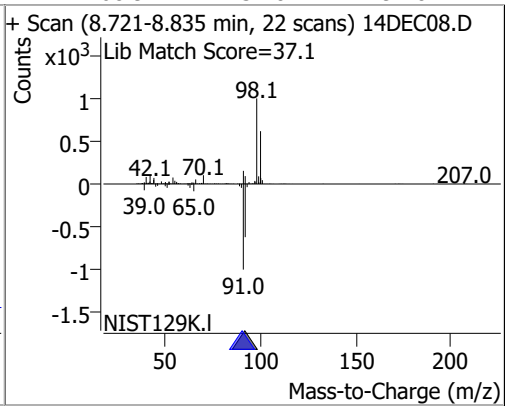




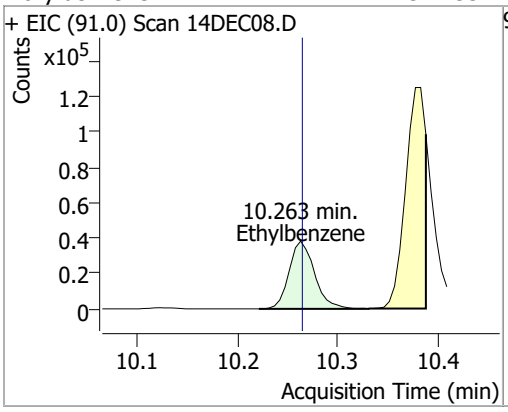
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.7829	8.76	0.03	7164	91.0	168.9	132.0	192.0

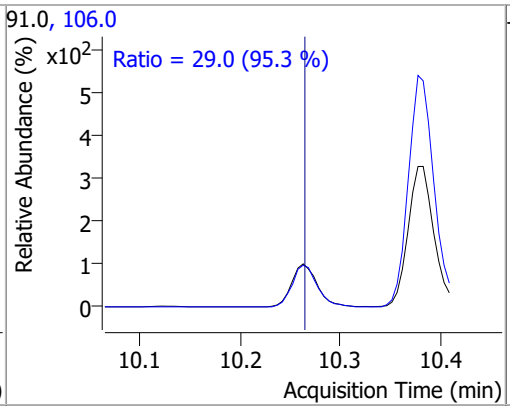


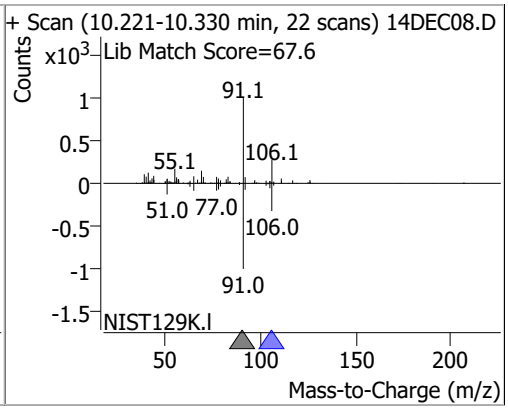




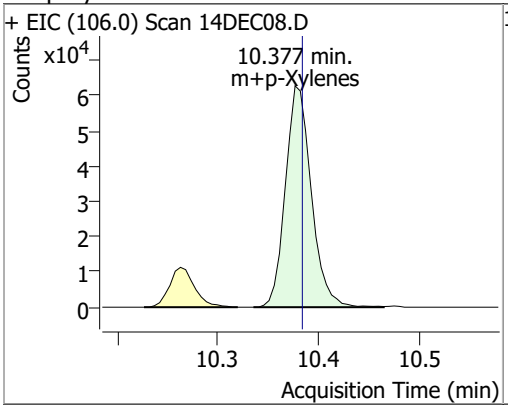
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	15.7753	10.26	0.03	67188	106.0	29.0	0.4	60.4

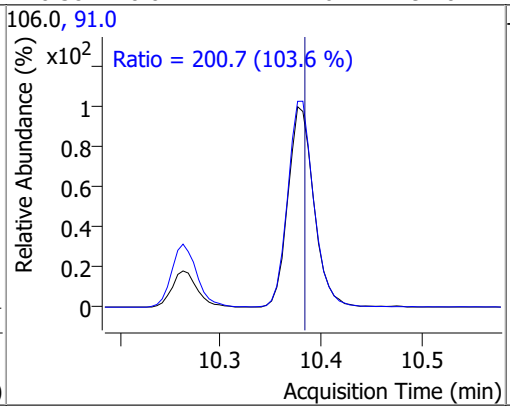


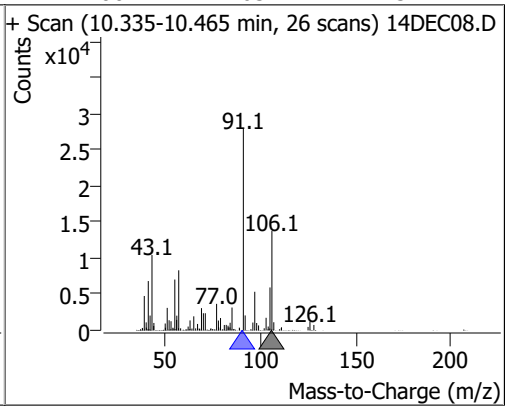




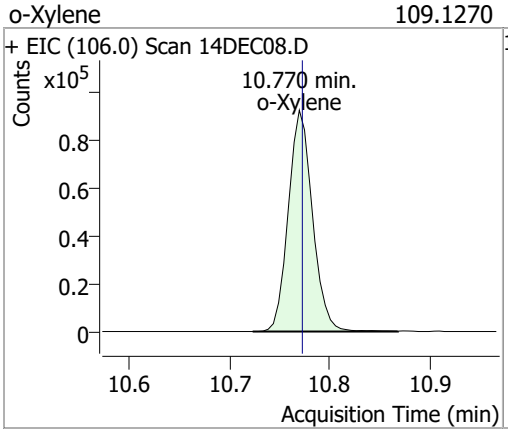
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	69.7919	10.38	0.02	112226	91.0	200.7	163.7	223.7

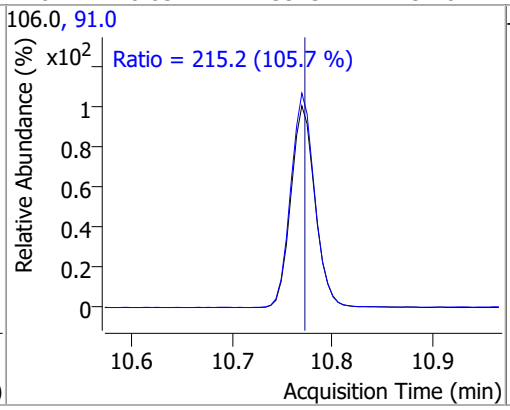


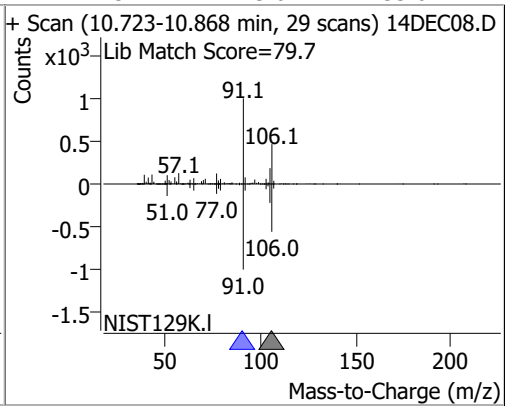




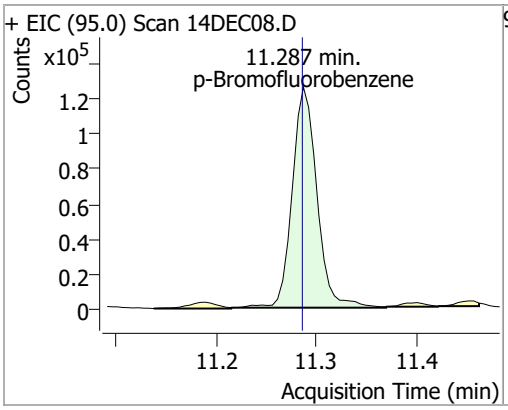
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	109.1270	10.77	0.03	155137	91.0	215.2	173.6	233.6

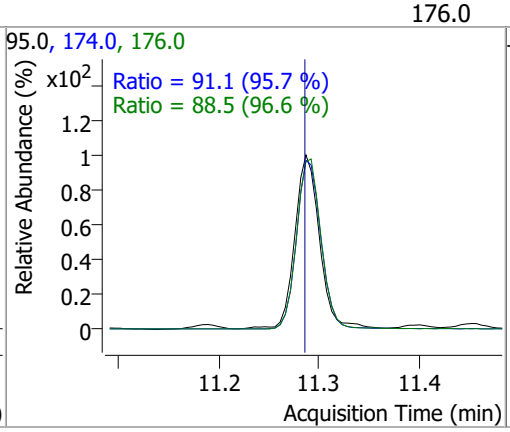


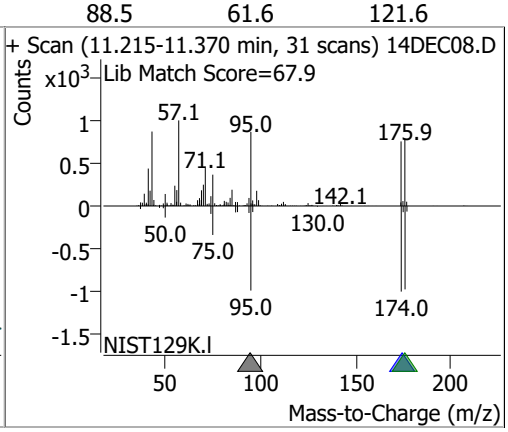




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	259.7898	11.29	0.03	218106	174.0	91.1	65.3	125.3
					176.0	88.5	61.6	121.6

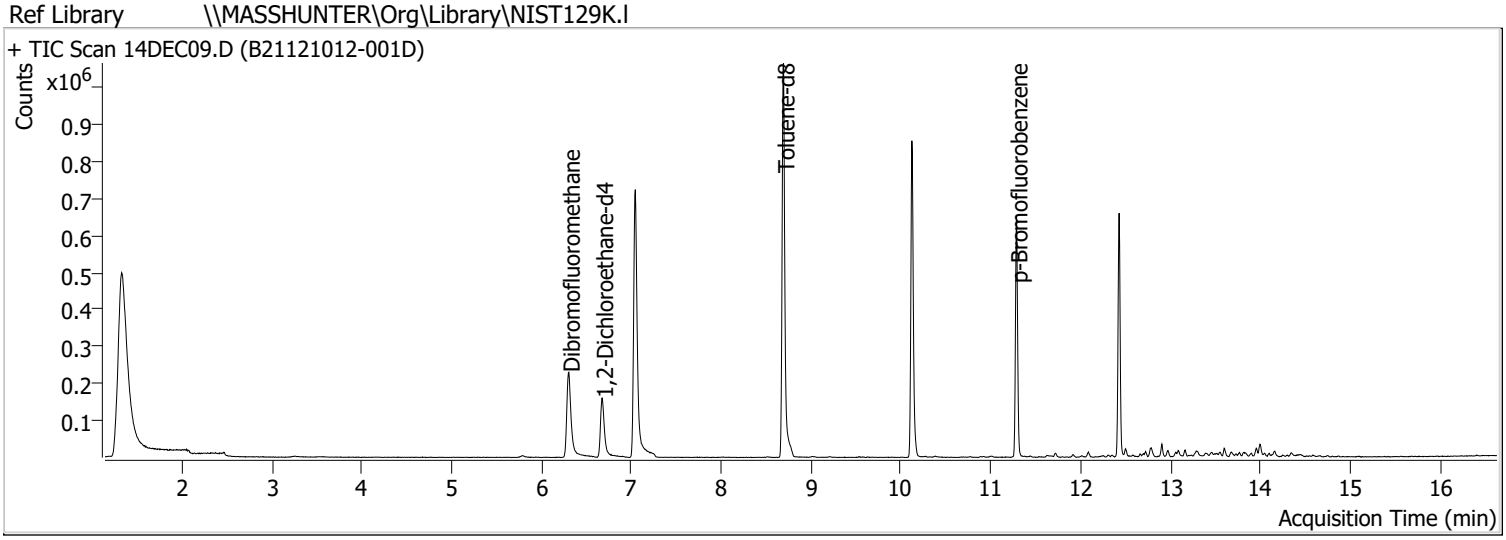






Quantitation Results Report (QT Reviewed)

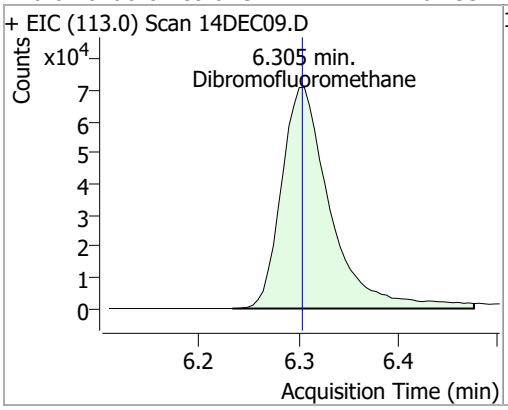
Data File	14DEC09.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 1:22:00 PM
Sample Name	B21121012-001D	Instrument	GC/MS Ins
Vial	9	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

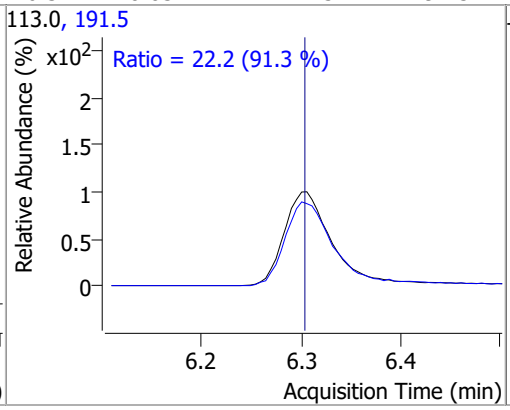


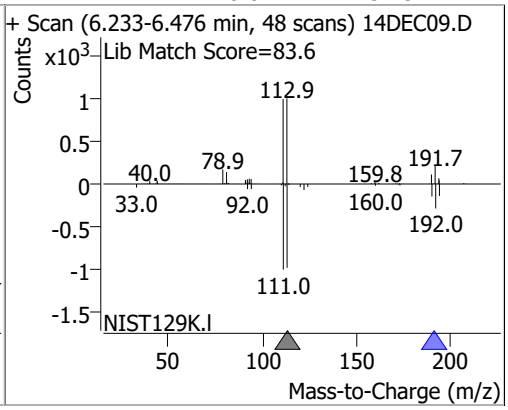
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.045	96.0	995283	250.0000	ng	0.031
M Chlorobenzene-d5	10.123	82.0	309548	250.0000	ng	0.026
M 1,4-Dichlorobenzene-d4	12.430	152.0	188096	250.0000	ng	0.026
System Monitoring Compounds						
S Dibromofluoromethane	6.305	113.0	244715	246.4537	ng	0.031
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.58%		
S 1,2-Dichloroethane-d4	6.678	67.0	91421	240.2030	ng	0.031
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 96.08%		
S Toluene-d8	8.695	98.0	877839	230.7996	ng	0.031
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 92.32%		
S p-Bromofluorobenzene	11.287	95.0	221973	254.4888	ng	0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 101.80%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

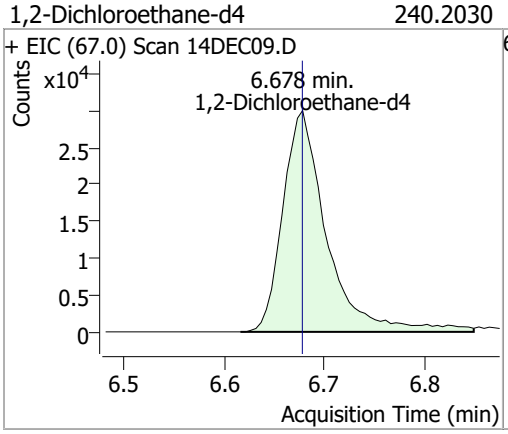
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	246.4537	6.31	0.03	244715	191.5	22.2	0.0	54.3

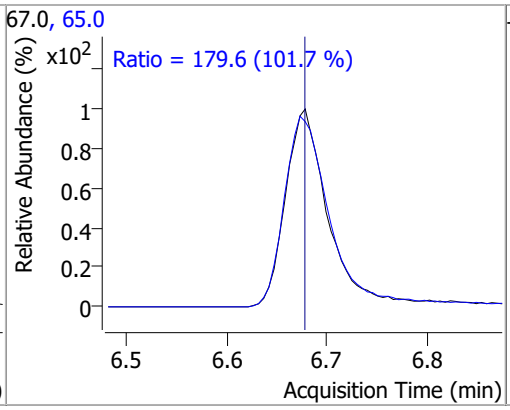


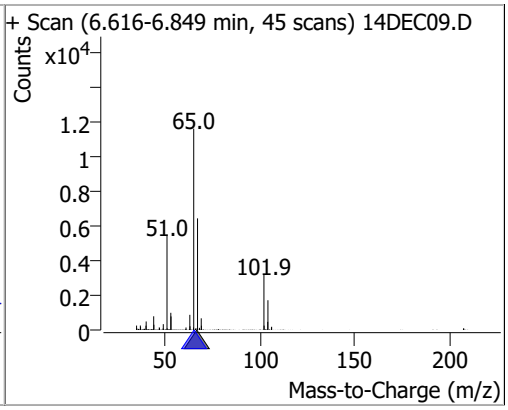




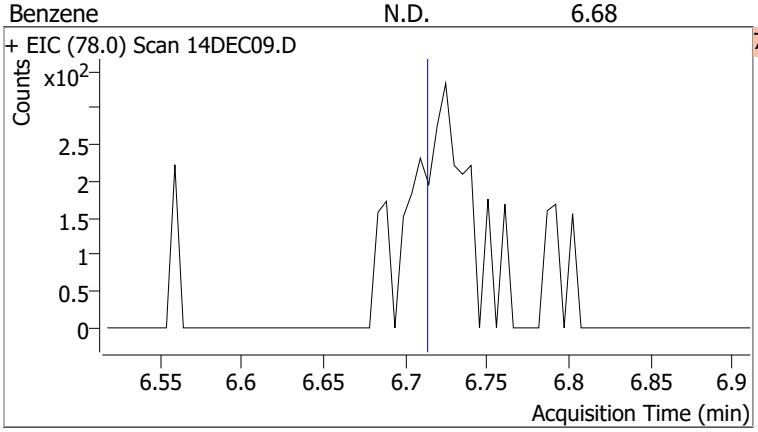
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	240.2030	6.68	0.03	91421	65.0	179.6	146.6	206.6

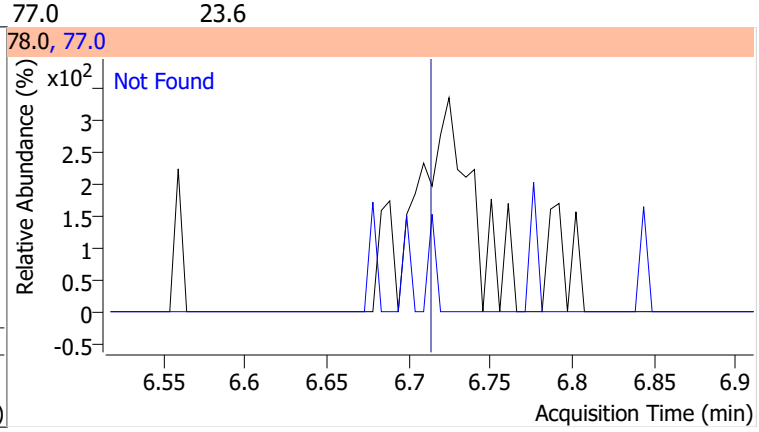




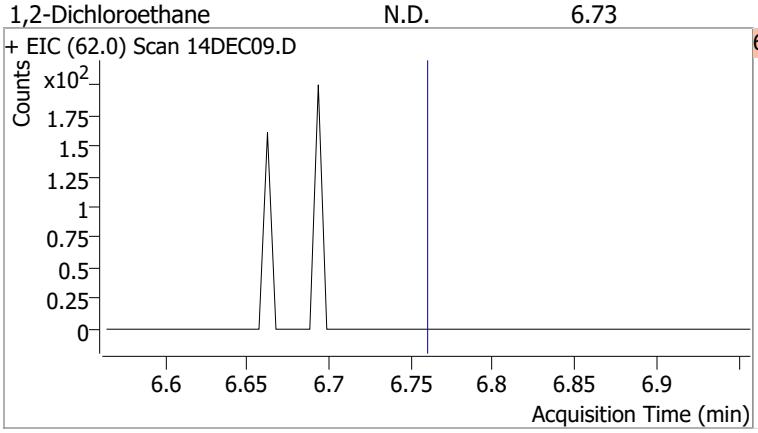


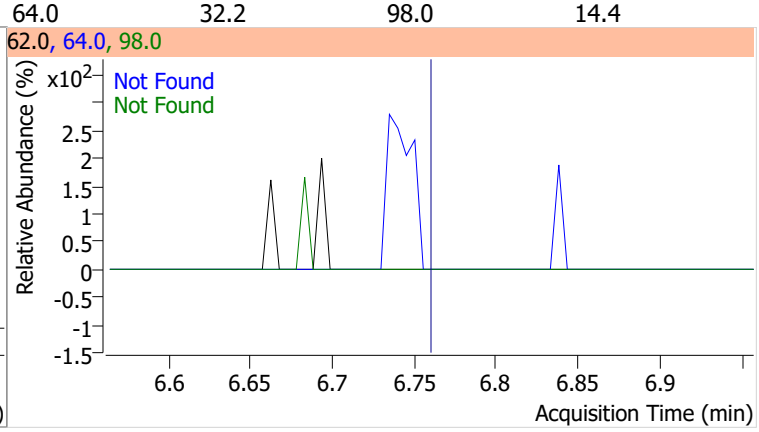
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



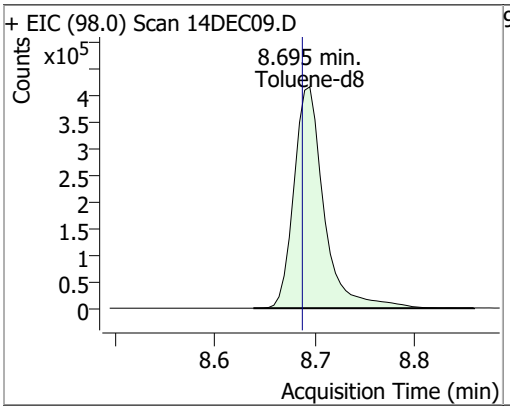


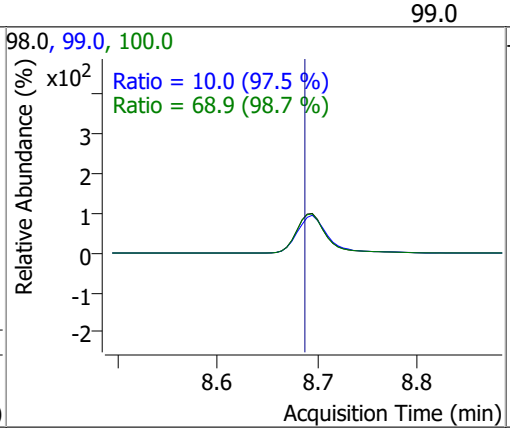
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

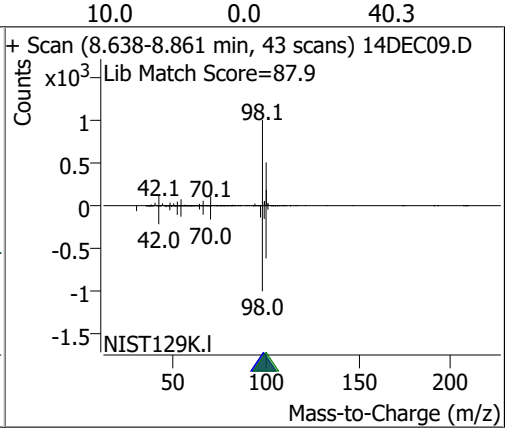




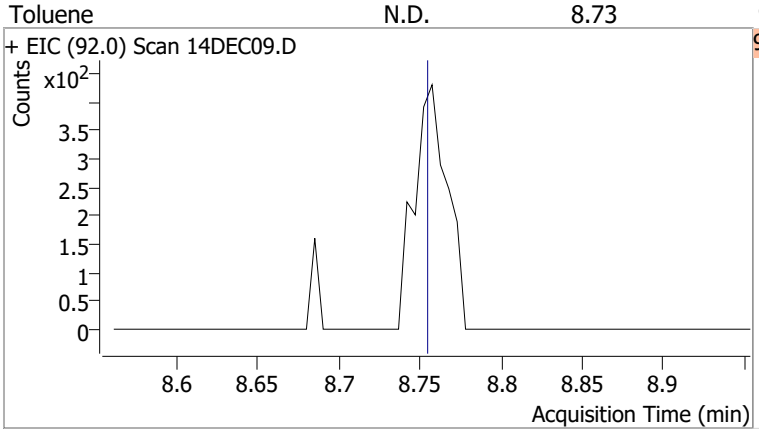
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	230.7996	8.70	0.03	877839	100.0	68.9	39.9	99.9
					99.0	10.0	0.0	40.3

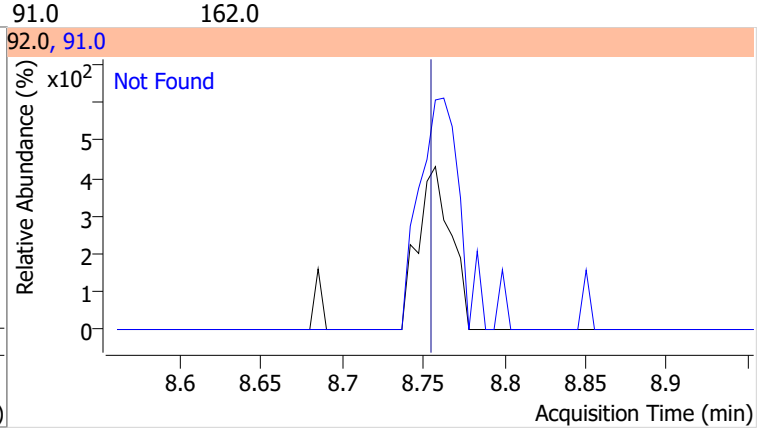




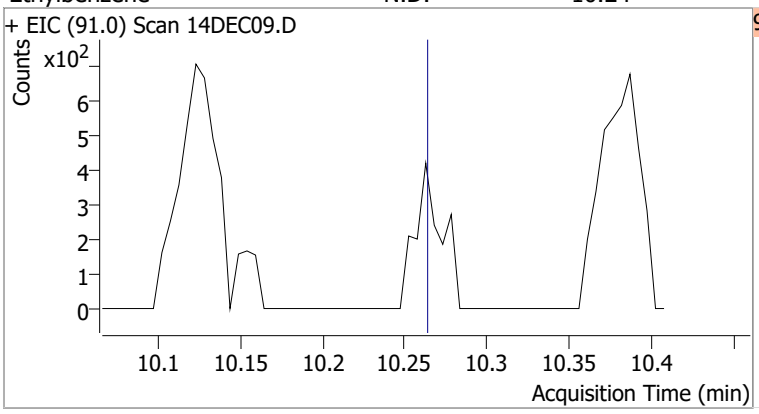


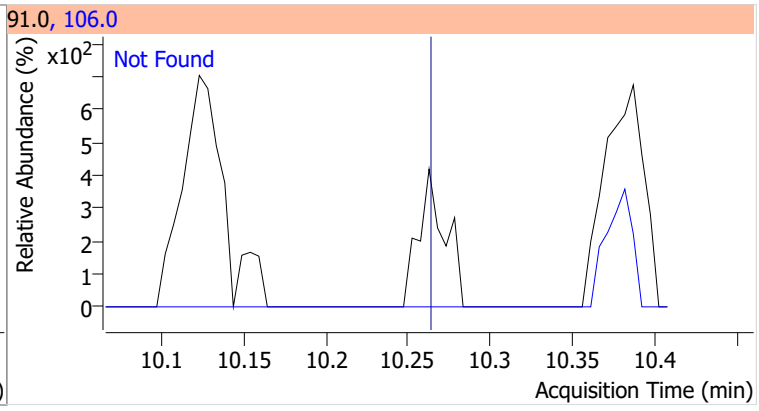
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



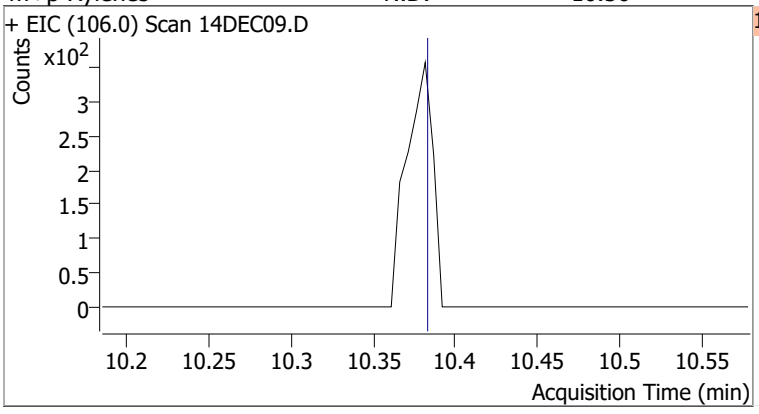


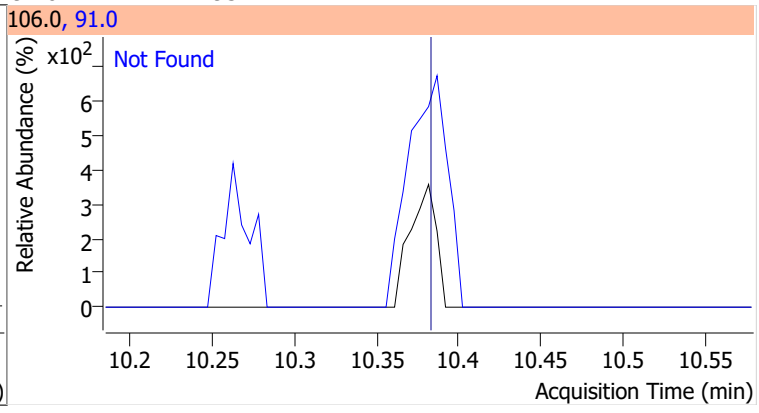
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



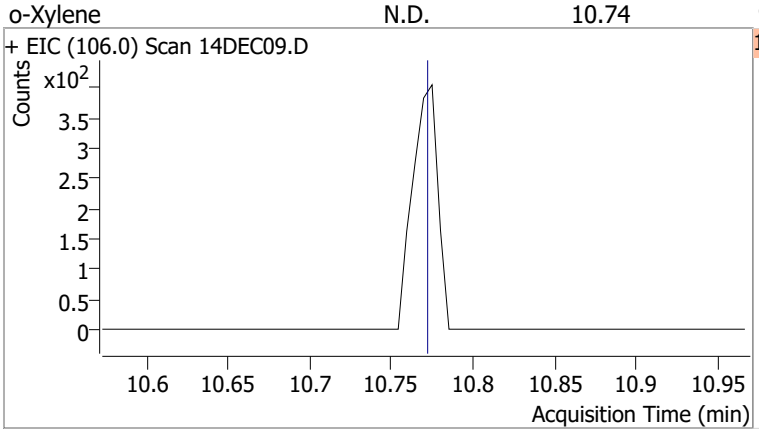


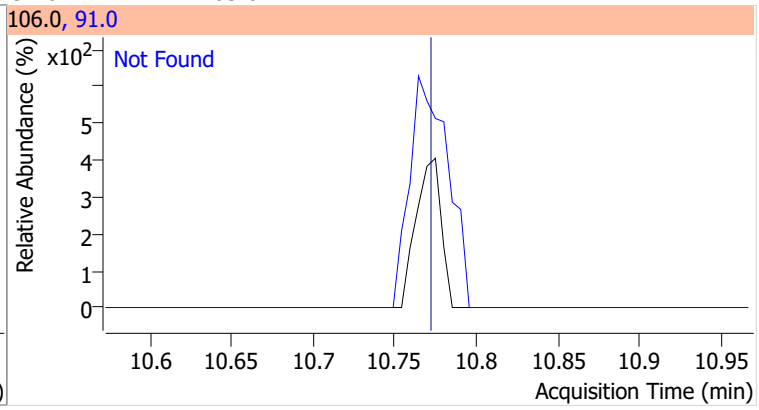
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



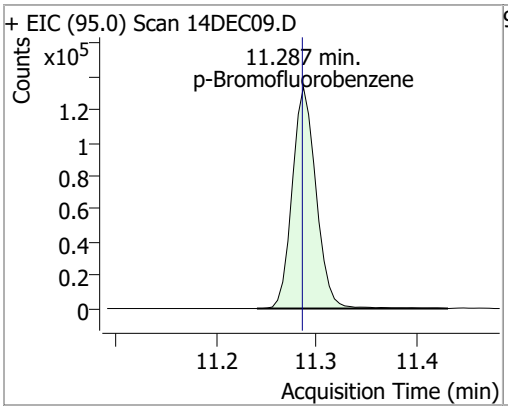


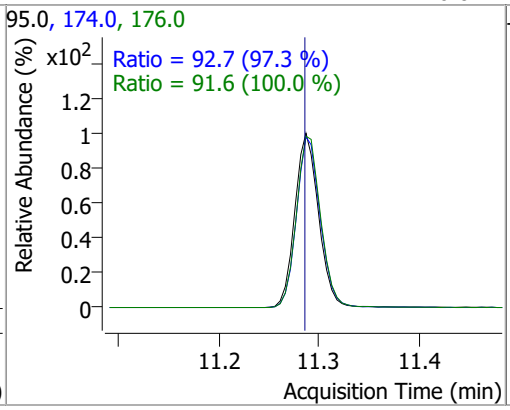
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

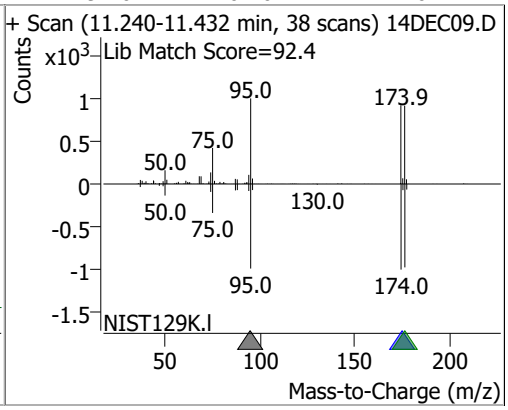




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	254.4888	11.29	0.03	221973	174.0	92.7	65.3	125.3
					176.0	91.6	61.6	121.6

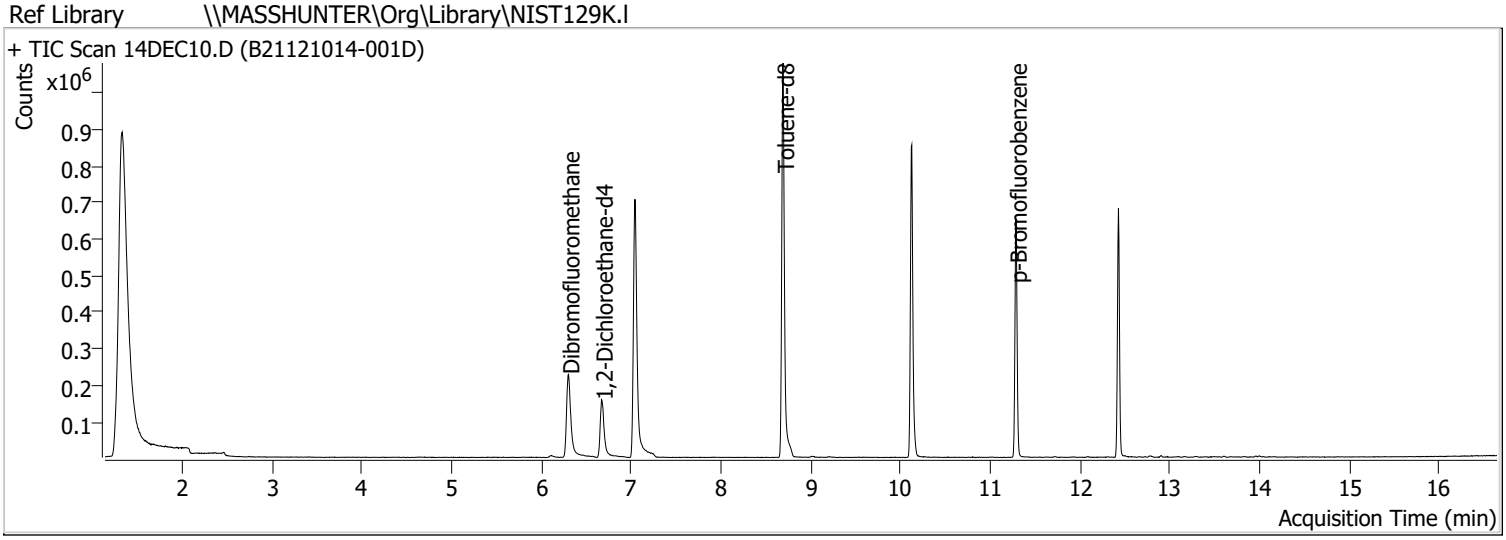






Quantitation Results Report (QT Reviewed)

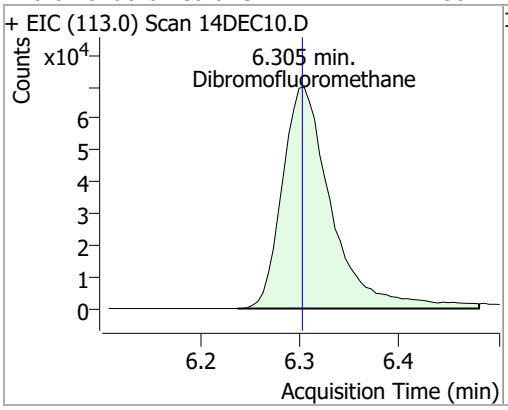
Data File	14DEC10.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 1:47:00 PM
Sample Name	B21121014-001D	Instrument	GC/MS Ins
Vial	10	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

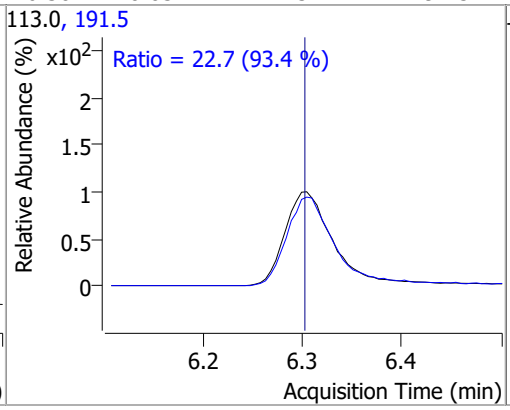


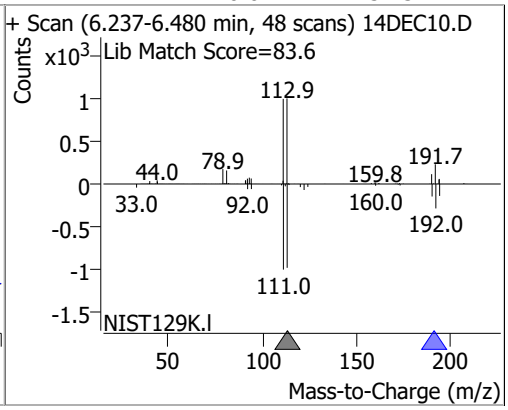
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.044	96.0	980964	250.0000	ng	0.030
M Chlorobenzene-d5	10.122	82.0	308256	250.0000	ng	0.025
M 1,4-Dichlorobenzene-d4	12.429	152.0	193709	250.0000	ng	0.025
System Monitoring Compounds						
S Dibromofluoromethane	6.305	113.0	242572	247.8614	ng	0.030
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.14%		
S 1,2-Dichloroethane-d4	6.677	67.0	90682	241.7392	ng	0.030
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 96.70%		
S Toluene-d8	8.694	98.0	881448	232.7198	ng	0.030
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.09%		
S p-Bromofluorobenzene	11.286	95.0	225293	250.8107	ng	0.025
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.32%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

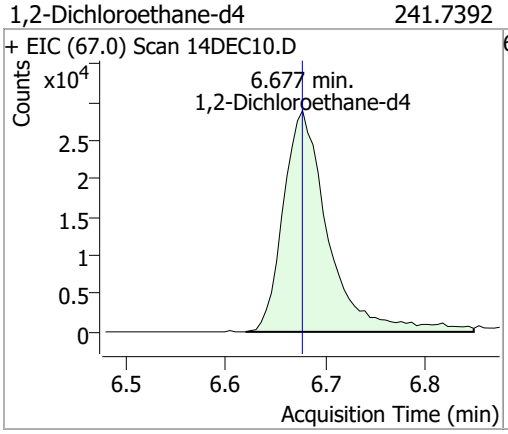
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	247.8614	6.30	0.03	242572	191.5	22.7	0.0	54.3

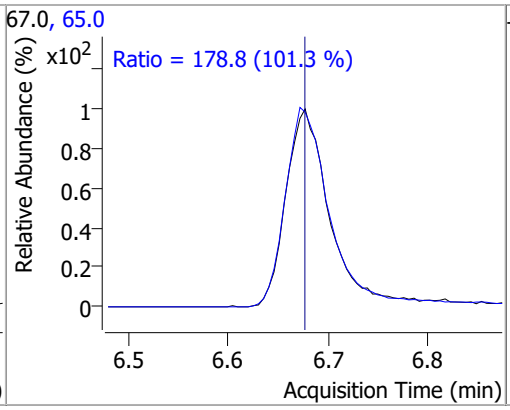


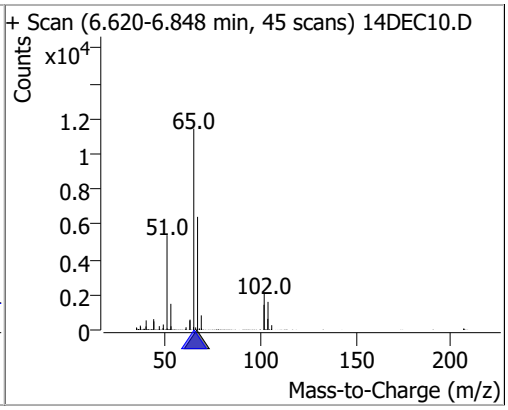




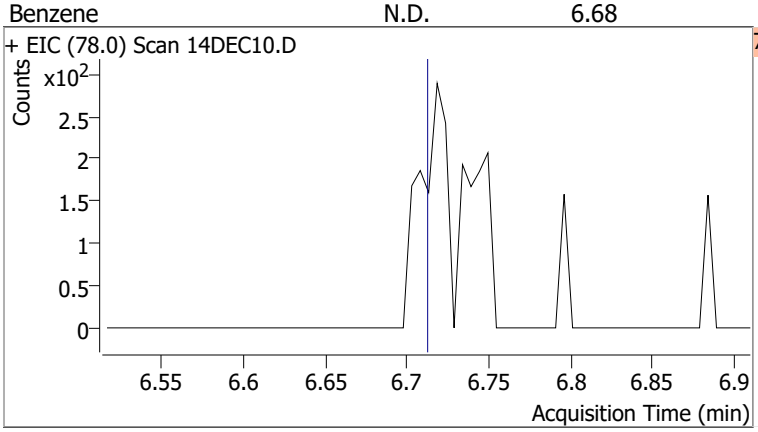
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	241.7392	6.68	0.03	90682	65.0	178.8	146.6	206.6

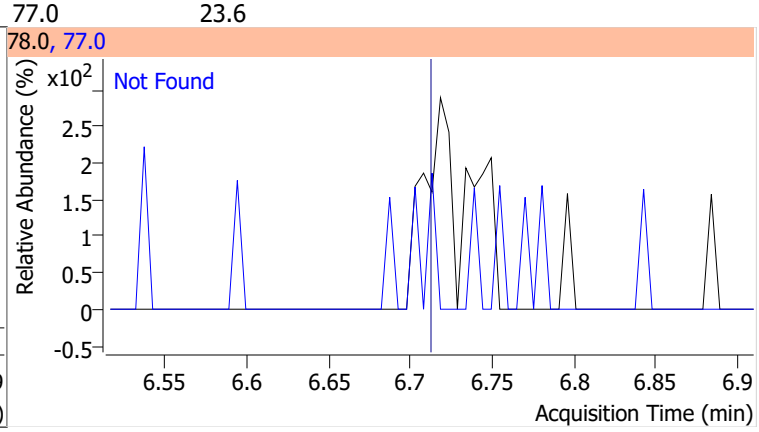




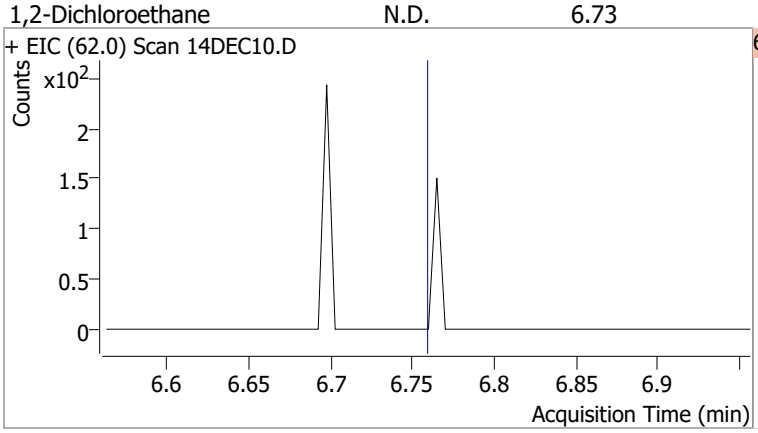


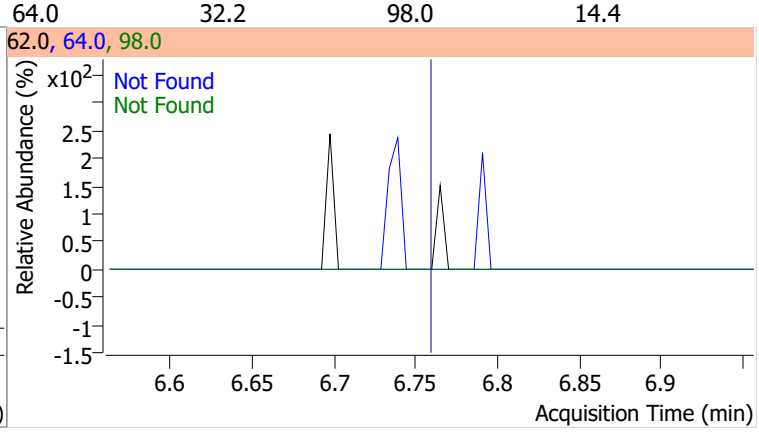
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



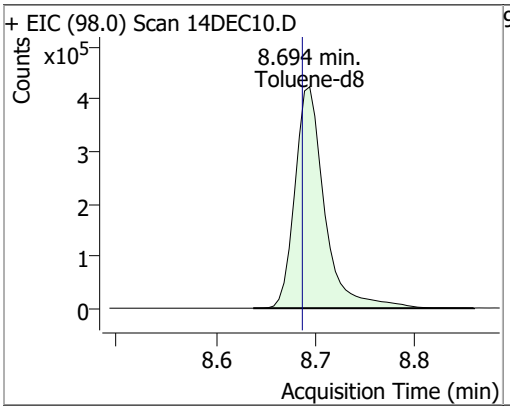


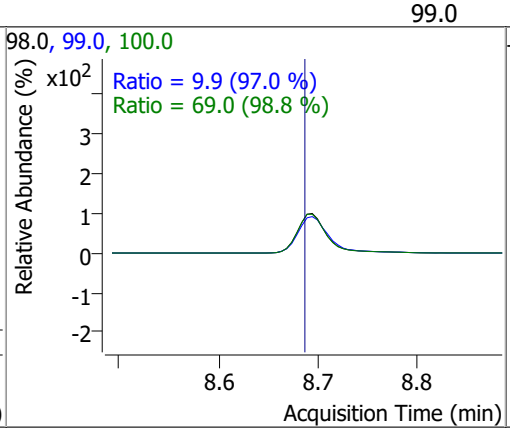
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

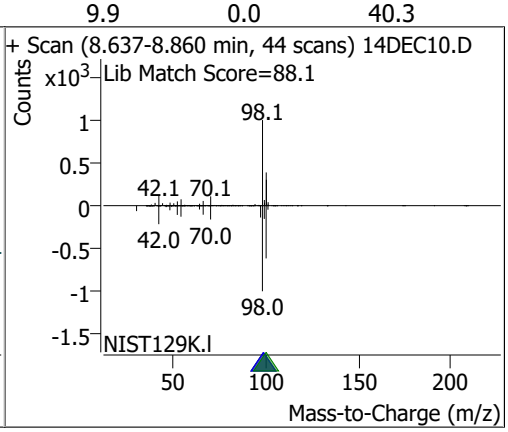




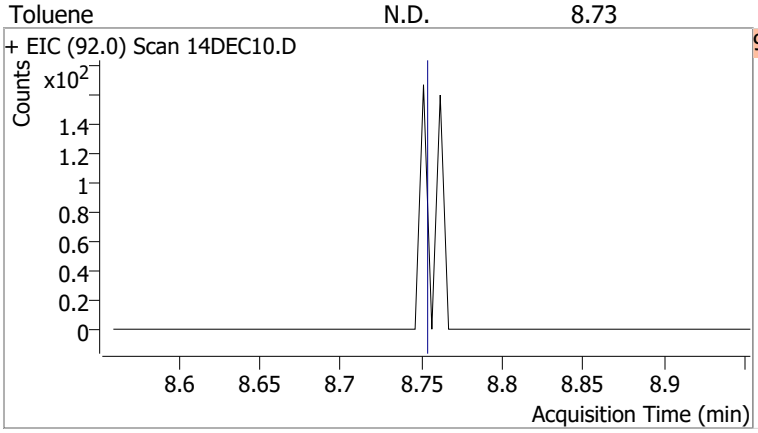
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	232.7198	8.69	0.03	881448	100.0	69.0	39.9	99.9
					99.0	9.9	0.0	40.3

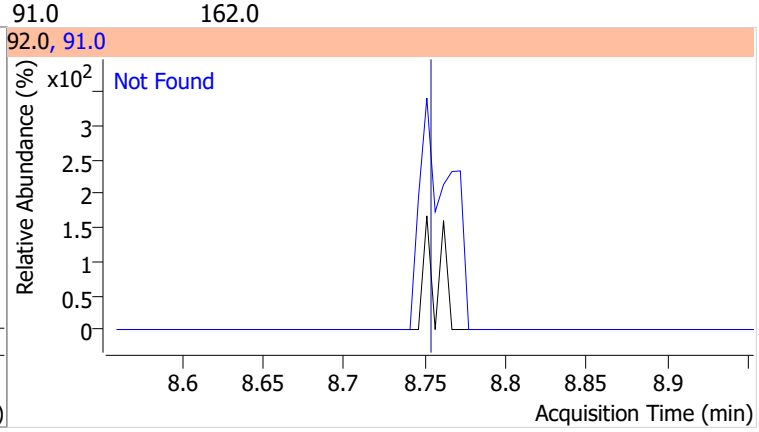




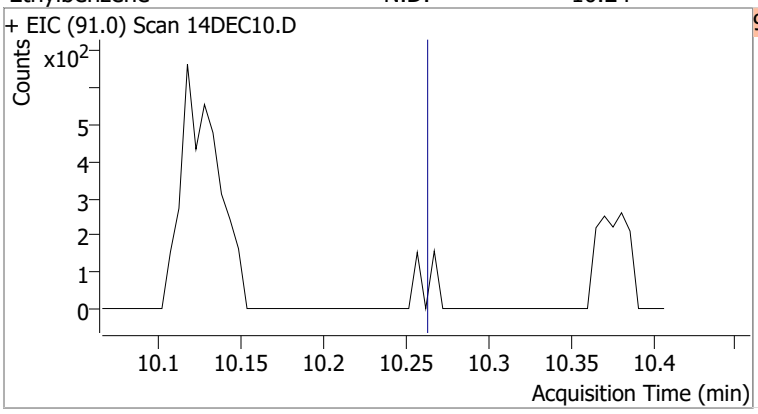


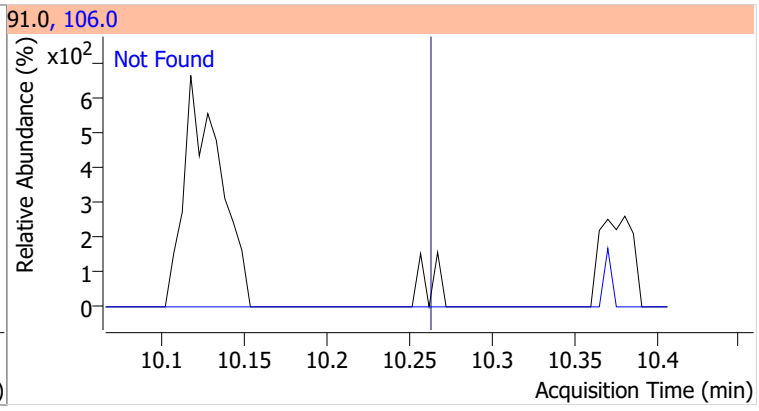
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



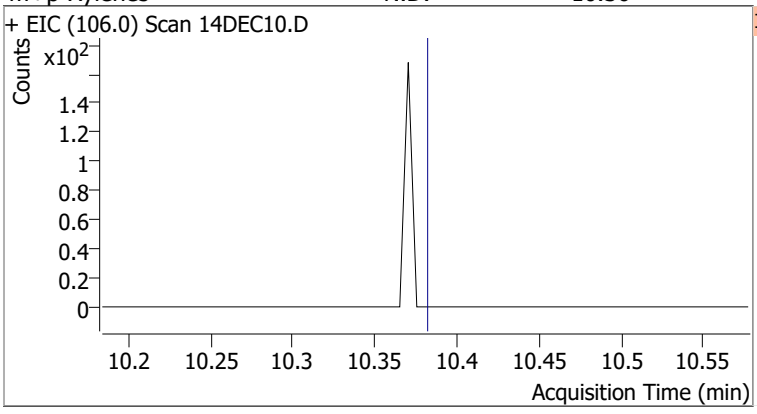


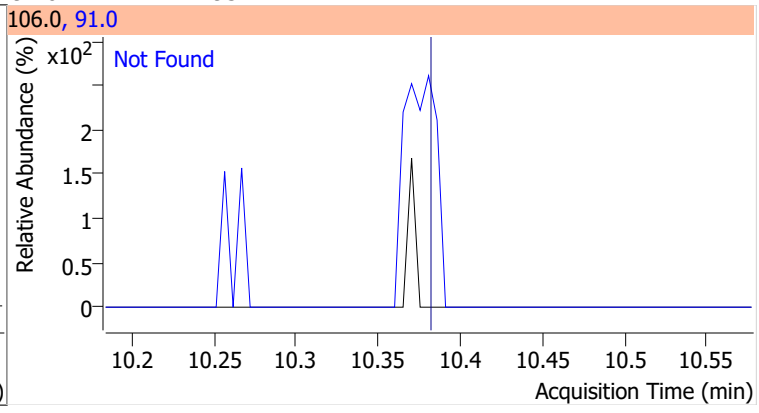
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



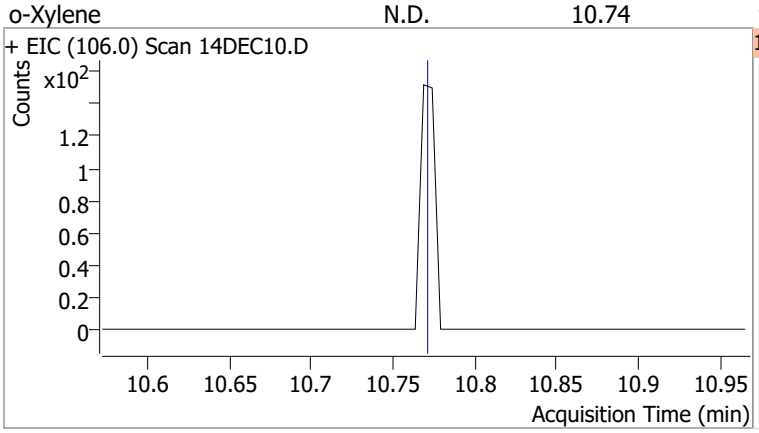


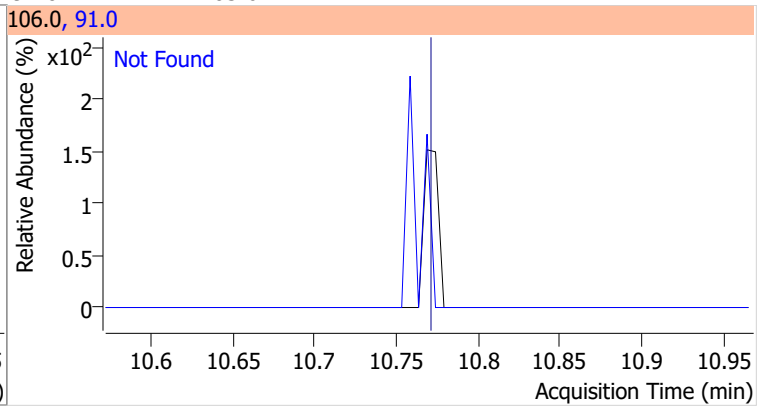
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



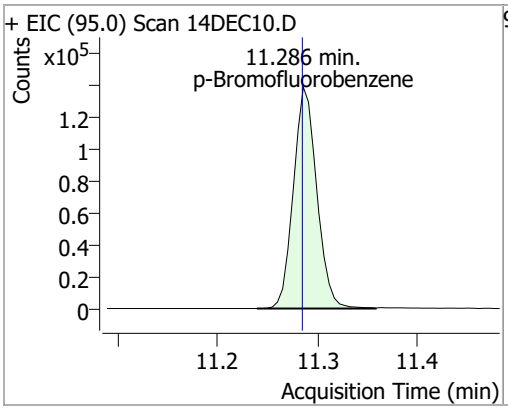


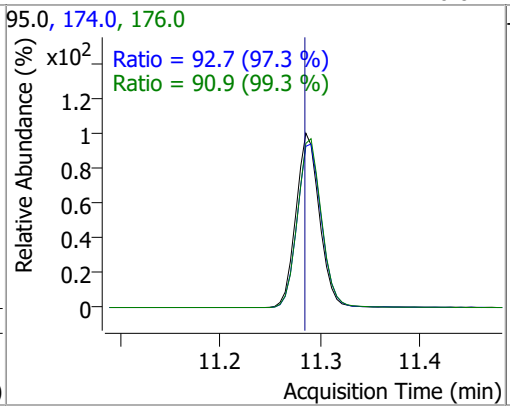
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

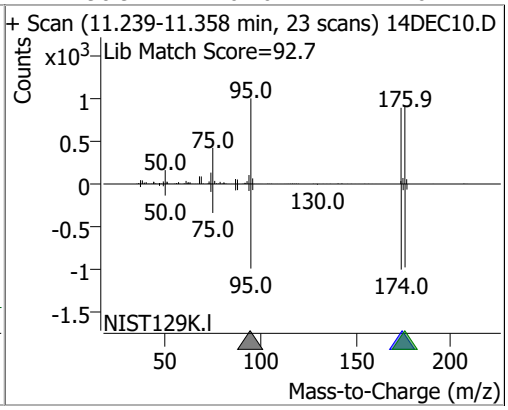




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	250.8107	11.29	0.03	225293	174.0	92.7	65.3	125.3
					176.0	90.9	61.6	121.6

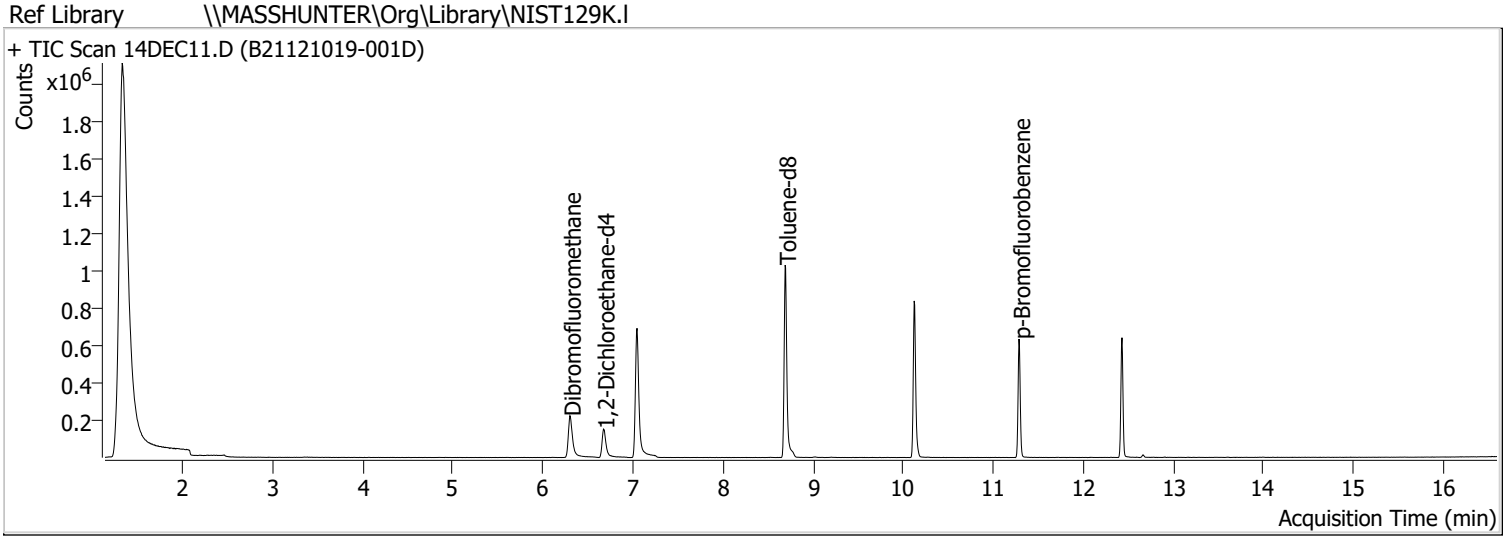






Quantitation Results Report (QT Reviewed)

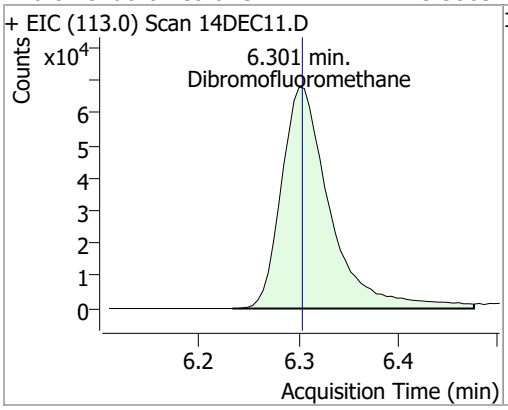
Data File	14DEC11.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 2:13:00 PM
Sample Name	B21121019-001D	Instrument	GC/MS Ins
Vial	11	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

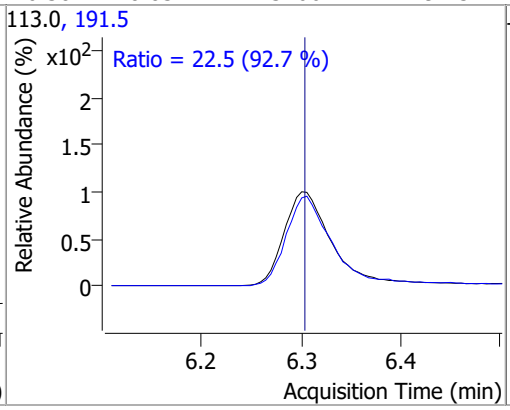


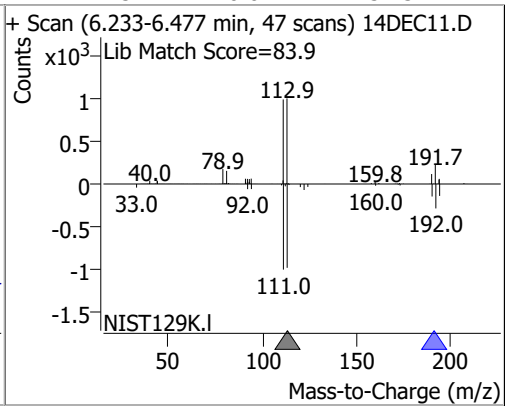
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.046	96.0	946610	250.0000	ng	0.032
M Chlorobenzene-d5	10.123	82.0	299214	250.0000	ng	0.027
M 1,4-Dichlorobenzene-d4	12.431	152.0	187987	250.0000	ng	0.027
System Monitoring Compounds						
S Dibromofluoromethane	6.301	113.0	231664	245.3063	ng	0.027
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.12%		
S 1,2-Dichloroethane-d4	6.673	67.0	89050	246.0038	ng	0.027
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 98.40%		
S Toluene-d8	8.691	98.0	844057	229.5821	ng	0.027
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 91.83%		
S p-Bromofluorobenzene	11.287	95.0	217291	249.2654	ng	0.027
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 99.71%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

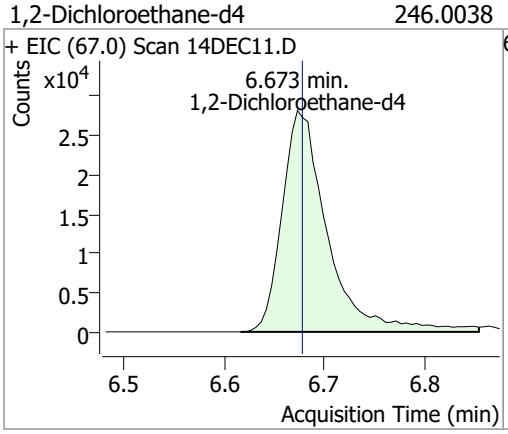
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	245.3063	6.30	0.03	231664	191.5	22.5	0.0	54.3

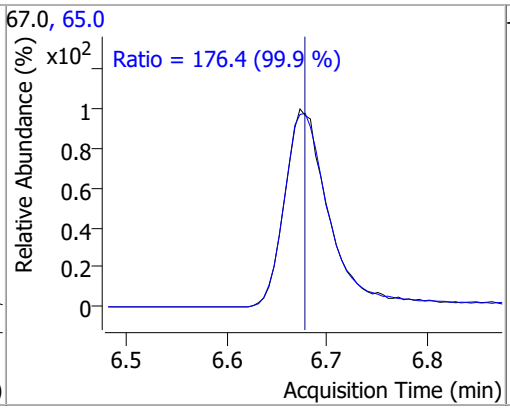


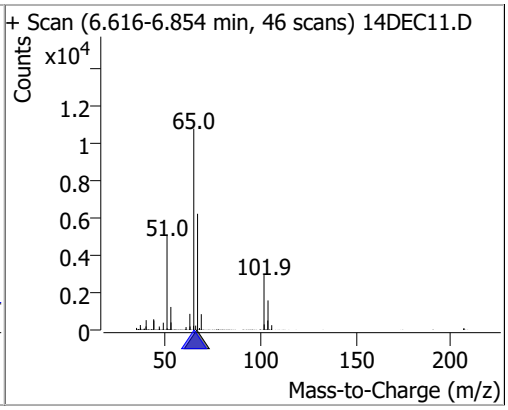




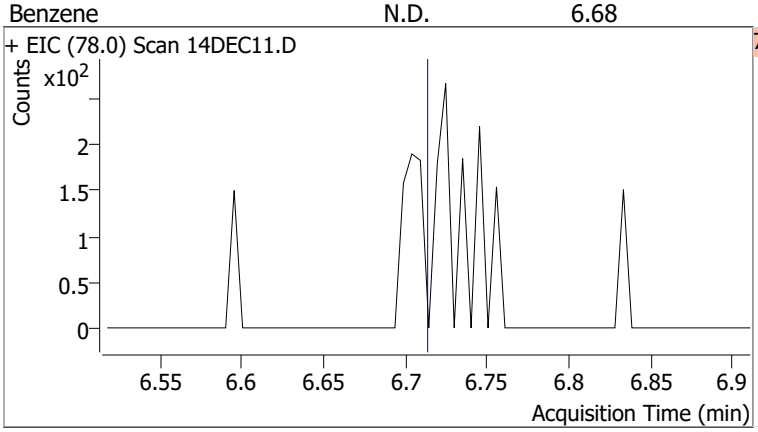
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	246.0038	6.67	0.03	89050	65.0	176.4	146.6	206.6

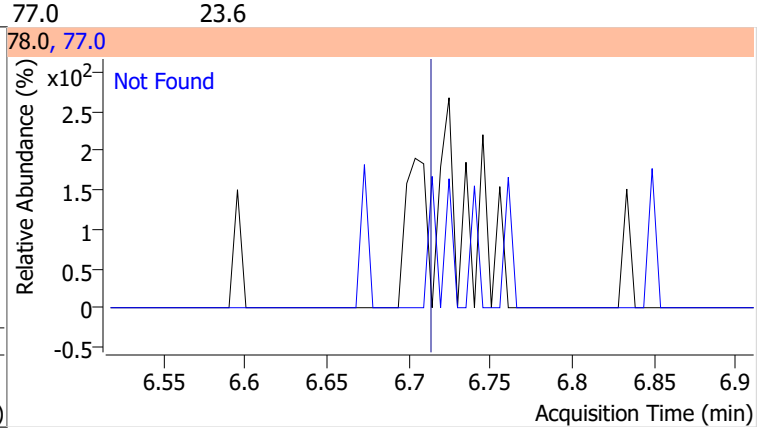




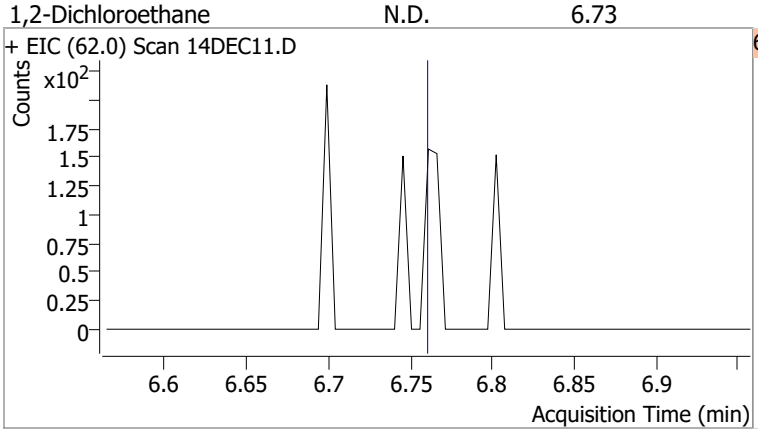


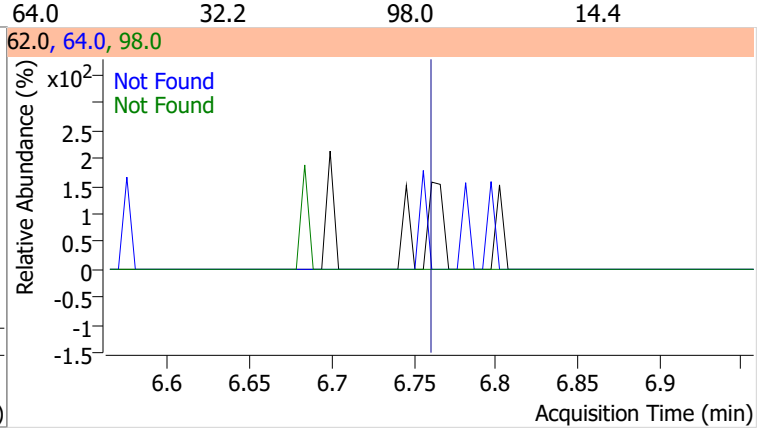
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



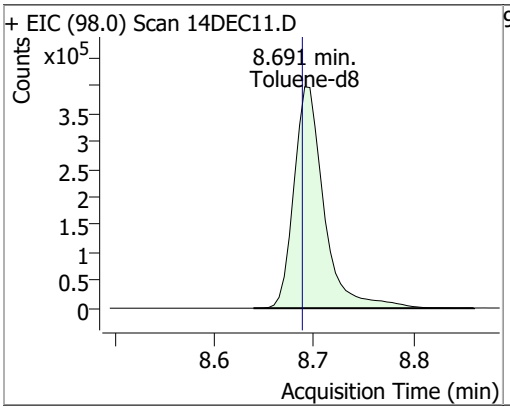


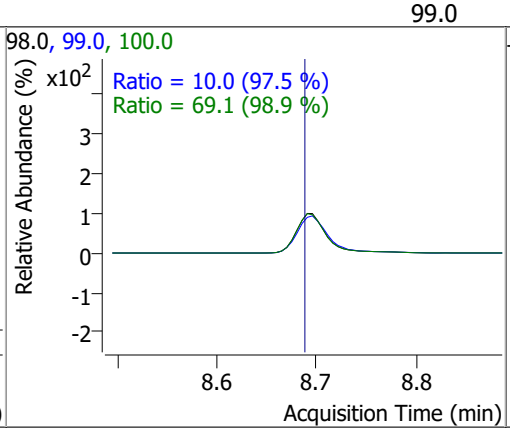
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

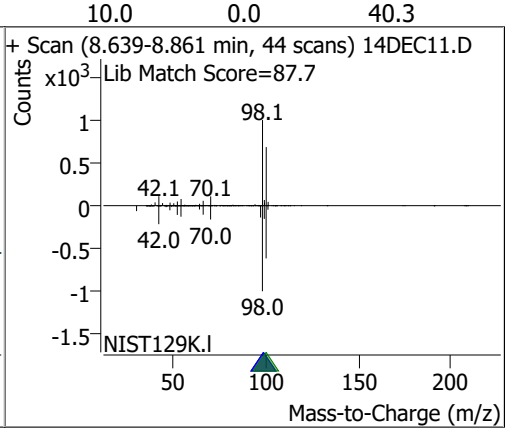




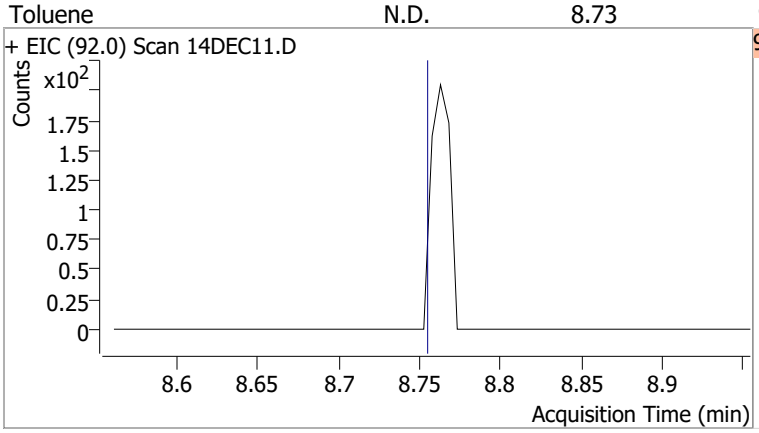
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	229.5821	8.69	0.03	844057	100.0	69.1	39.9	99.9
					99.0	10.0	0.0	40.3

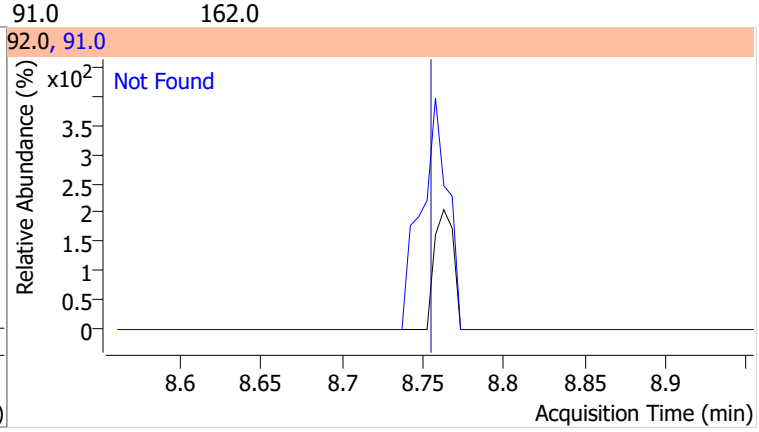




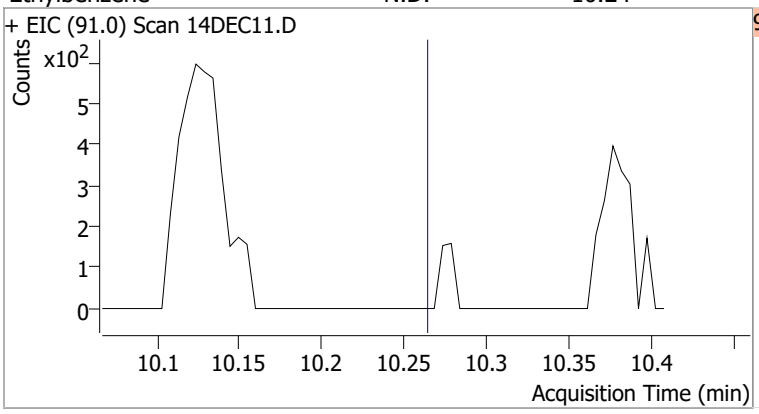


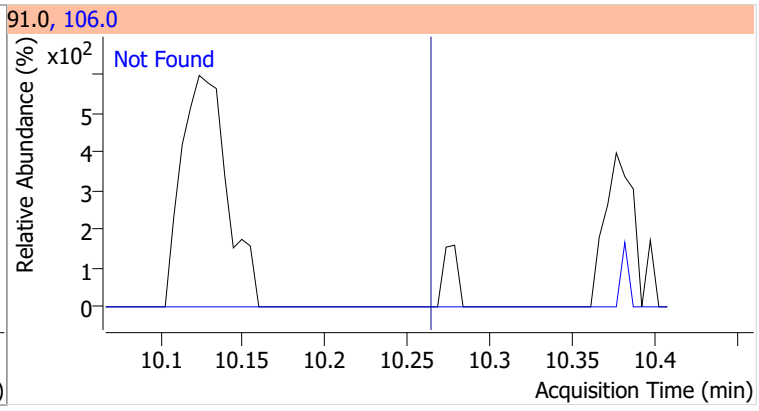
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



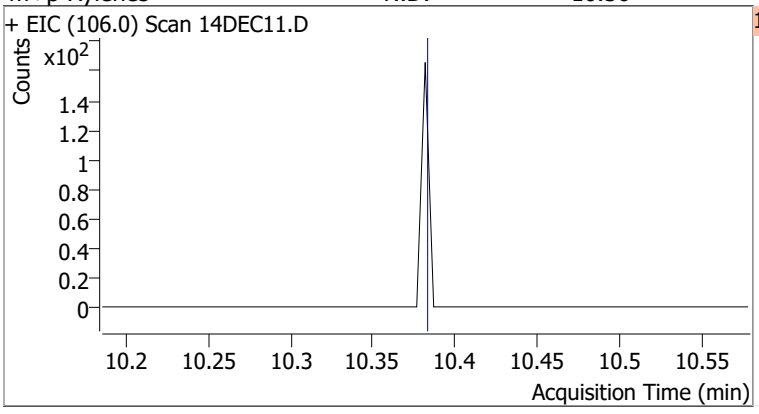


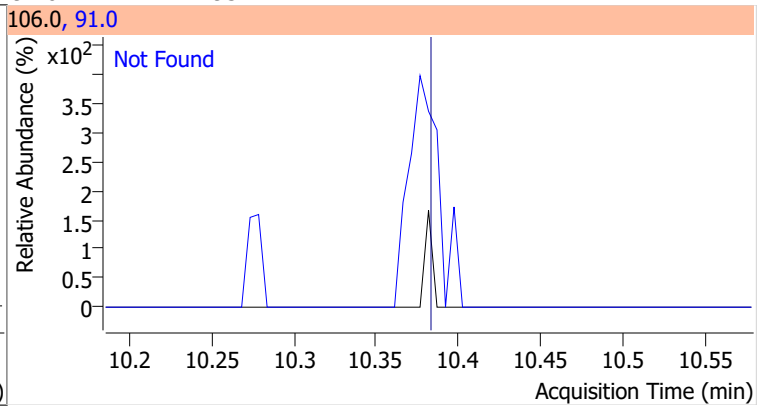
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



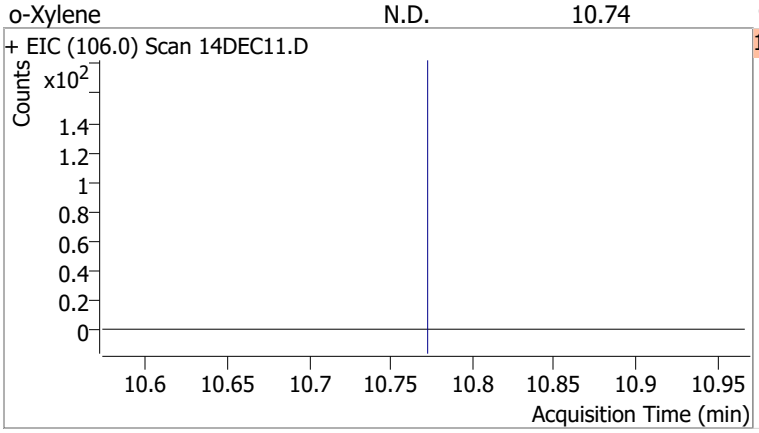


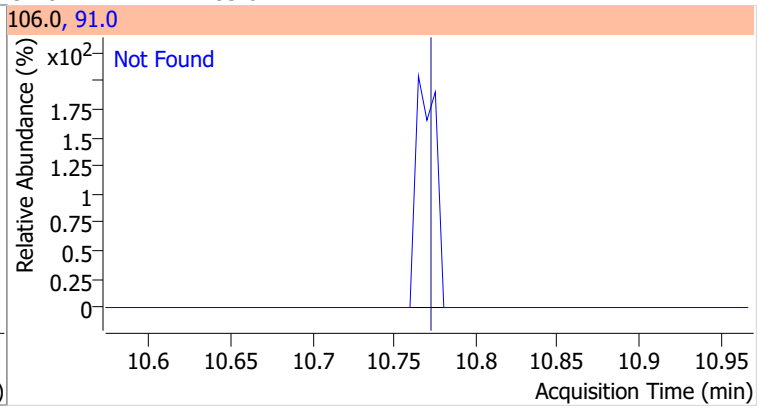
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



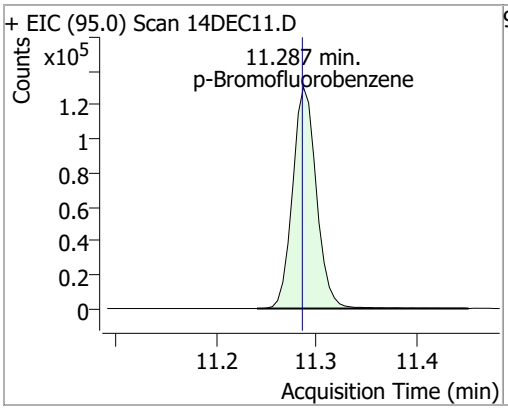


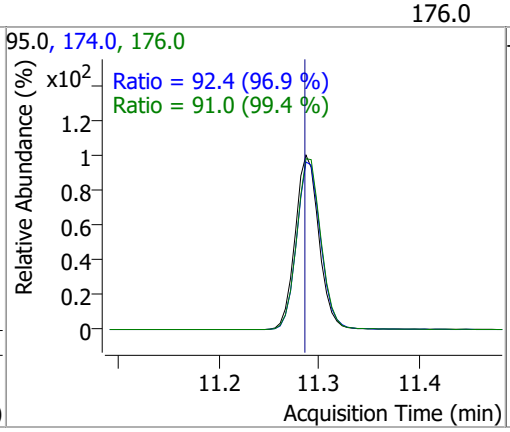
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

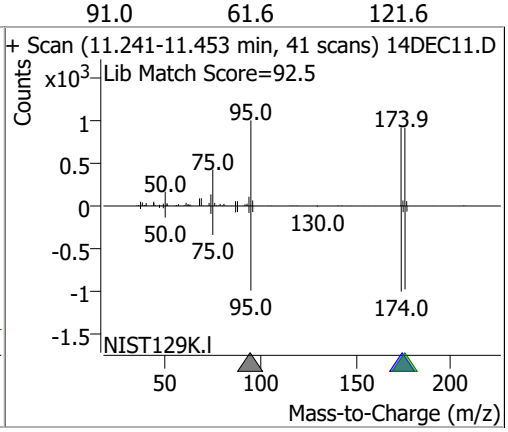




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	249.2654	11.29	0.03	217291	174.0	92.4	65.3	125.3
					176.0	91.0	61.6	121.6

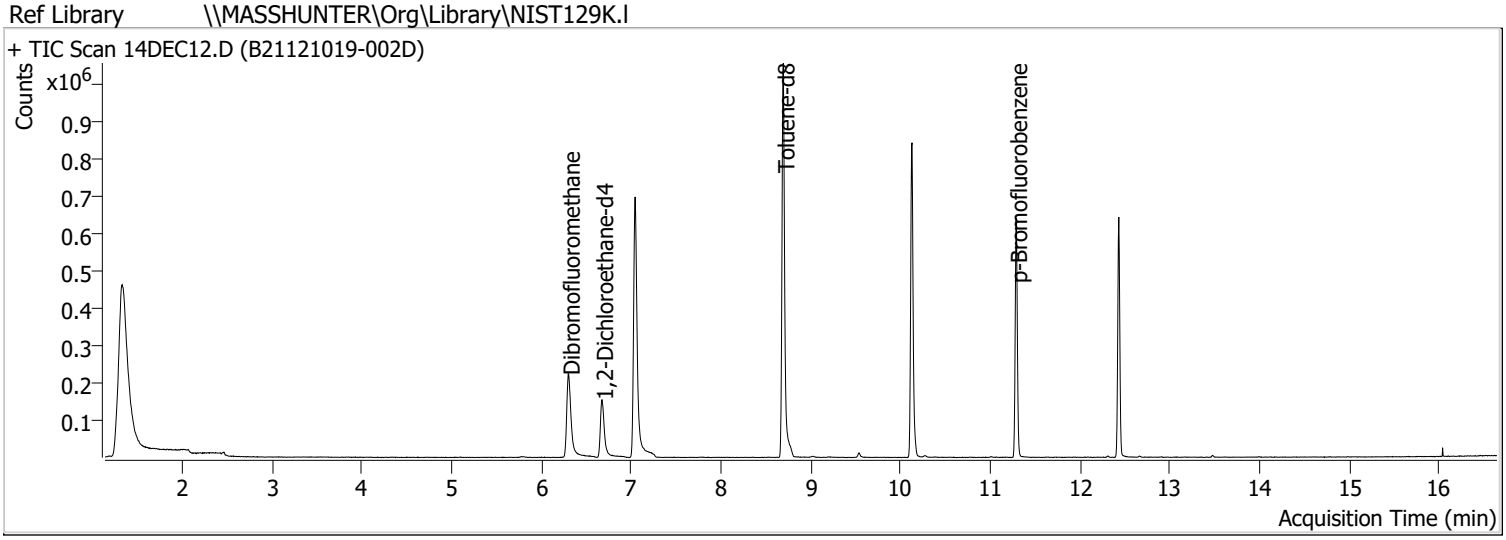






Quantitation Results Report (QT Reviewed)

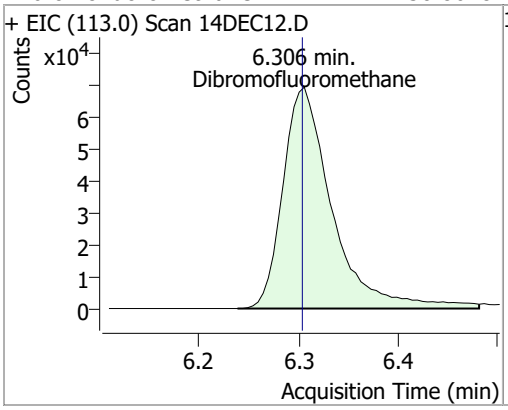
Data File	14DEC12.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 2:38:00 PM
Sample Name	B21121019-002D	Instrument	GC/MS Ins
Vial	12	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

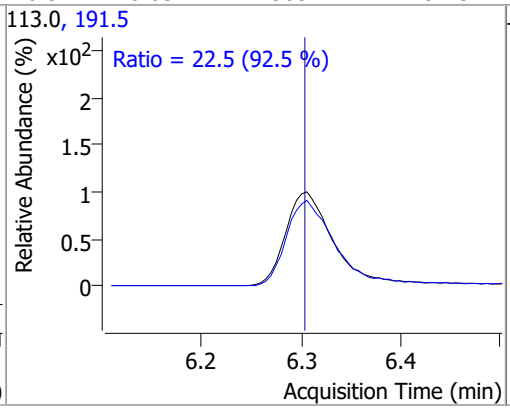


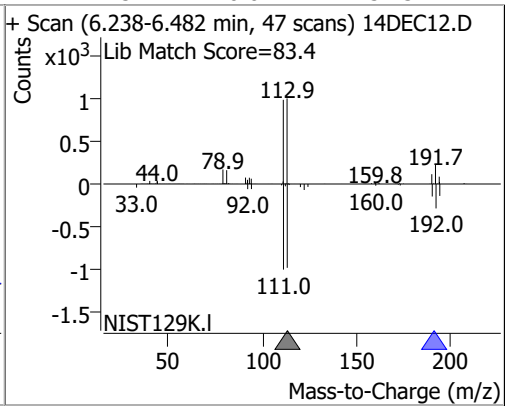
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.045	96.0	952466	250.0000	ng	0.032
M Chlorobenzene-d5	10.128	82.0	300256	250.0000	ng	0.032
M 1,4-Dichlorobenzene-d4	12.430	152.0	183575	250.0000	ng	0.026
System Monitoring Compounds						
S Dibromofluoromethane	6.306	113.0	238377	250.8628	ng	0.032
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.35%		
S 1,2-Dichloroethane-d4	6.678	67.0	87427	240.0353	ng	0.032
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 96.01%		
S Toluene-d8	8.696	98.0	853025	231.2162	ng	0.032
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 92.49%		
S p-Bromofluorobenzene	11.287	95.0	219405	257.7396	ng	0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 103.10%		
Target Compounds						QValue
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

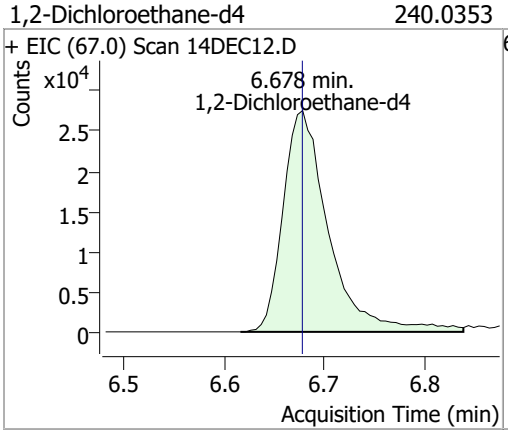
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	250.8628	6.31	0.03	238377	191.5	22.5	0.0	54.3

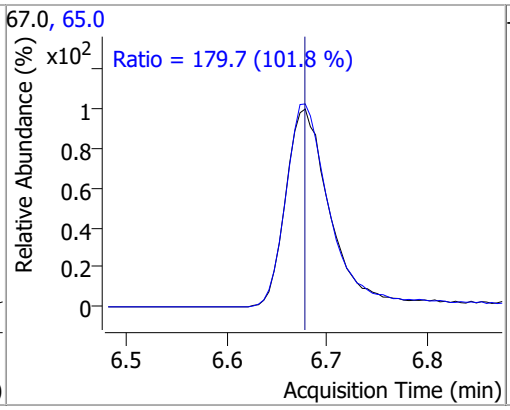


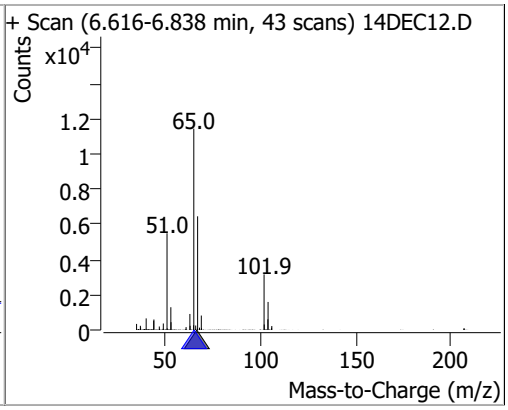




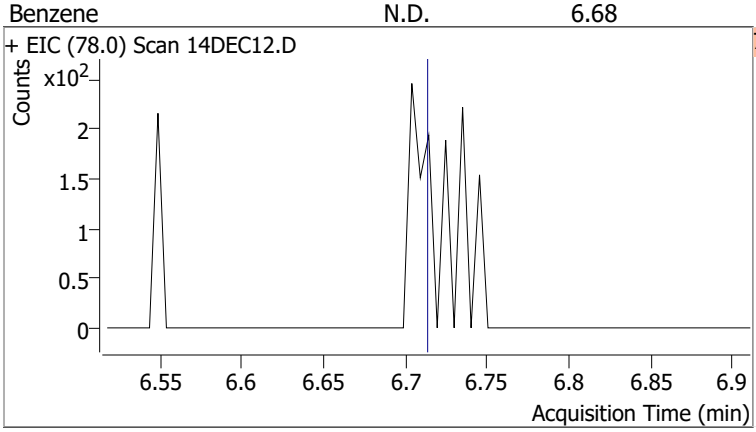
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	240.0353	6.68	0.03	87427	65.0	179.7	146.6	206.6

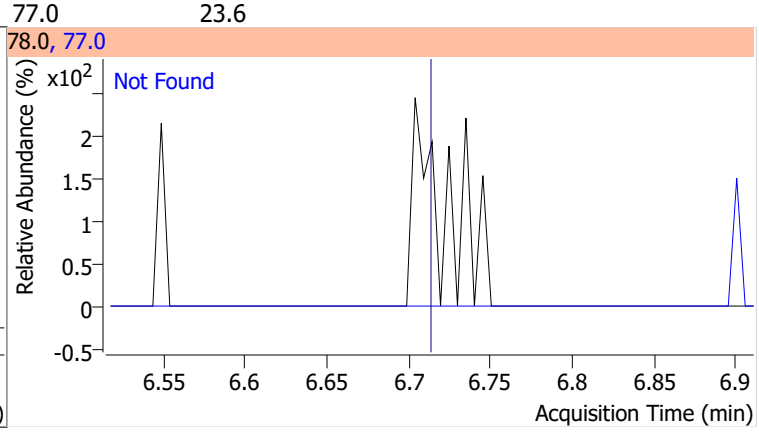




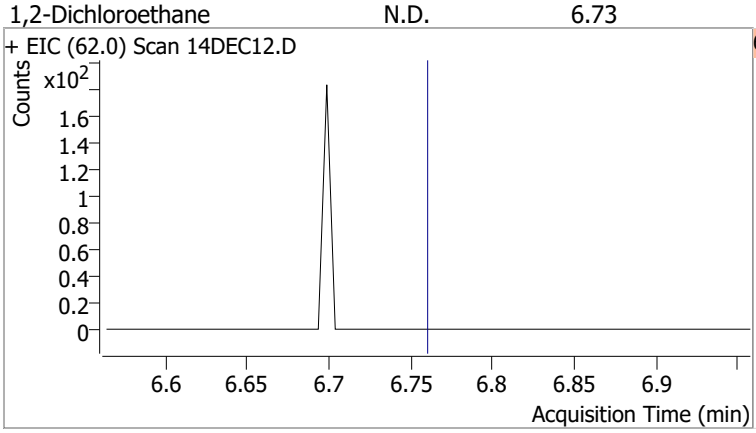


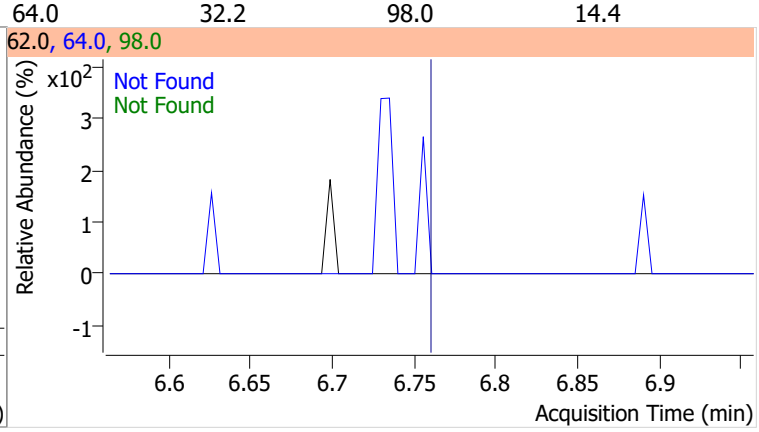
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



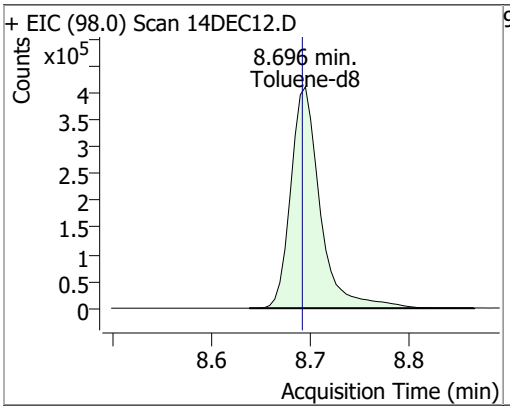


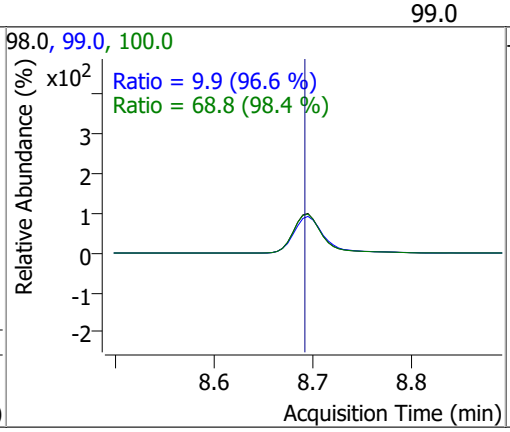
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

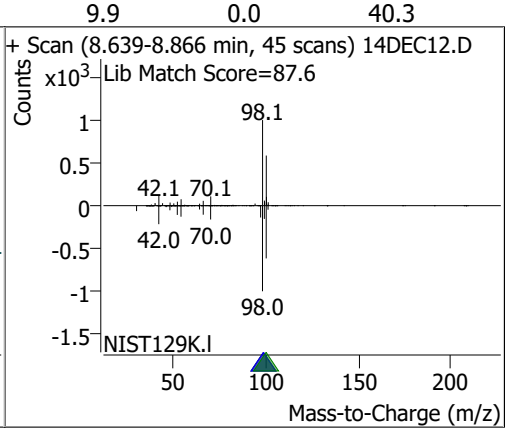




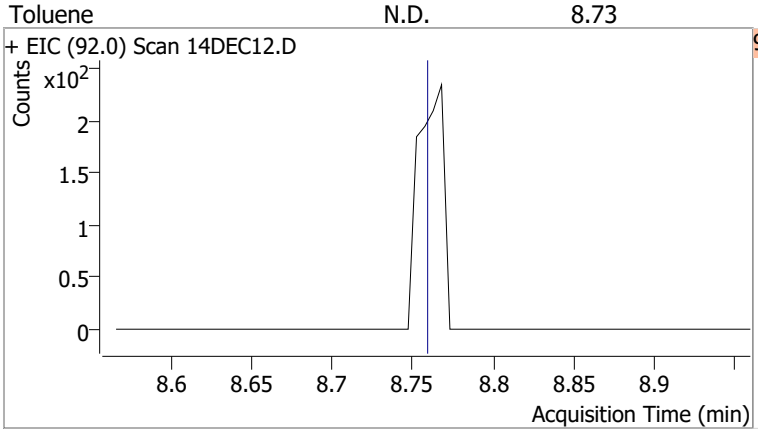
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	231.2162	8.70	0.03	853025	100.0	68.8	39.9	99.9
					99.0	9.9	0.0	40.3

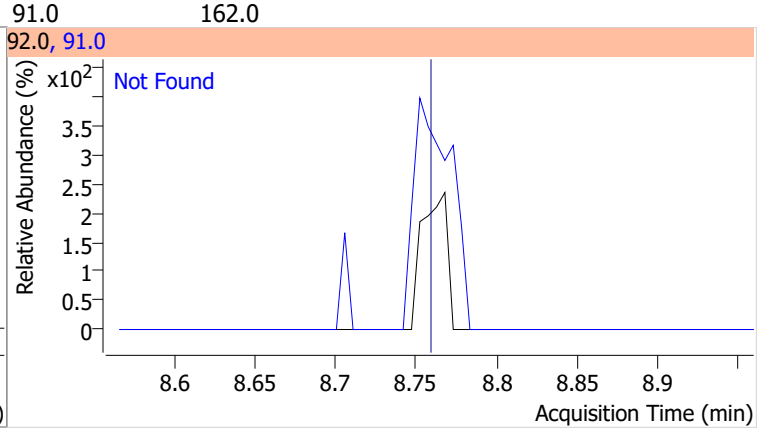




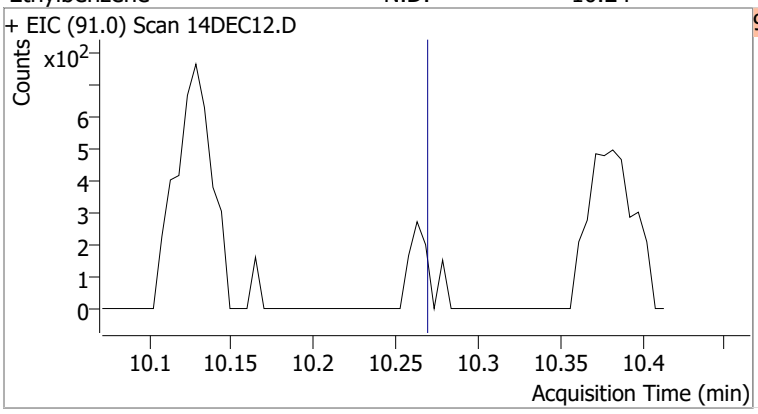


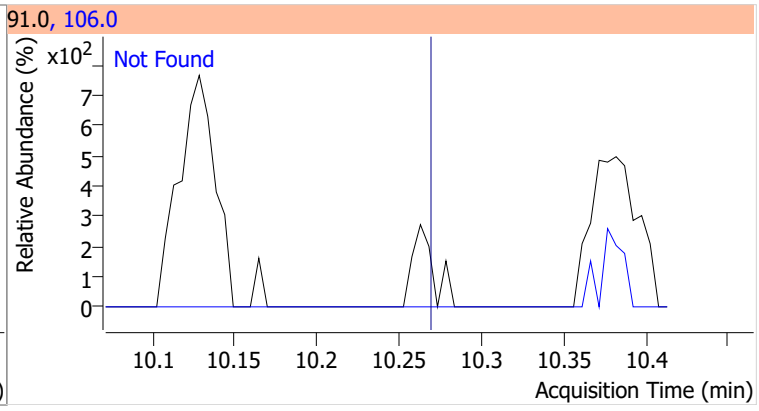
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



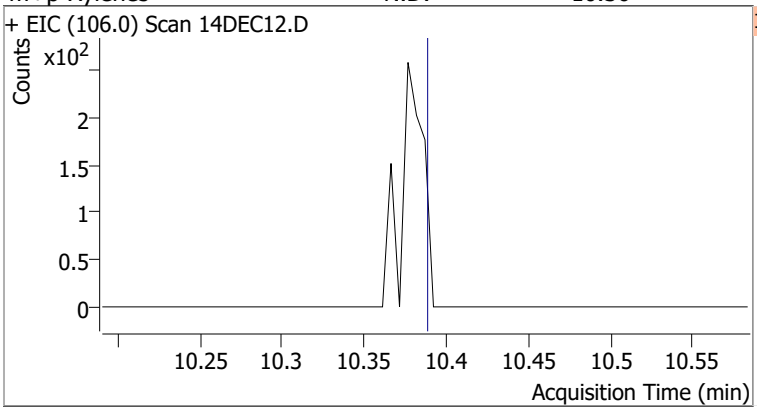


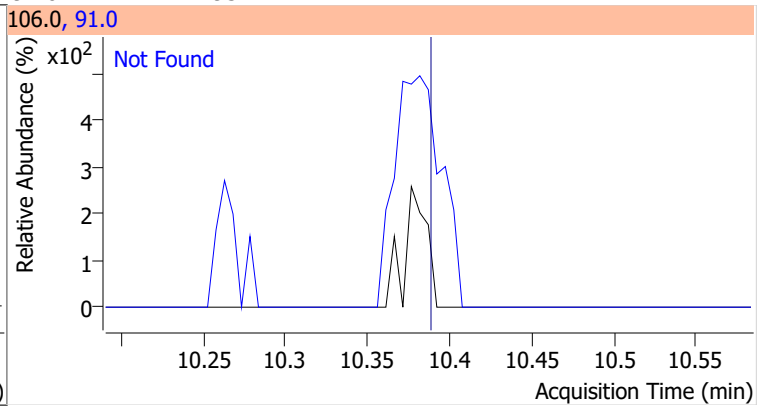
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



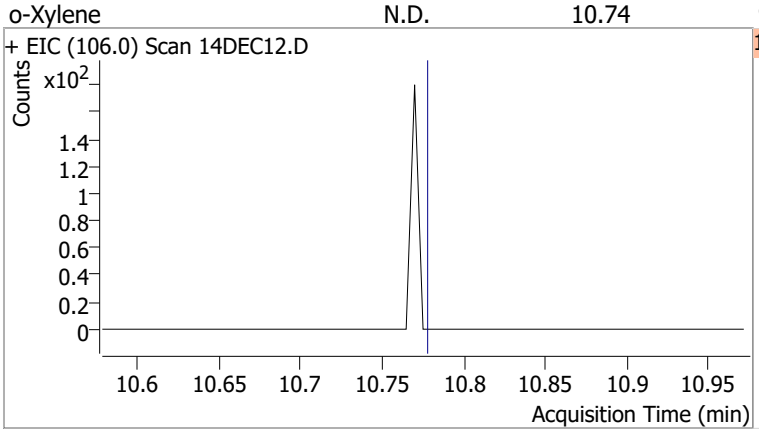


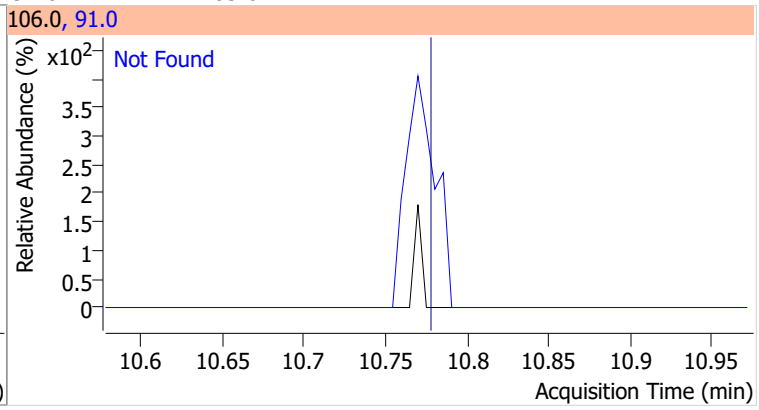
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



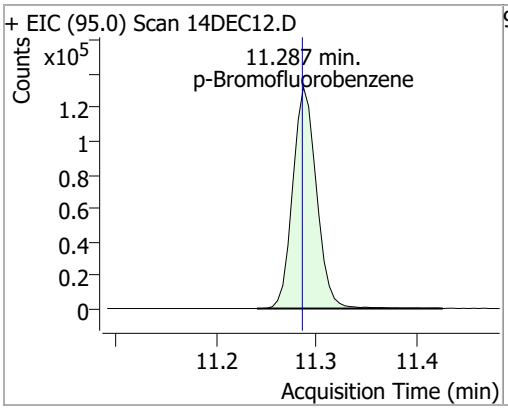


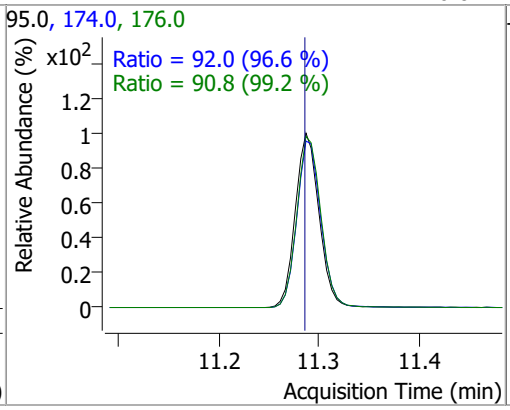
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

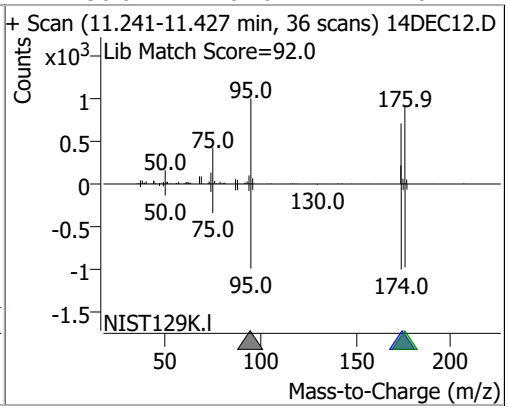




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	257.7396	11.29	0.03	219405	174.0	92.0	65.3	125.3
					176.0	90.8	61.6	121.6

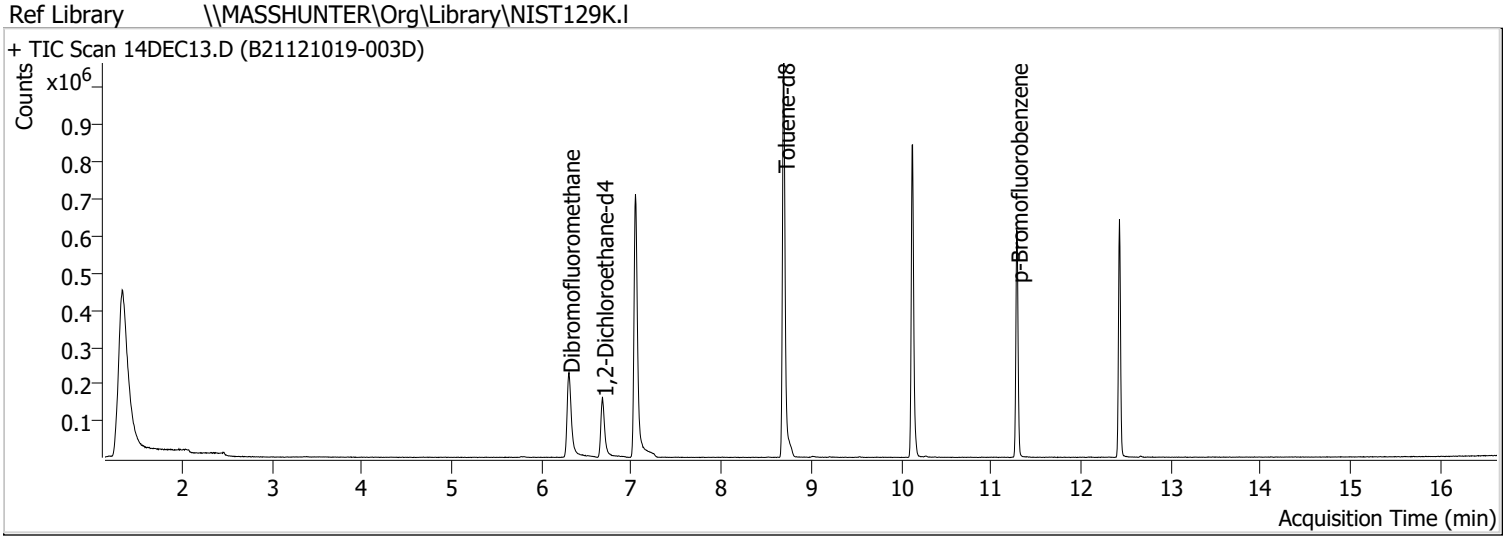






Quantitation Results Report (QT Reviewed)

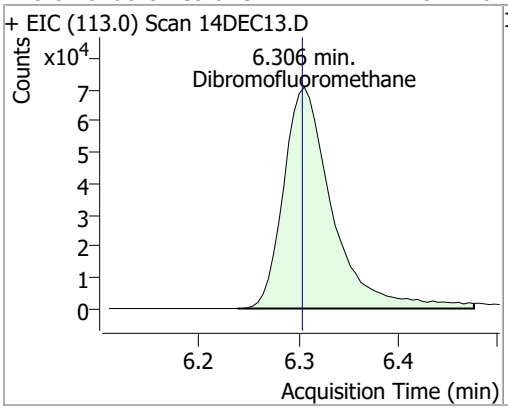
Data File	14DEC13.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 3:03:00 PM
Sample Name	B21121019-003D	Instrument	GC/MS Ins
Vial	13	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

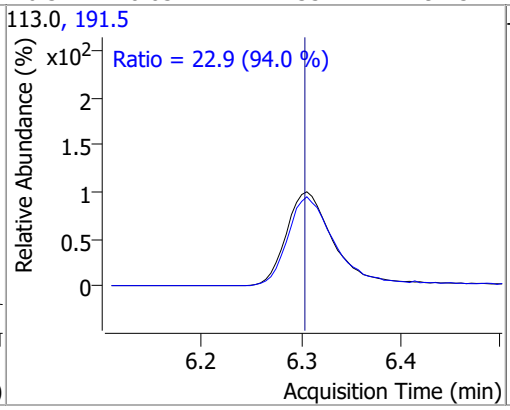


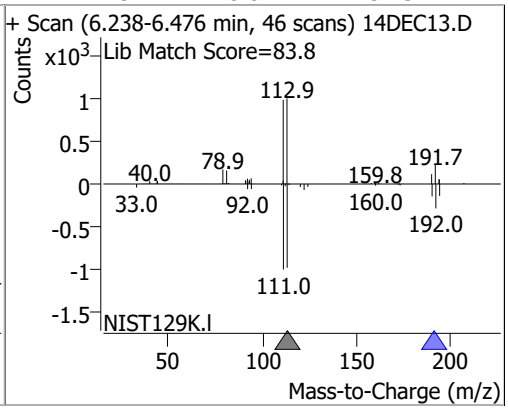
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.045	96.0	977843	250.0000	ng	0.031
M Chlorobenzene-d5	10.123	82.0	302451	250.0000	ng	0.026
M 1,4-Dichlorobenzene-d4	12.430	152.0	183989	250.0000	ng	0.026
System Monitoring Compounds						
S Dibromofluoromethane	6.306	113.0	242352	248.4270	ng	0.031
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.37%		
S 1,2-Dichloroethane-d4	6.678	67.0	90954	243.2381	ng	0.031
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 97.30%		
S Toluene-d8	8.695	98.0	875116	235.4826	ng	0.031
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.19%		
S p-Bromofluorobenzene	11.287	95.0	216957	254.2904	ng	0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 101.72%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

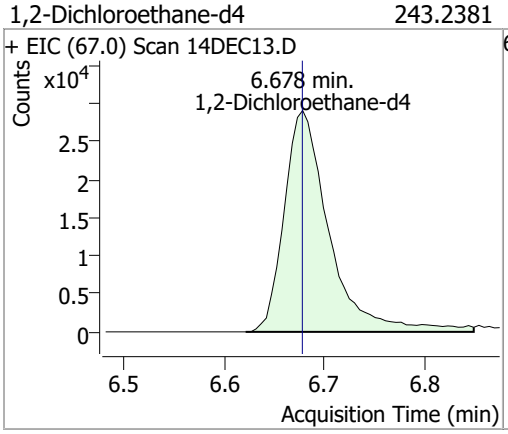
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	248.4270	6.31	0.03	242352	191.5	22.9	0.0	54.3

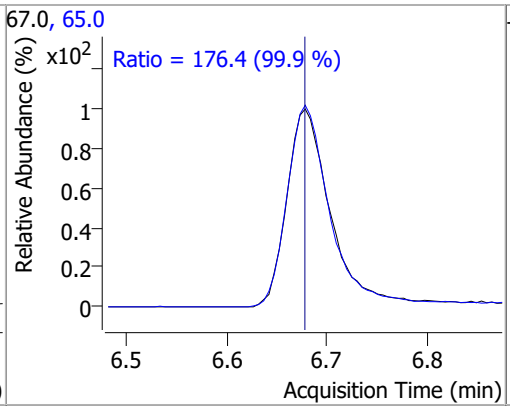


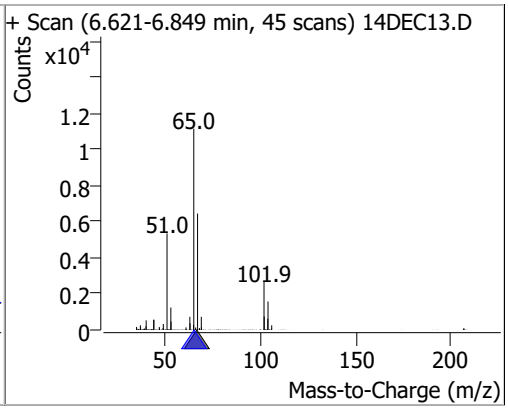




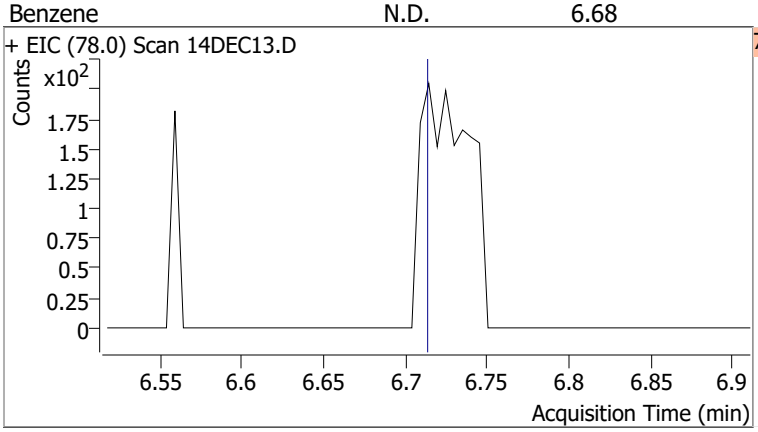
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	243.2381	6.68	0.03	90954	65.0	176.4	146.6	206.6

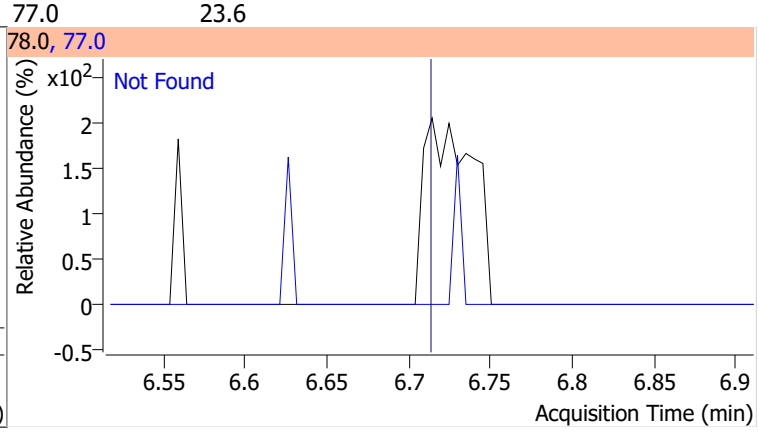




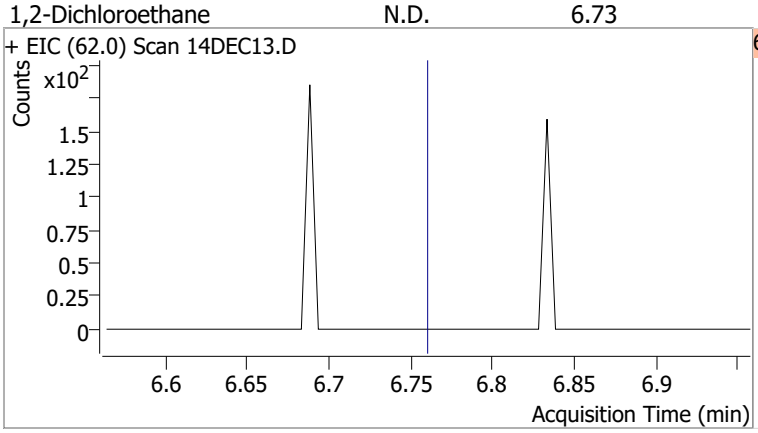


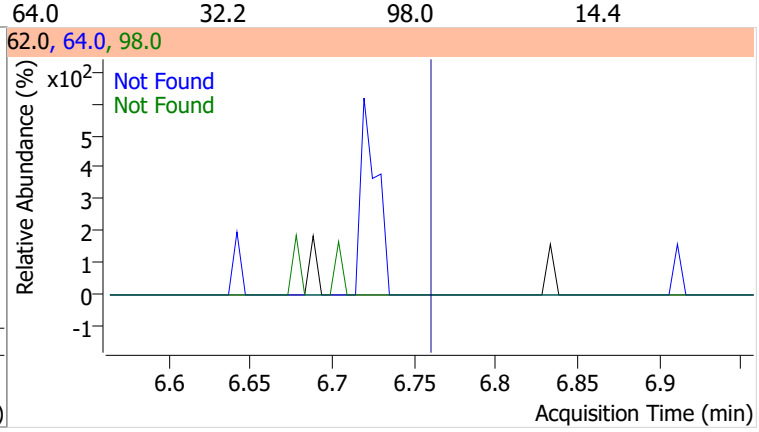
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



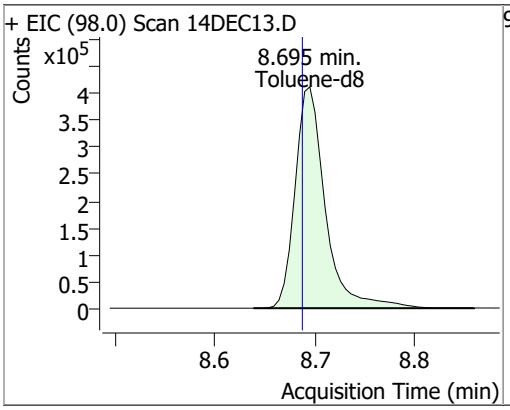


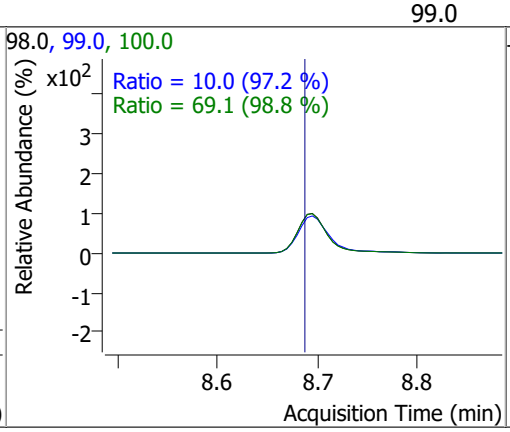
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

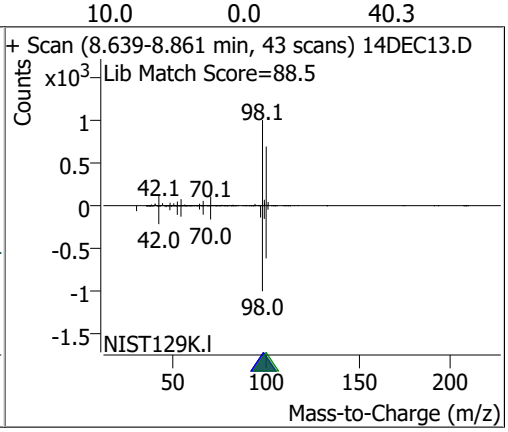




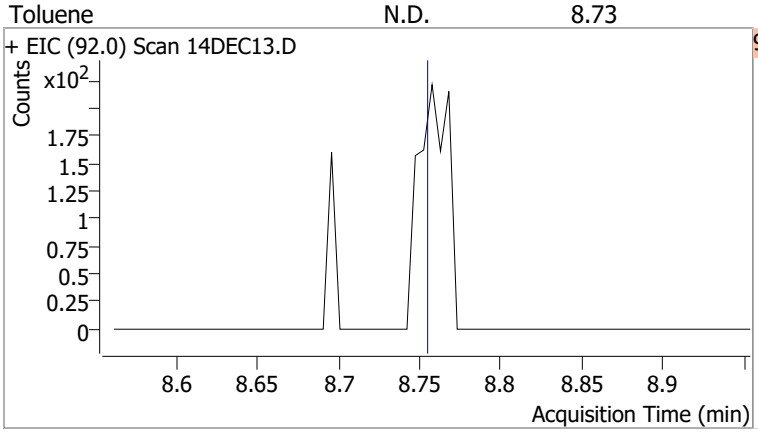
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	235.4826	8.70	0.03	875116	100.0	69.1	39.9	99.9
					99.0	10.0	0.0	40.3

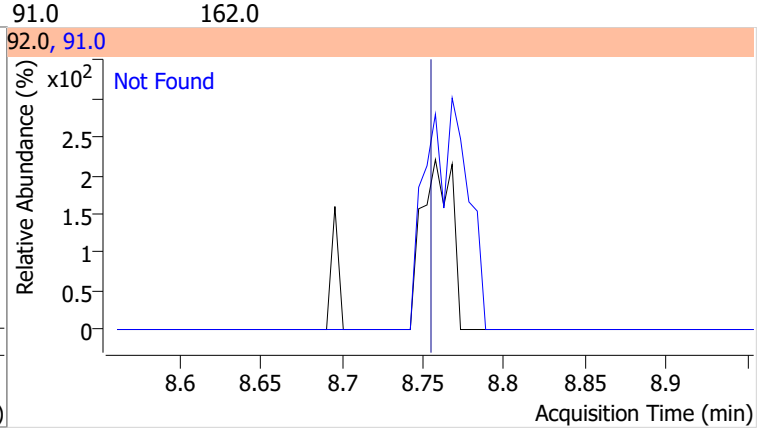




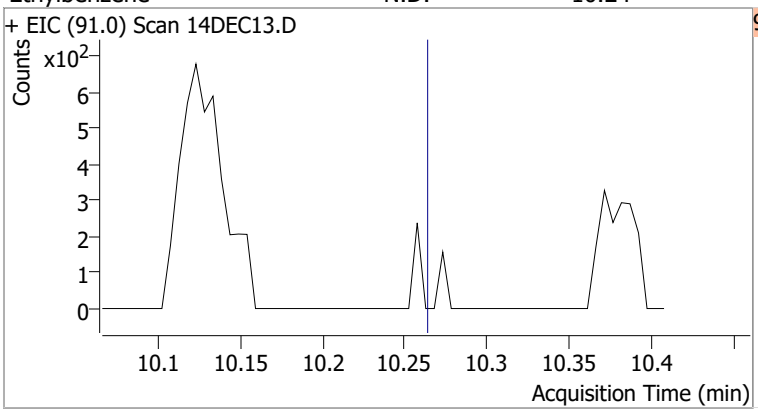


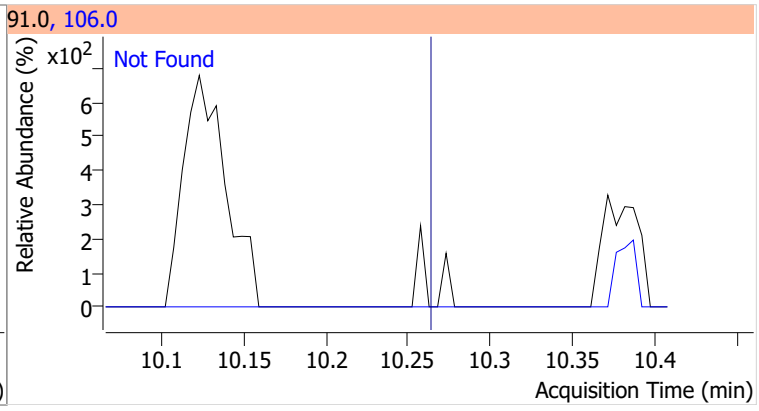
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



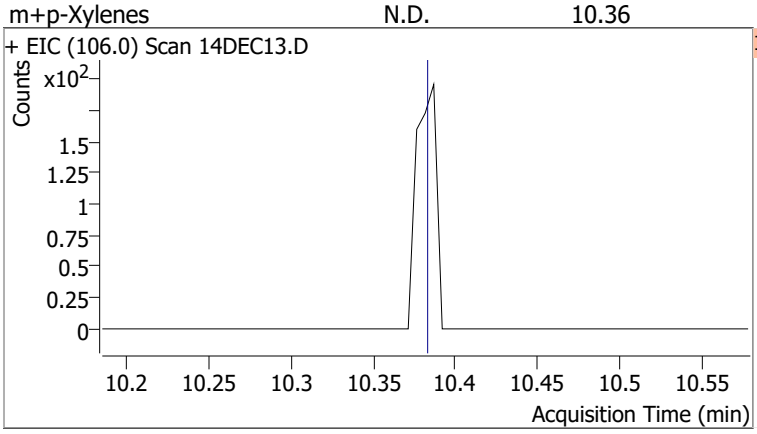


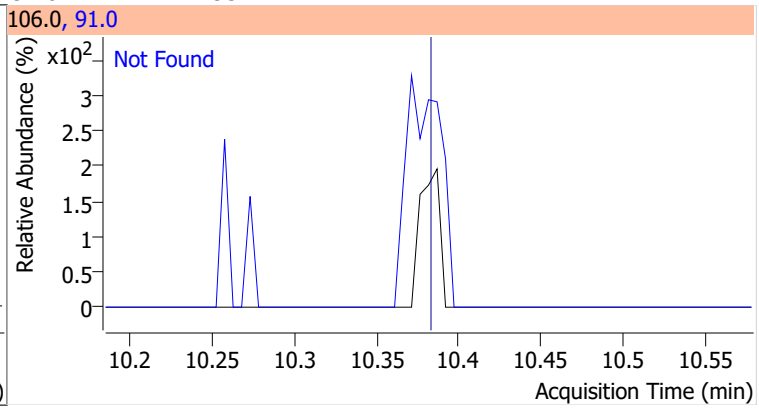
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



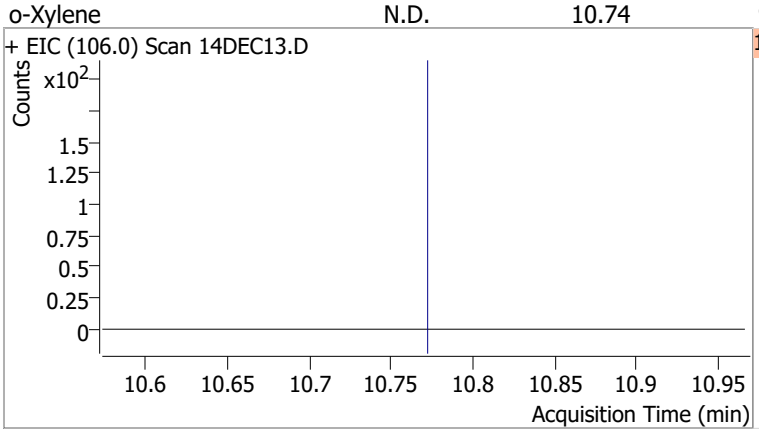


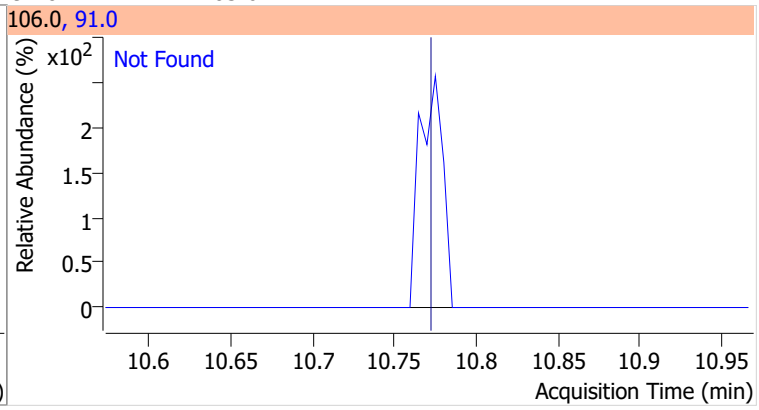
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



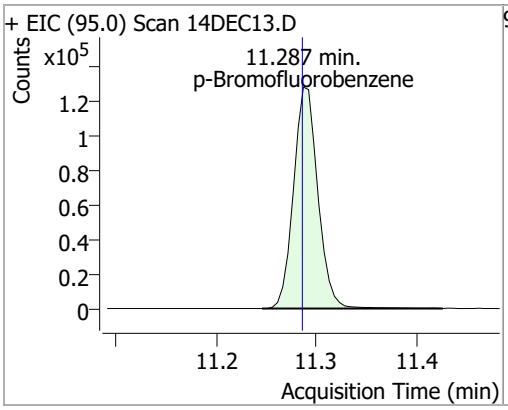


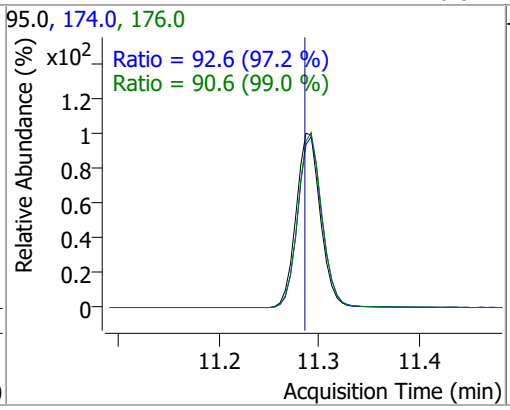
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

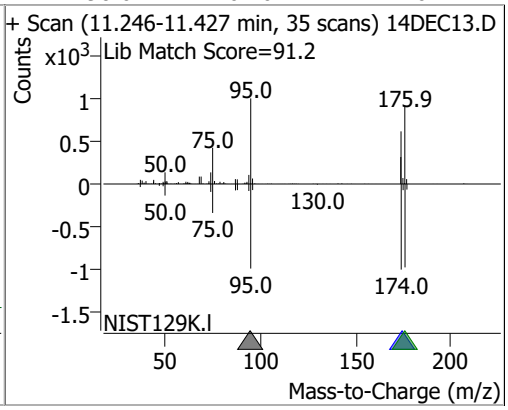




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	254.2904	11.29	0.03	216957	174.0	92.6	65.3	125.3
					176.0	90.6	61.6	121.6

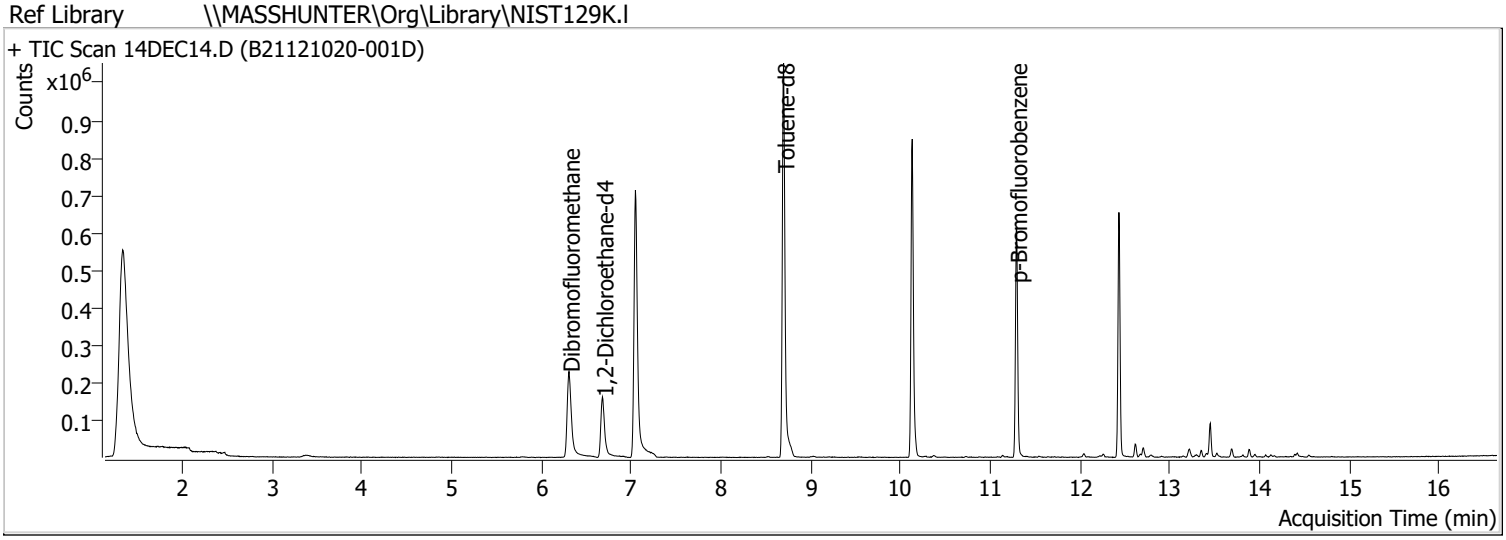






Quantitation Results Report (QT Reviewed)

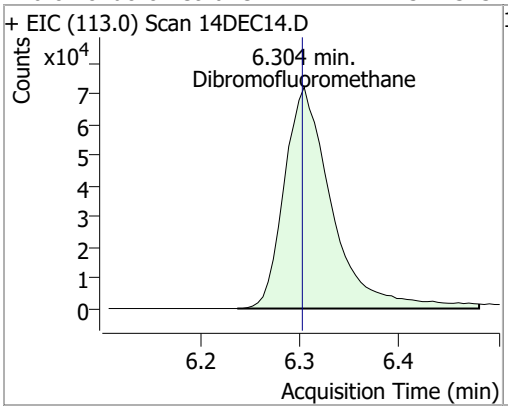
Data File	14DEC14.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 3:28:00 PM
Sample Name	B21121020-001D	Instrument	GC/MS Ins
Vial	14	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

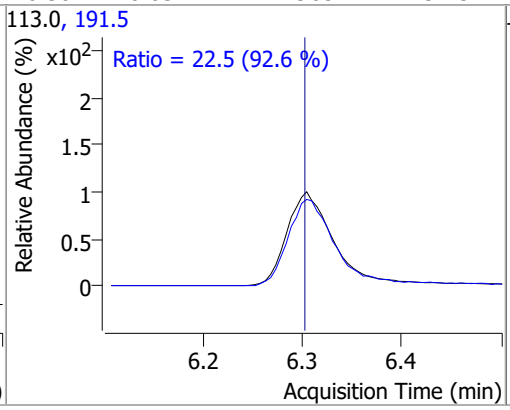


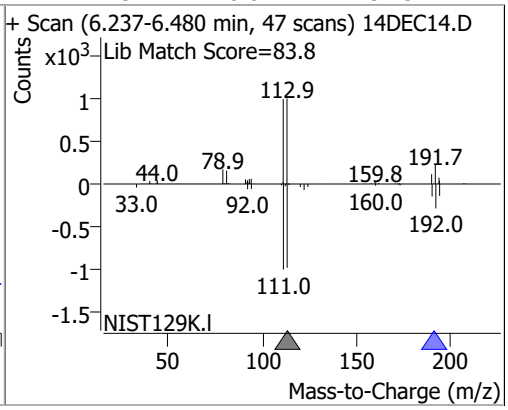
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.044	96.0	965525	250.0000	ng	0.030
M Chlorobenzene-d5	10.127	82.0	302499	250.0000	ng	0.030
M 1,4-Dichlorobenzene-d4	12.429	152.0	186690	250.0000	ng	0.025
System Monitoring Compounds						
S Dibromofluoromethane	6.304	113.0	241905	251.1323	ng	0.030
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.45%		
S 1,2-Dichloroethane-d4	6.677	67.0	90333	244.6594	ng	0.030
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 97.86%		
S Toluene-d8	8.694	98.0	859558	231.2594	ng	0.030
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 92.50%		
S p-Bromofluorobenzene	11.286	95.0	217284	250.9891	ng	0.025
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.40%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

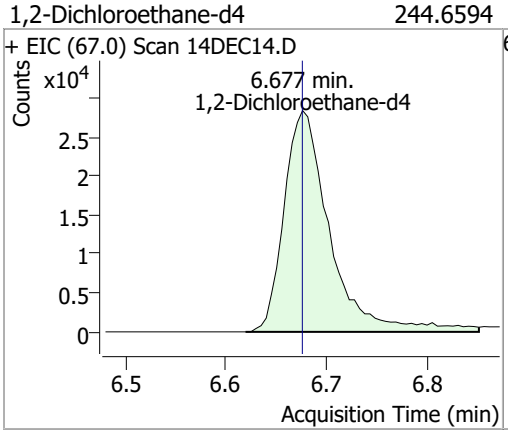
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	251.1323	6.30	0.03	241905	191.5	22.5	0.0	54.3

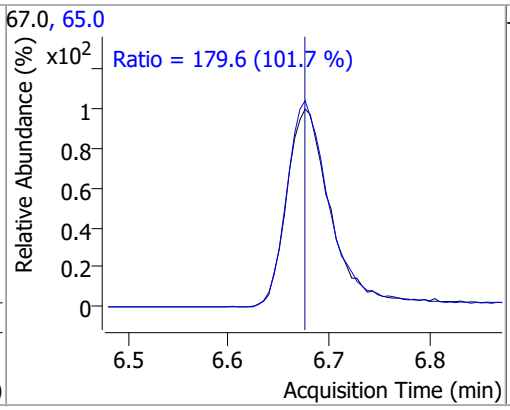


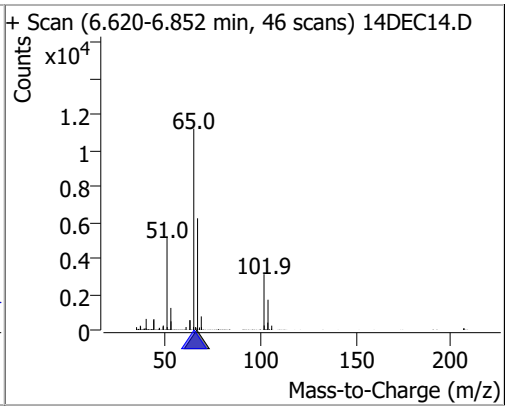




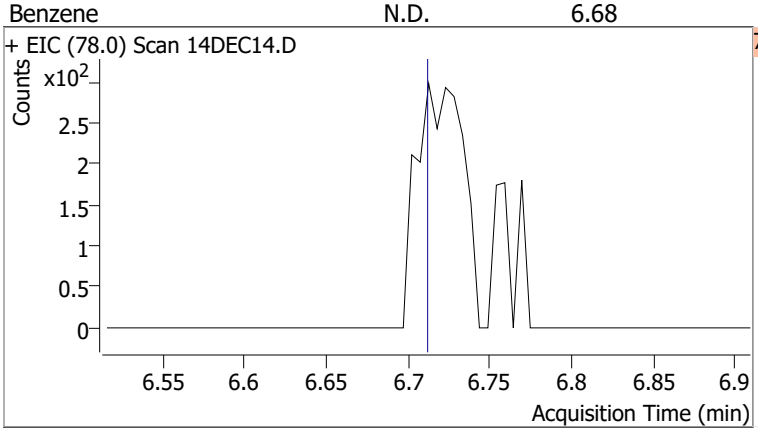
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	244.6594	6.68	0.03	90333	65.0	179.6	146.6	206.6

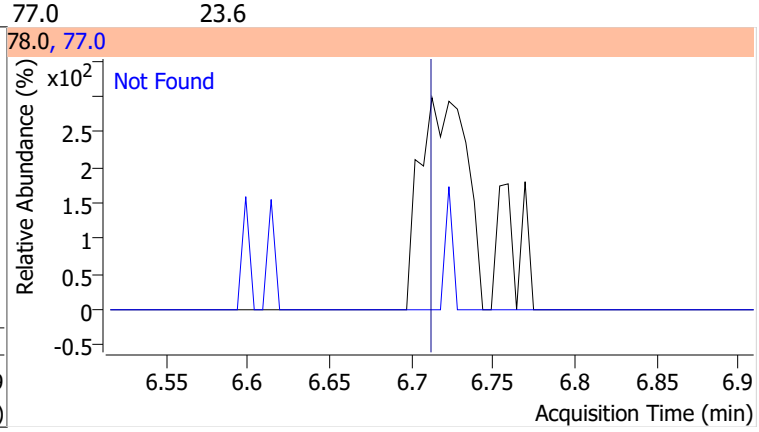




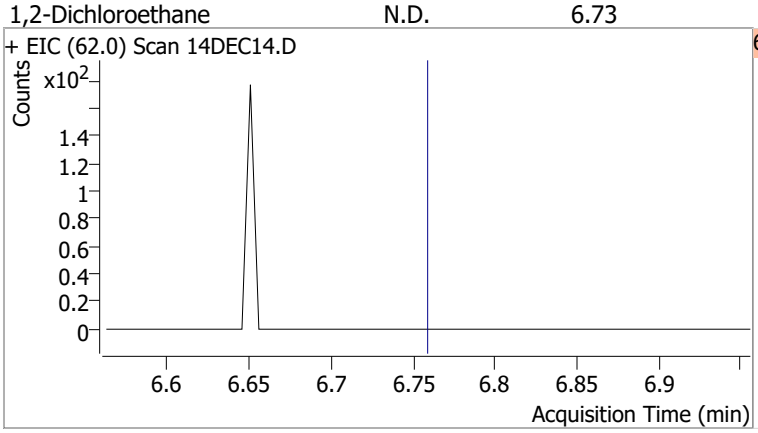


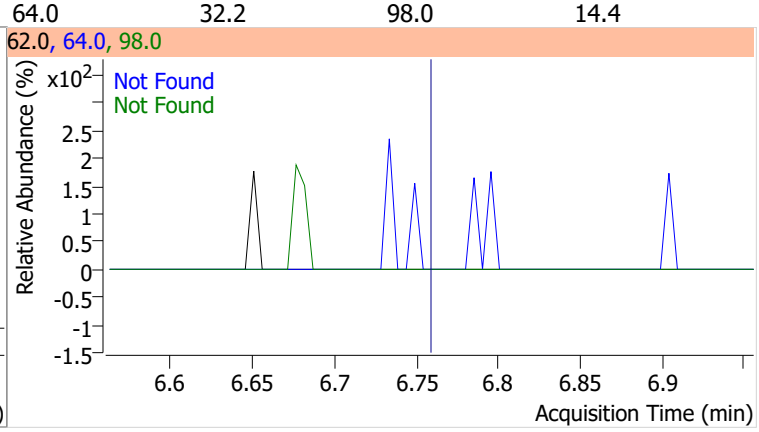
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



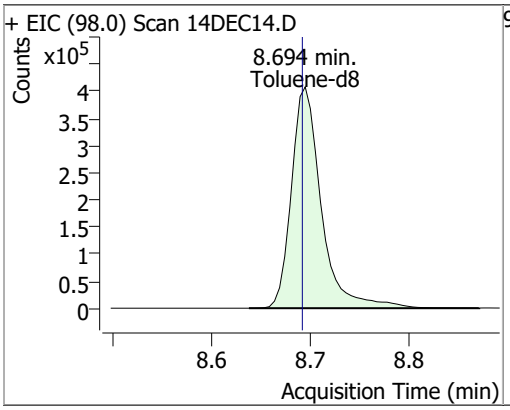


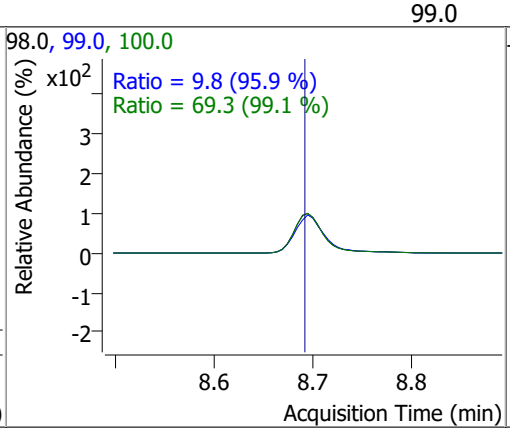
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

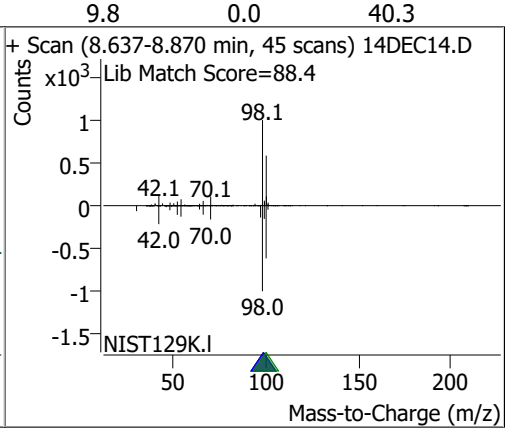




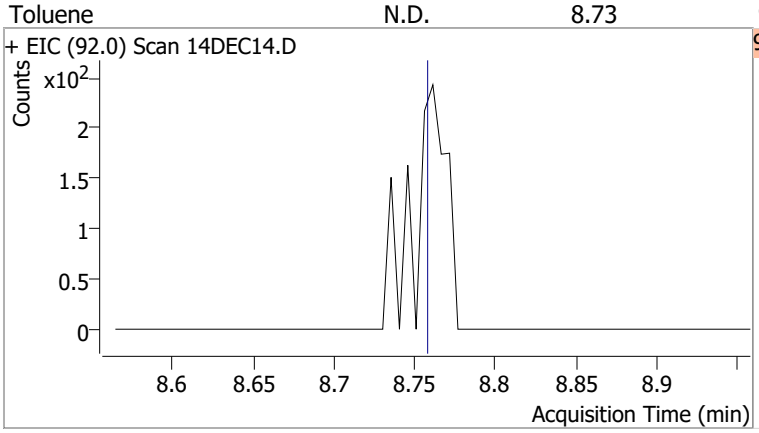
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	231.2594	8.69	0.03	859558	100.0	69.3	39.9	99.9
					99.0	9.8	0.0	40.3

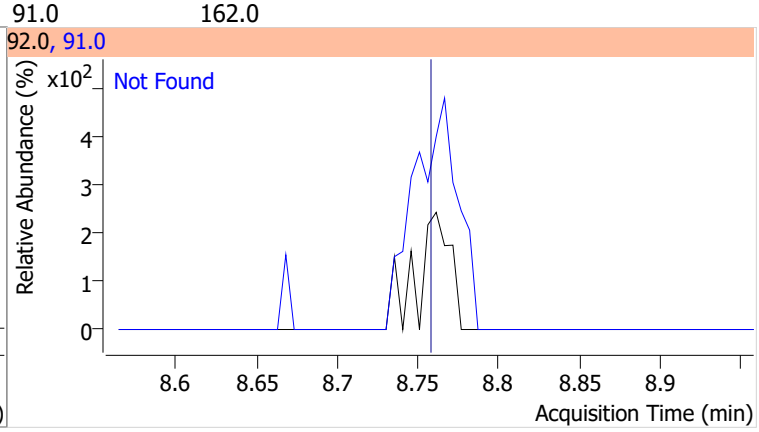




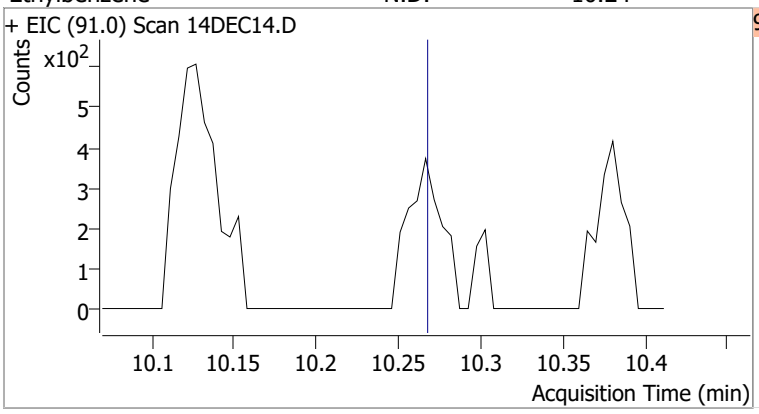


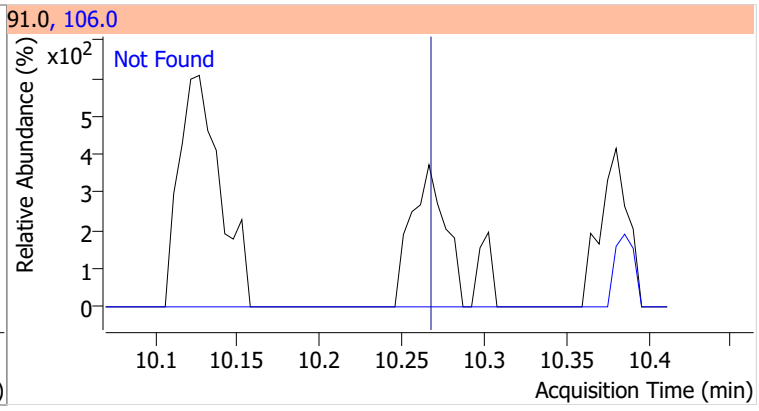
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



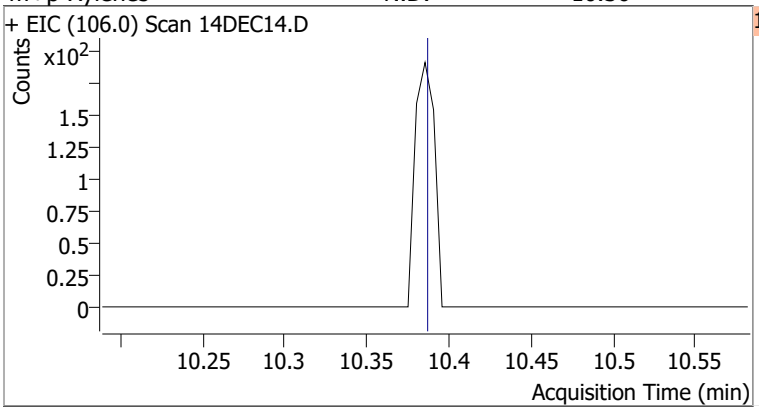


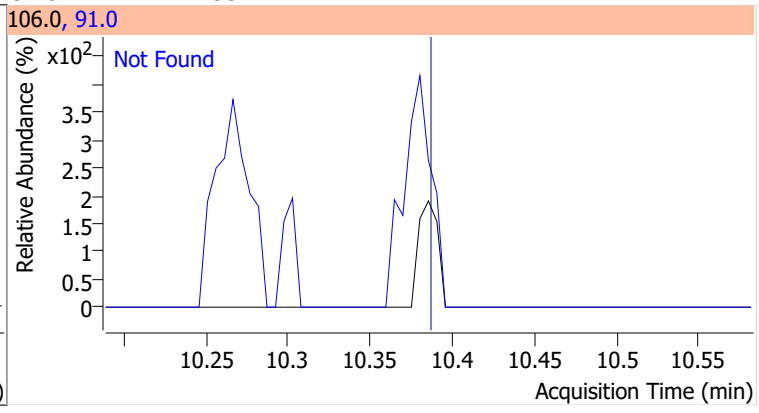
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



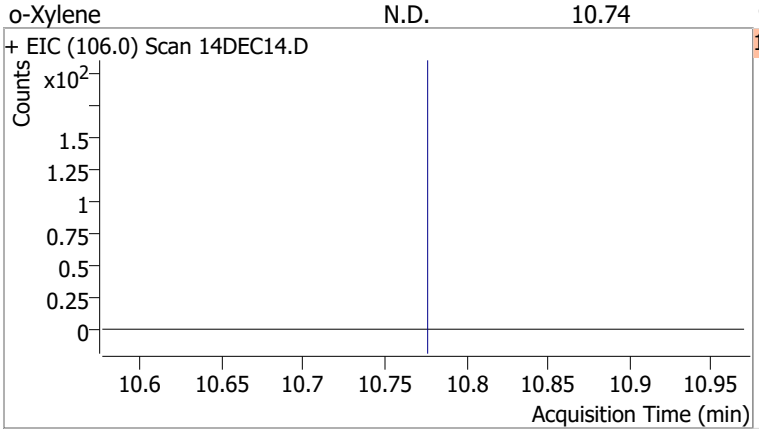


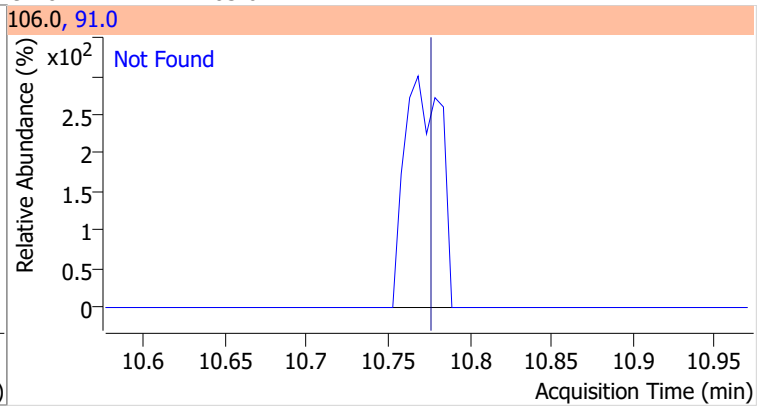
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



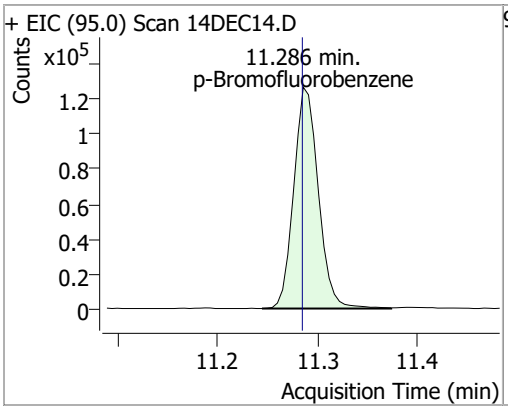


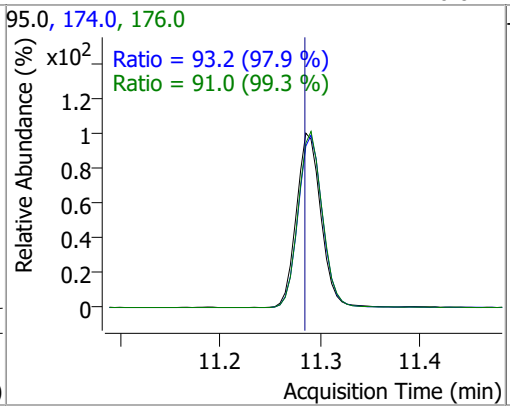
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

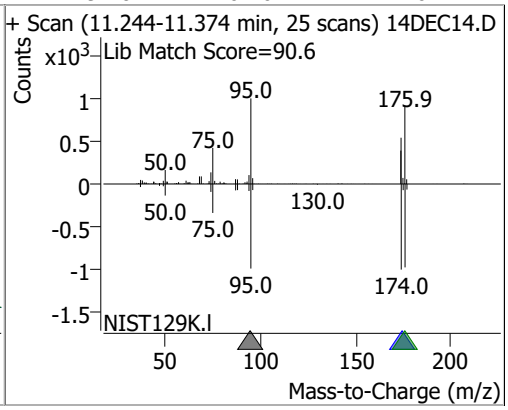




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	250.9891	11.29	0.02	217284	174.0	93.2	65.3	125.3
					176.0	91.0	61.6	121.6







Quantitation Results Report (QT Reviewed)

Data File	14DEC15.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 3:53:00 PM
Sample Name	B21121020-002D	Instrument	GC/MS Ins
Vial	15	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
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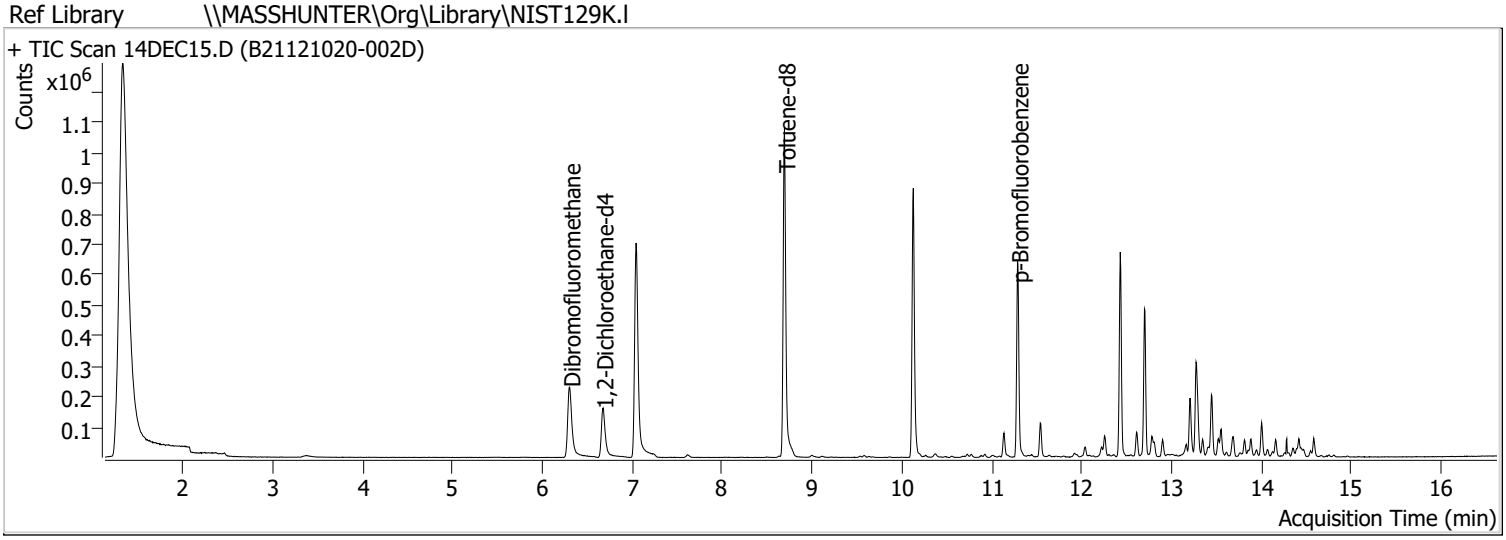
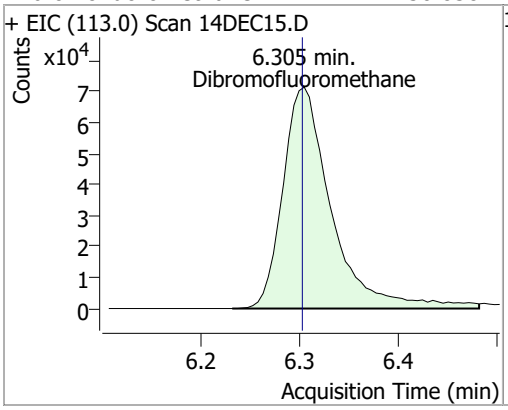
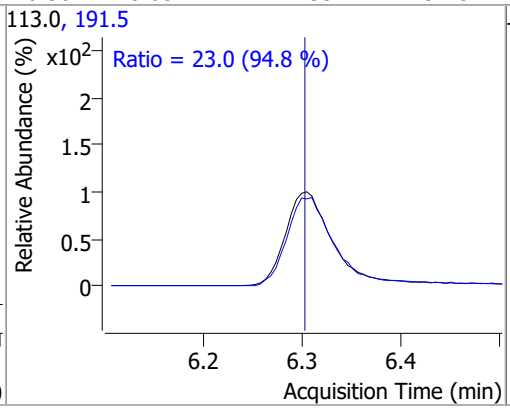


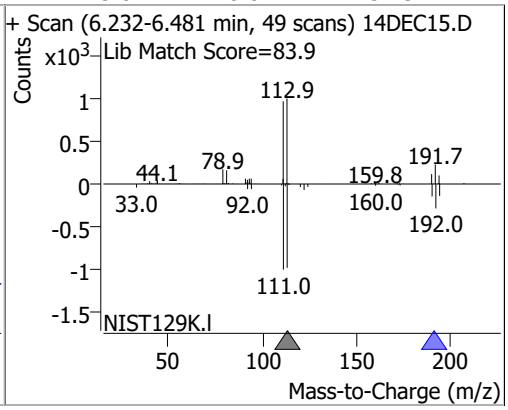
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.045	96.0	970230	250.0000	ng		0.031
M Chlorobenzene-d5	10.128	82.0	314686	250.0000	ng		0.031
M 1,4-Dichlorobenzene-d4	12.430	152.0	191437	250.0000	ng		0.026
System Monitoring Compounds							
S Dibromofluoromethane	6.305	113.0	242799	250.8381	ng		0.031
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.34%			
S 1,2-Dichloroethane-d4	6.672	67.0	92093	248.2167	ng		0.026
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 99.29%			
S Toluene-d8	8.695	98.0	869878	224.9723	ng		0.031
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 89.99%			
S p-Bromofluorobenzene	11.286	95.0	227623	256.4120	ng		0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.56%			
Target Compounds							**QValue**
T Benzene	6.714	78.0	0		ng	md	1
T 1,2-Dichloroethane	0.000		0	N.D.			
T Toluene	0.000		0	N.D.			
T Ethylbenzene	10.262	91.0	0		ng	md	1
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

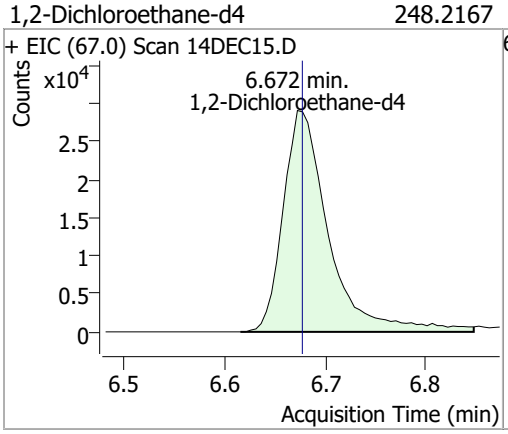
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	250.8381	6.30	0.03	242799	191.5	23.0	0.0	54.3

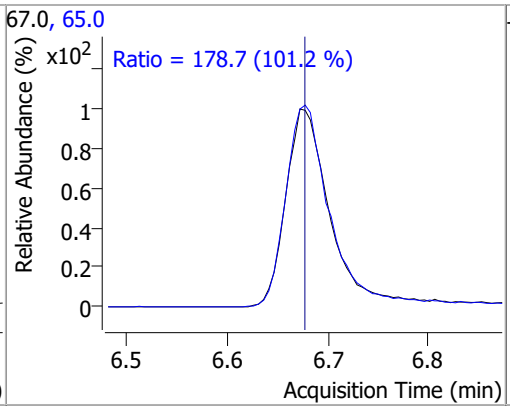


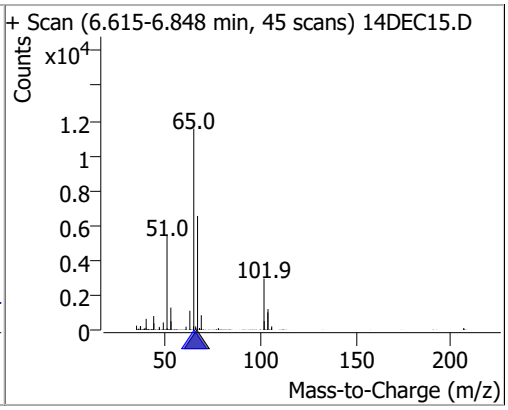




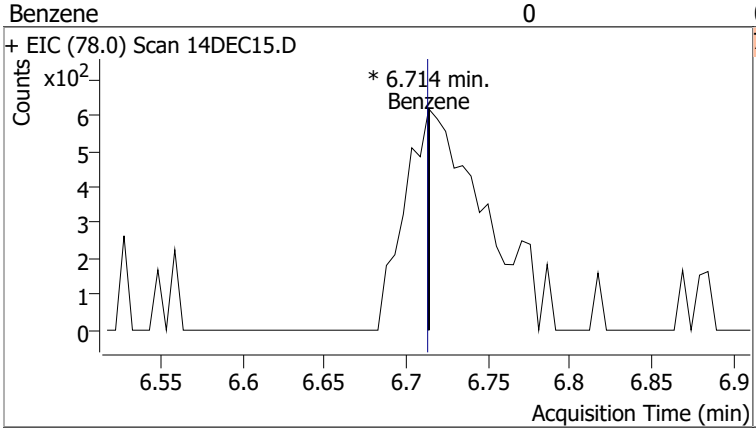
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	248.2167	6.67	0.03	92093	65.0	178.7	146.6	206.6

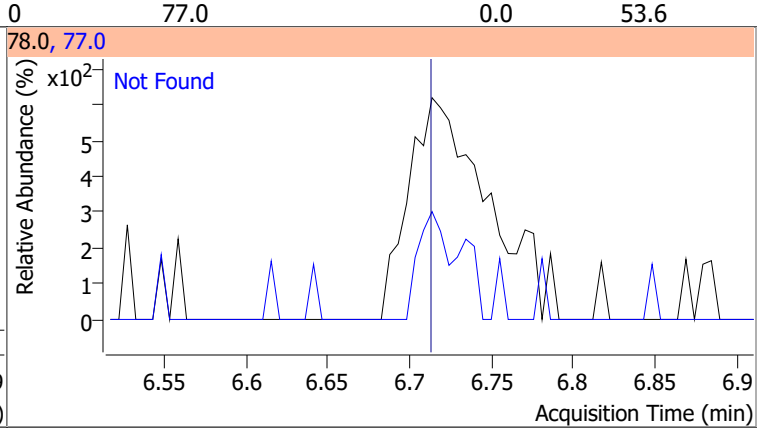




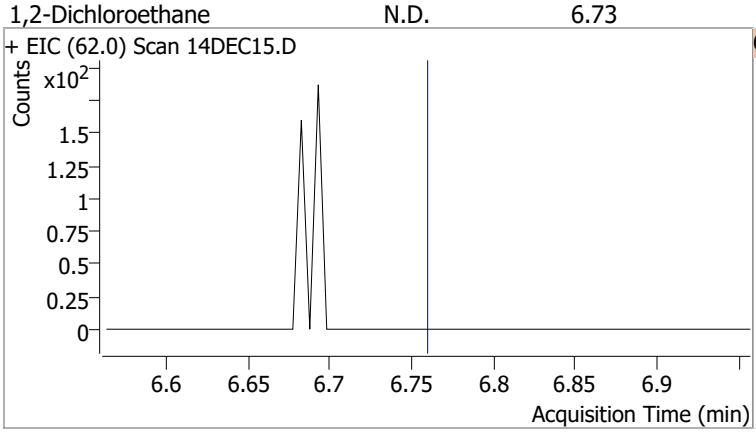


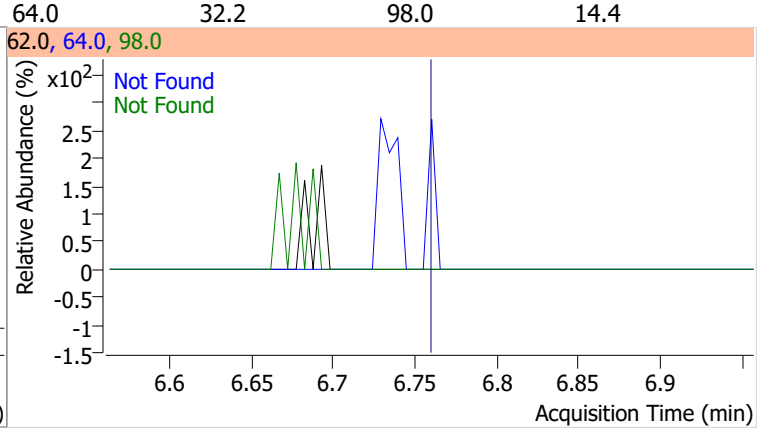
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene		0		0	77.0		0.0	53.6



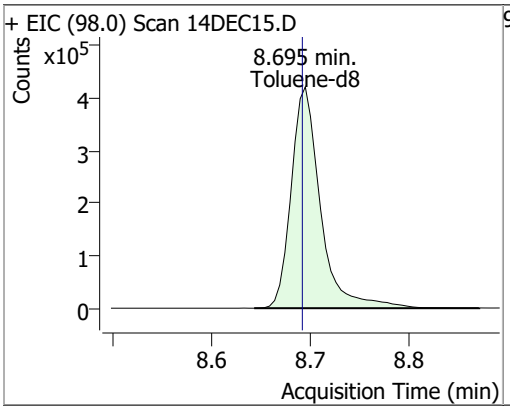


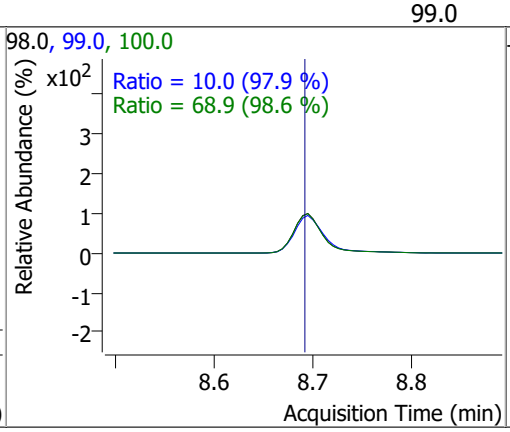
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

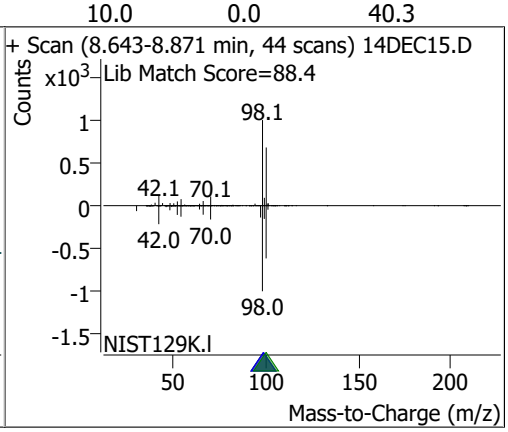




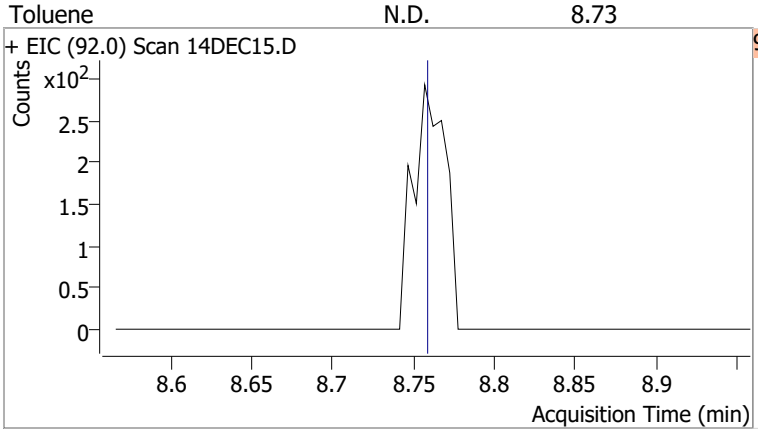
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	224.9723	8.69	0.03	869878	100.0	68.9	39.9	99.9
					99.0	10.0	0.0	40.3

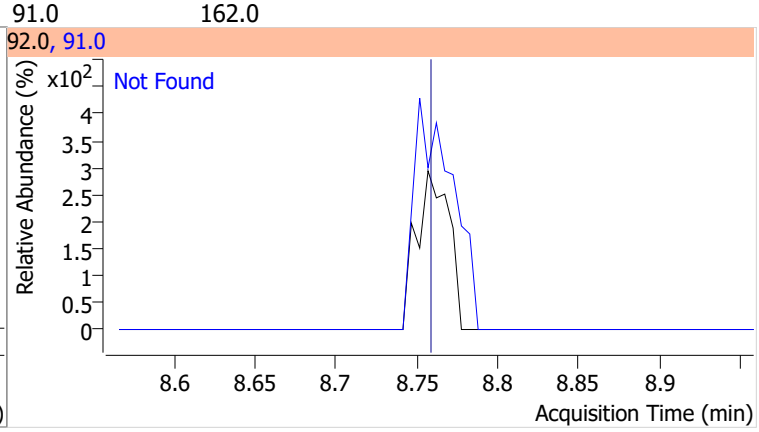




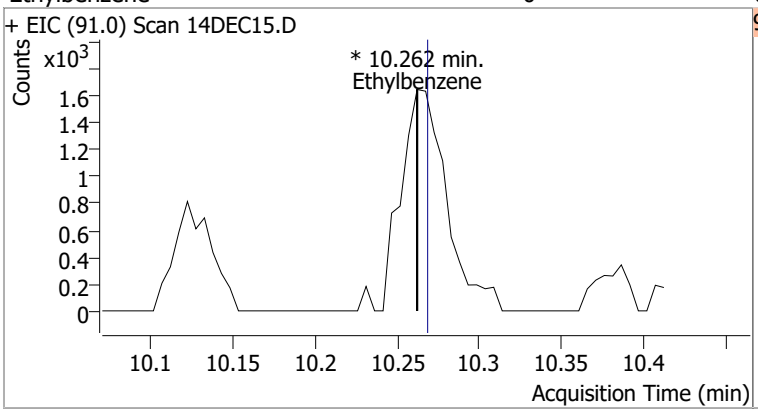


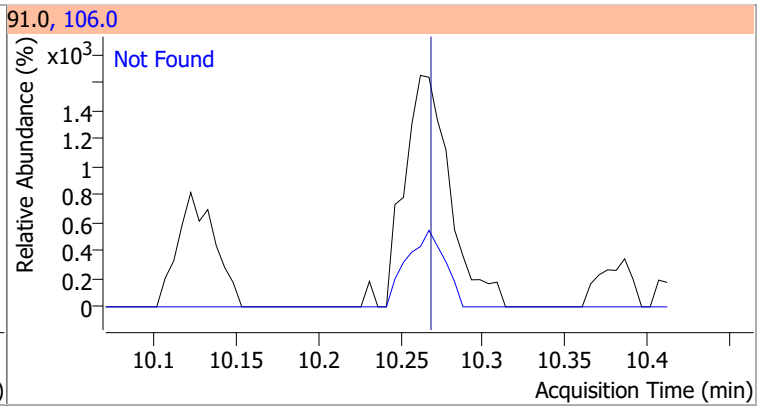
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



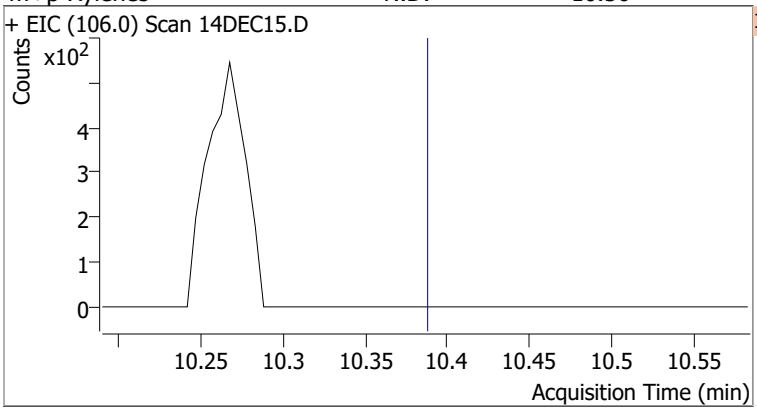


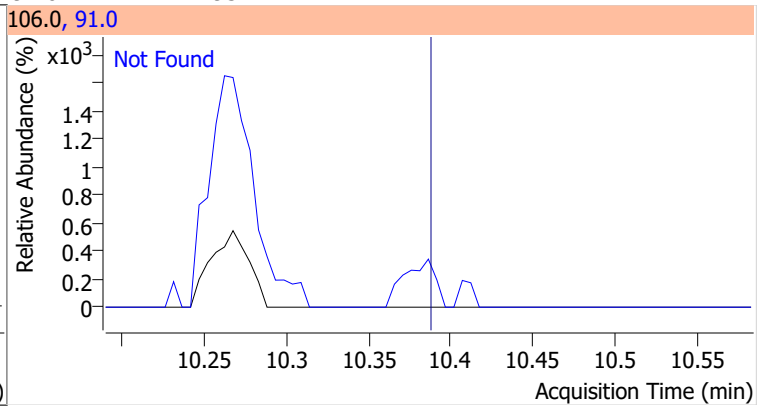
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene		0		0	106.0		0.4	60.4



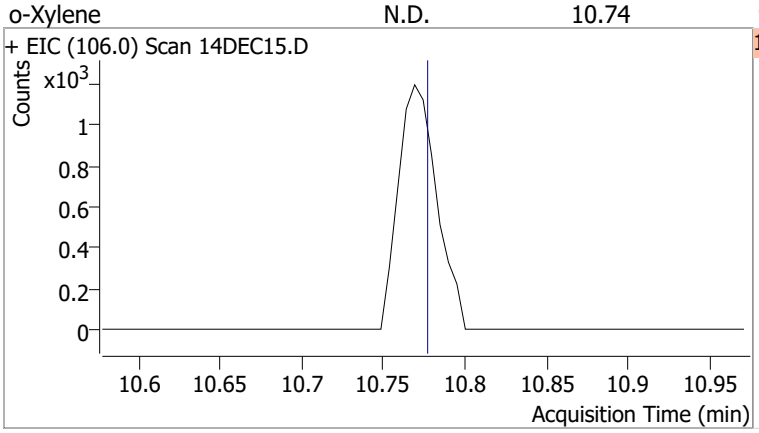


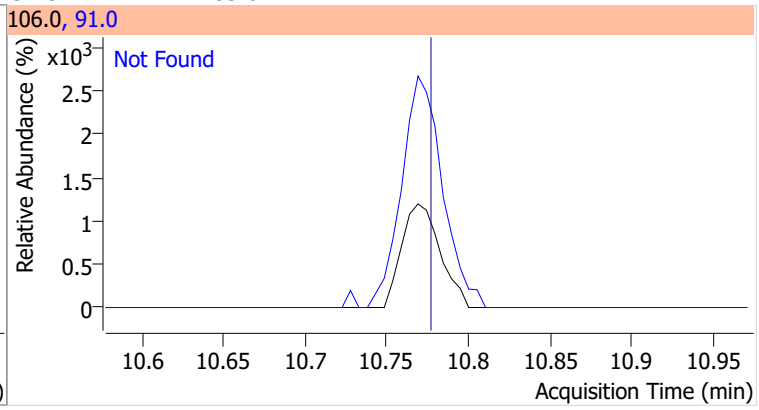
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



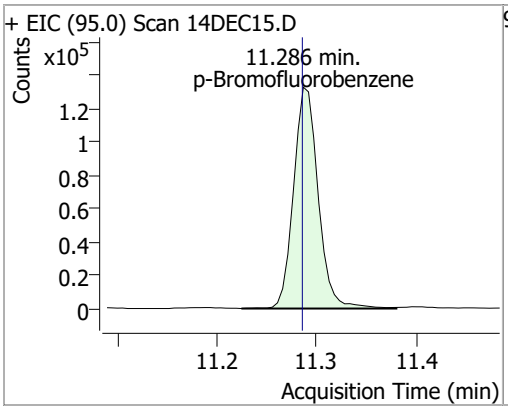


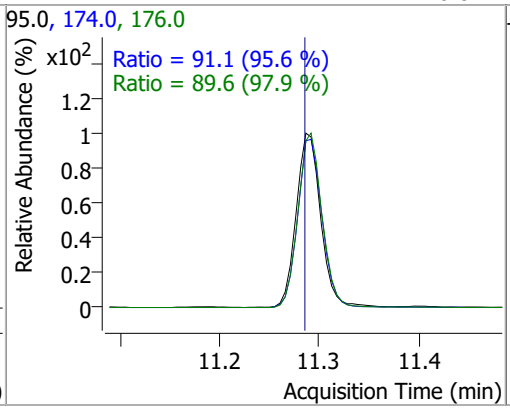
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

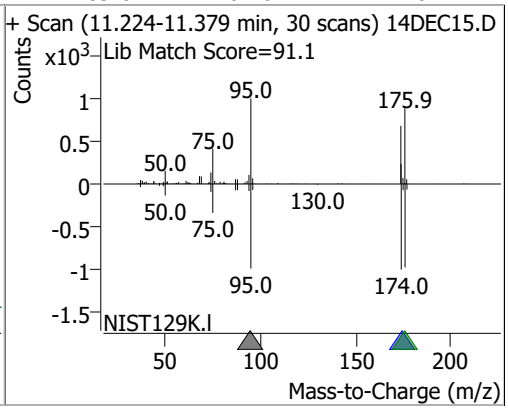




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	256.4120	11.29	0.03	227623	174.0	91.1	65.3	125.3
					176.0	89.6	61.6	121.6







Quantitation Results Report (QT Reviewed)

Data File	14DEC17.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 4:43:00 PM
Sample Name	B21121001-004A	Instrument	GC/MS Ins
Vial	17	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
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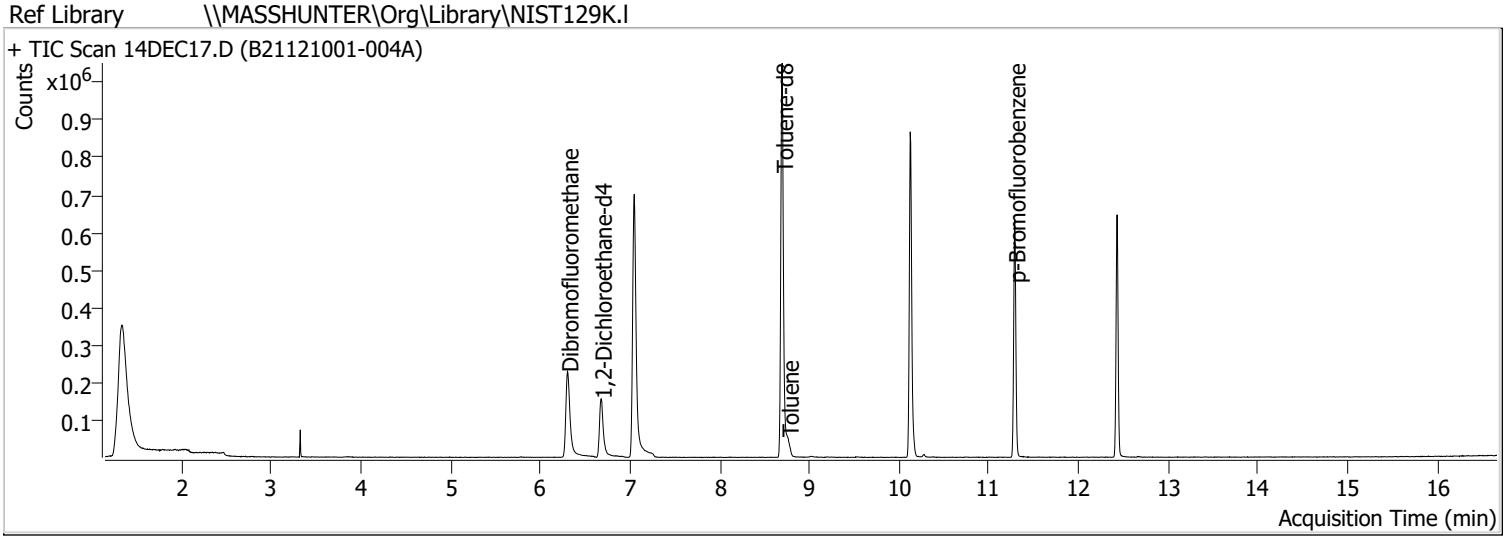
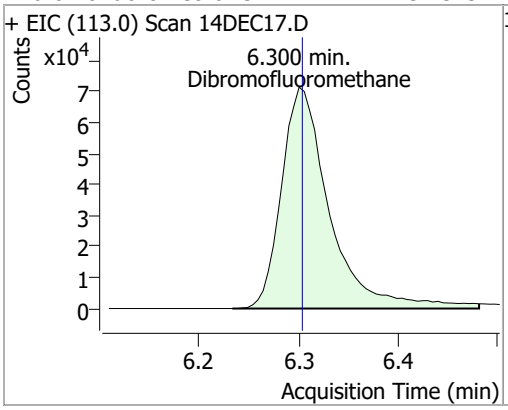
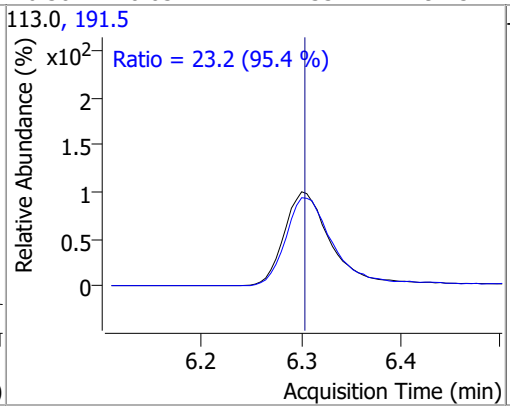


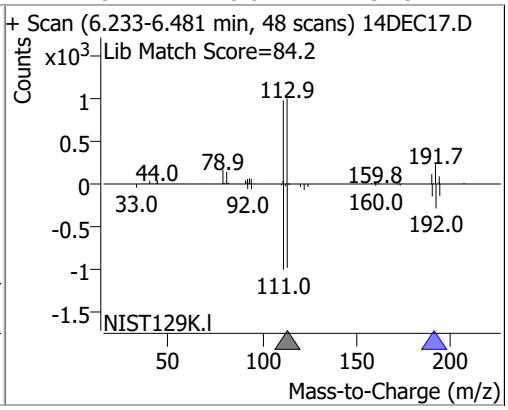
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.045	96.0	960848	250.0000	ng	0.031
M Chlorobenzene-d5	10.123	82.0	306467	250.0000	ng	0.026
M 1,4-Dichlorobenzene-d4	12.430	152.0	184243	250.0000	ng	0.026
System Monitoring Compounds						
S Dibromofluoromethane	6.300	113.0	241133	251.5494	ng	0.026
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.62%		
S 1,2-Dichloroethane-d4	6.673	67.0	89048	242.3531	ng	0.026
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 96.94%		
S Toluene-d8	8.695	98.0	863358	229.2743	ng	0.031
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 91.71%		
S p-Bromofluorobenzene	11.287	95.0	218930	256.2492	ng	0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.50%		
Target Compounds						**QValue**
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	8.757	92.0	6406	2.4721	ng	97
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

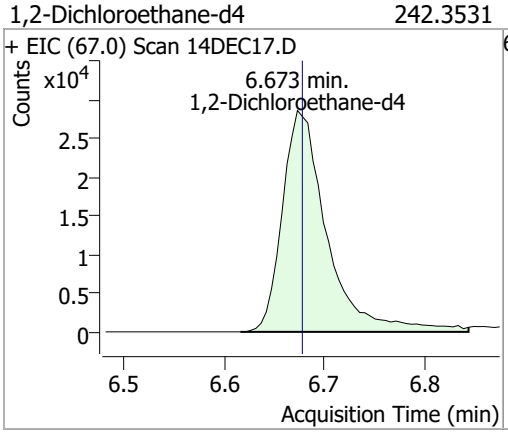
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	251.5494	6.30	0.03	241133	191.5	23.2	0.0	54.3

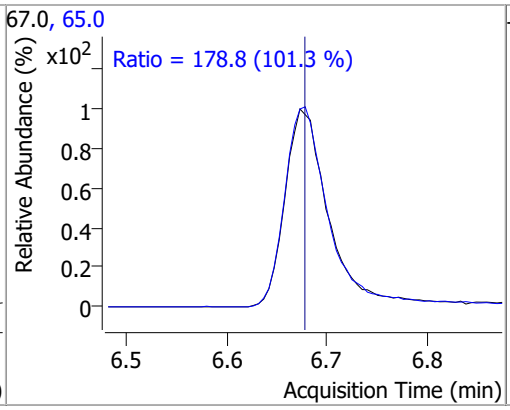


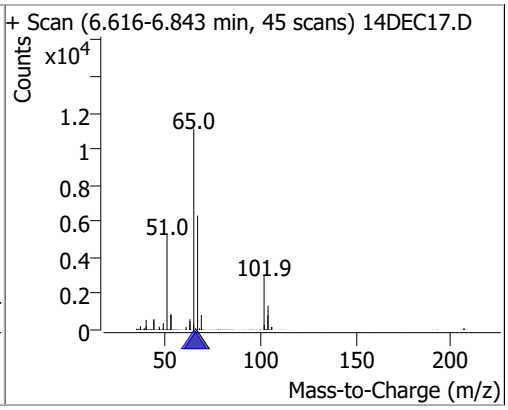




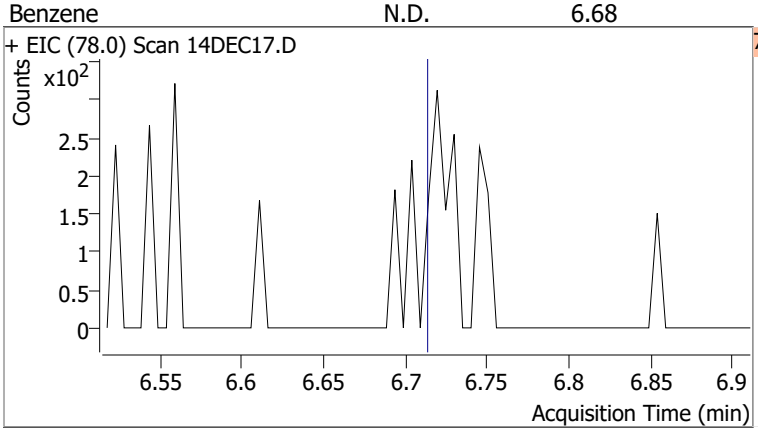
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	242.3531	6.67	0.03	89048	65.0	178.8	146.6	206.6

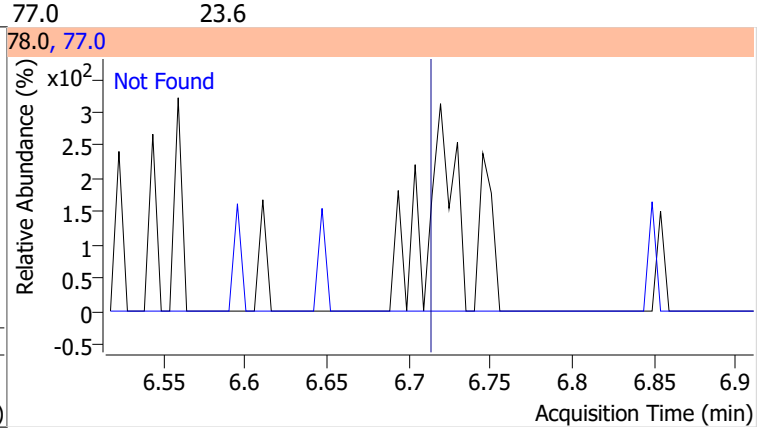




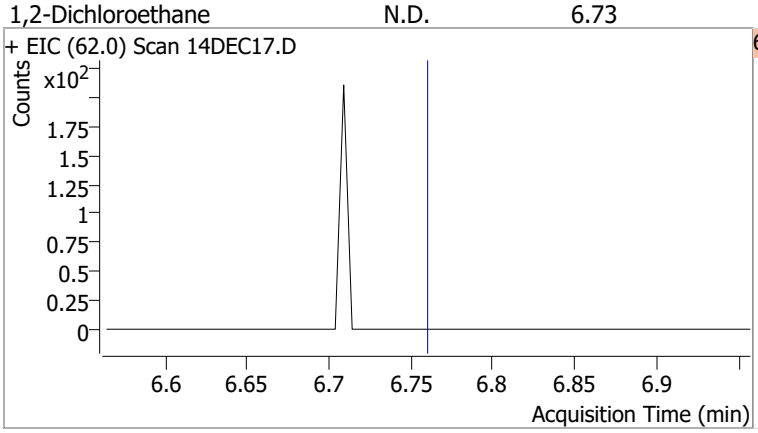


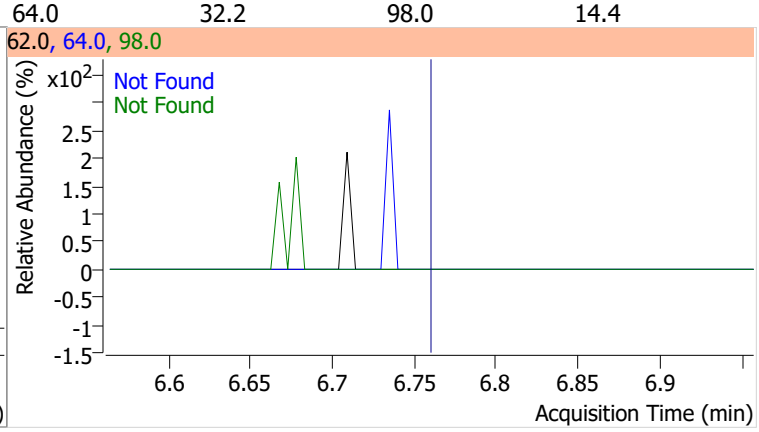
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



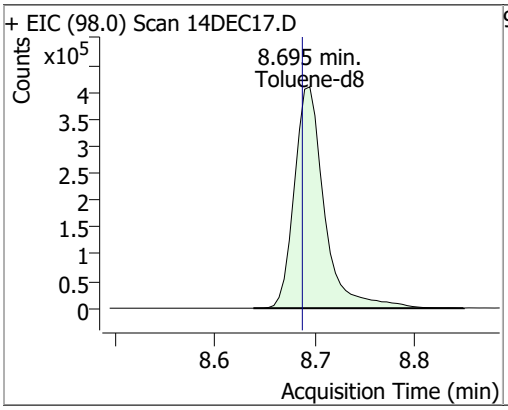


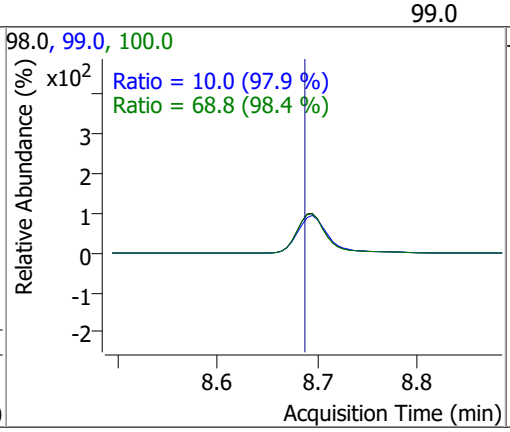
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

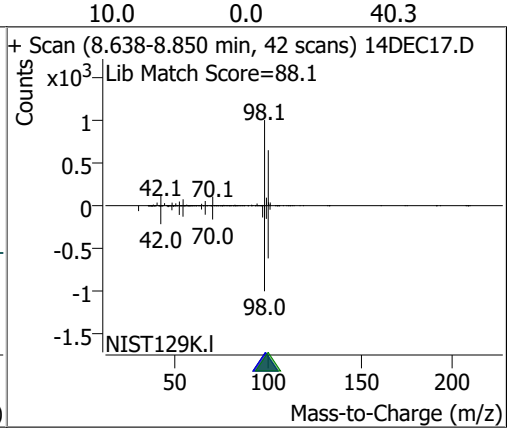




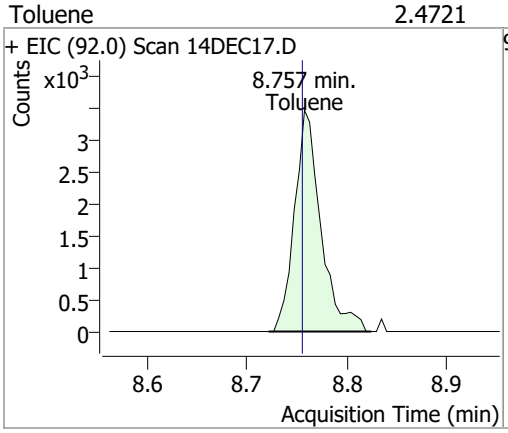
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	229.2743	8.70	0.03	863358	100.0	68.8	39.9	99.9
					99.0	10.0	0.0	40.3

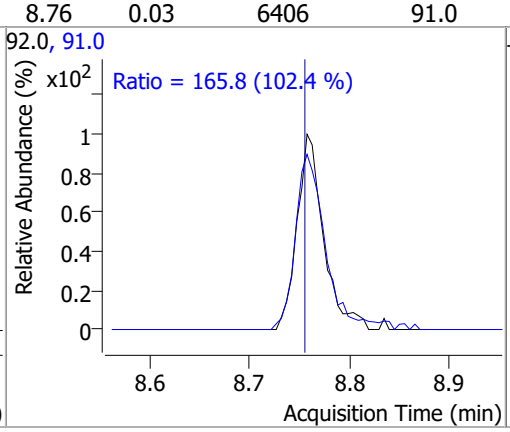


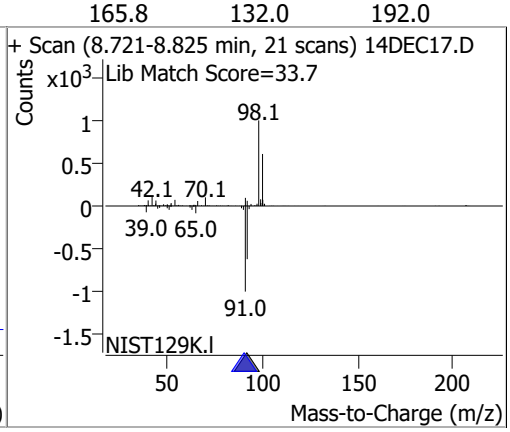




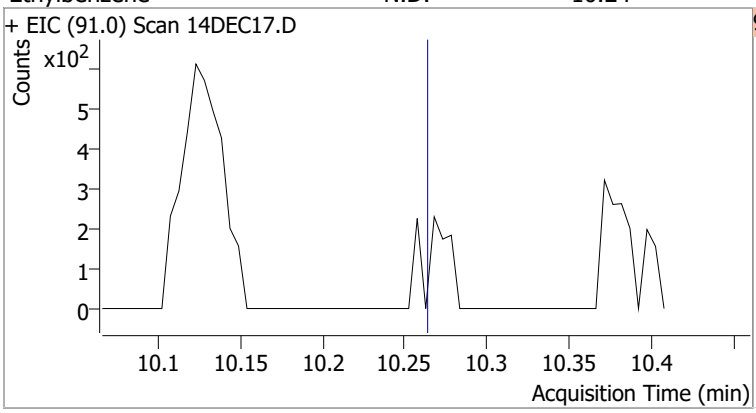
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.4721	8.76	0.03	6406	91.0	165.8	132.0	192.0

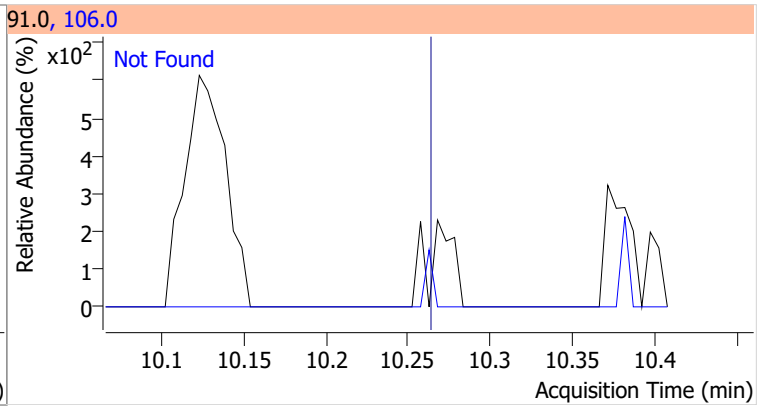




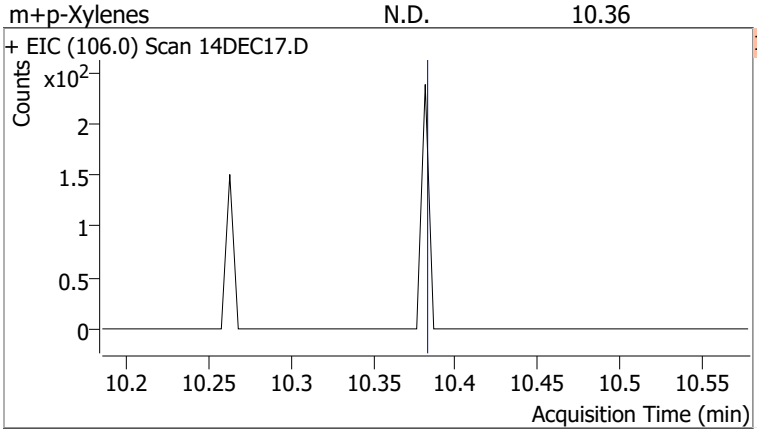


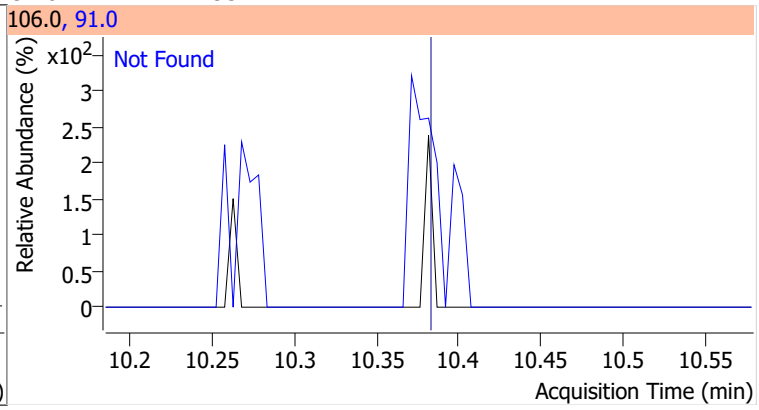
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



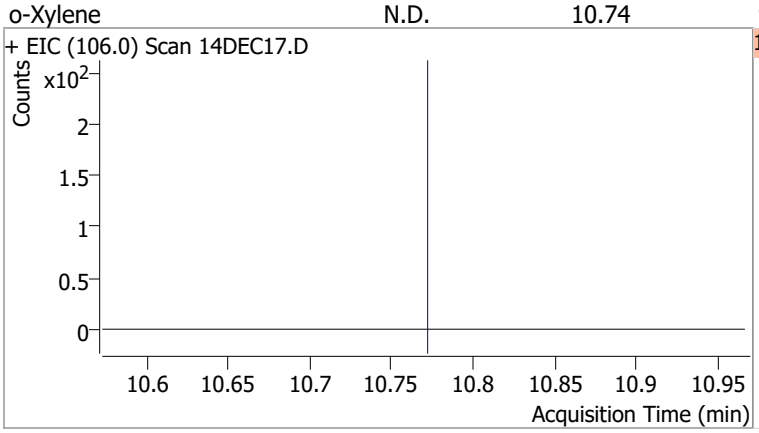


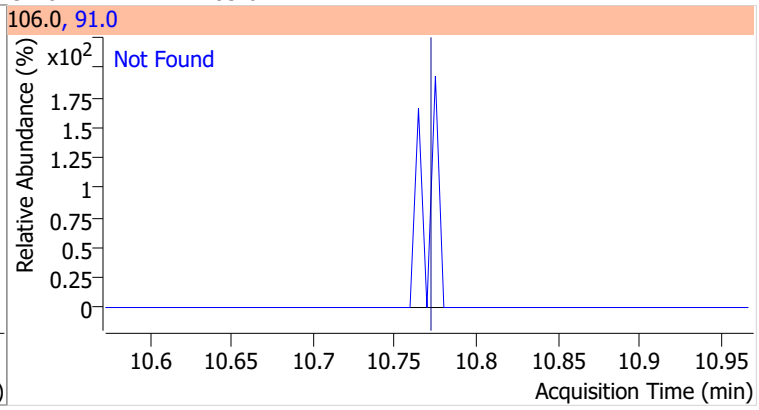
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



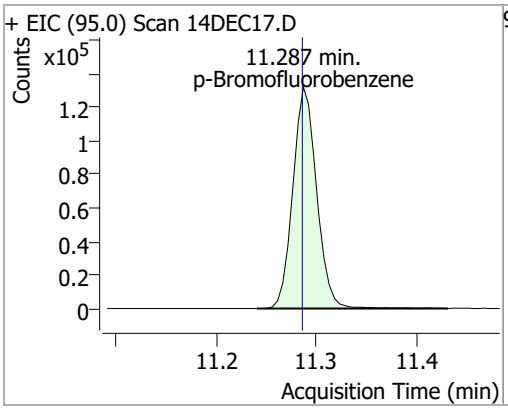


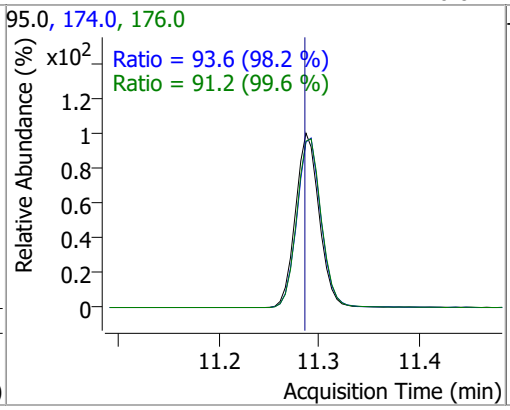
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

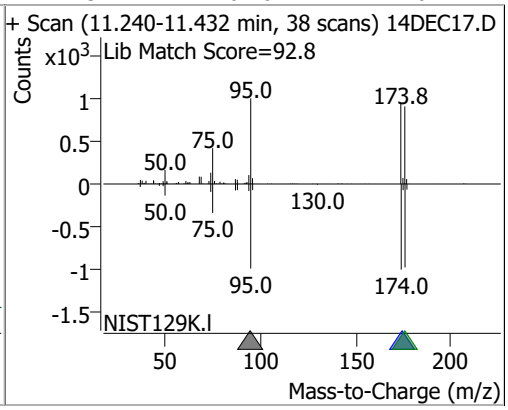




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	256.2492	11.29	0.03	218930	174.0	93.6	65.3	125.3
					176.0	91.2	61.6	121.6







Quantitation Results Report (QT Reviewed)

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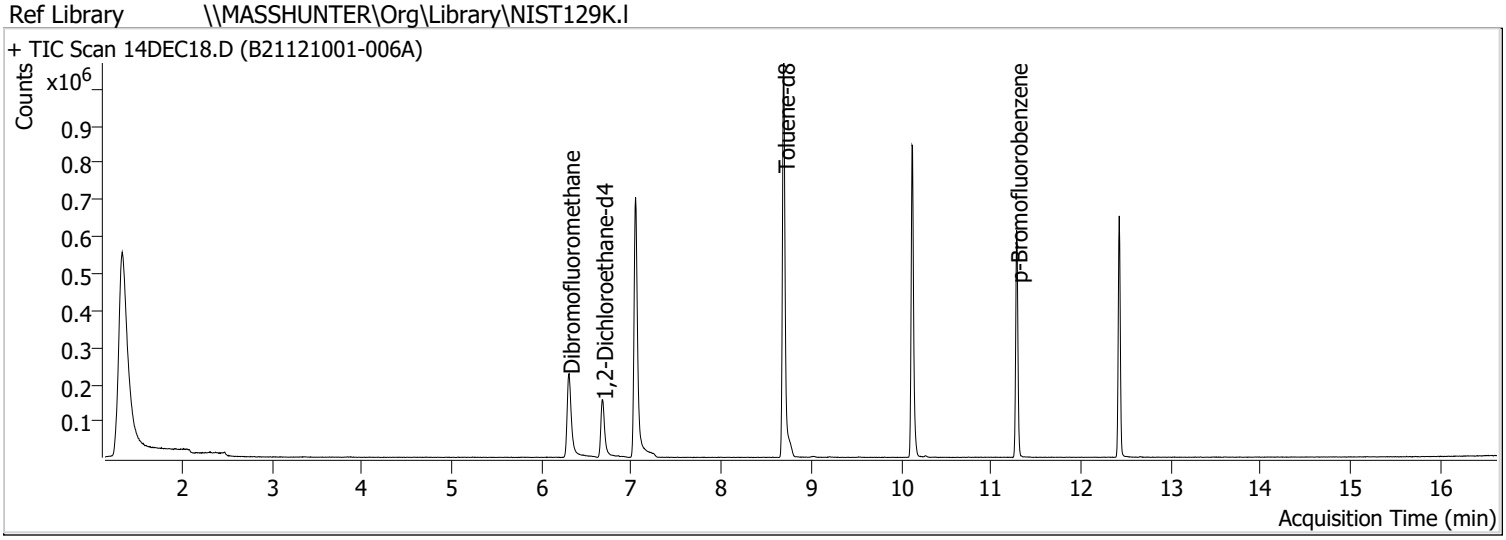
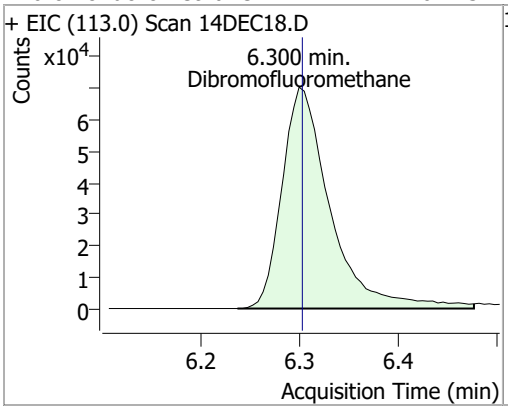
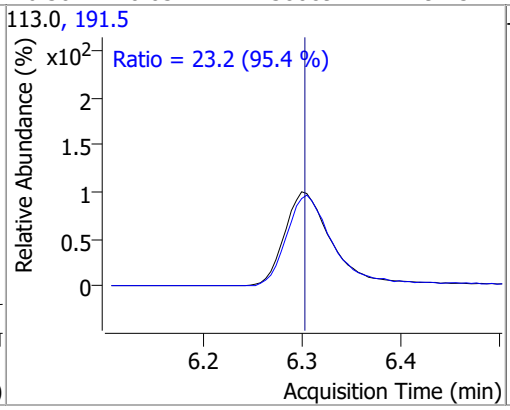


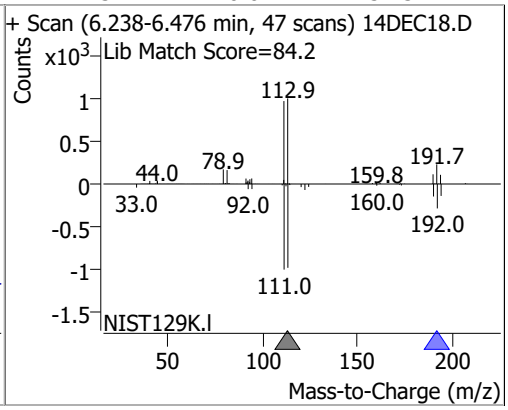
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.045	96.0	969673	250.0000	ng		0.031
M Chlorobenzene-d5	10.123	82.0	303293	250.0000	ng		0.026
M 1,4-Dichlorobenzene-d4	12.430	152.0	187418	250.0000	ng		0.026
System Monitoring Compounds							
S Dibromofluoromethane	6.300	113.0	238089	246.1134	ng		0.026
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.45%			
S 1,2-Dichloroethane-d4	6.672	67.0	89705	241.9192	ng		0.026
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 96.77%			
S Toluene-d8	8.695	98.0	869690	233.3728	ng		0.031
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.35%			
S p-Bromofluorobenzene	11.287	95.0	216985	249.6701	ng		0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 99.87%			
Target Compounds							**QValue**
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Toluene	8.762	92.0	0		ng	md	1
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

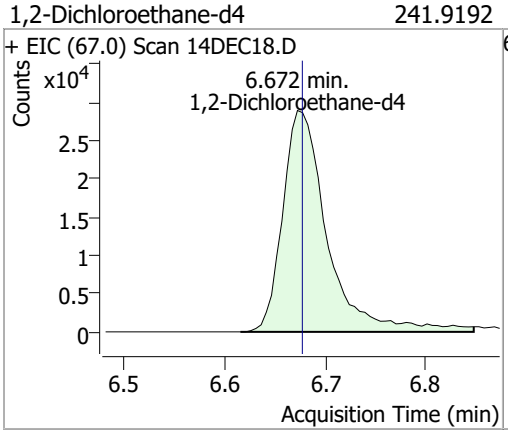
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	246.1134	6.30	0.03	238089	191.5	23.2	0.0	54.3

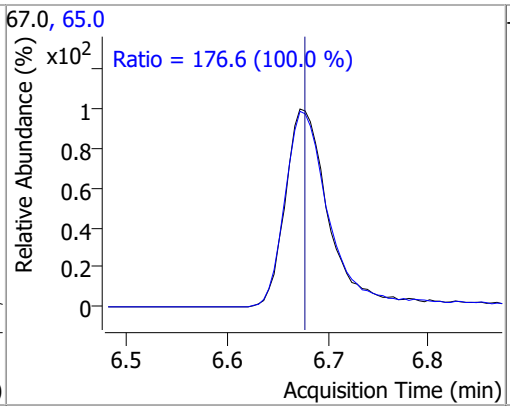


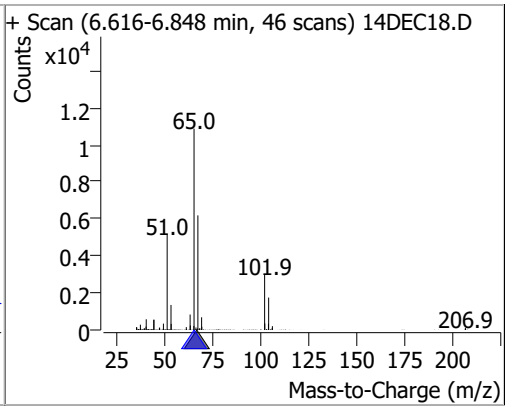




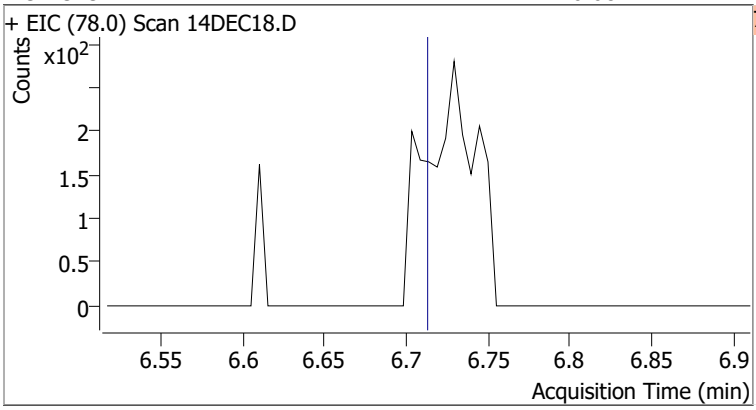
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	241.9192	6.67	0.03	89705	65.0	176.6	146.6	206.6

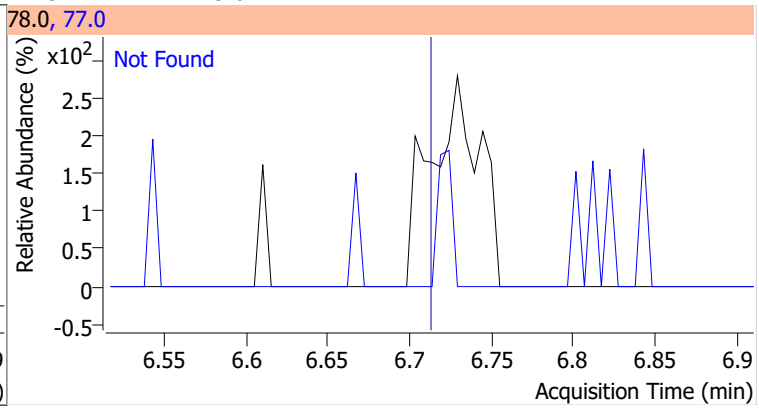




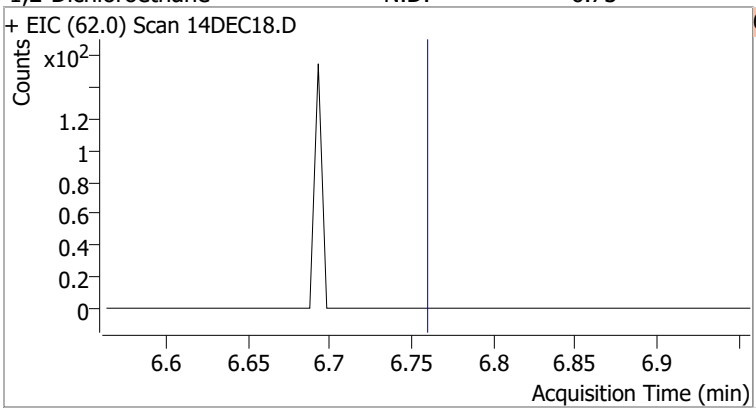


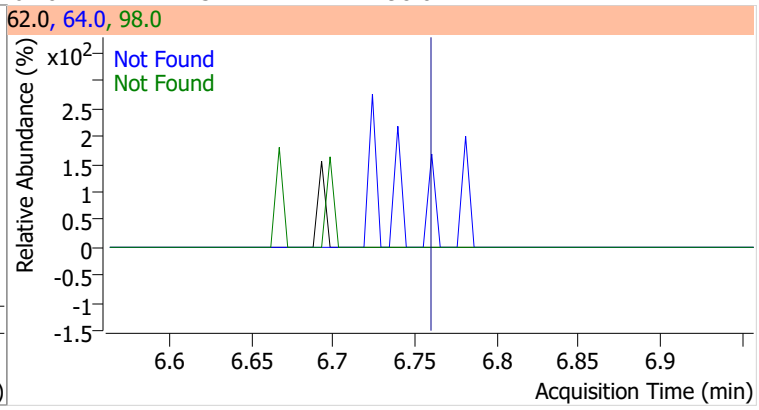
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



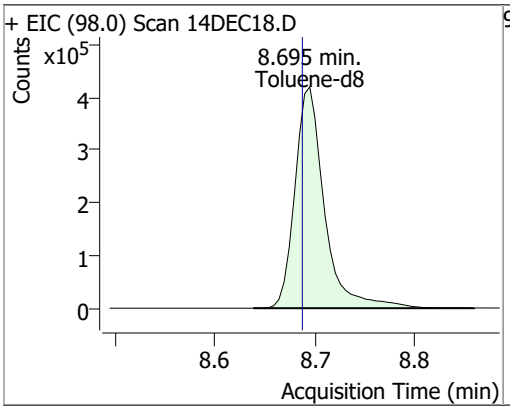


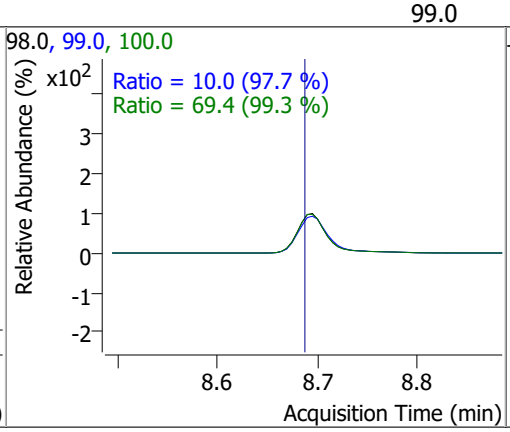
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

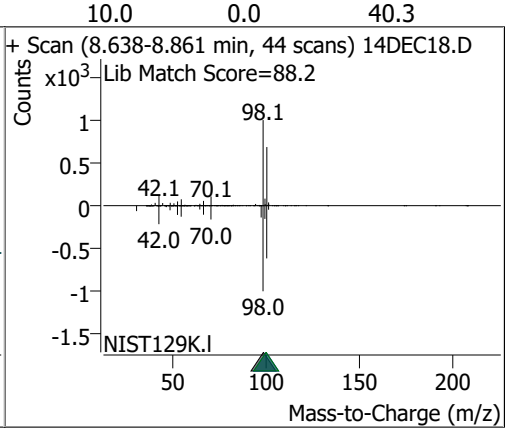




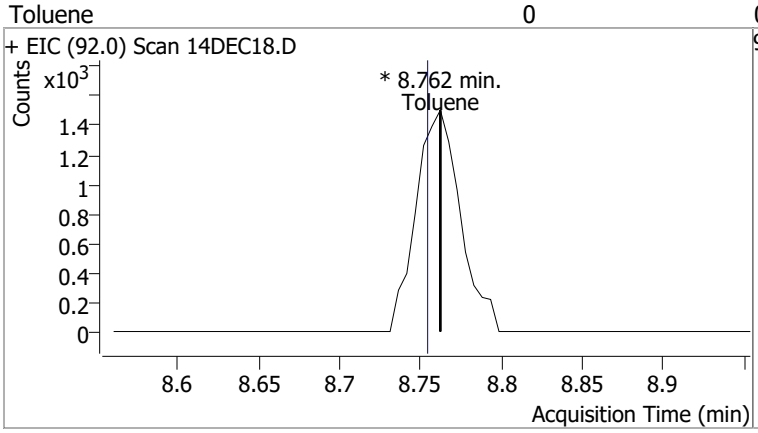
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	233.3728	8.70	0.03	869690	100.0	69.4	39.9	99.9
					99.0	10.0	0.0	40.3

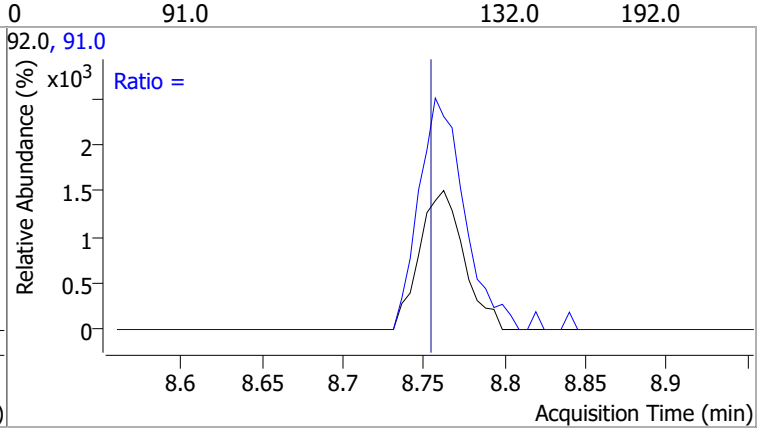




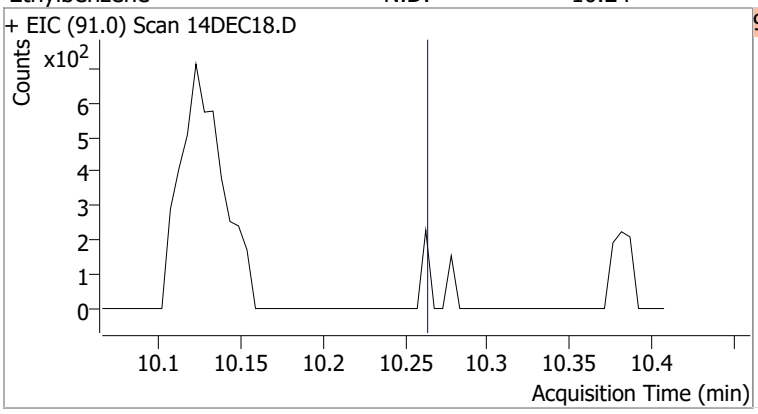


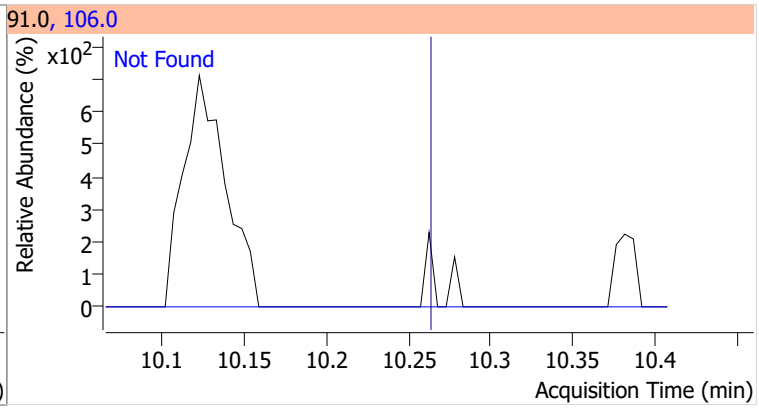
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		132.0	192.0



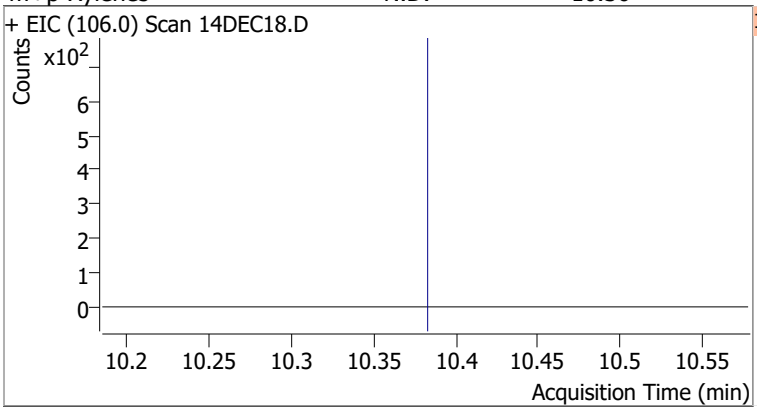


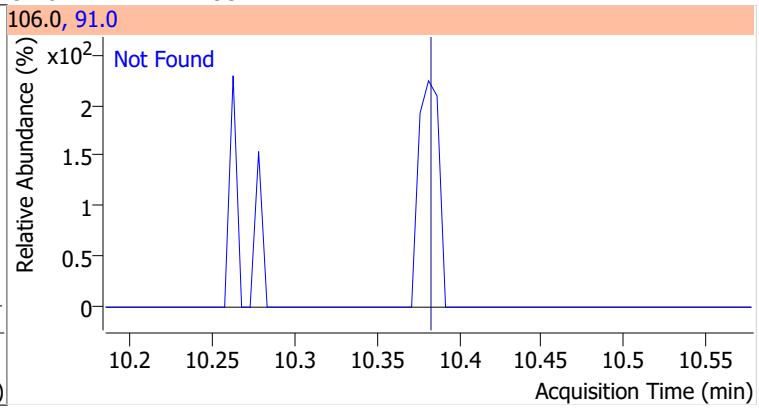
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



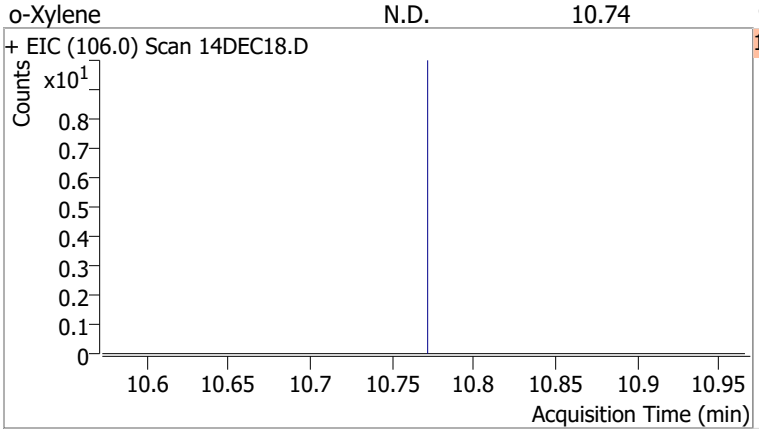


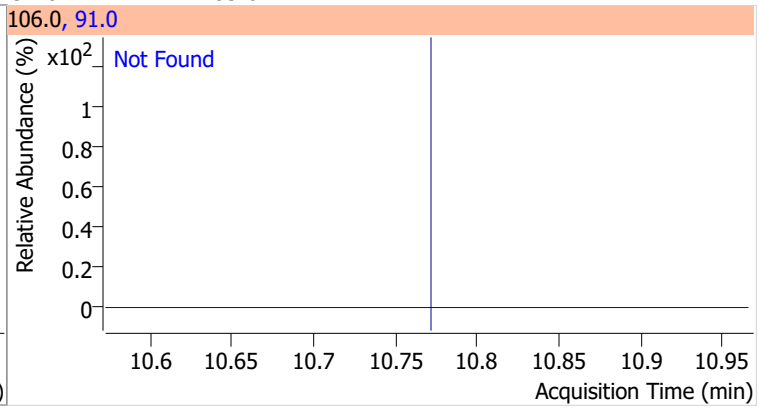
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



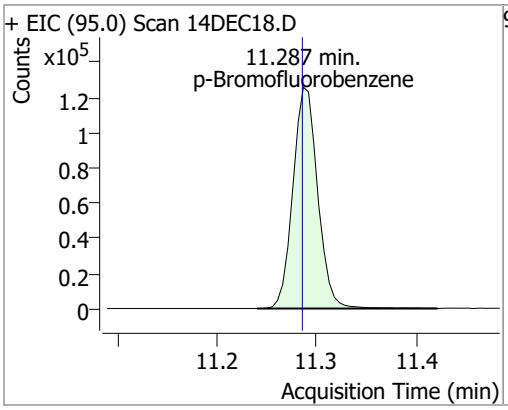


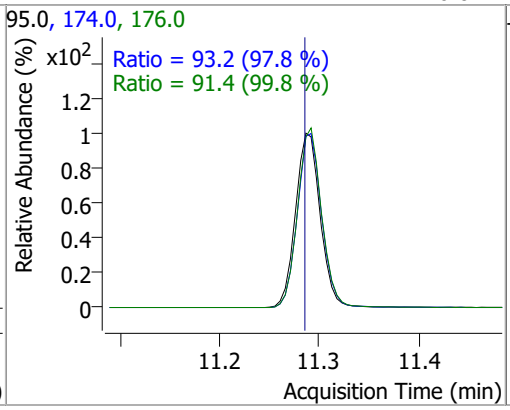
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

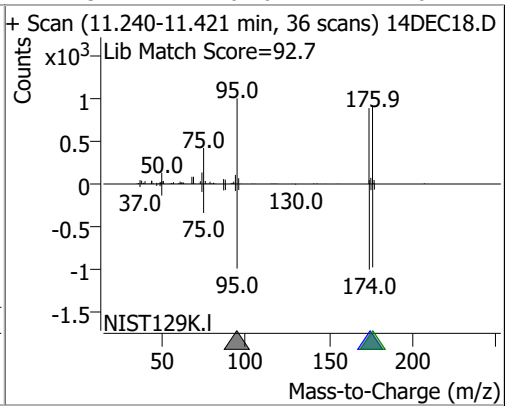




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	249.6701	11.29	0.03	216985	174.0	93.2	65.3	125.3
					176.0	91.4	61.6	121.6

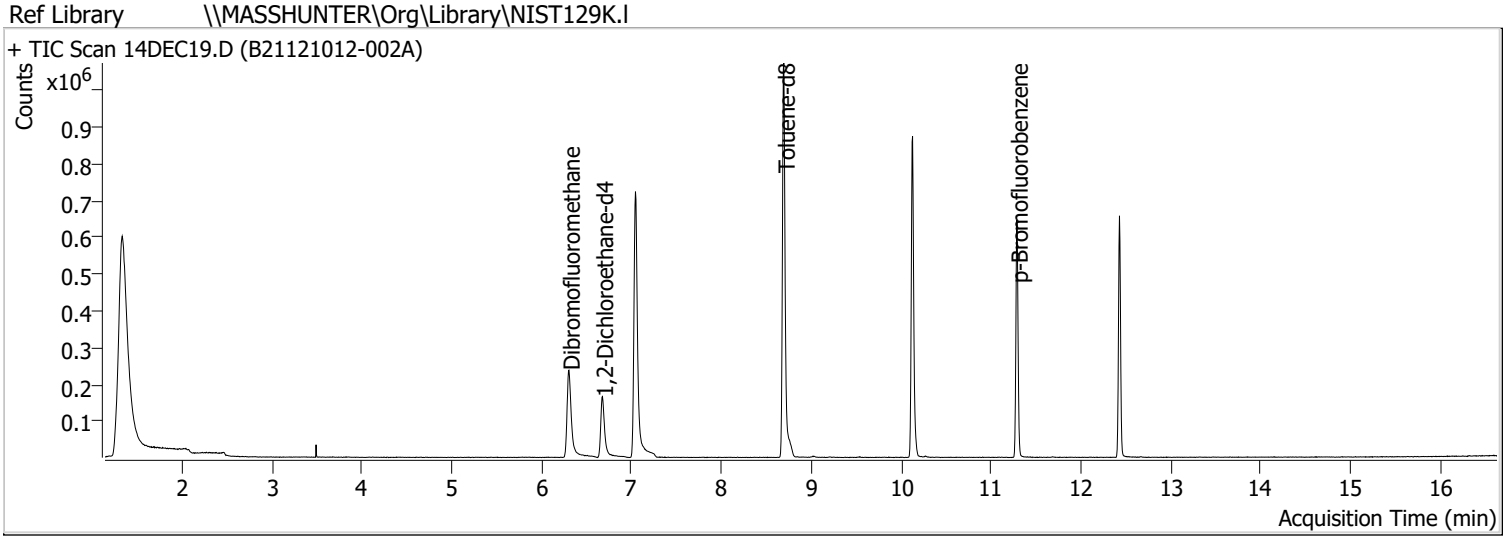






Quantitation Results Report (QT Reviewed)

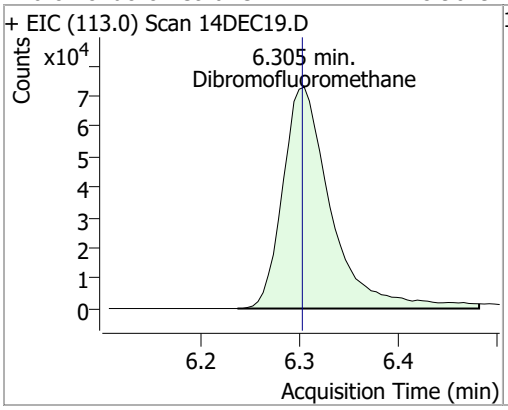
Data File	14DEC19.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 5:34:00 PM
Sample Name	B21121012-002A	Instrument	GC/MS Ins
Vial	19	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

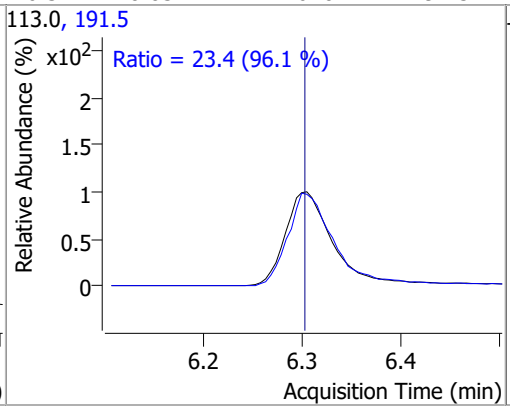


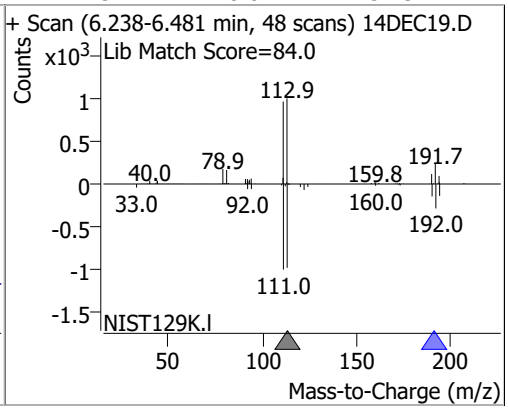
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.045	96.0	997149	250.0000	ng		0.031
M Chlorobenzene-d5	10.128	82.0	312405	250.0000	ng		0.031
M 1,4-Dichlorobenzene-d4	12.430	152.0	188110	250.0000	ng		0.026
System Monitoring Compounds							
S Dibromofluoromethane	6.305	113.0	247670	248.9629	ng		0.031
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.59%			
S 1,2-Dichloroethane-d4	6.672	67.0	92674	243.0395	ng		0.026
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 97.22%			
S Toluene-d8	8.695	98.0	882223	229.8310	ng		0.031
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 91.93%			
S p-Bromofluorobenzene	11.287	95.0	223317	256.0107	ng		0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.40%			
Target Compounds							**QValue**
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Toluene	8.762	92.0	0		ng	md	1
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

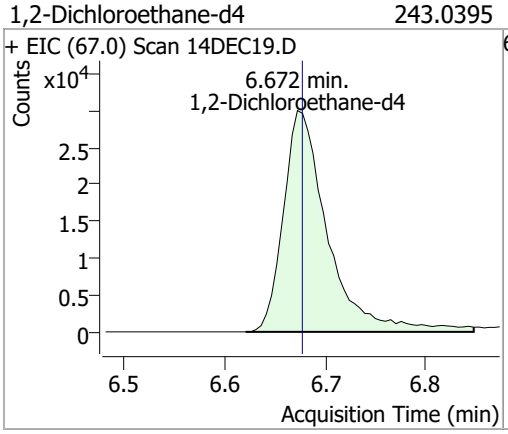
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	248.9629	6.31	0.03	247670	191.5	23.4	0.0	54.3

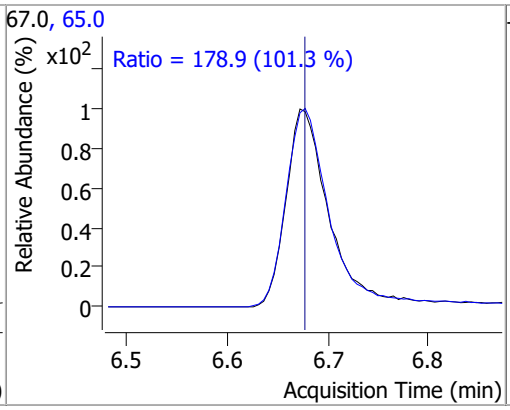


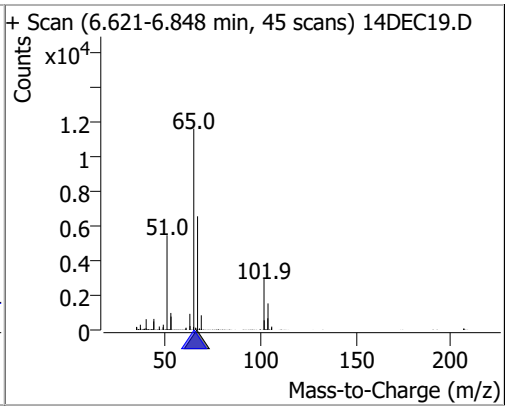




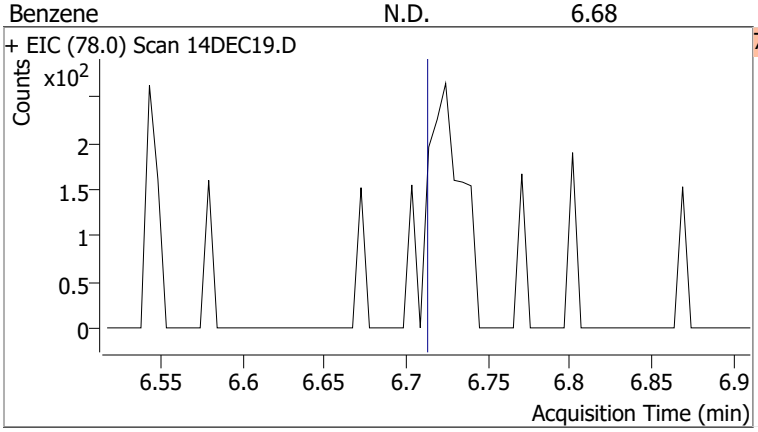
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	243.0395	6.67	0.03	92674	65.0	178.9	146.6	206.6

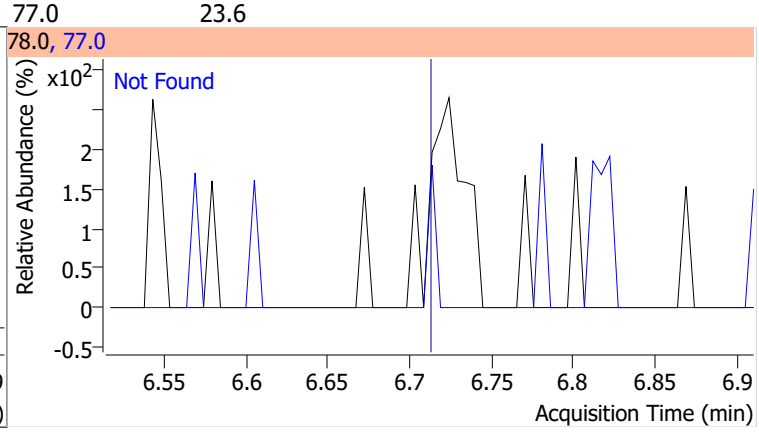




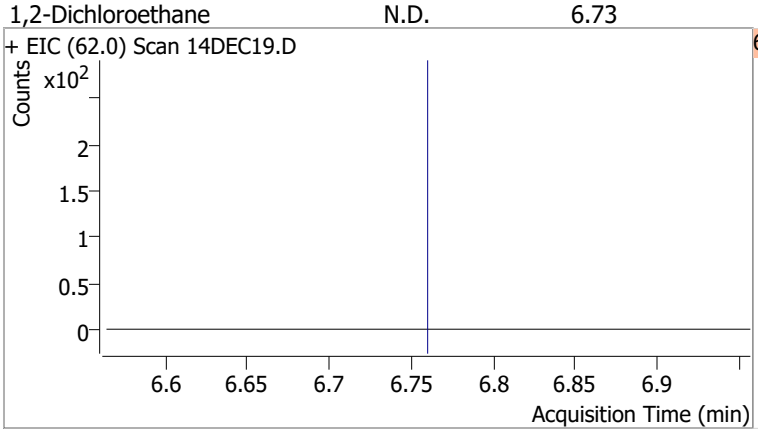


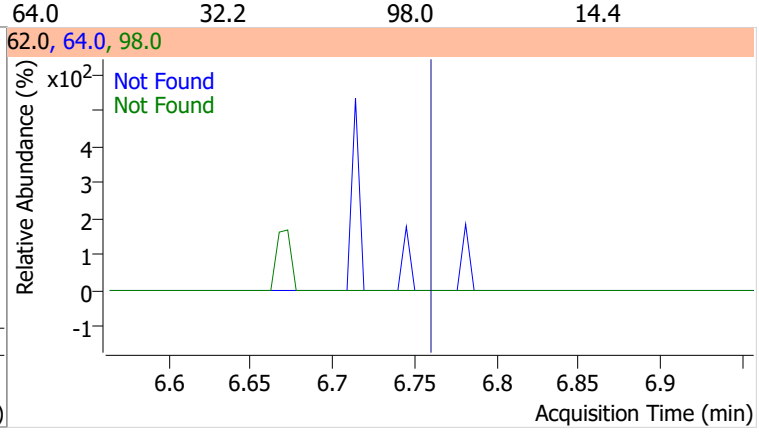
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



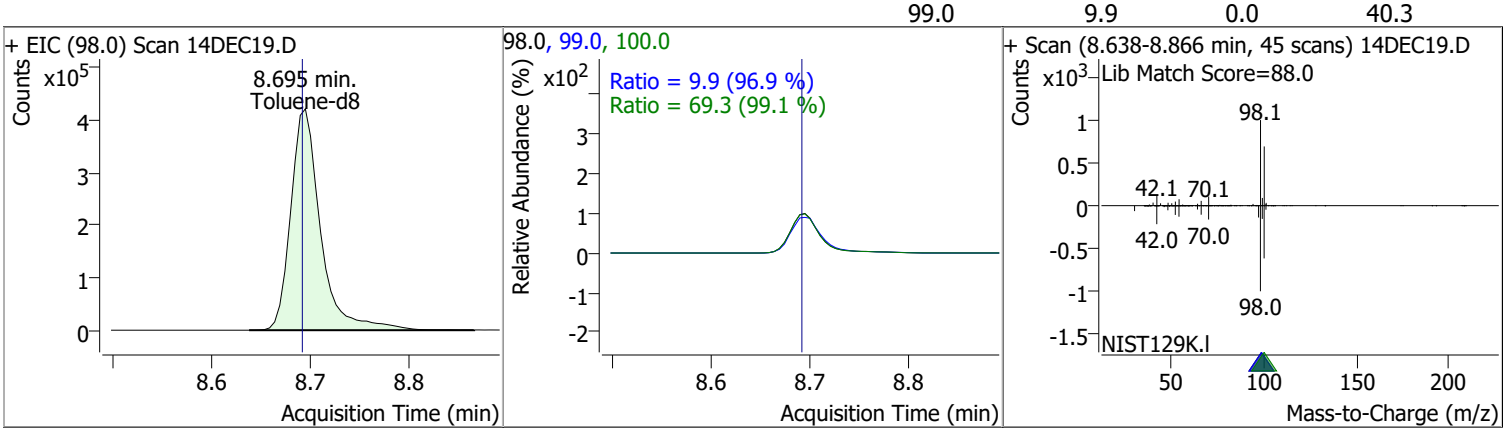


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

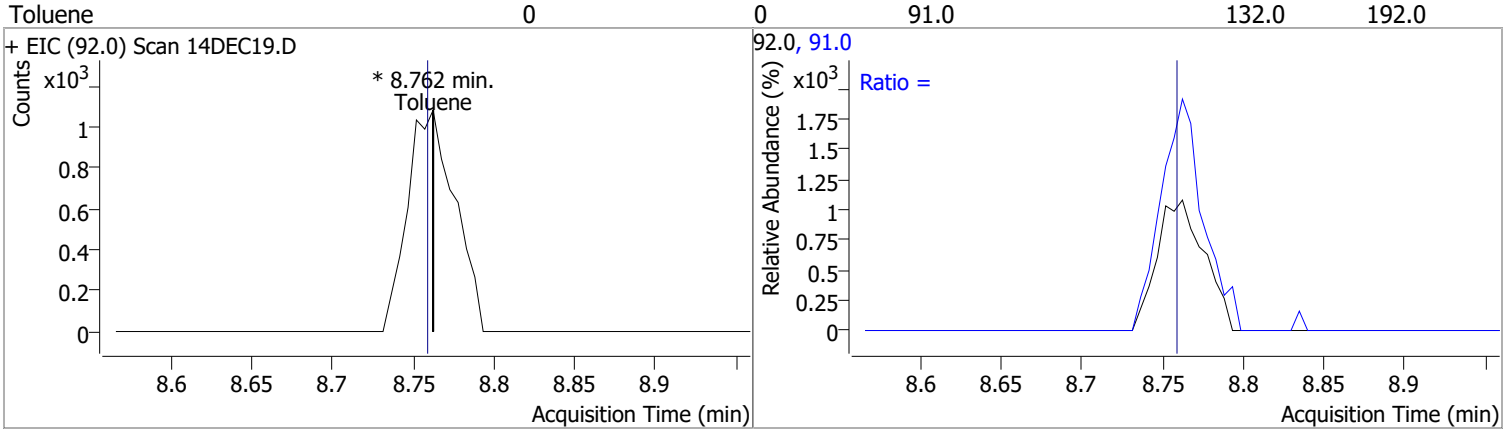




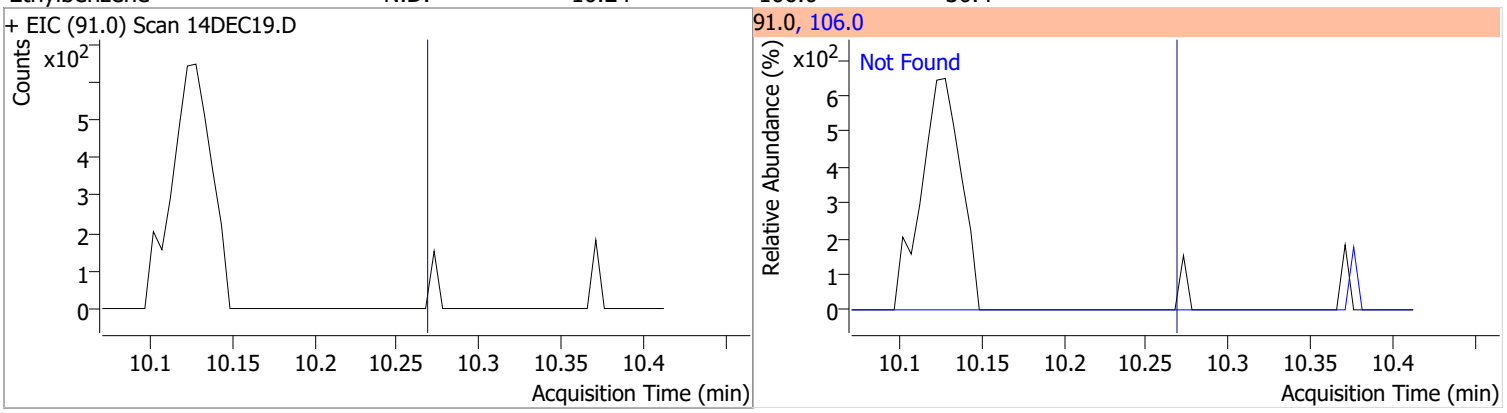
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	229.8310	8.70	0.03	882223	100.0	69.3	39.9	99.9
					99.0	9.9	0.0	40.3



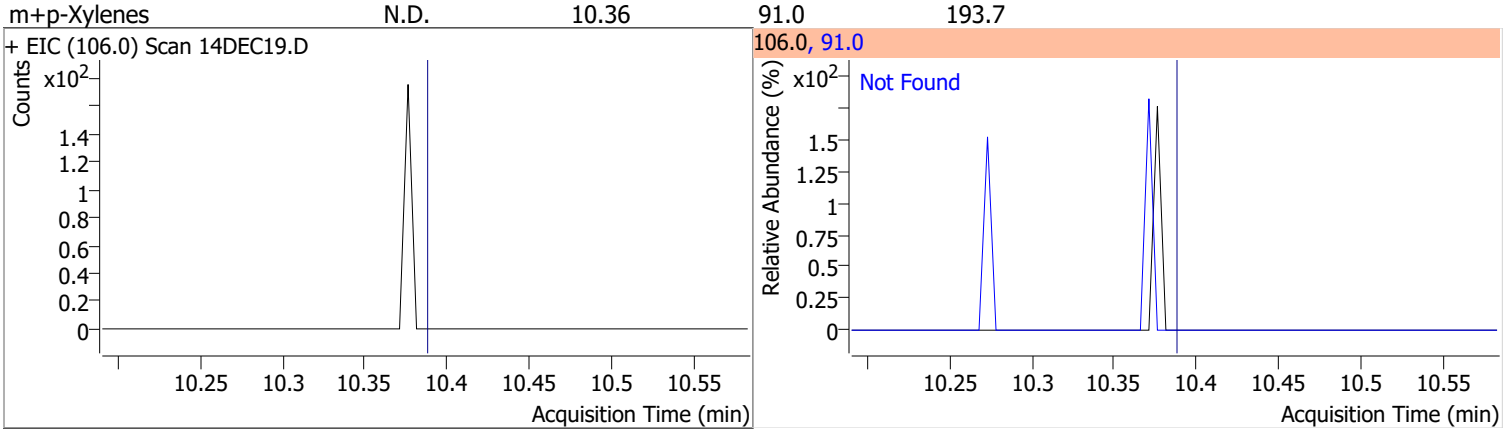
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		132.0	192.0



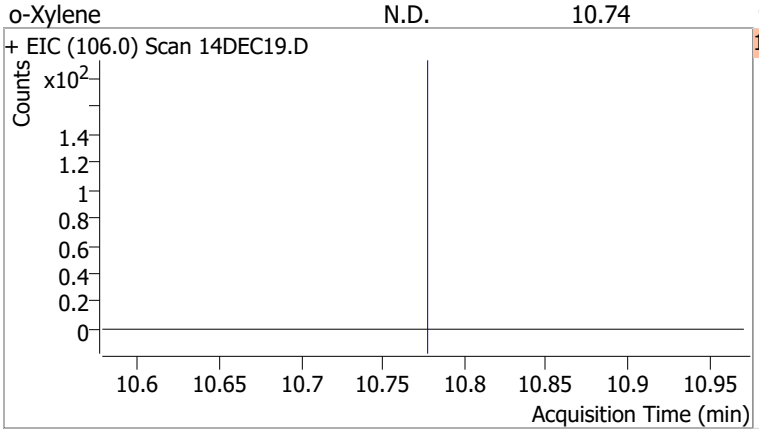
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4

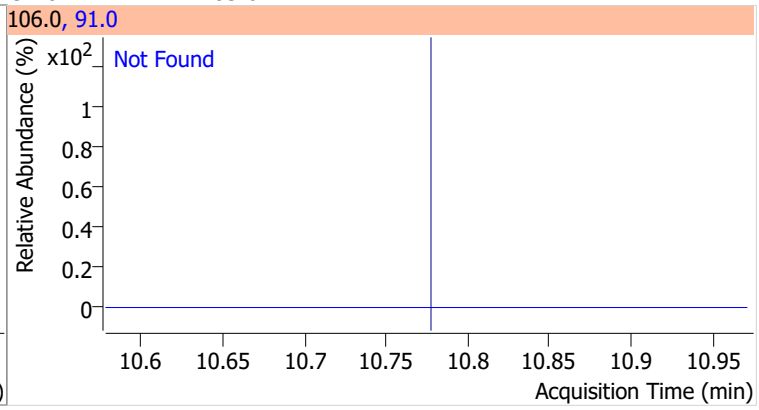


Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7

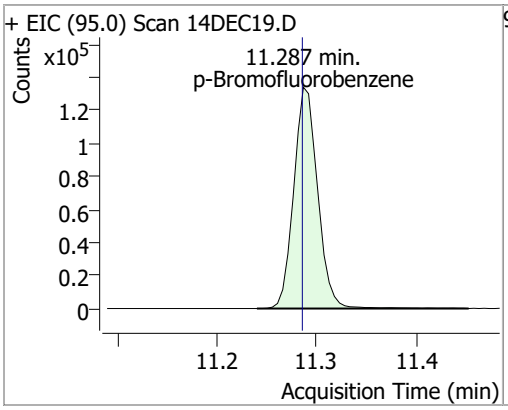


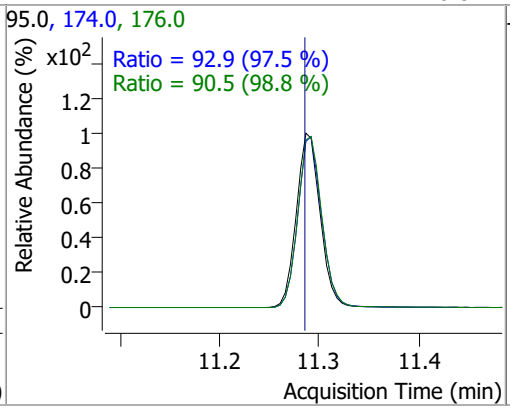
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

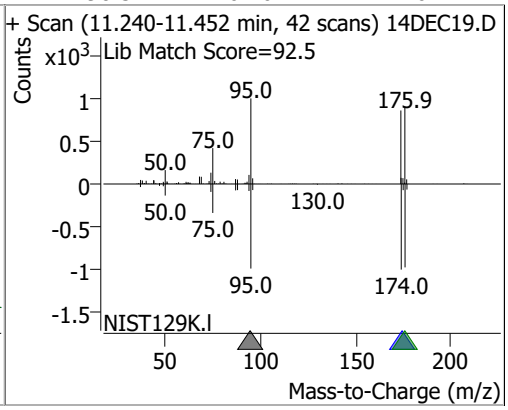




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	256.0107	11.29	0.03	223317	174.0	92.9	65.3	125.3
					176.0	90.5	61.6	121.6

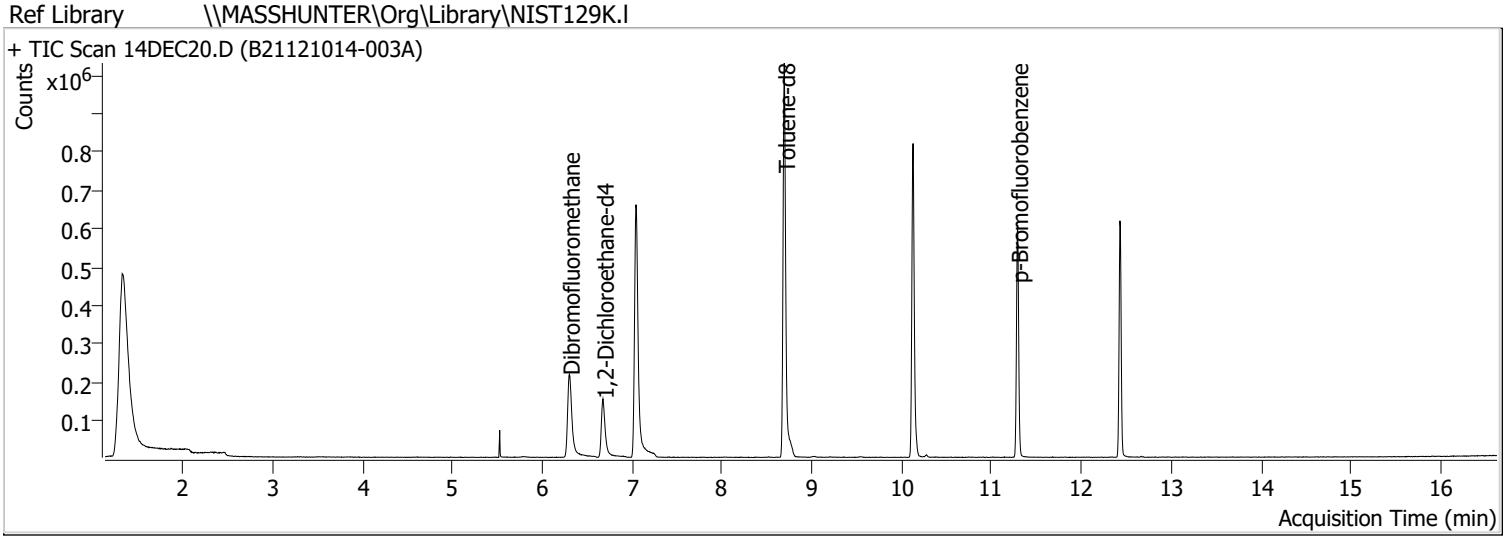






Quantitation Results Report (QT Reviewed)

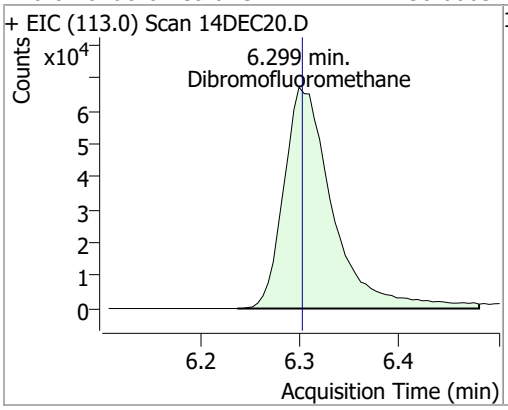
Data File	14DEC20.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 5:59:00 PM
Sample Name	B21121014-003A	Instrument	GC/MS Ins
Vial	20	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

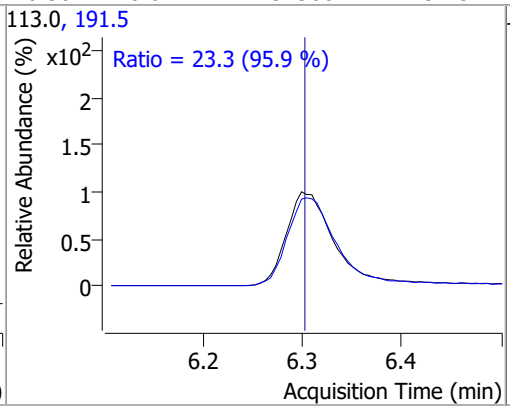


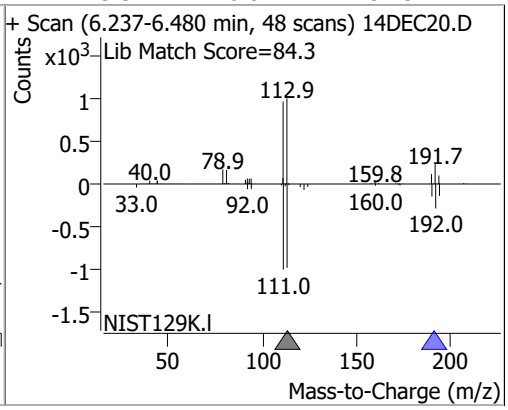
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.044	96.0	925185	250.0000	ng		0.030
M Chlorobenzene-d5	10.127	82.0	293225	250.0000	ng		0.030
M 1,4-Dichlorobenzene-d4	12.434	152.0	180428	250.0000	ng		0.030
System Monitoring Compounds							
S Dibromofluoromethane	6.299	113.0	231368	250.6663	ng		0.025
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.27%			
S 1,2-Dichloroethane-d4	6.677	67.0	85844	242.6389	ng		0.030
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 97.06%			
S Toluene-d8	8.694	98.0	827697	229.7305	ng		0.030
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 91.89%			
S p-Bromofluorobenzene	11.286	95.0	211979	253.3594	ng		0.025
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 101.34%			
Target Compounds							**QValue**
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Toluene	8.756	92.0	0		ng	md	1
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

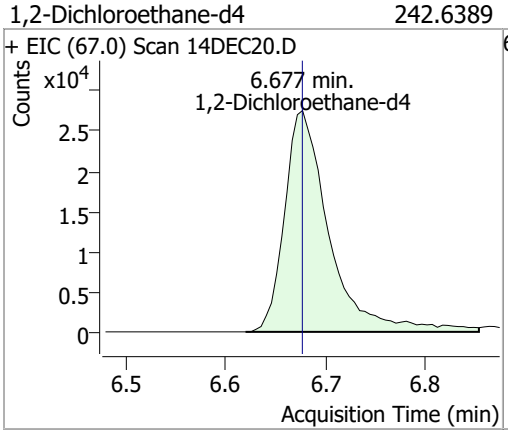
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	250.6663	6.30	0.02	231368	191.5	23.3	0.0	54.3

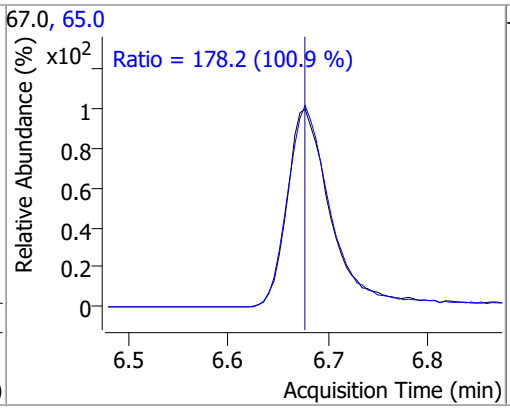


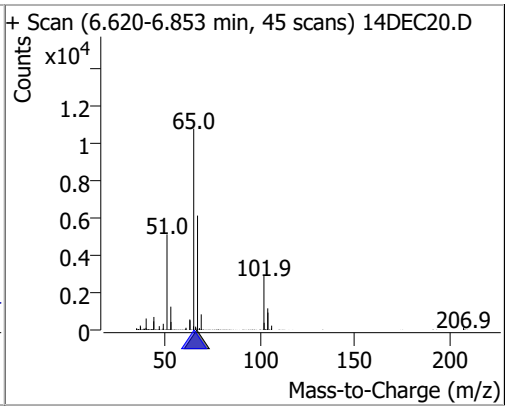




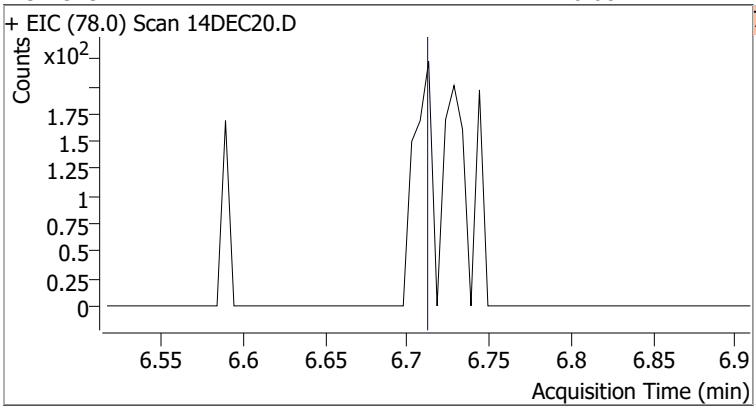
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	242.6389	6.68	0.03	85844	65.0	178.2	146.6	206.6

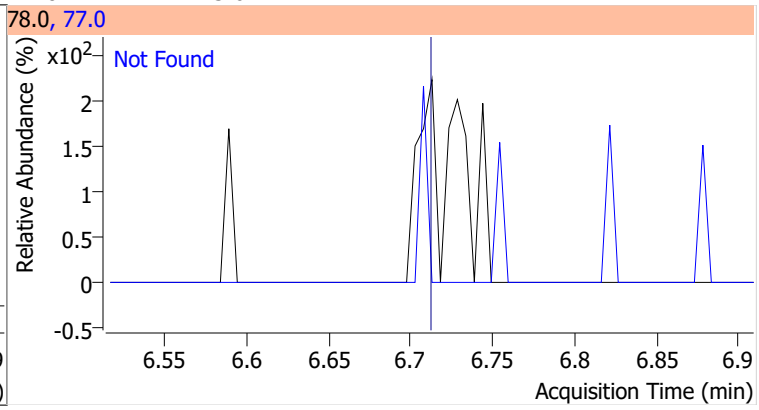




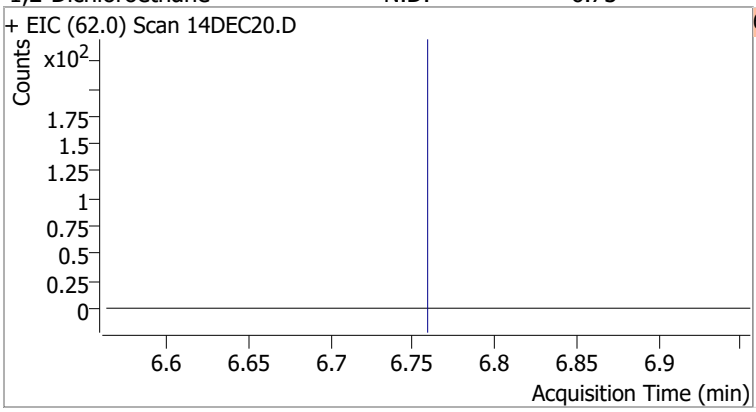


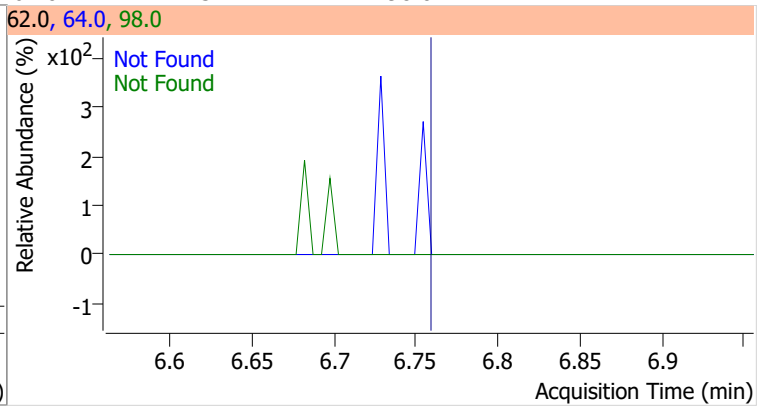
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



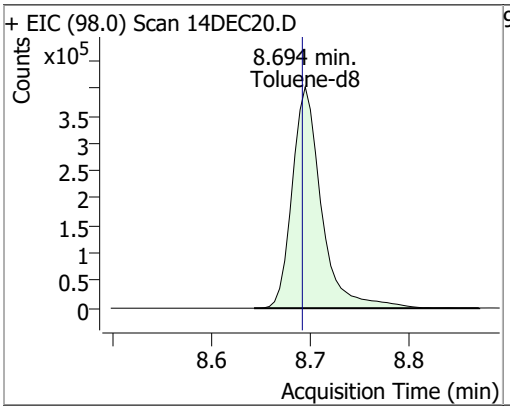


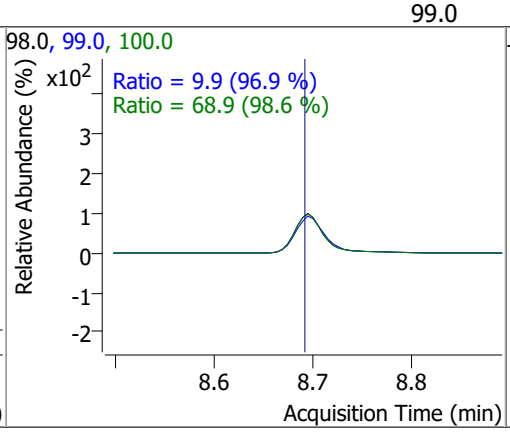
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

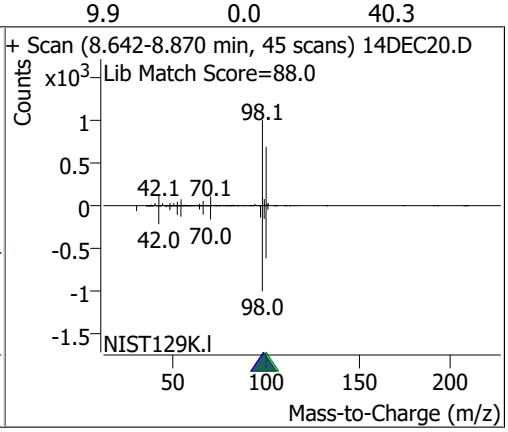




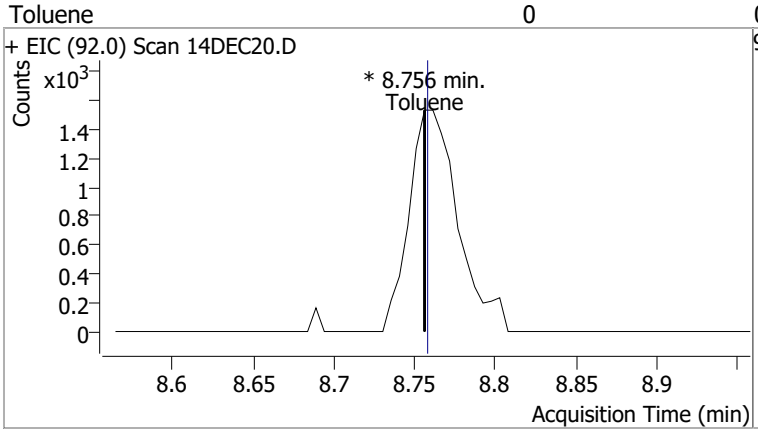
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	229.7305	8.69	0.03	827697	100.0	68.9	39.9	99.9
					99.0	9.9	0.0	40.3

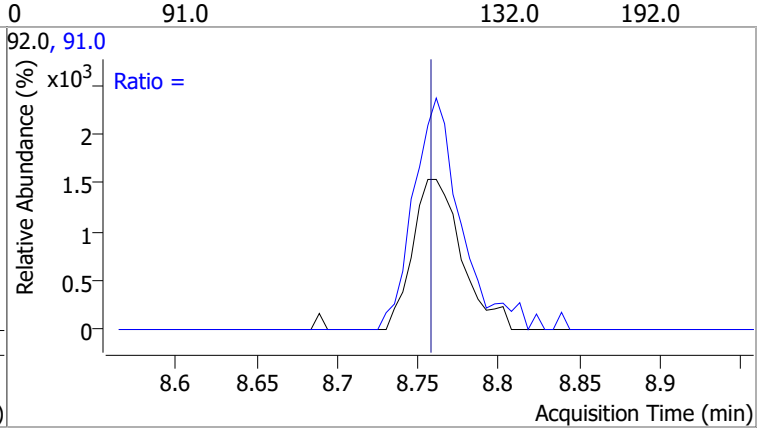




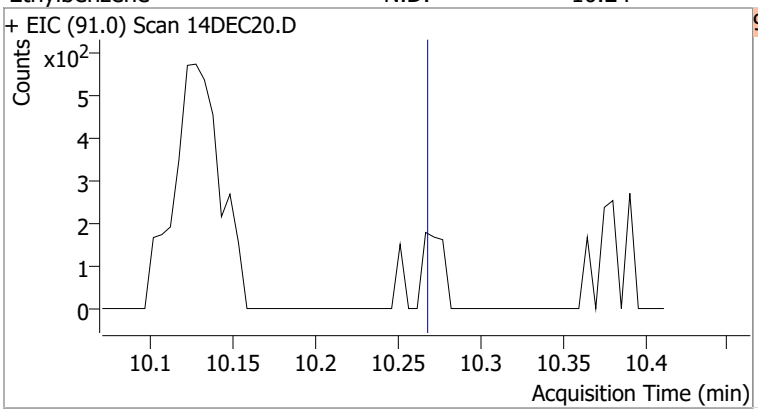


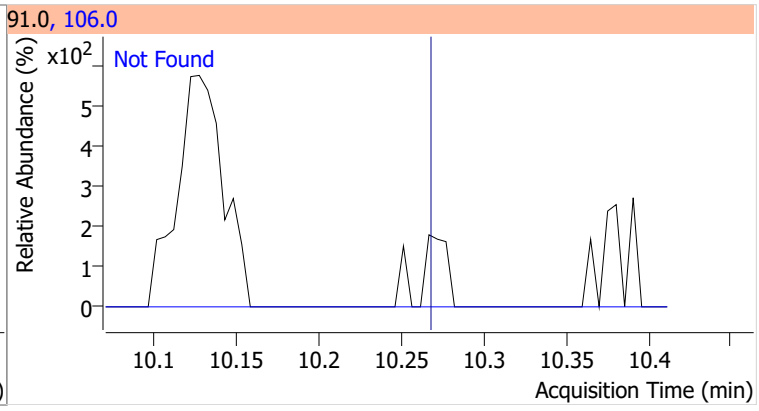
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		132.0	192.0



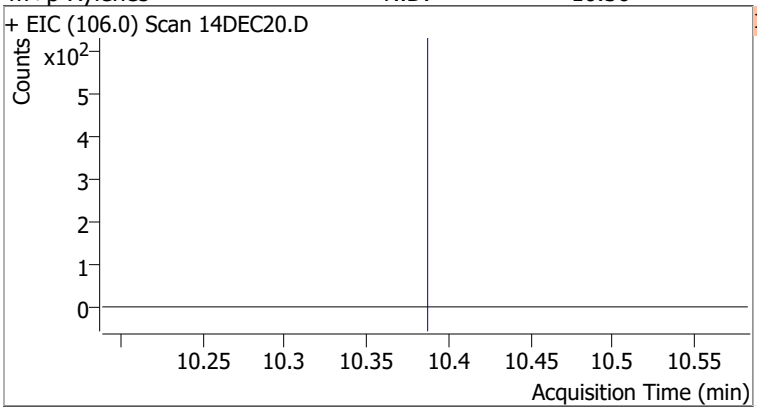


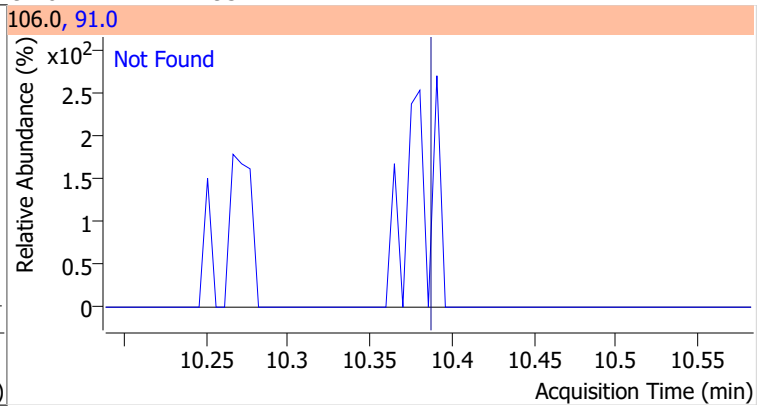
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



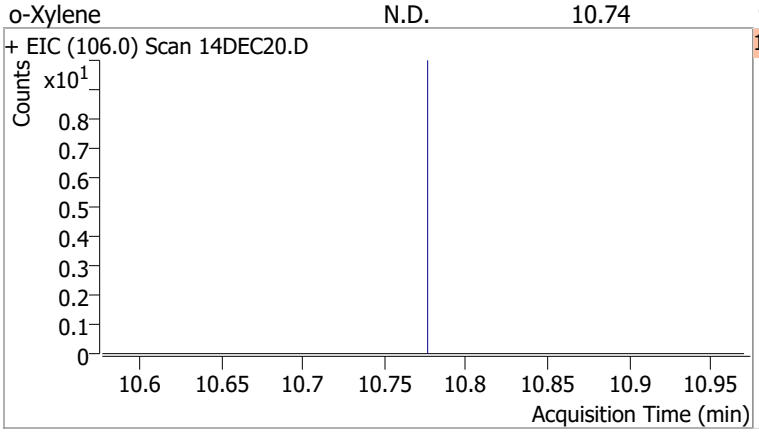


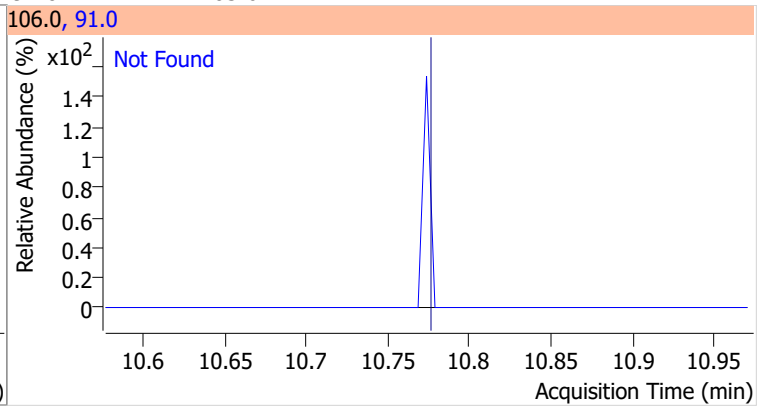
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



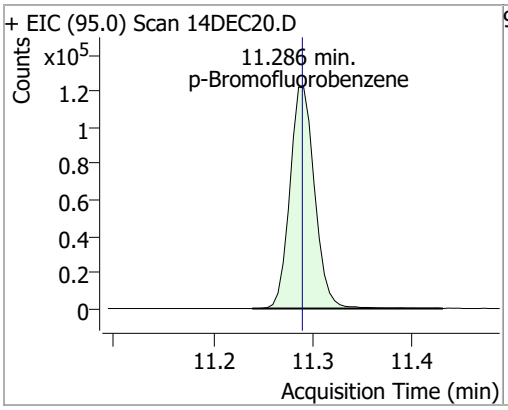


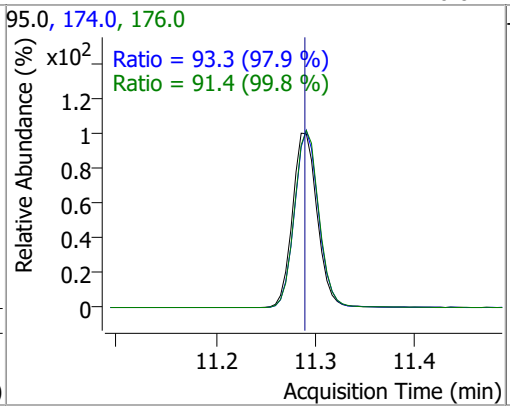
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

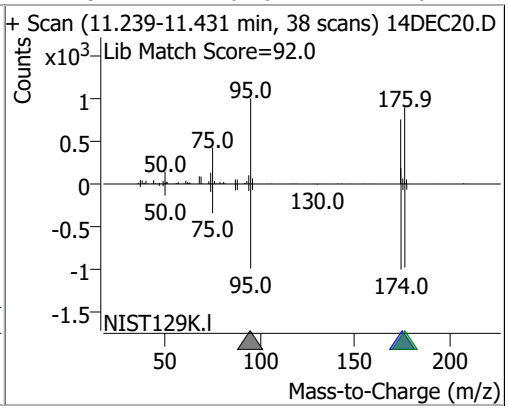




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	253.3594	11.29	0.02	211979	174.0	93.3	65.3	125.3
					176.0	91.4	61.6	121.6

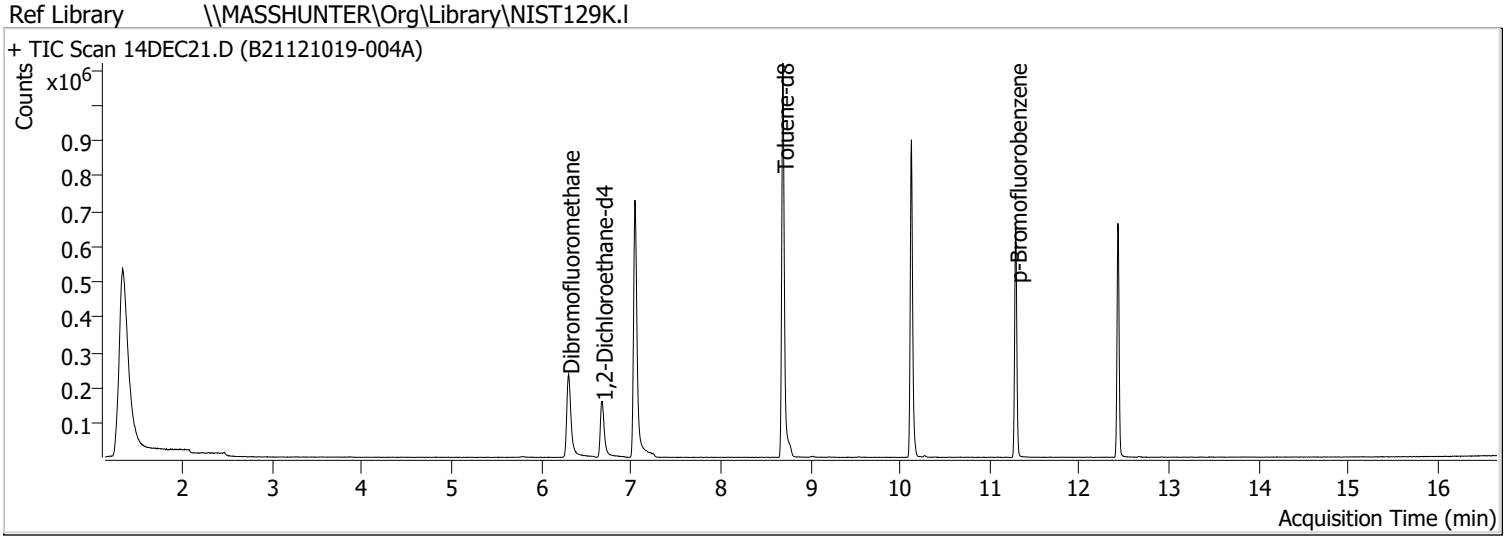






Quantitation Results Report (QT Reviewed)

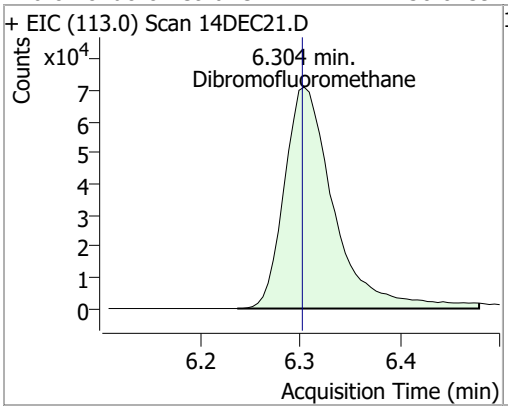
Data File	14DEC21.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 6:24:00 PM
Sample Name	B21121019-004A	Instrument	GC/MS Ins
Vial	21	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

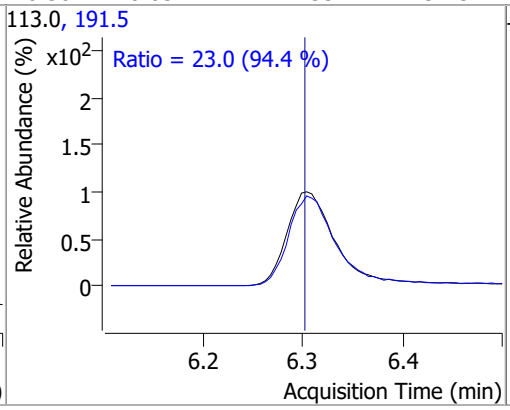


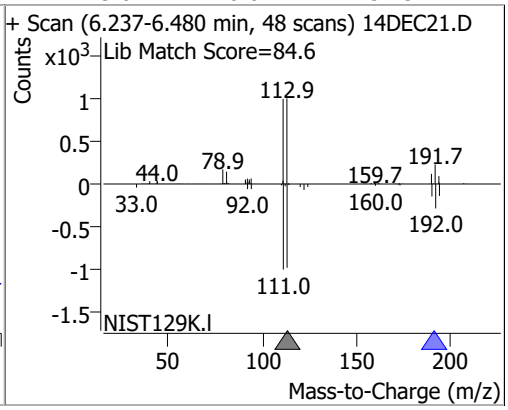
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.044	96.0	992007	250.0000	ng	0.030
M Chlorobenzene-d5	10.127	82.0	312060	250.0000	ng	0.030
M 1,4-Dichlorobenzene-d4	12.429	152.0	192855	250.0000	ng	0.025
System Monitoring Compounds						
S Dibromofluoromethane	6.304	113.0	247435	250.0159	ng	0.030
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.01%		
S 1,2-Dichloroethane-d4	6.676	67.0	94623	249.4371	ng	0.030
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 99.77%		
S Toluene-d8	8.694	98.0	889791	232.0588	ng	0.030
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 92.82%		
S p-Bromofluorobenzene	11.290	95.0	227067	253.9050	ng	0.030
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 101.56%		
Target Compounds						QValue
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

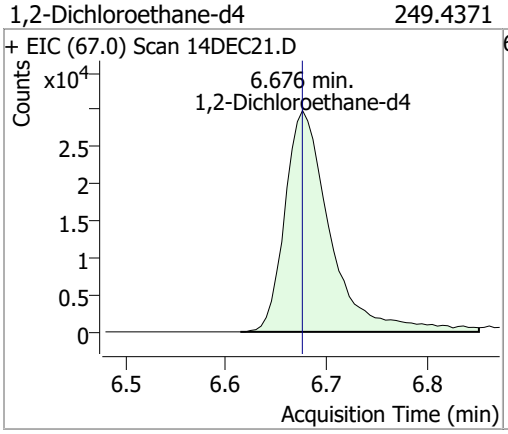
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	250.0159	6.30	0.03	247435	191.5	23.0	0.0	54.3

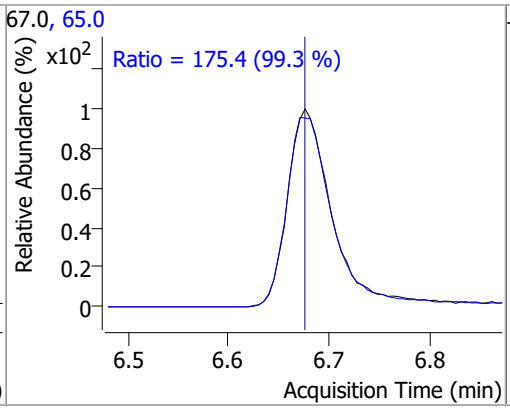


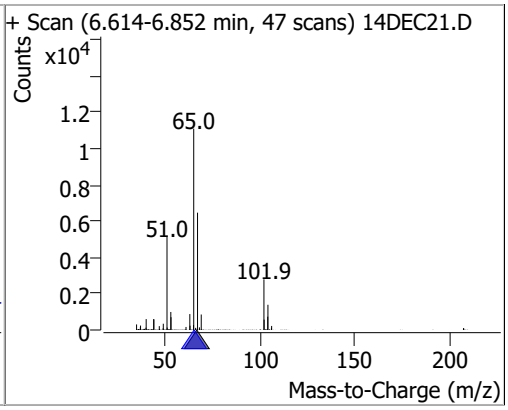




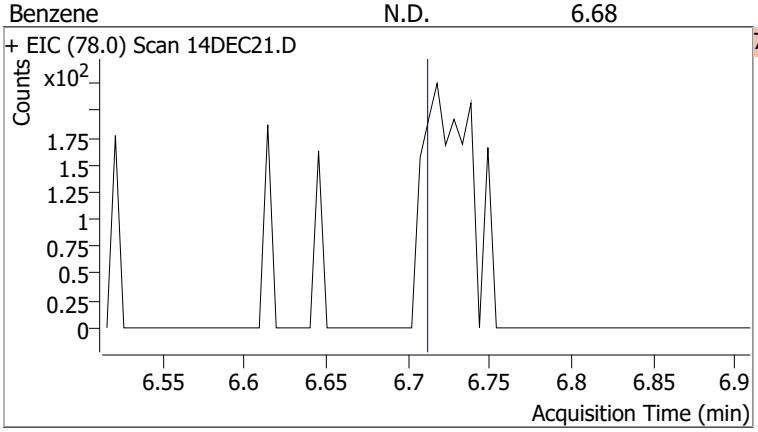
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	249.4371	6.68	0.03	94623	65.0	175.4	146.6	206.6

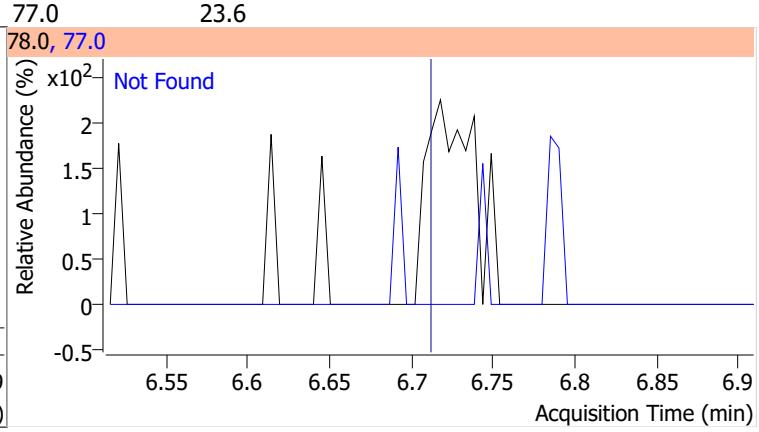




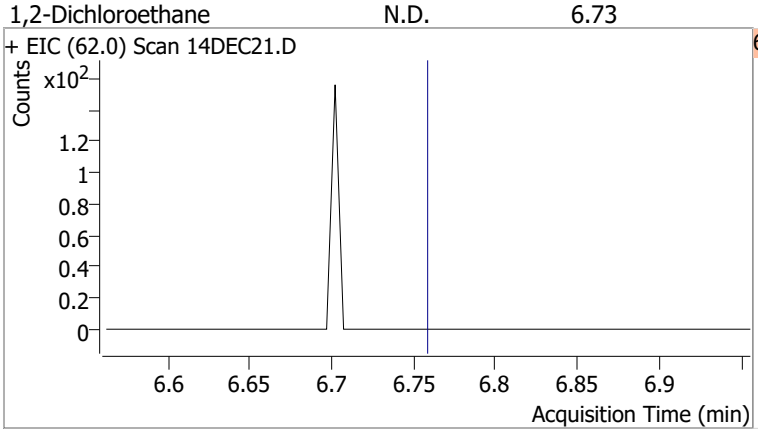


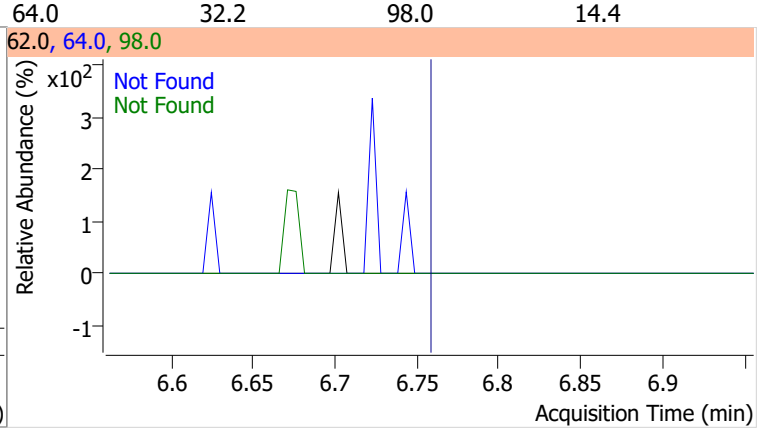
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



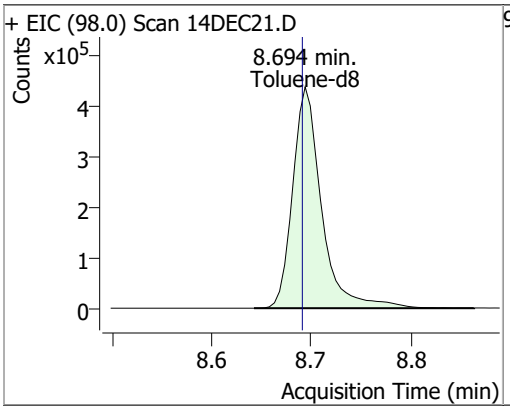


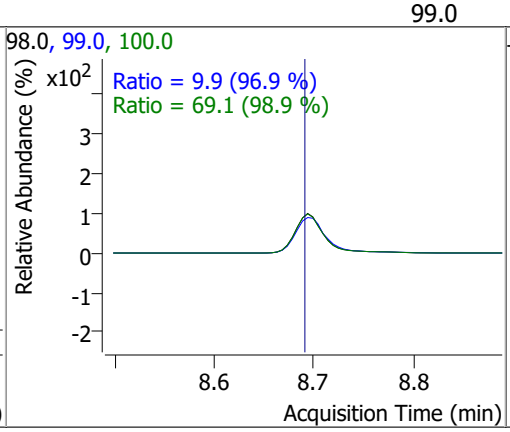
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

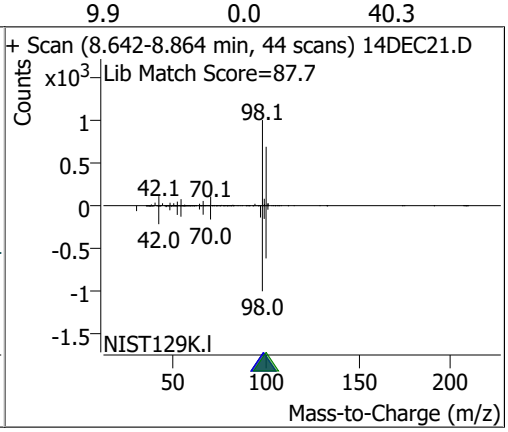




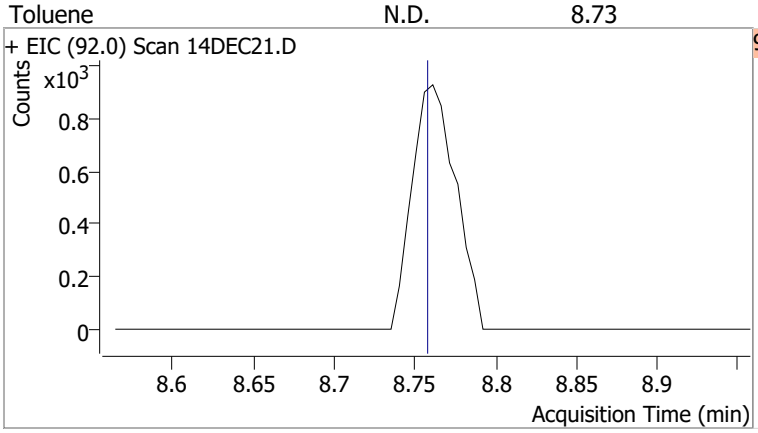
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	232.0588	8.69	0.03	889791	100.0	69.1	39.9	99.9
					99.0	9.9	0.0	40.3

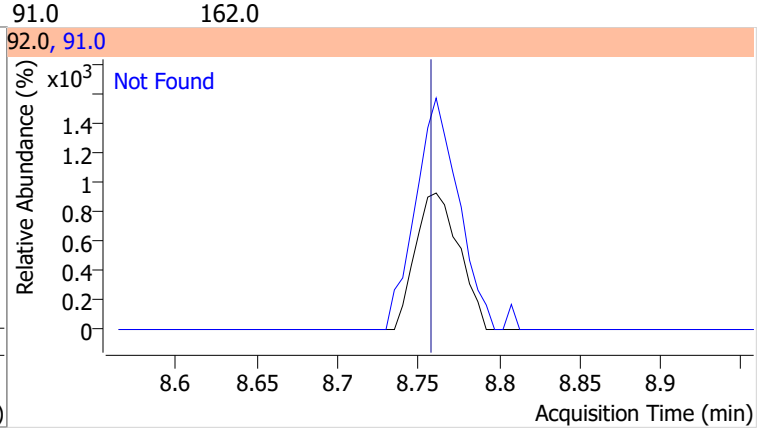




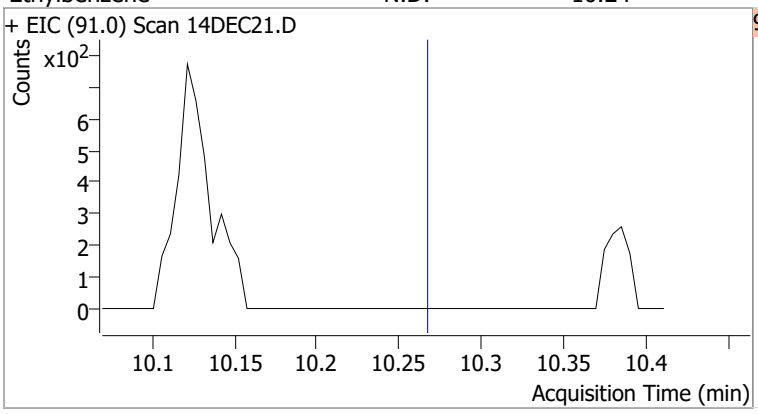


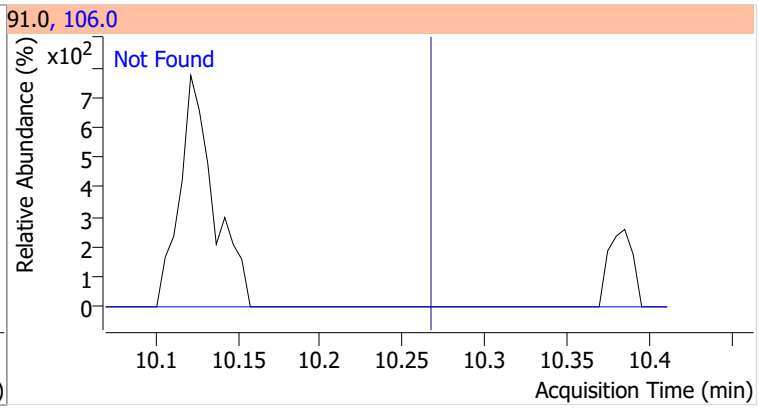
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.73	91.0	162.0



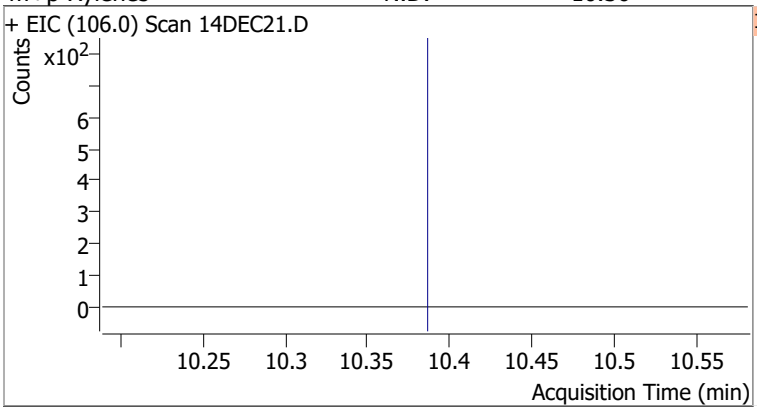


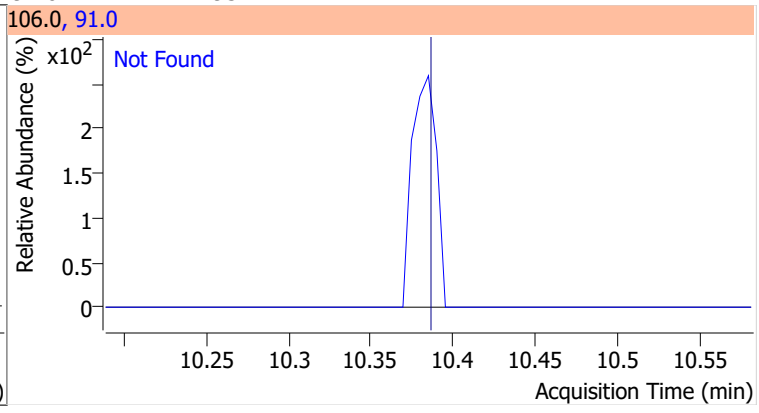
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



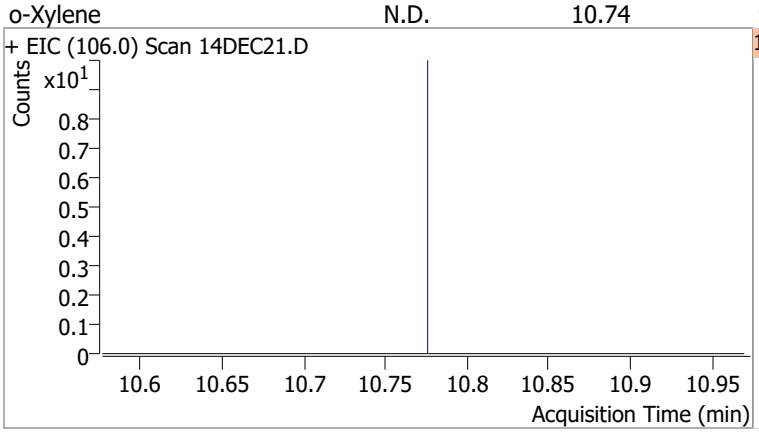


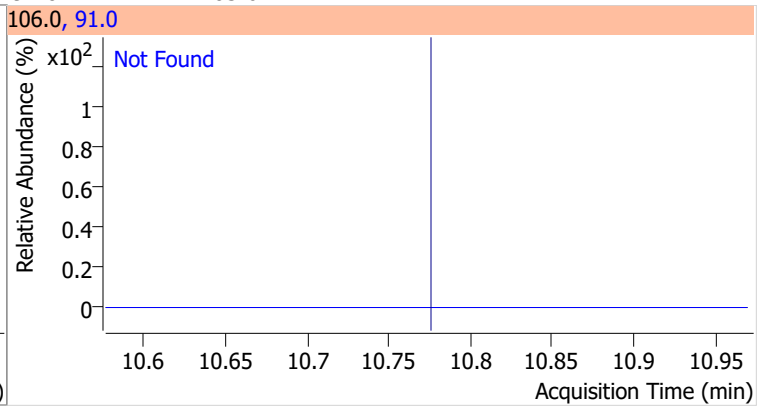
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



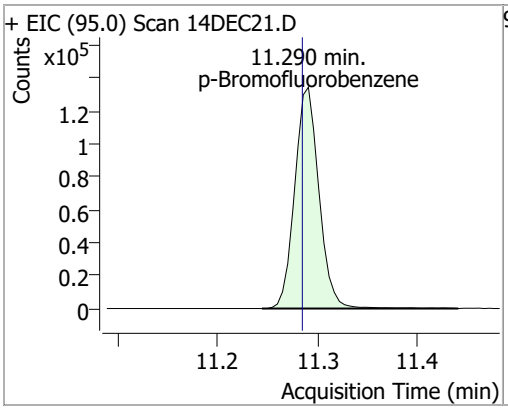


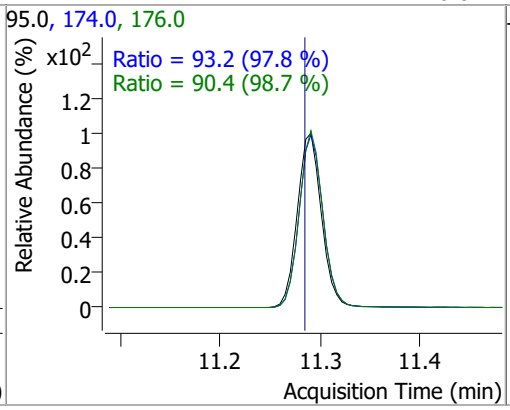
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

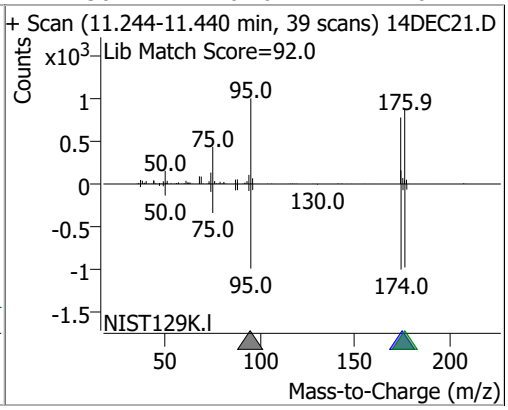




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	253.9050	11.29	0.03	227067	174.0	93.2	65.3	125.3
					176.0	90.4	61.6	121.6

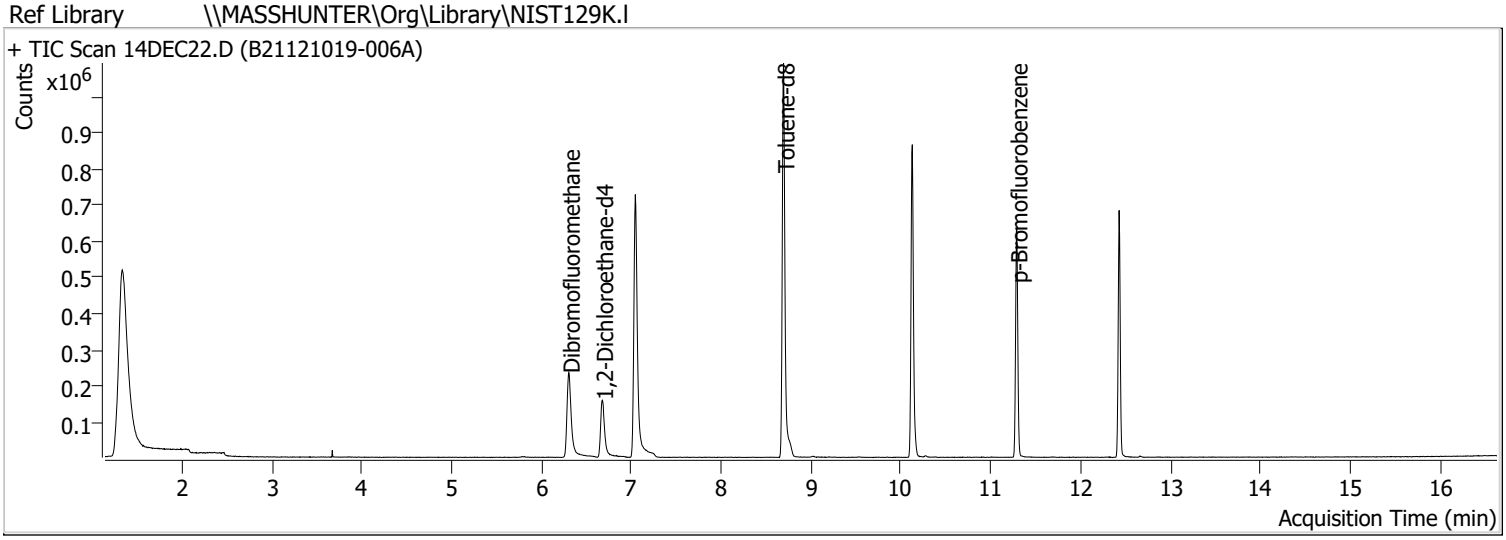






Quantitation Results Report (QT Reviewed)

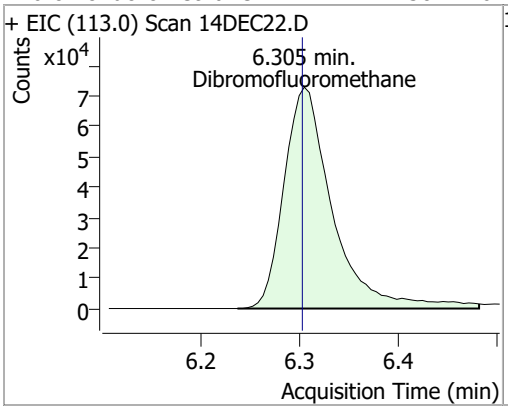
Data File	14DEC22.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 6:50:00 PM
Sample Name	B21121019-006A	Instrument	GC/MS Ins
Vial	22	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

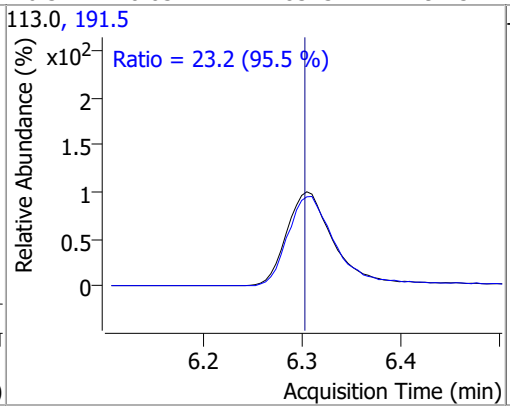


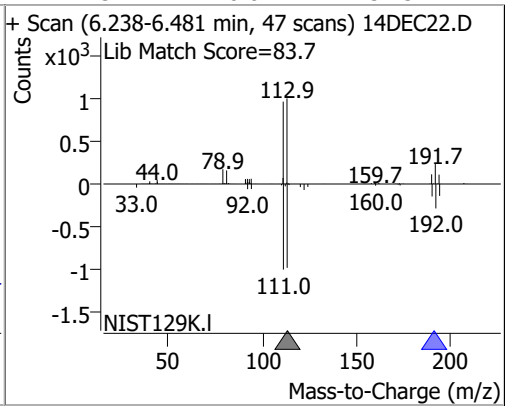
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.045	96.0	993954	250.0000	ng		0.031
M Chlorobenzene-d5	10.128	82.0	308000	250.0000	ng		0.031
M 1,4-Dichlorobenzene-d4	12.430	152.0	191682	250.0000	ng		0.026
System Monitoring Compounds							
S Dibromofluoromethane	6.305	113.0	248313	250.4116	ng		0.031
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.16%			
S 1,2-Dichloroethane-d4	6.678	67.0	92806	244.1680	ng		0.031
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 97.67%			
S Toluene-d8	8.695	98.0	883737	233.5181	ng		0.031
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.41%			
S p-Bromofluorobenzene	11.287	95.0	223417	251.3524	ng		0.026
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.54%			
Target Compounds							**QValue**
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Toluene	8.762	92.0	0		ng	md	1
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

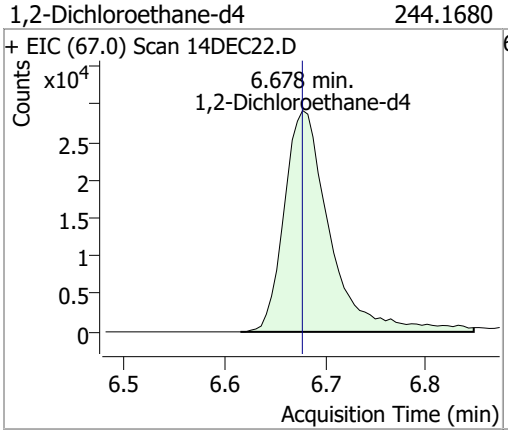
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	250.4116	6.31	0.03	248313	191.5	23.2	0.0	54.3

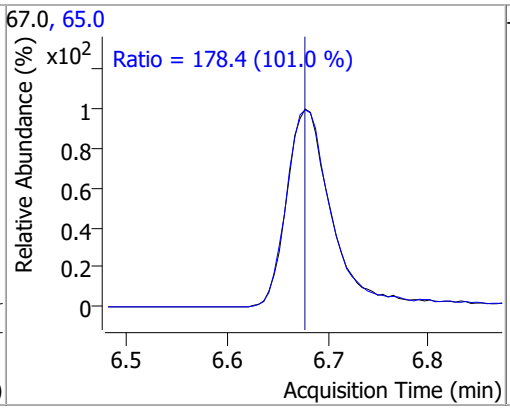


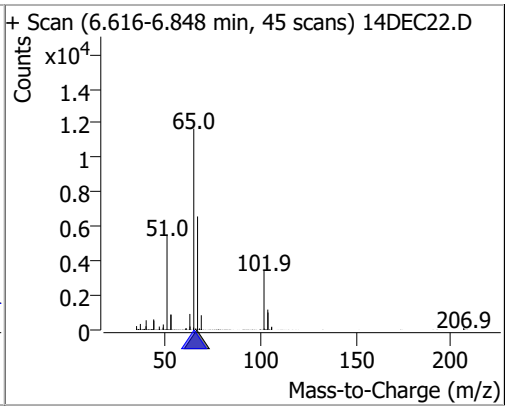




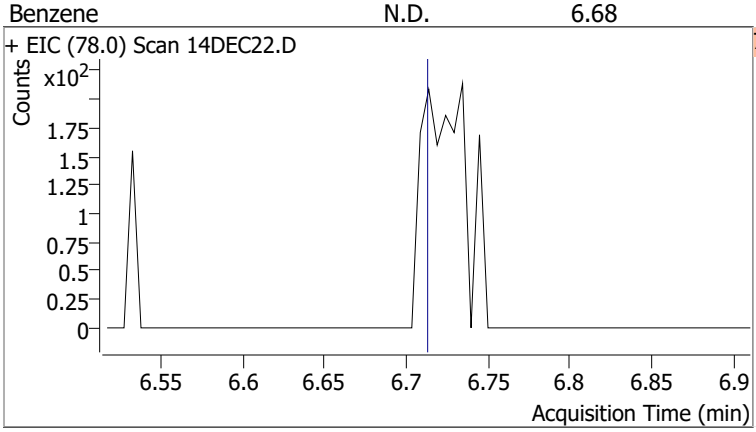
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	244.1680	6.68	0.03	92806	65.0	178.4	146.6	206.6

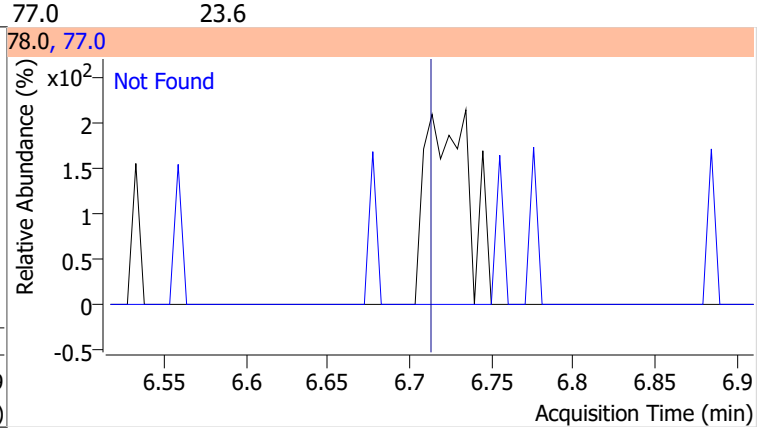




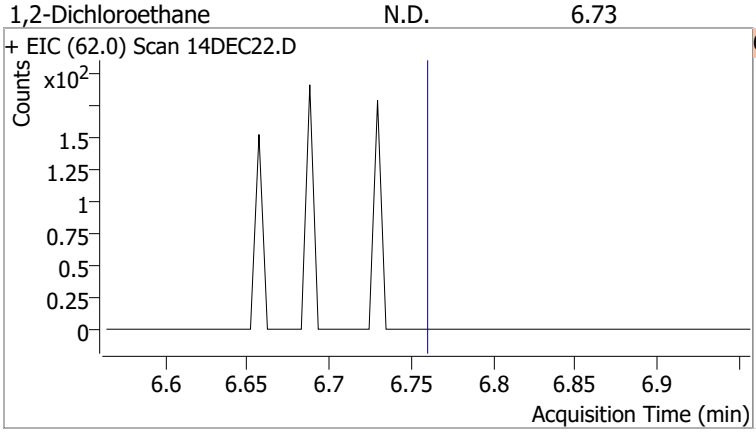


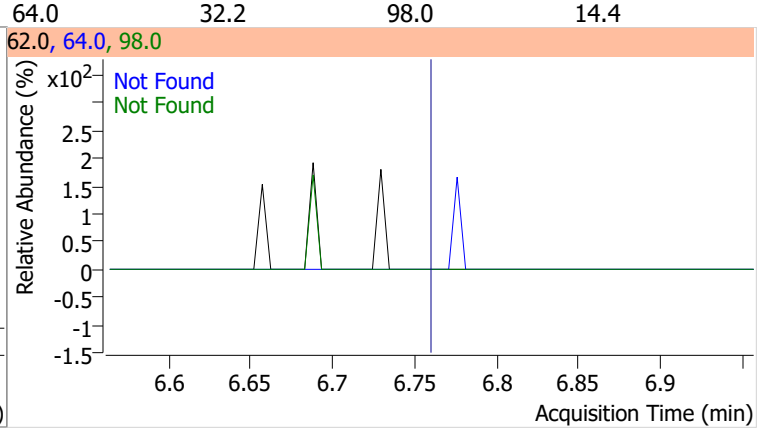
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



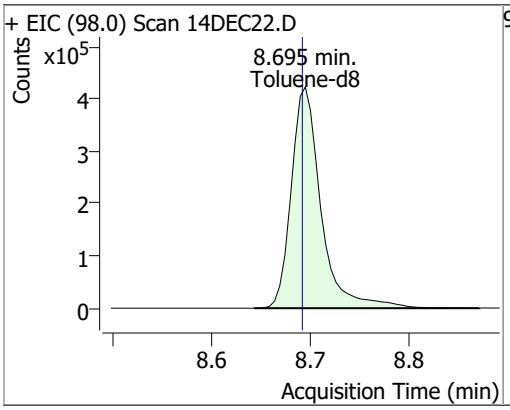


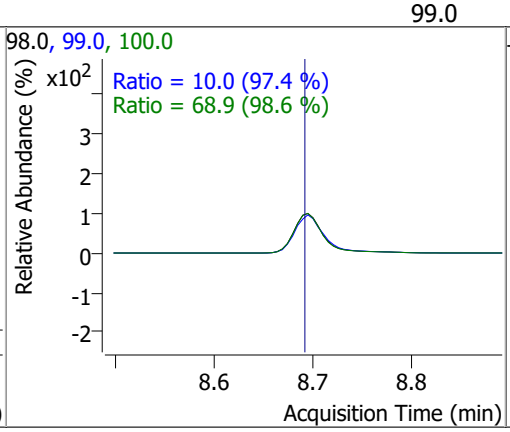
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

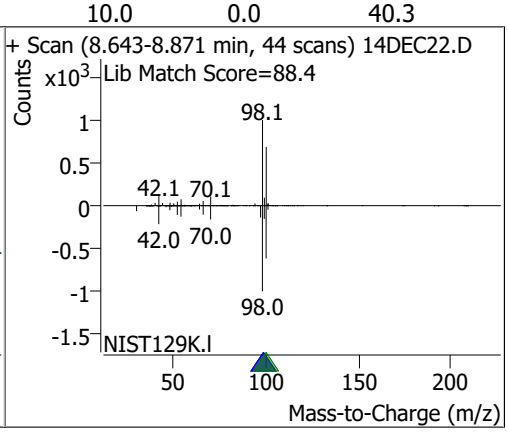




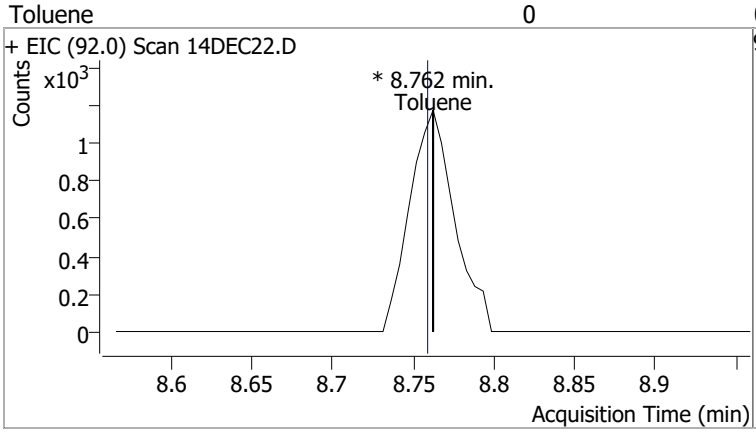
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	233.5181	8.70	0.03	883737	100.0	68.9	39.9	99.9
					99.0	10.0	0.0	40.3

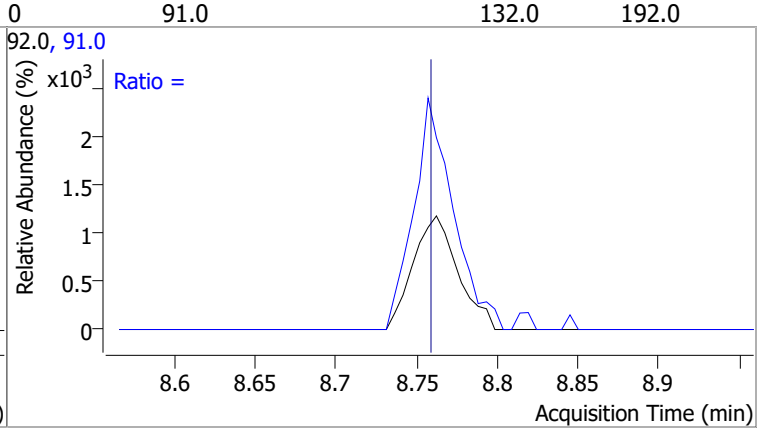




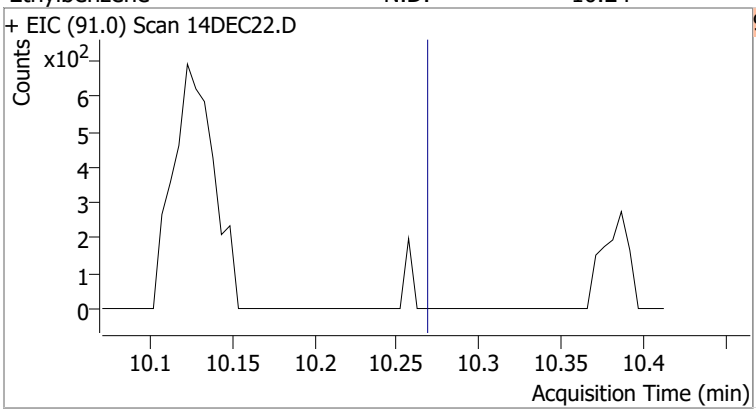


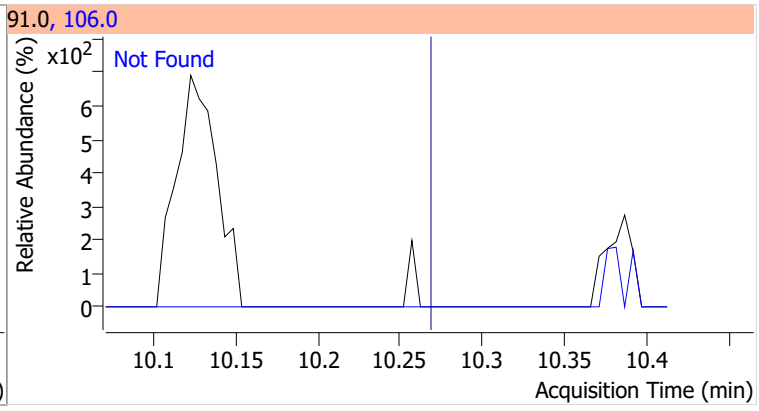
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		132.0	192.0



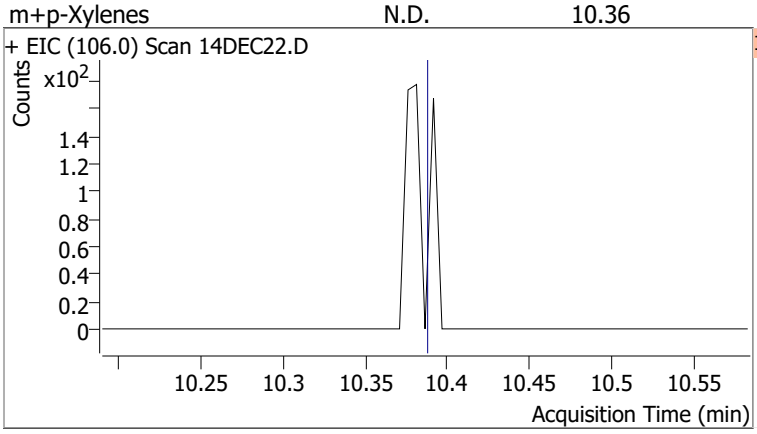


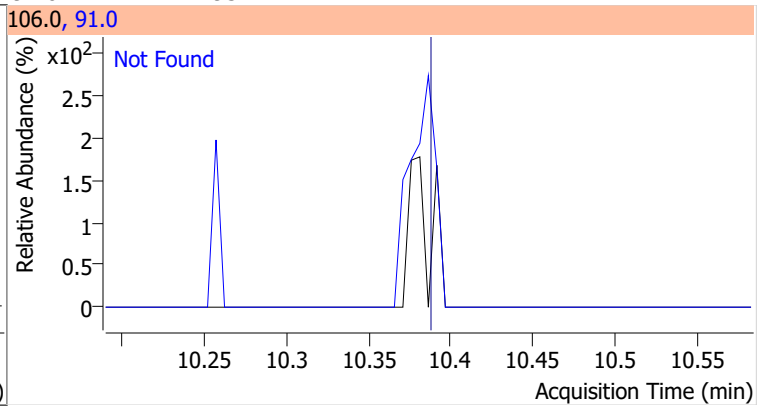
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



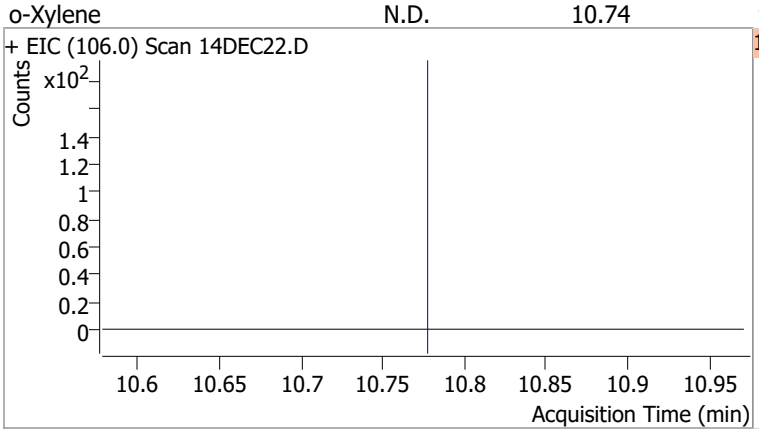


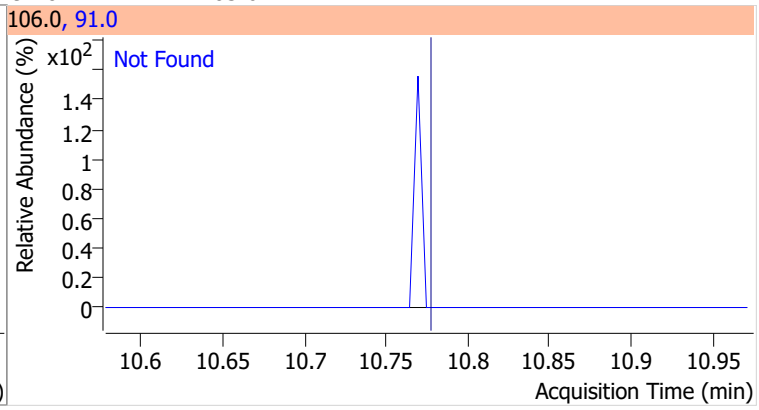
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



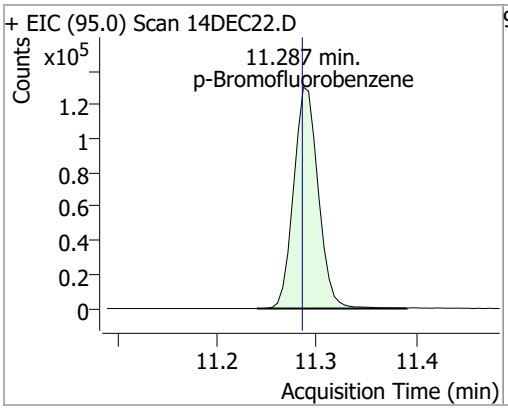


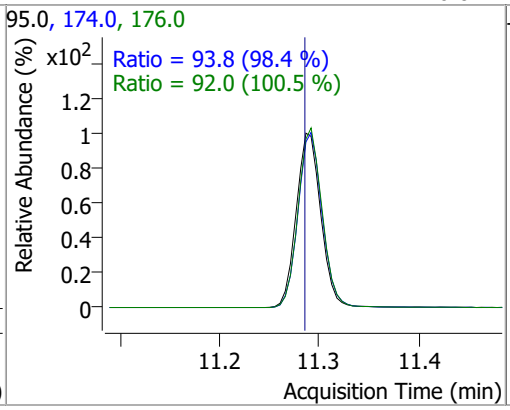
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

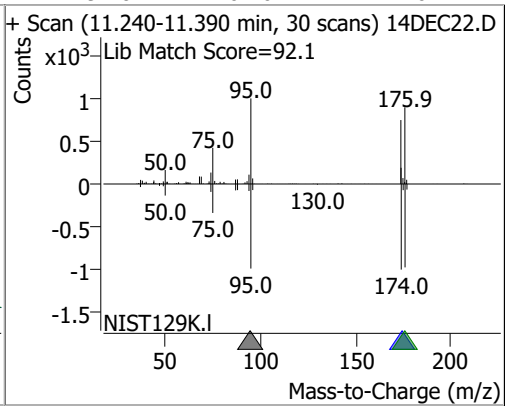




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	251.3524	11.29	0.03	223417	174.0	93.8	65.3	125.3
					176.0	92.0	61.6	121.6

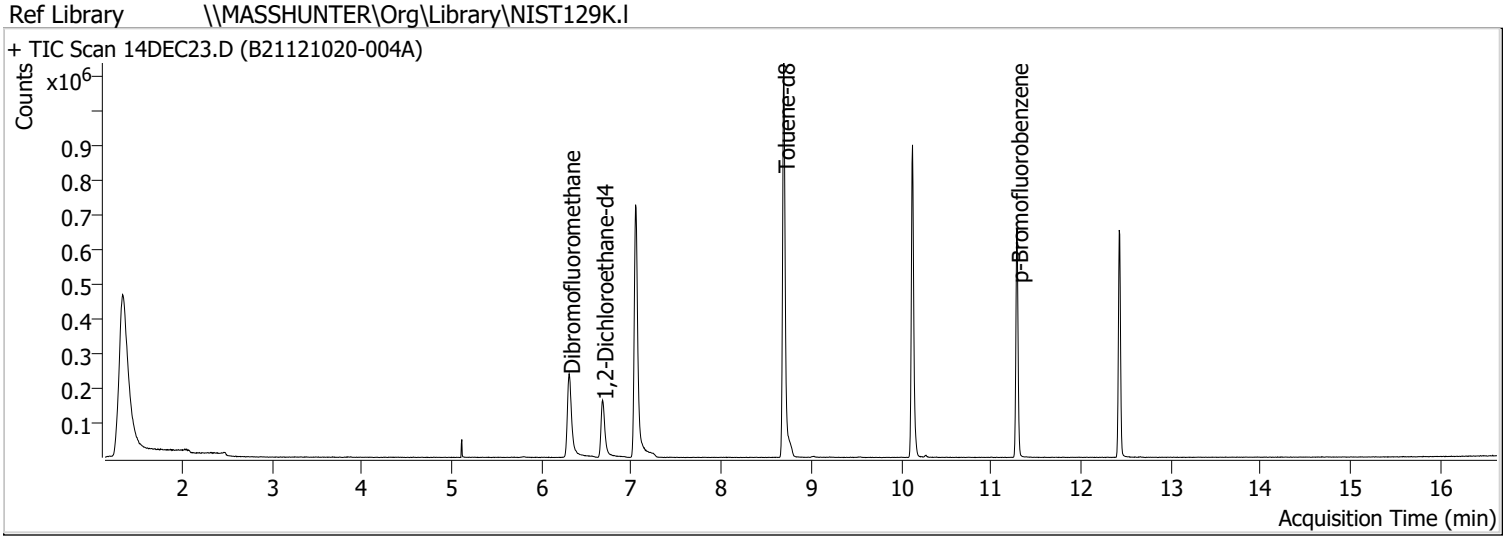






Quantitation Results Report (QT Reviewed)

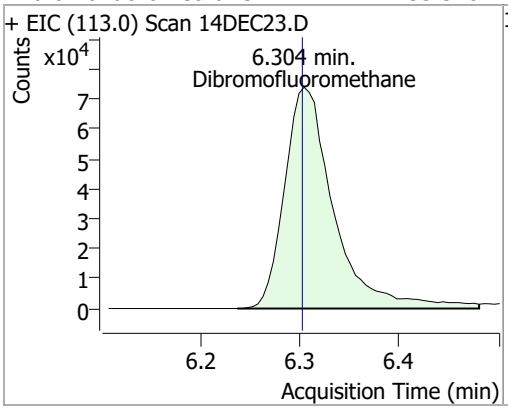
Data File	14DEC23.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 7:15:00 PM
Sample Name	B21121020-004A	Instrument	GC/MS Ins
Vial	23	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

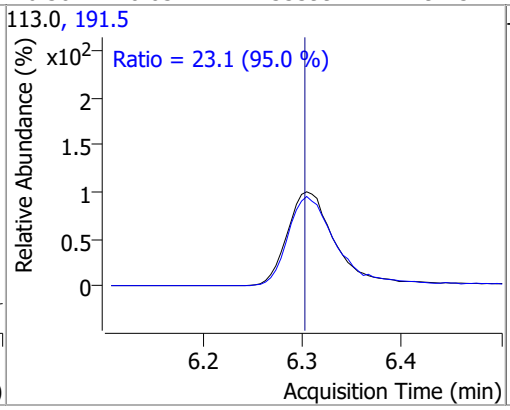


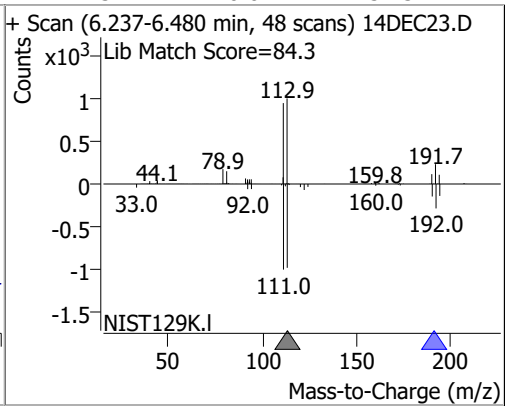
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.044	96.0	1010349	250.0000	ng		0.030
M Chlorobenzene-d5	10.127	82.0	315600	250.0000	ng		0.030
M 1,4-Dichlorobenzene-d4	12.434	152.0	193625	250.0000	ng		0.030
System Monitoring Compounds							
S Dibromofluoromethane	6.304	113.0	255399	253.3781	ng		0.030
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 101.35%			
S 1,2-Dichloroethane-d4	6.676	67.0	94430	244.4092	ng		0.030
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 97.76%			
S Toluene-d8	8.694	98.0	899591	231.9831	ng		0.030
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 92.79%			
S p-Bromofluorobenzene	11.291	95.0	227936	253.8631	ng		0.030
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 101.55%			
Target Compounds							**QValue**
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Toluene	8.756	92.0	0		ng	md	1
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

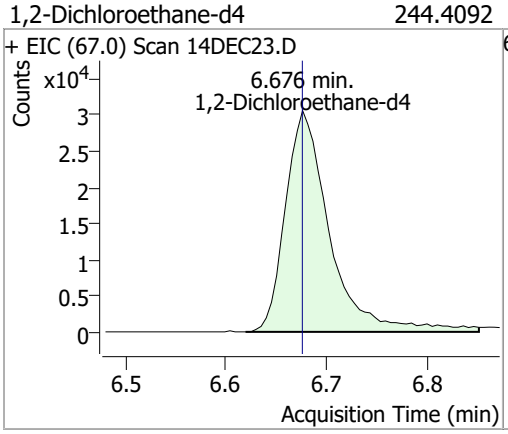
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	253.3781	6.30	0.03	255399	191.5	23.1	0.0	54.3

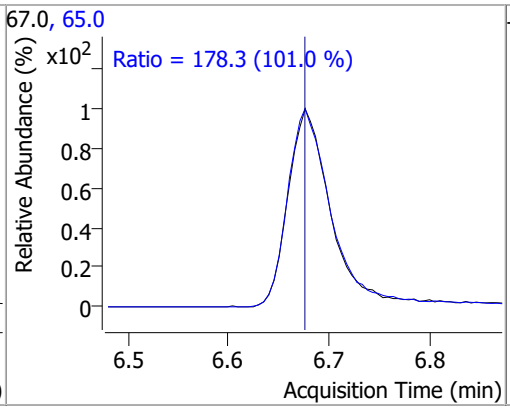


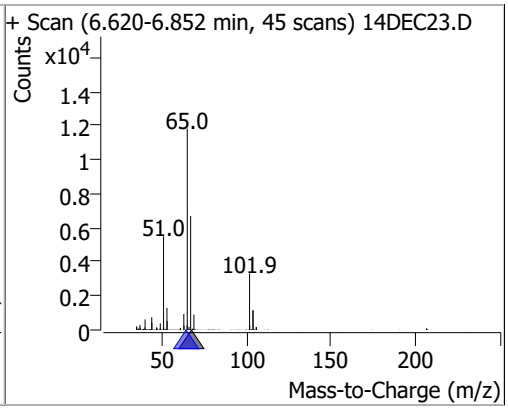




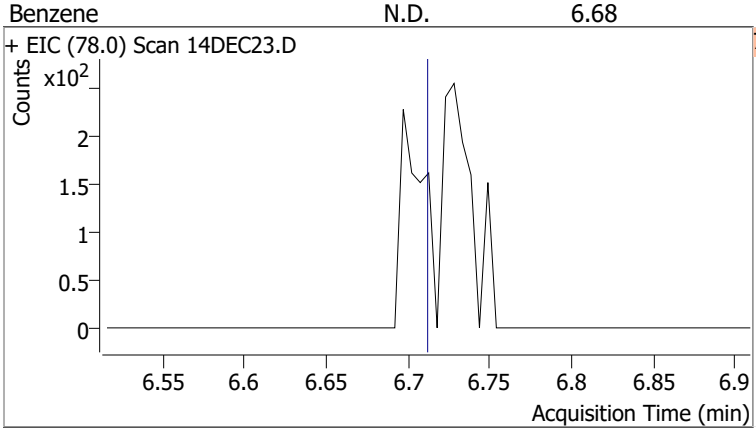
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	244.4092	6.68	0.03	94430	65.0	178.3	146.6	206.6

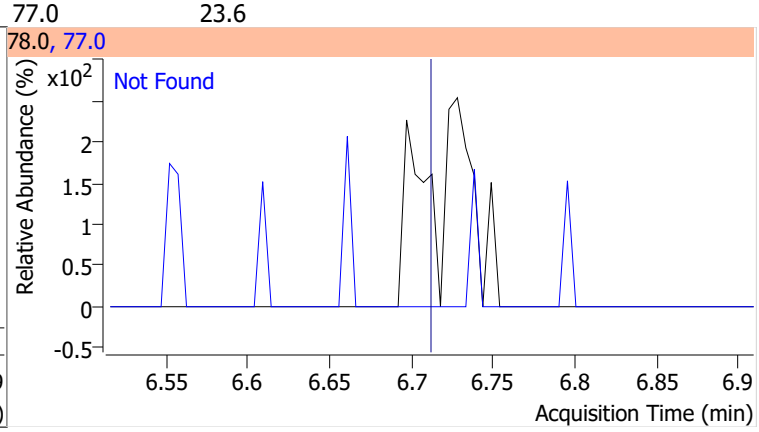




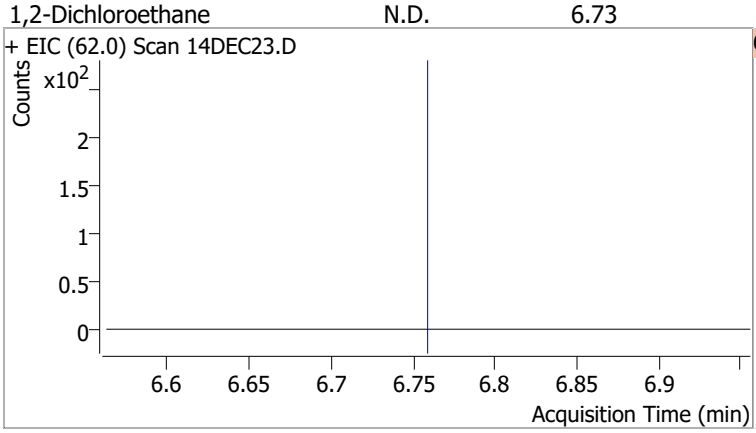


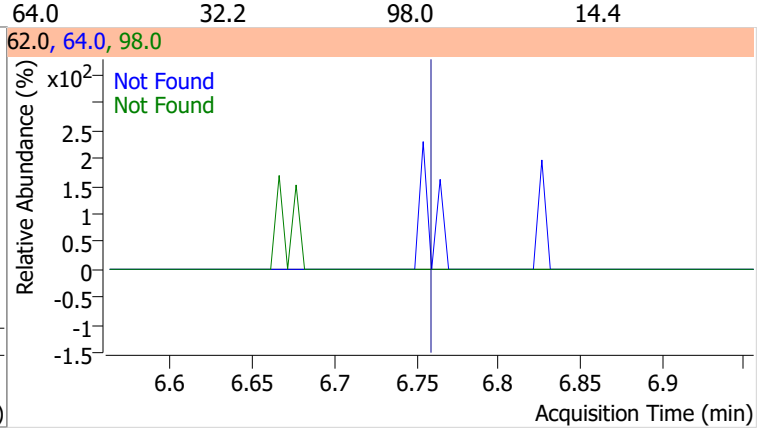
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



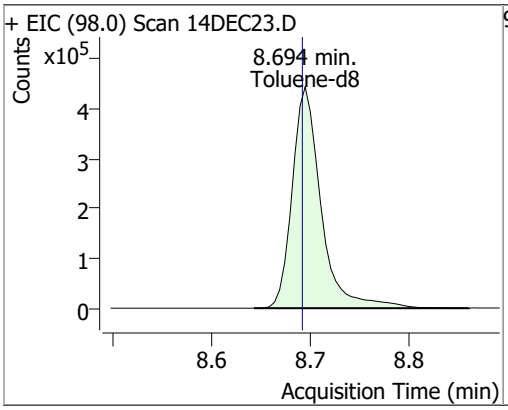


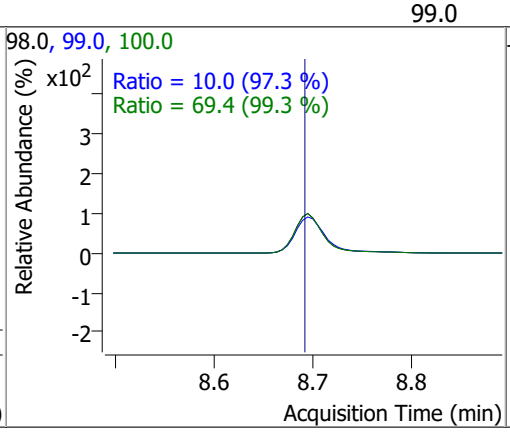
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

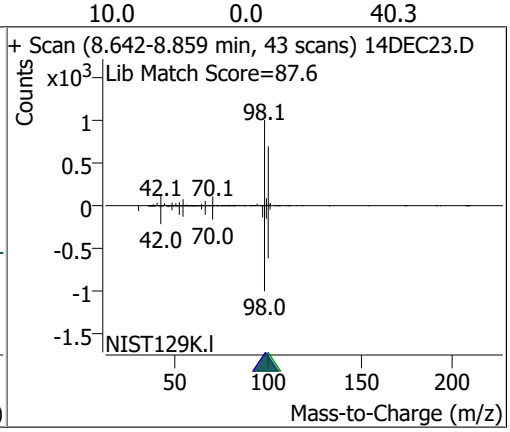




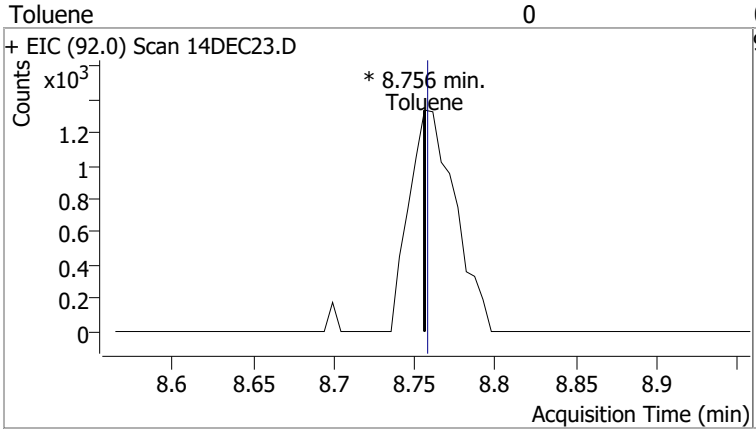
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	231.9831	8.69	0.03	899591	100.0	69.4	39.9	99.9
					99.0	10.0	0.0	40.3

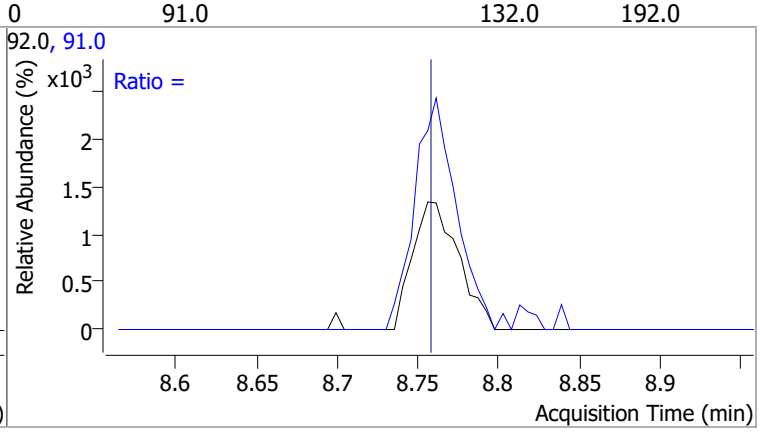




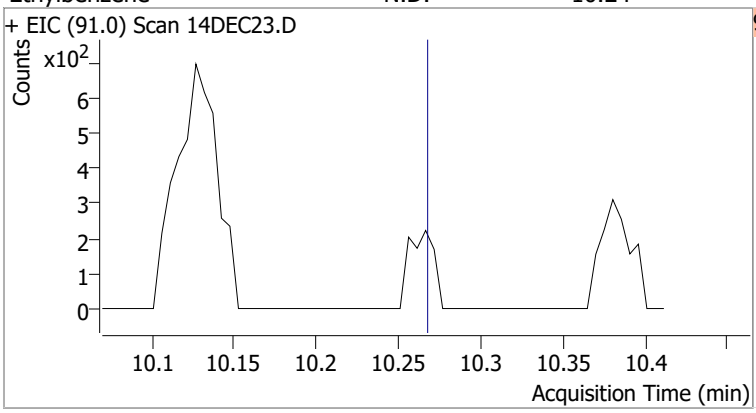


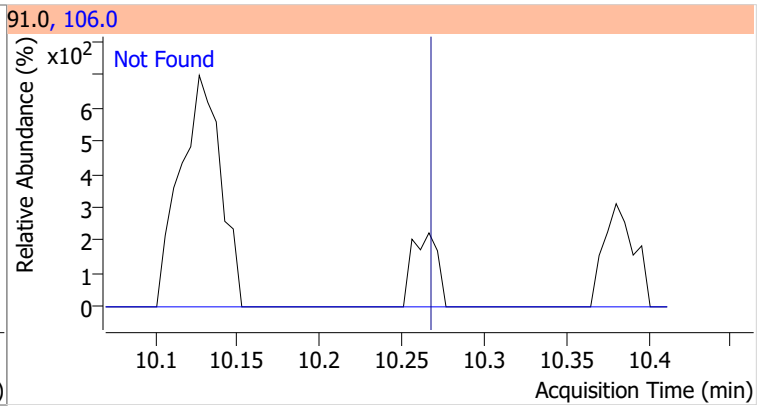
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		132.0	192.0



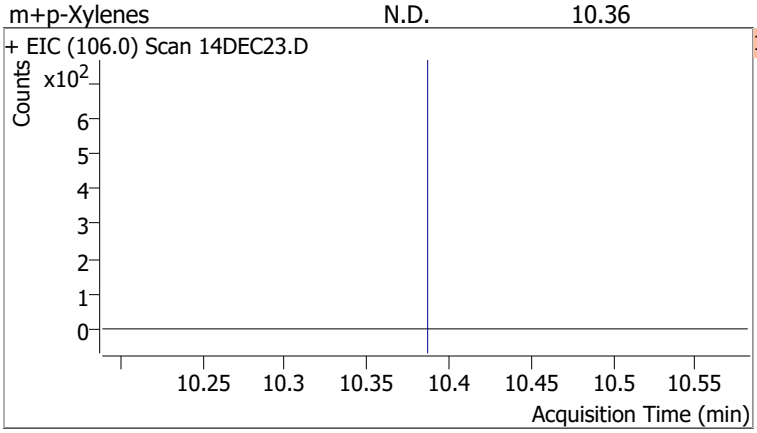


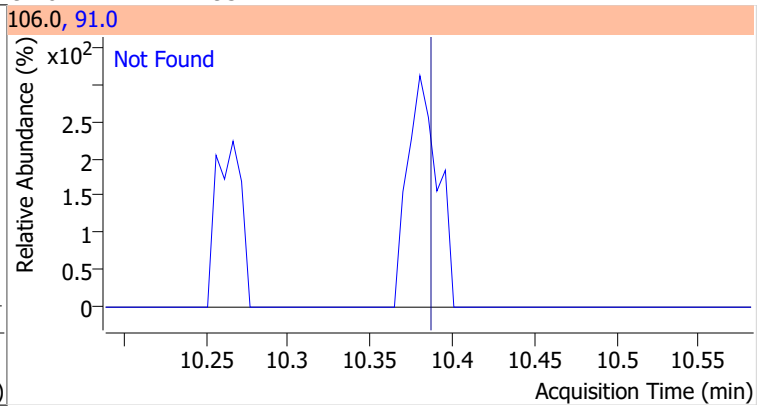
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



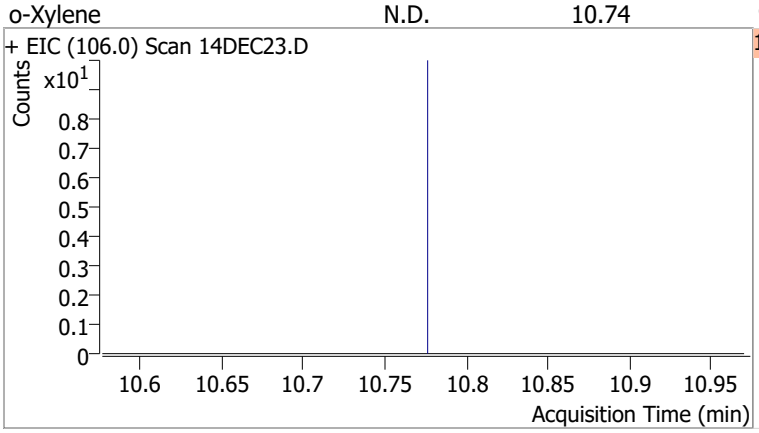


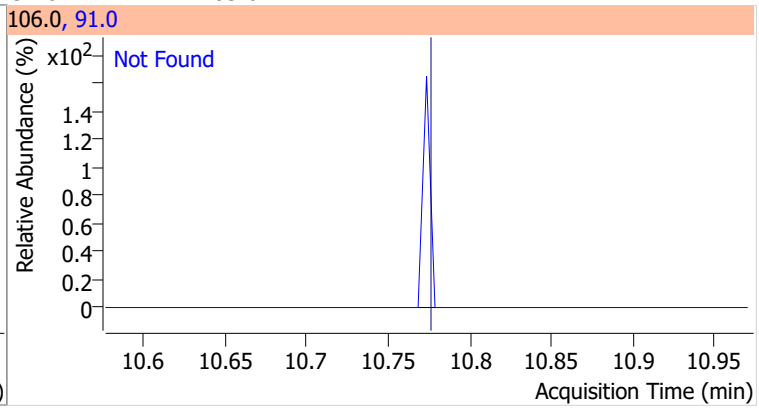
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



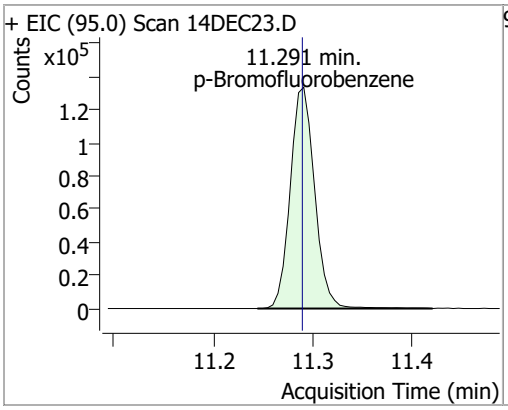


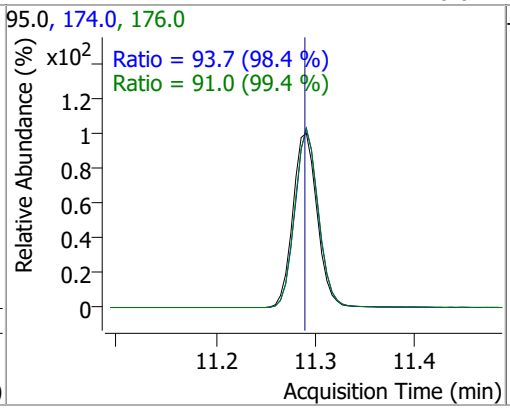
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

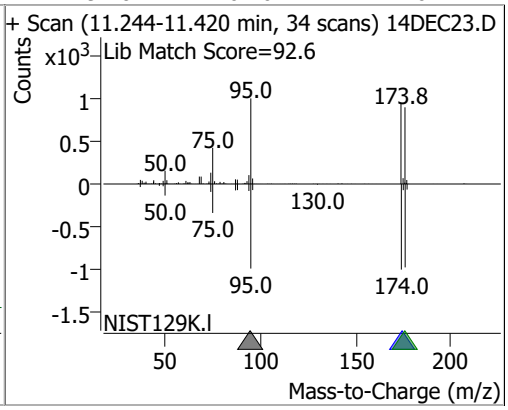




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	253.8631	11.29	0.03	227936	174.0	93.7	65.3	125.3
					176.0	91.0	61.6	121.6

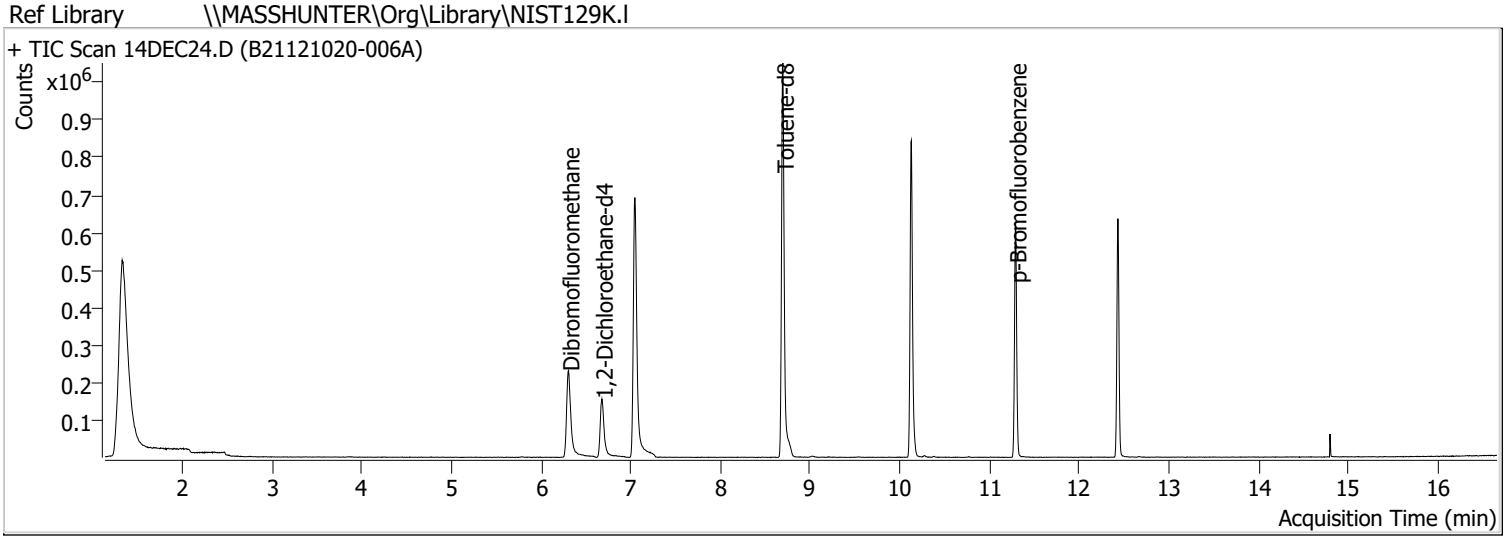






Quantitation Results Report (QT Reviewed)

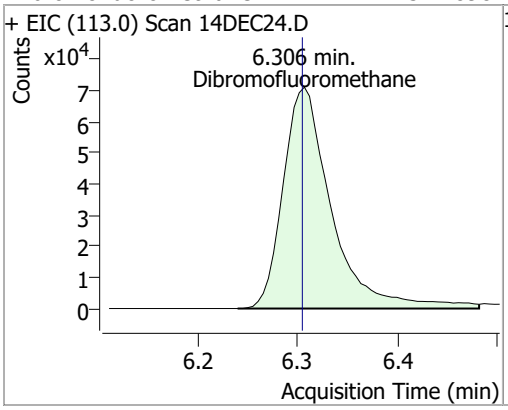
Data File	14DEC24.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 7:40:00 PM
Sample Name	B21121020-006A	Instrument	GC/MS Ins
Vial	24	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

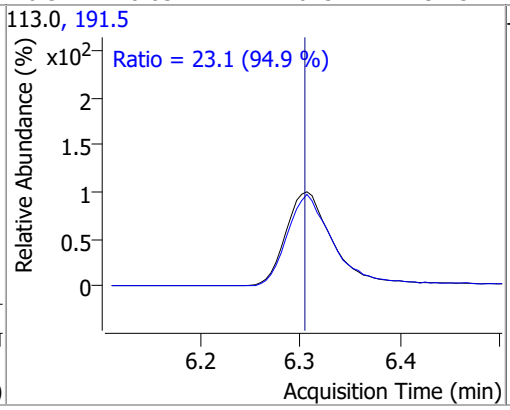


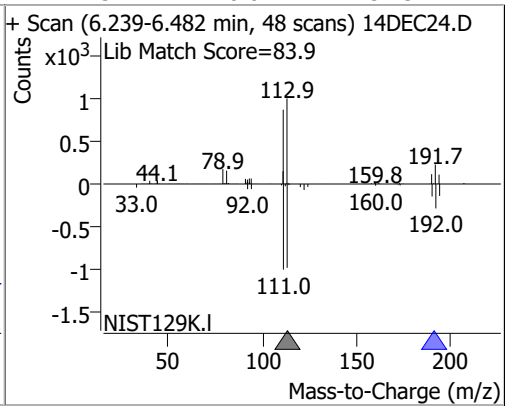
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	7.046	96.0	963883	250.0000	ng		0.032
M Chlorobenzene-d5	10.124	82.0	300740	250.0000	ng		0.027
M 1,4-Dichlorobenzene-d4	12.431	152.0	185060	250.0000	ng		0.027
System Monitoring Compounds							
S Dibromofluoromethane	6.306	113.0	241645	251.2898	ng		0.032
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.52%			
S 1,2-Dichloroethane-d4	6.679	67.0	88881	241.1369	ng		0.032
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 96.45%			
S Toluene-d8	8.696	98.0	866790	234.5691	ng		0.032
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.83%			
S p-Bromofluorobenzene	11.288	95.0	213894	249.2494	ng		0.027
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 99.70%			
Target Compounds							**QValue**
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Toluene	8.758	92.0	0		ng	md	1
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

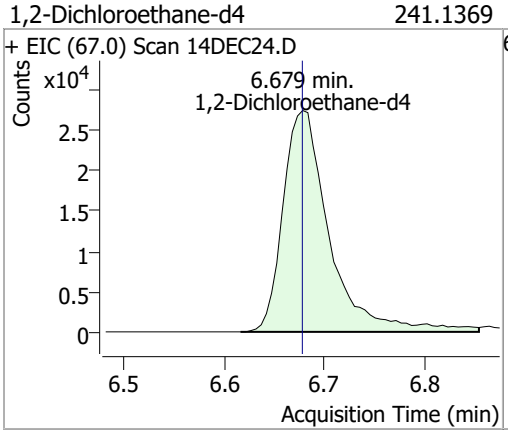
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	251.2898	6.31	0.03	241645	191.5	23.1	0.0	54.3

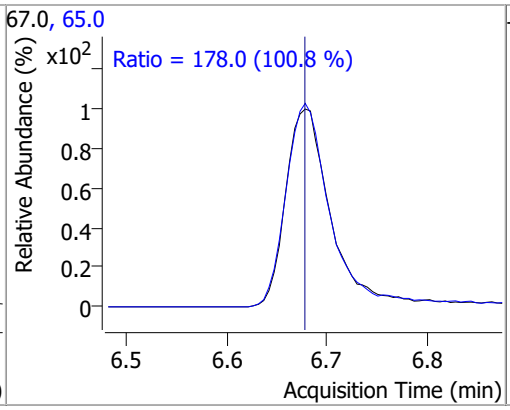


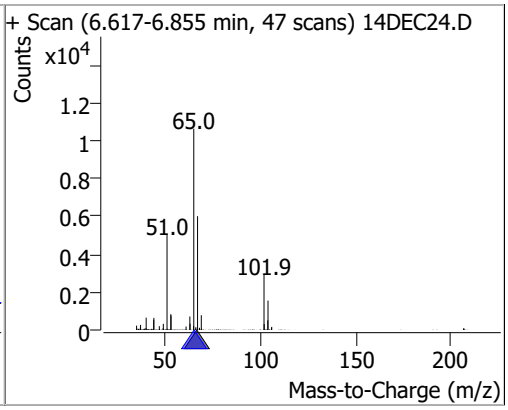




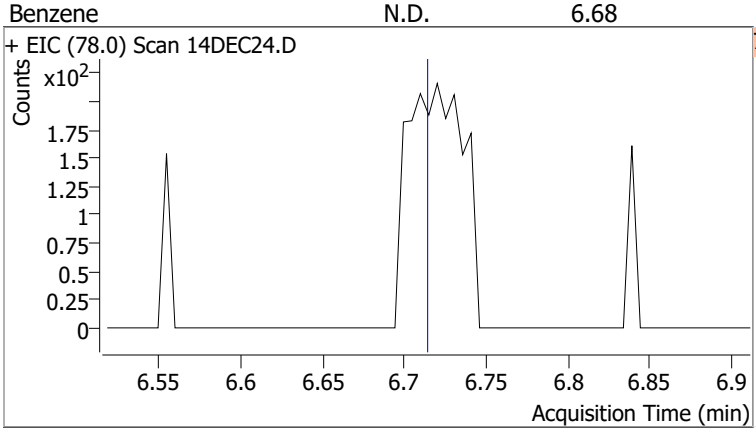
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	241.1369	6.68	0.03	88881	65.0	178.0	146.6	206.6

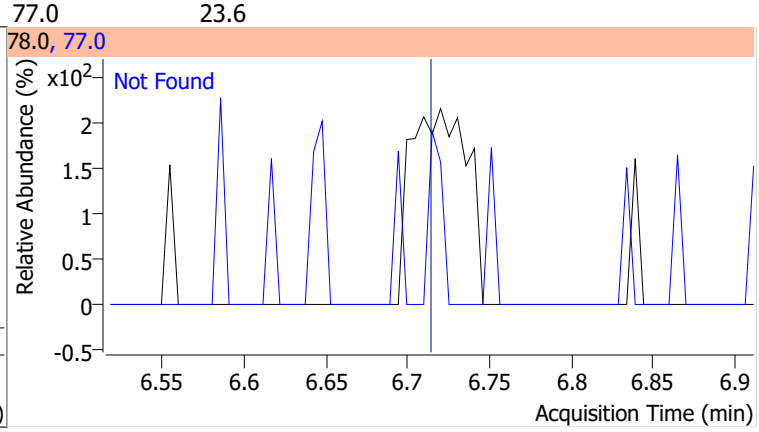




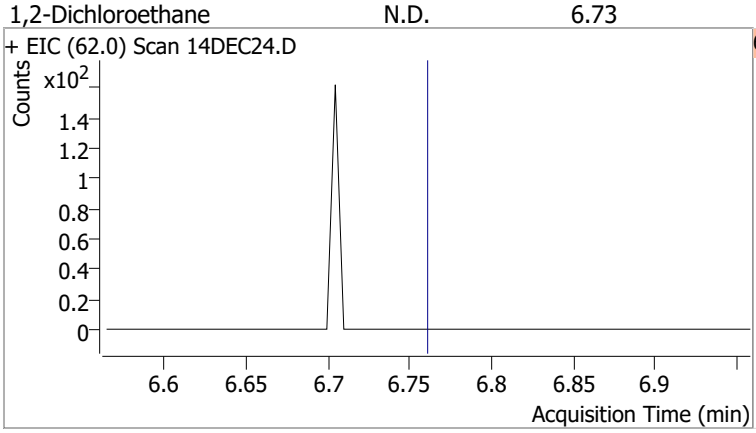


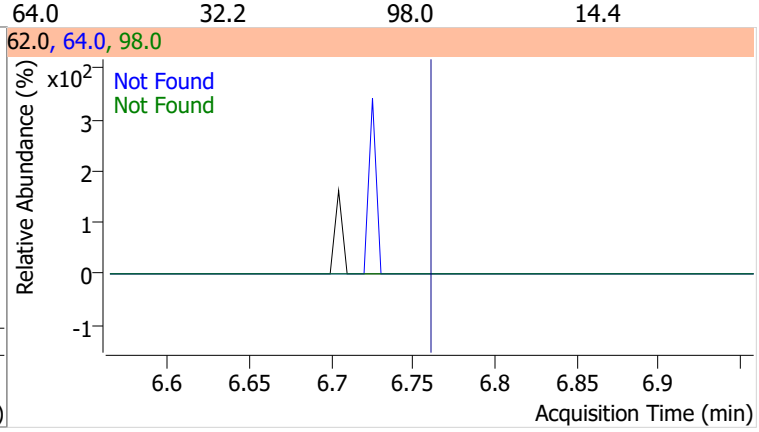
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.68	77.0	23.6



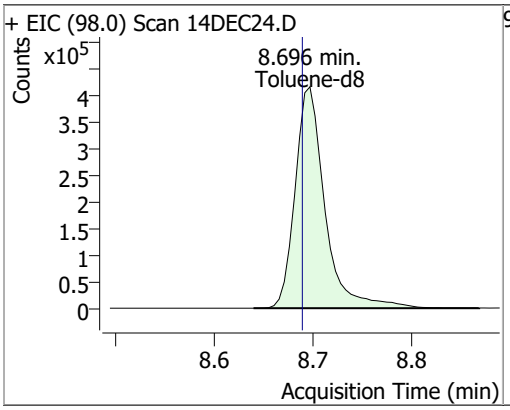


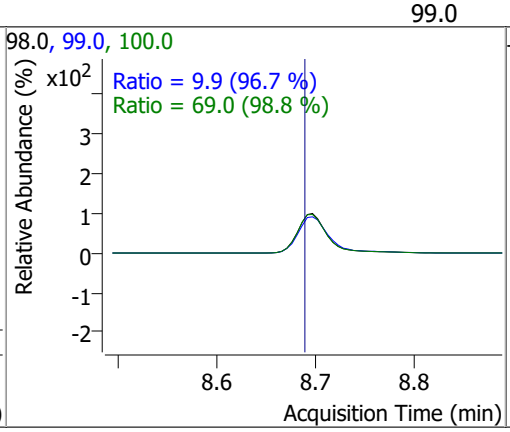
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.73	64.0	32.2	98.0	14.4

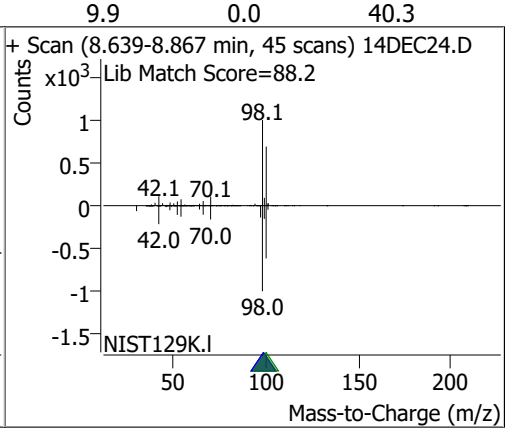




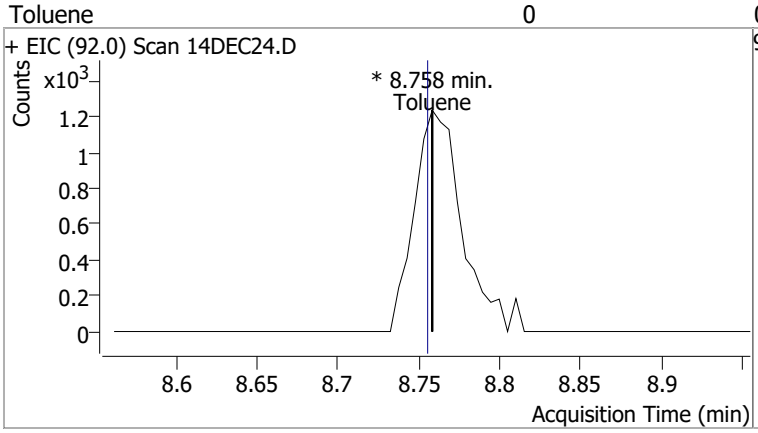
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	234.5691	8.70	0.03	866790	100.0	69.0	39.9	99.9
					99.0	9.9	0.0	40.3

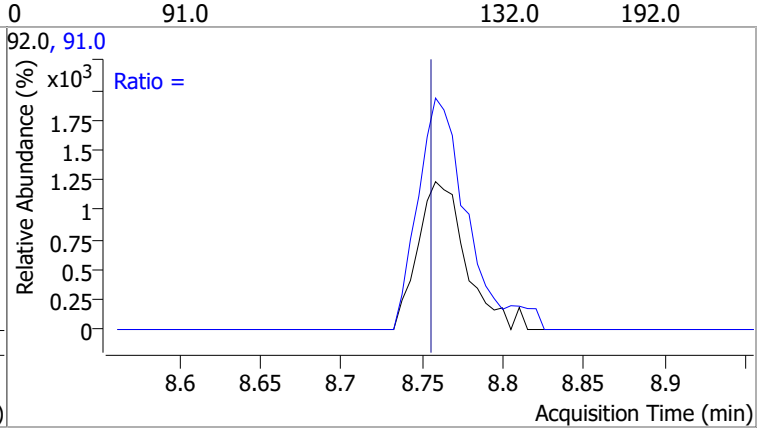




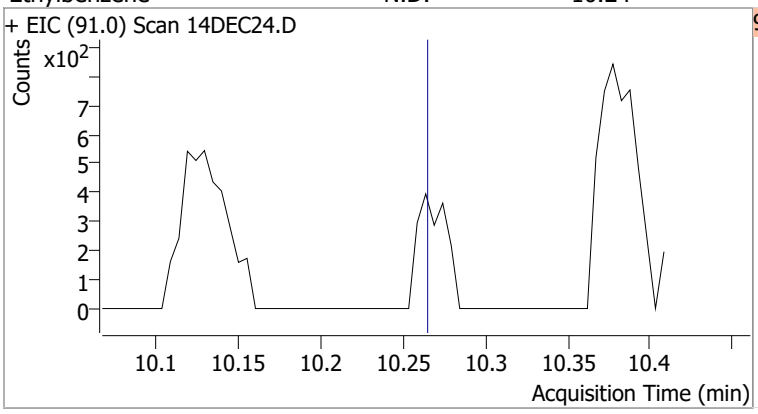


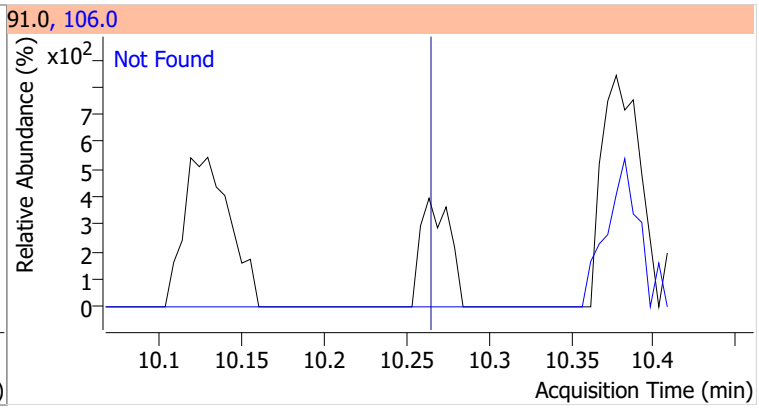
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		132.0	192.0



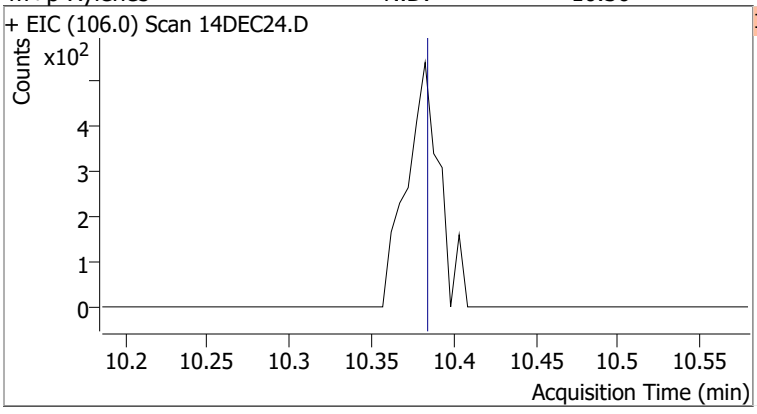


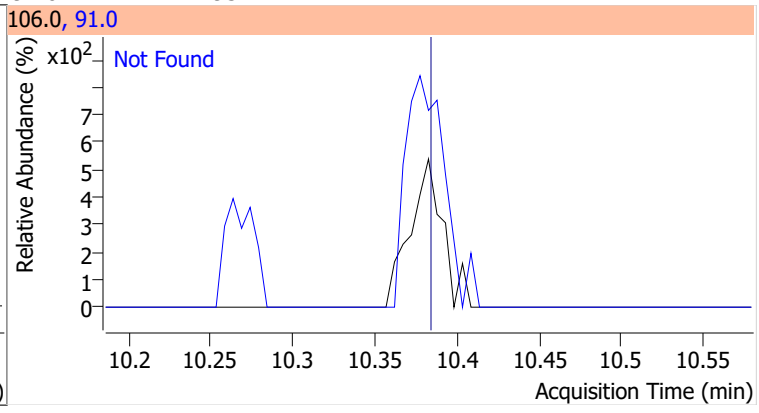
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	10.24	106.0	30.4



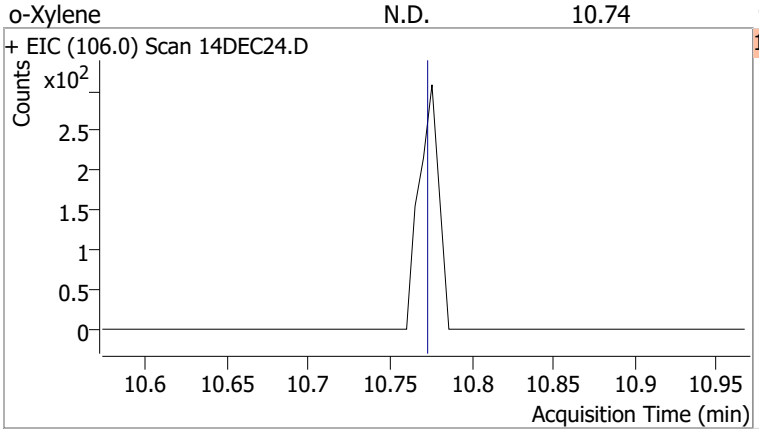


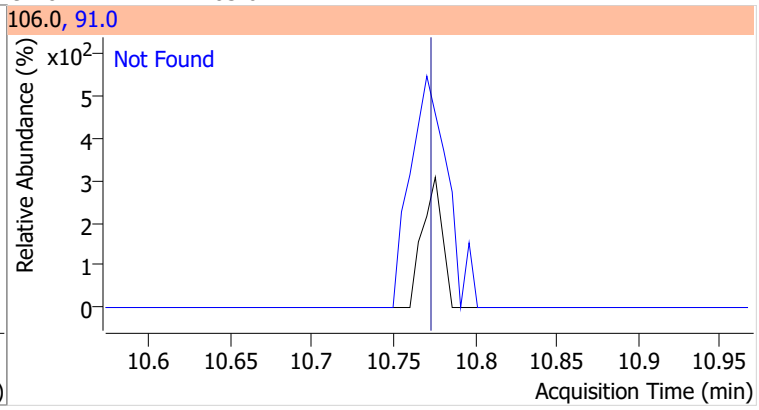
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.36	91.0	193.7



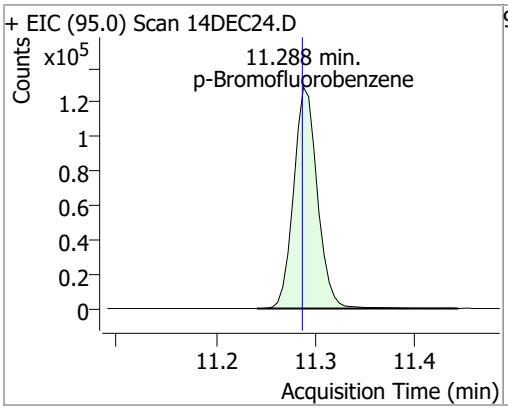


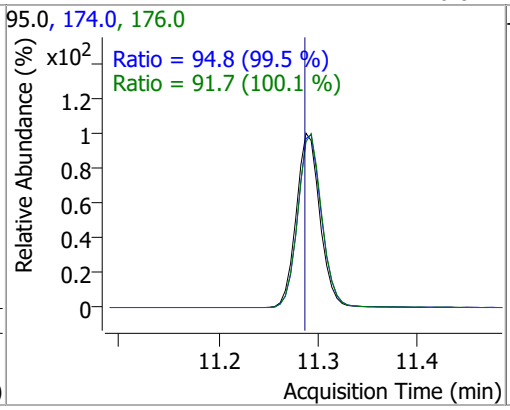
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.74	91.0	203.6

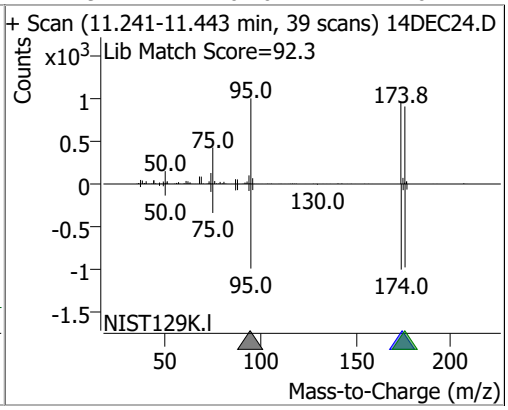




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	249.2494	11.29	0.03	213894	174.0	94.8	65.3	125.3
					176.0	91.7	61.6	121.6

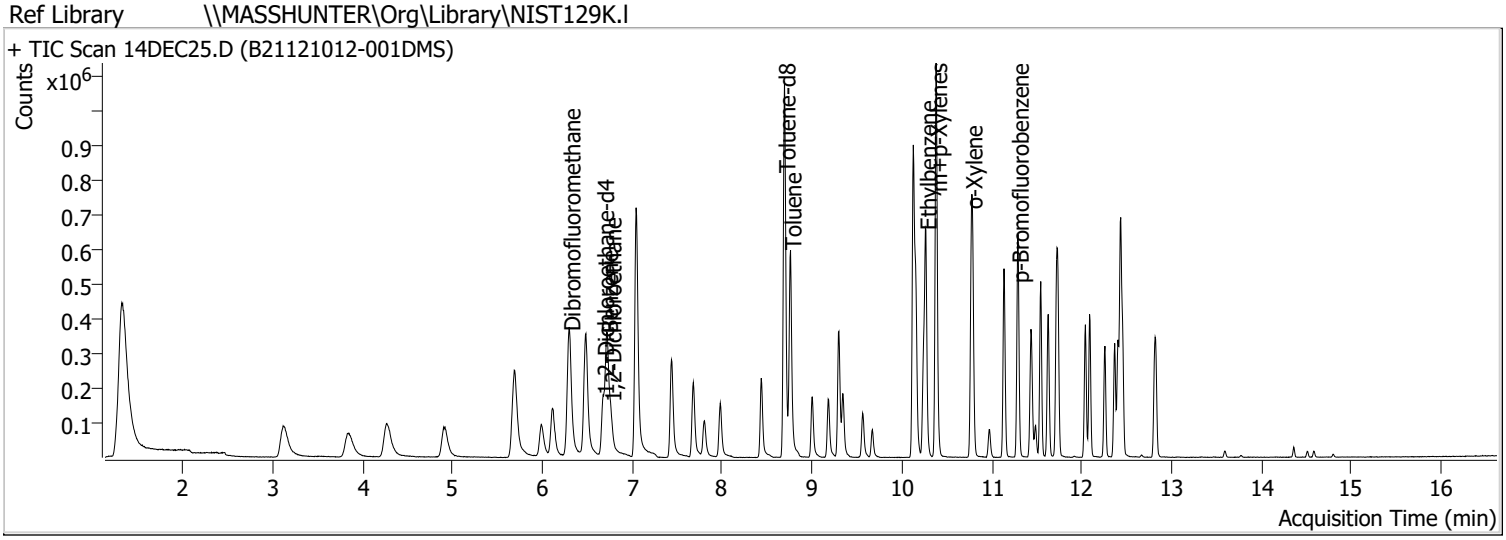






Quantitation Results Report (QT Reviewed)

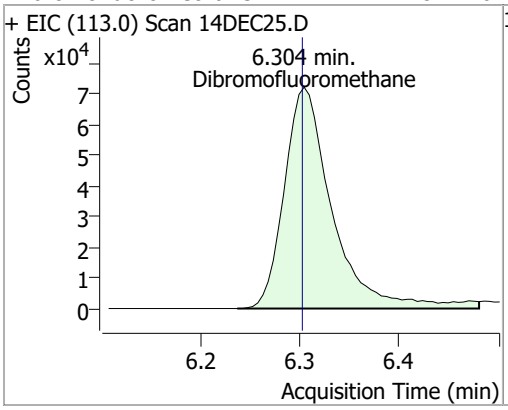
Data File	14DEC25.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 8:05:00 PM
Sample Name	B21121012-001DMS	Instrument	GC/MS Ins
Vial	25	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

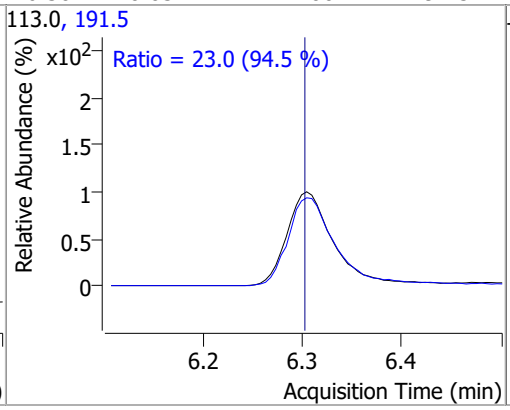


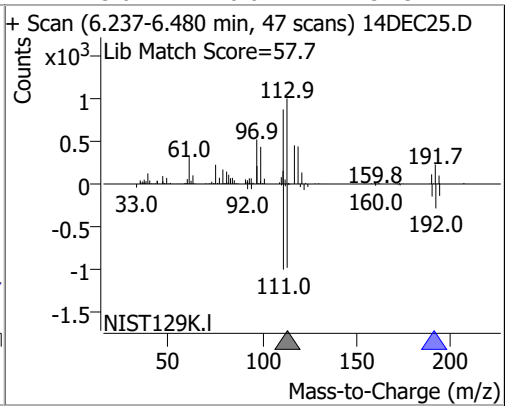
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.044	96.0	975876	250.0000	ng	0.030
M Chlorobenzene-d5	10.127	82.0	303258	250.0000	ng	0.030
M 1,4-Dichlorobenzene-d4	12.434	152.0	192368	250.0000	ng	0.030
System Monitoring Compounds						
S Dibromofluoromethane	6.304	113.0	242200	248.7716	ng	0.030
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 99.51%		
S 1,2-Dichloroethane-d4	6.676	67.0	90347	242.1019	ng	0.030
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 96.84%		
S Toluene-d8	8.694	98.0	867610	232.8415	ng	0.030
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.14%		
S p-Bromofluorobenzene	11.291	95.0	220169	246.8150	ng	0.030
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 98.73%		
Target Compounds						**QValue**
T Benzene	6.723	78.0	466630	114.7616	ng	99
T 1,2-Dichloroethane	6.759	62.0	93074	128.2112	ng	99
T Toluene	8.761	92.0	295051	115.0680	ng	100
T Ethylbenzene	10.266	91.0	480183	113.1921	ng	98
T m+p-Xylenes	10.380	106.0	348573	217.6345	ng	94
T o-Xylene	10.773	106.0	157569	111.2781	ng	95

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

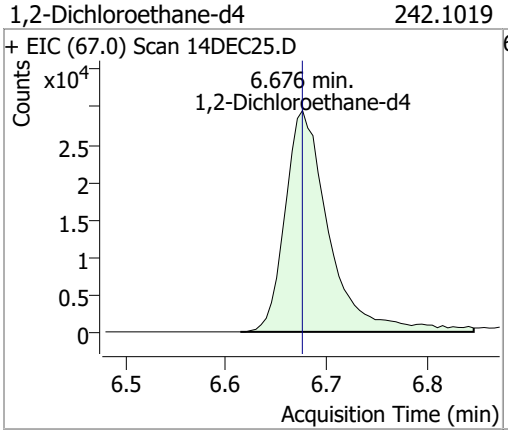
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	248.7716	6.30	0.03	242200	191.5	23.0	0.0	54.3

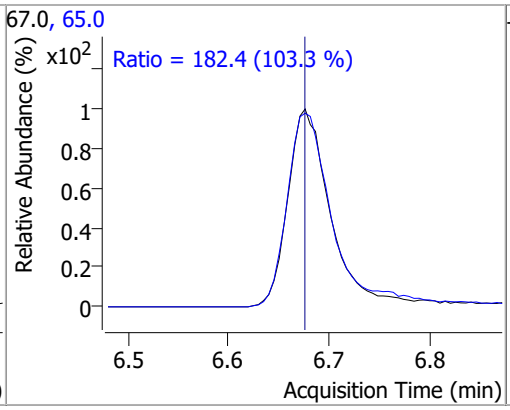


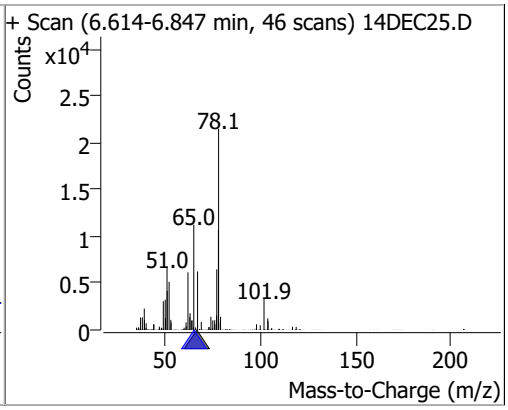




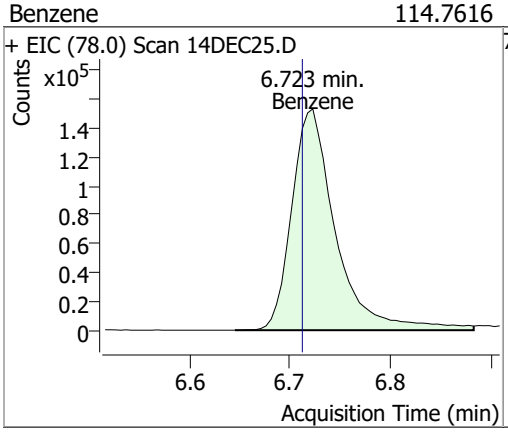
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	242.1019	6.68	0.03	90347	65.0	182.4	146.6	206.6

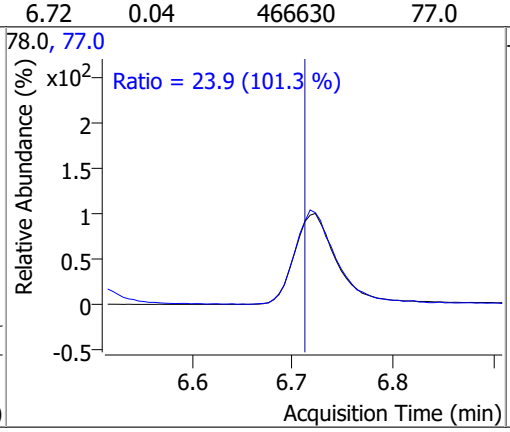


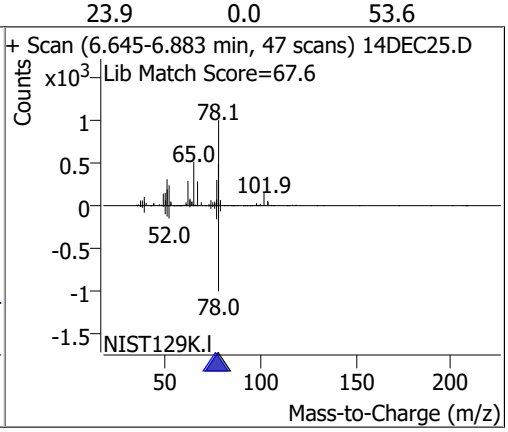




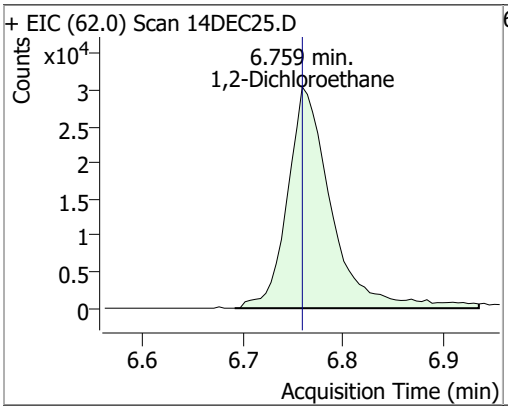
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	114.7616	6.72	0.04	466630	77.0	23.9	0.0	53.6

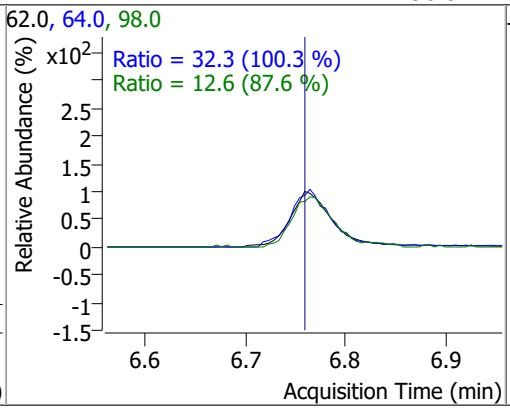


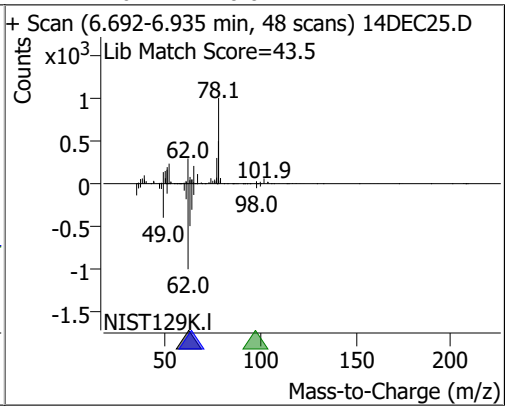




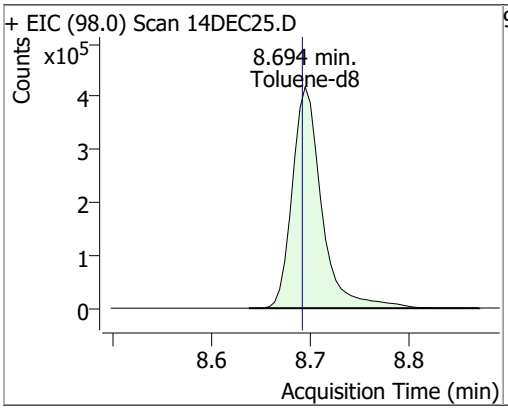
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	128.2112	6.76	0.03	93074	64.0	32.3	2.2	62.2
					98.0	12.6	0.0	44.4

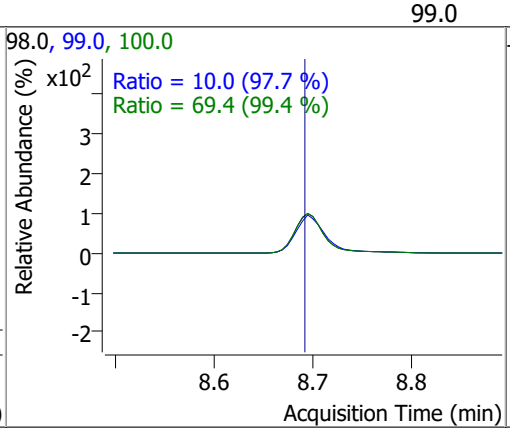


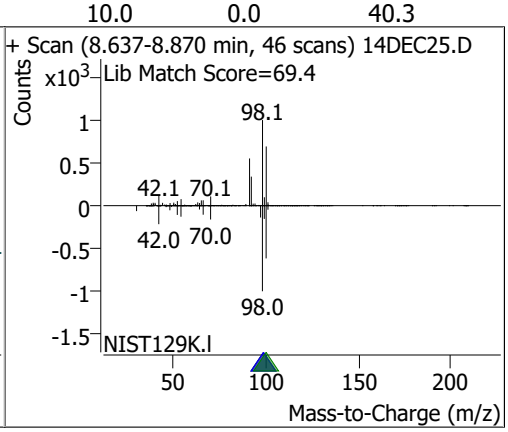




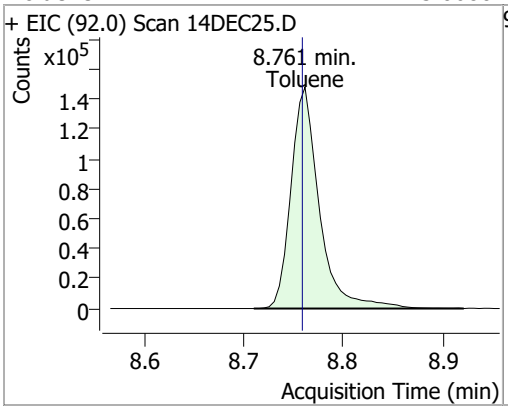
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	232.8415	8.69	0.03	867610	100.0	69.4	39.9	99.9
					99.0	10.0	0.0	40.3

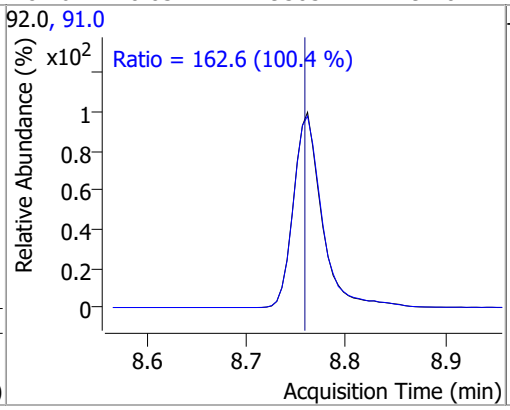


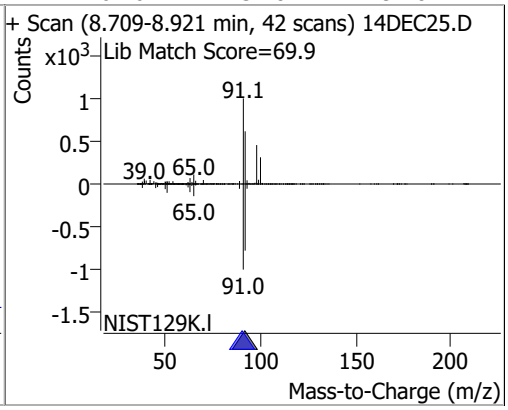




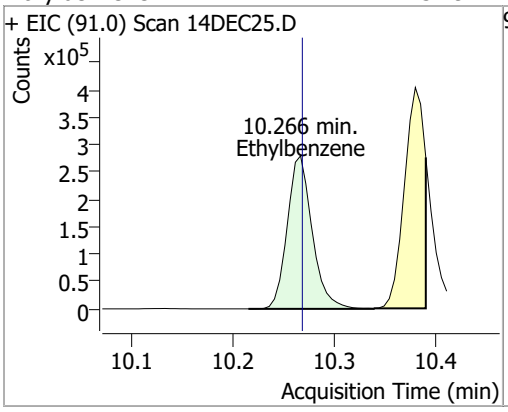
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	115.0680	8.76	0.03	295051	91.0	162.6	132.0	192.0

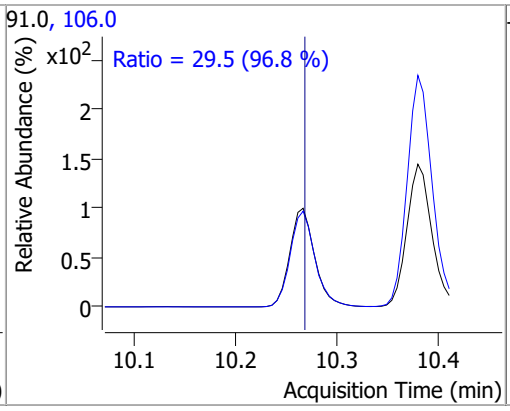


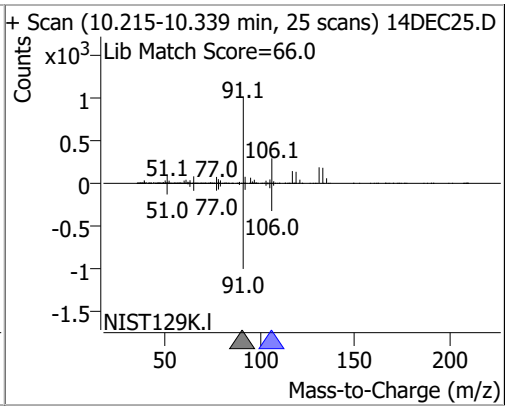




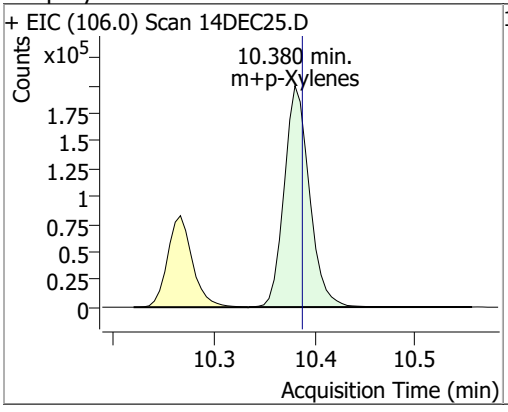
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	113.1921	10.27	0.03	480183	106.0	29.5	0.4	60.4

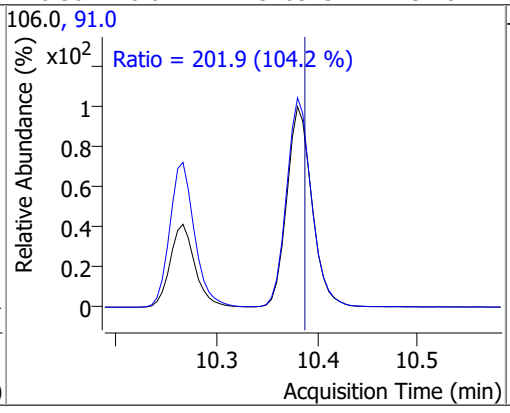


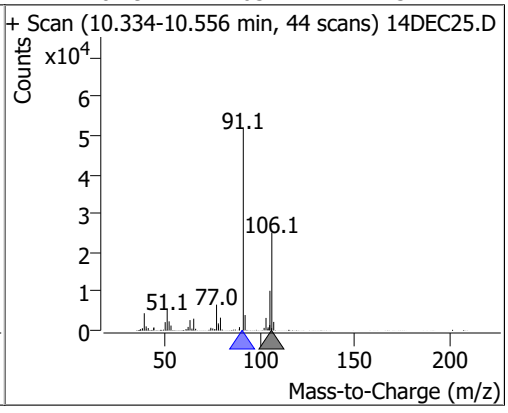




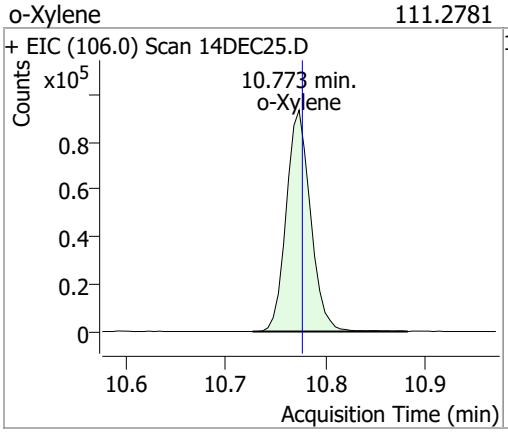
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	217.6345	10.38	0.02	348573	91.0	201.9	163.7	223.7

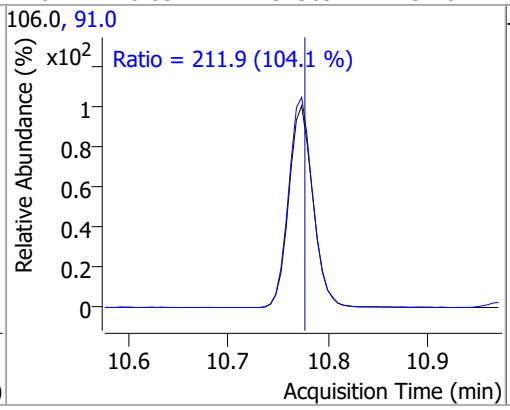


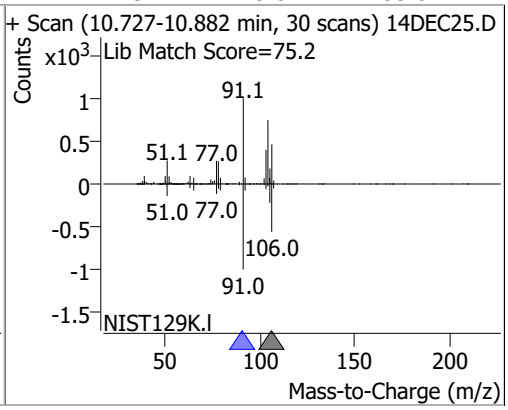




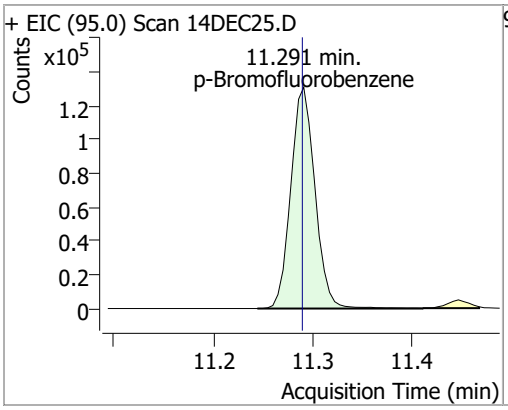
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	111.2781	10.77	0.03	157569	91.0	211.9	173.6	233.6

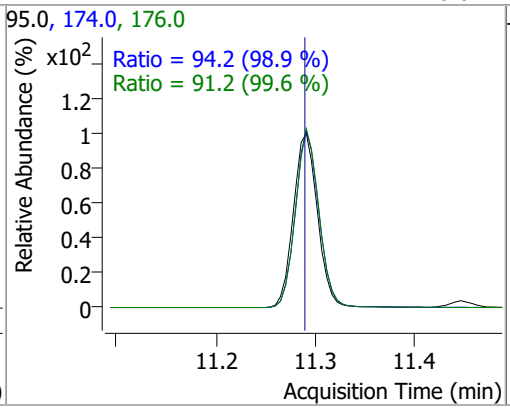


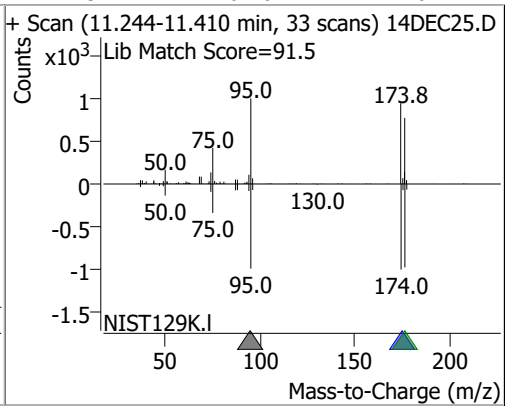




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	246.8150	11.29	0.03	220169	174.0	94.2	65.3	125.3
					176.0	91.2	61.6	121.6

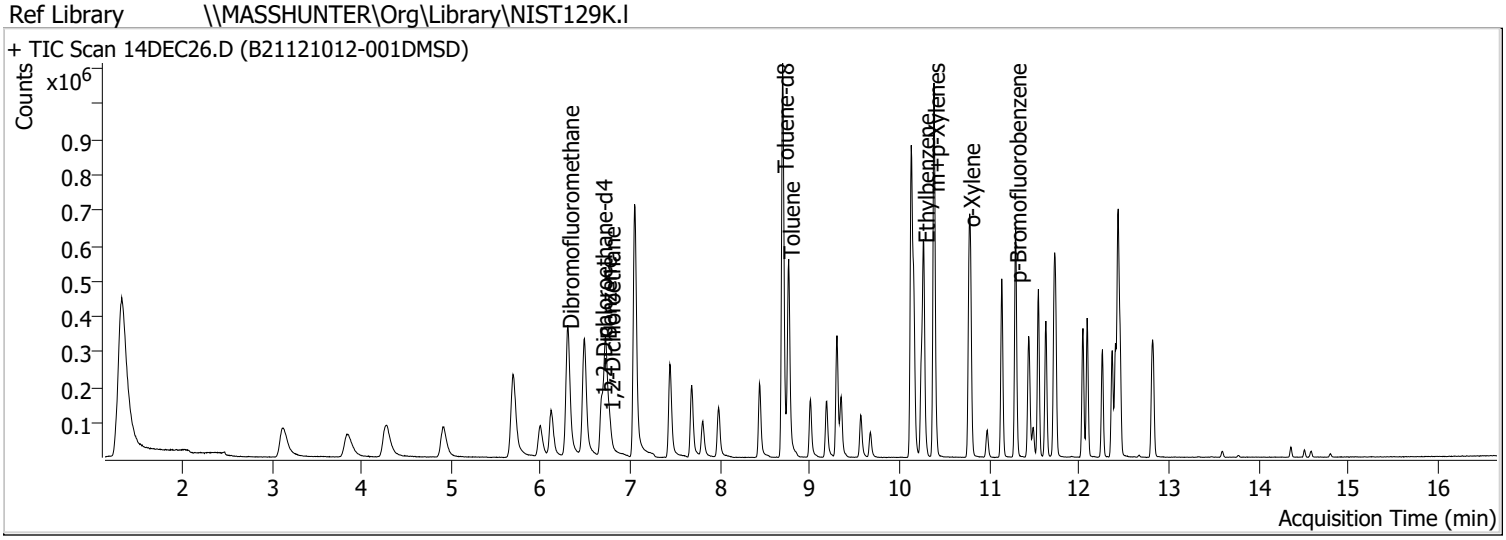






Quantitation Results Report (QT Reviewed)

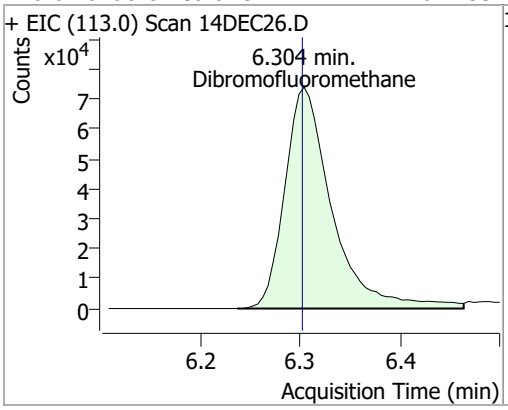
Data File	14DEC26.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 8:31:00 PM
Sample Name	B21121012-001DMSD	Instrument	GC/MS Ins
Vial	26	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

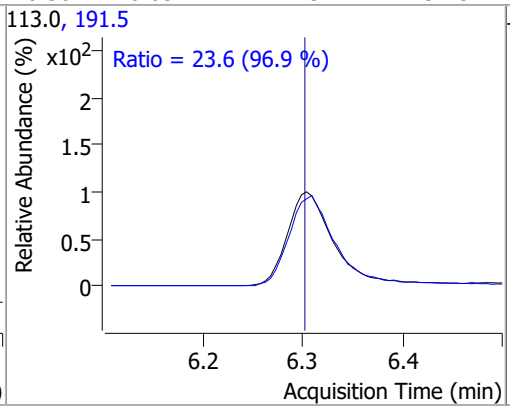


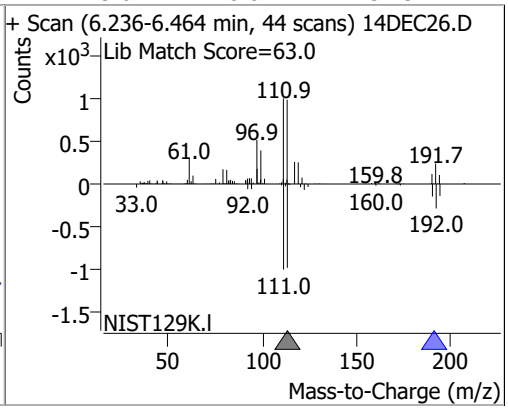
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.043	96.0	992091	250.0000	ng	0.030
M Chlorobenzene-d5	10.126	82.0	305140	250.0000	ng	0.030
M 1,4-Dichlorobenzene-d4	12.434	152.0	196562	250.0000	ng	0.030
System Monitoring Compounds						
S Dibromofluoromethane	6.304	113.0	244197	246.7233	ng	0.030
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 98.69%		
S 1,2-Dichloroethane-d4	6.676	67.0	93414	246.2292	ng	0.030
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 98.49%		
S Toluene-d8	8.694	98.0	891823	237.8634	ng	0.030
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.15%		
S p-Bromofluorobenzene	11.290	95.0	221870	243.4149	ng	0.030
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 97.37%		
Target Compounds						QValue
T Benzene	6.723	78.0	442562	107.0634	ng	100
T 1,2-Dichloroethane	6.764	62.0	87746	118.8962	ng	98
T Toluene	8.761	92.0	277965	107.7360	ng	99
T Ethylbenzene	10.266	91.0	449092	105.2102	ng	99
T m+p-Xylenes	10.380	106.0	327845	203.4303	ng	95
T o-Xylene	10.773	106.0	147980	103.8616	ng	92

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

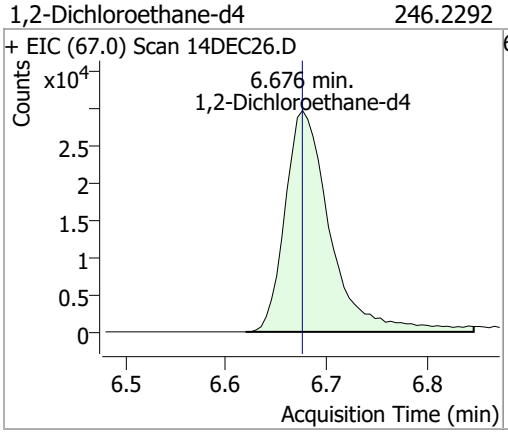
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	246.7233	6.30	0.03	244197	191.5	23.6	0.0	54.3

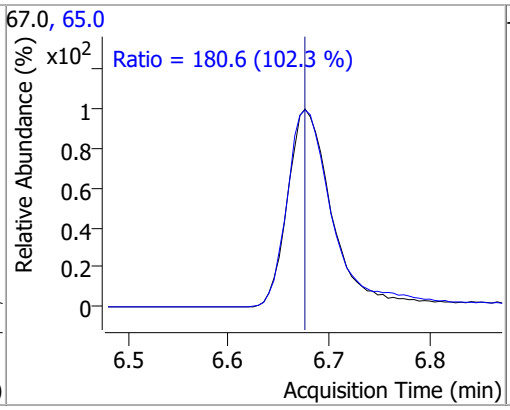


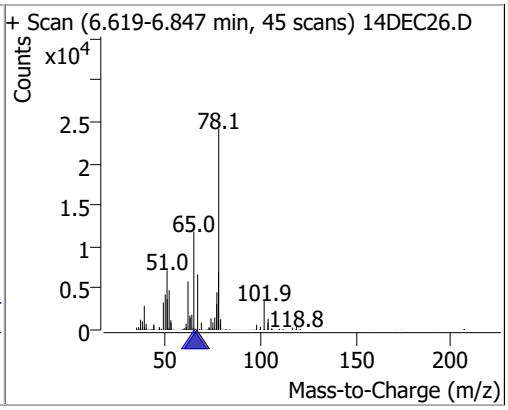




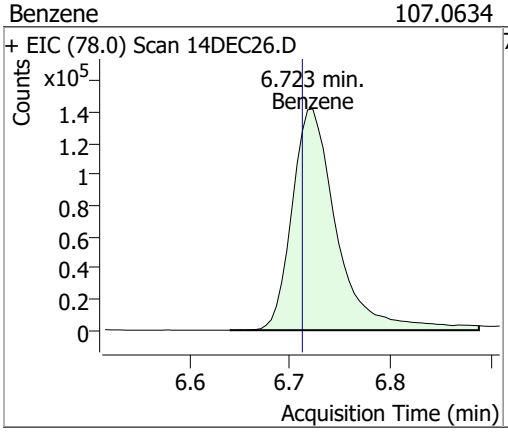
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	246.2292	6.68	0.03	93414	65.0	180.6	146.6	206.6

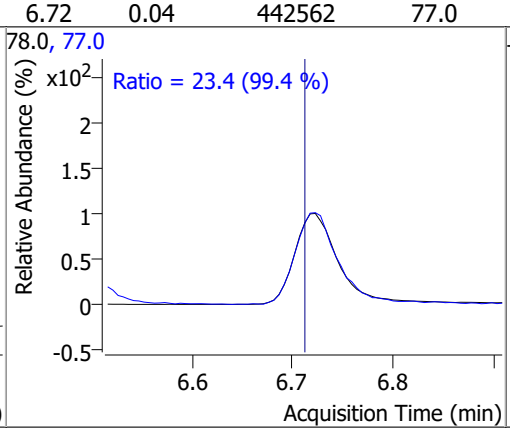


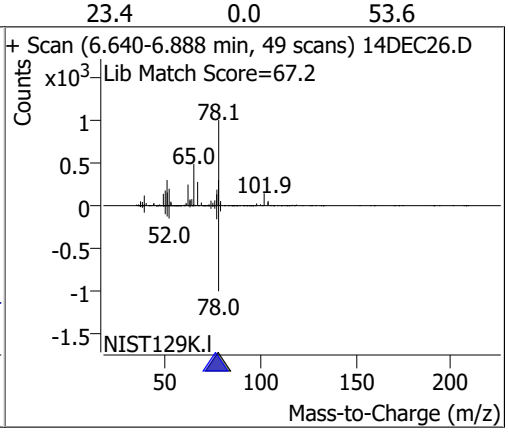




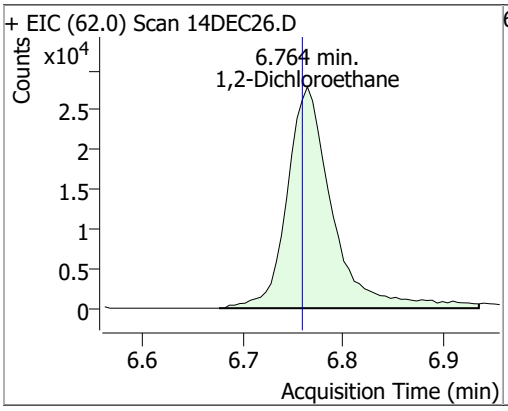
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	107.0634	6.72	0.04	442562	77.0	23.4	0.0	53.6

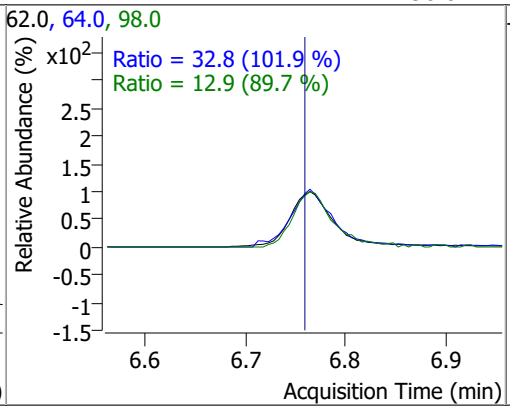


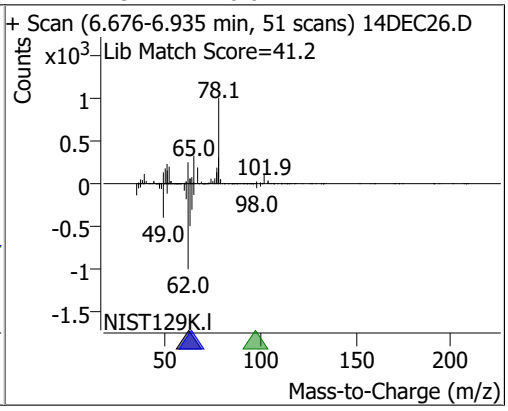




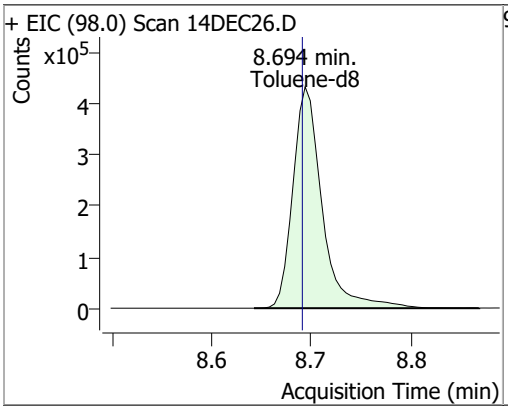
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	118.8962	6.76	0.03	87746	64.0	32.8	2.2	62.2
					98.0	12.9	0.0	44.4

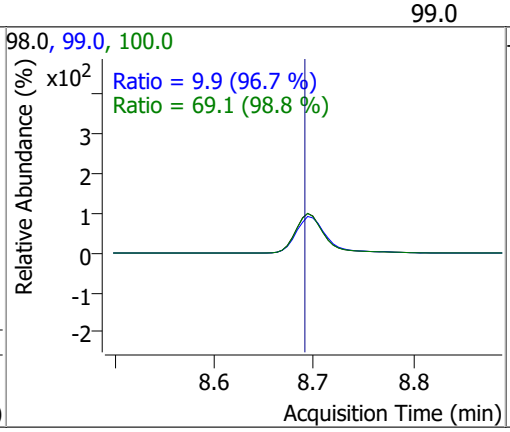


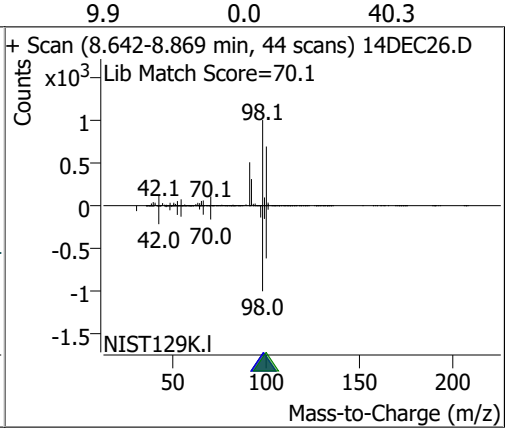




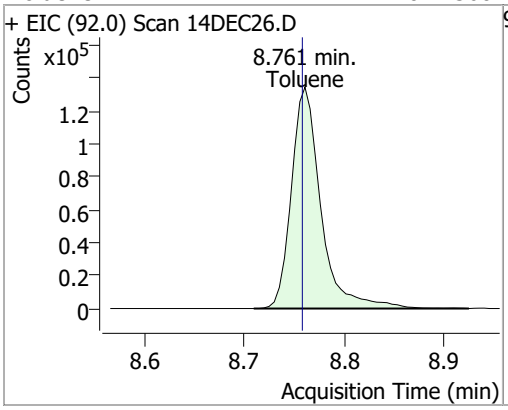
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	237.8634	8.69	0.03	891823	100.0	69.1	39.9	99.9
					99.0	9.9	0.0	40.3

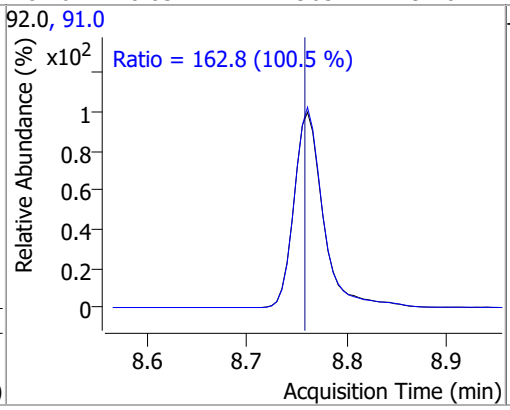


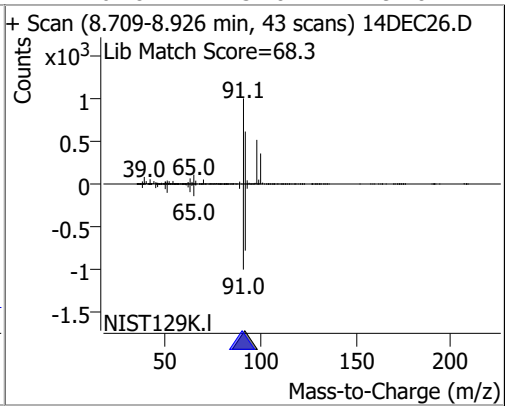




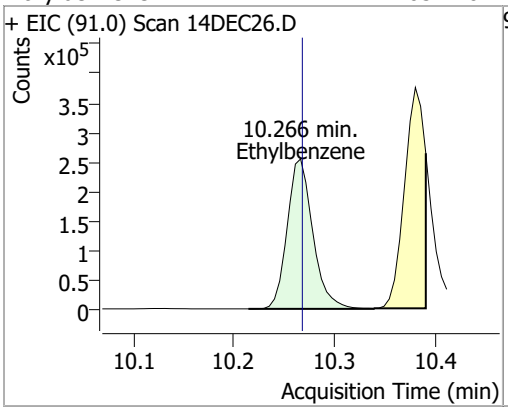
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	107.7360	8.76	0.03	277965	91.0	162.8	132.0	192.0

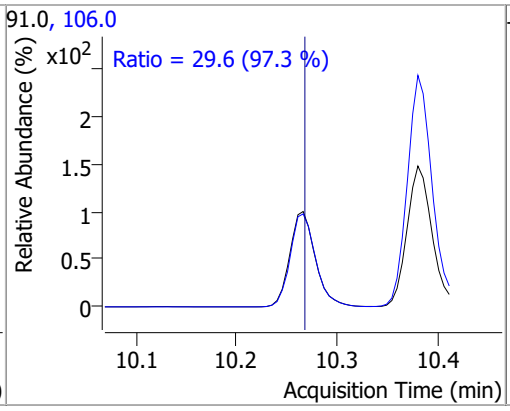


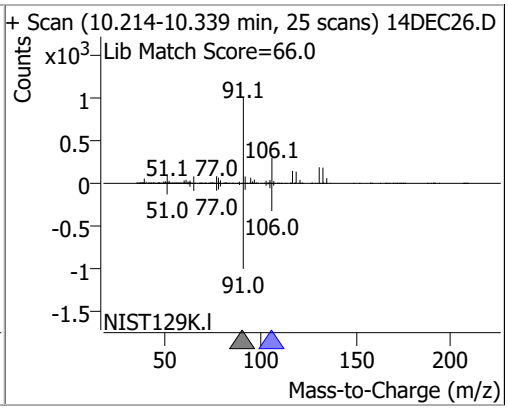




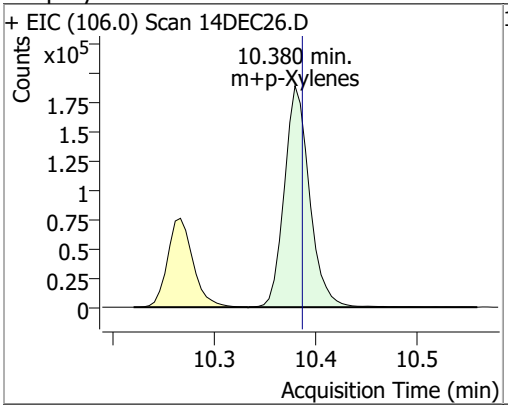
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	105.2102	10.27	0.03	449092	106.0	29.6	0.4	60.4

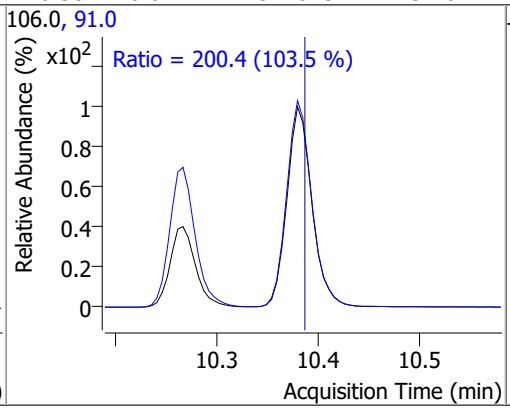


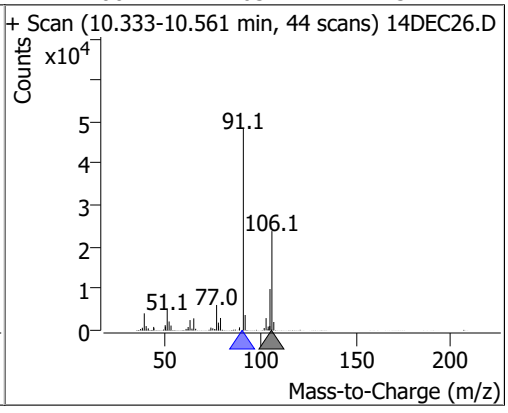




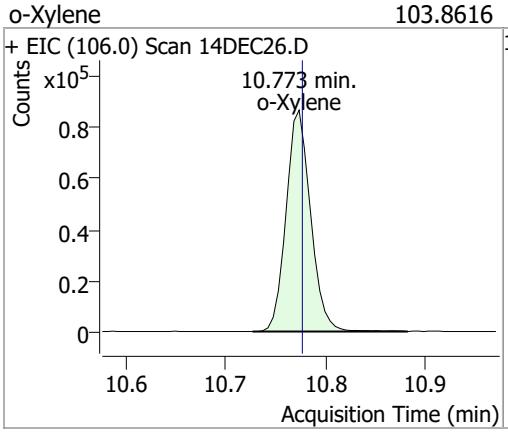
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	203.4303	10.38	0.02	327845	91.0	200.4	163.7	223.7

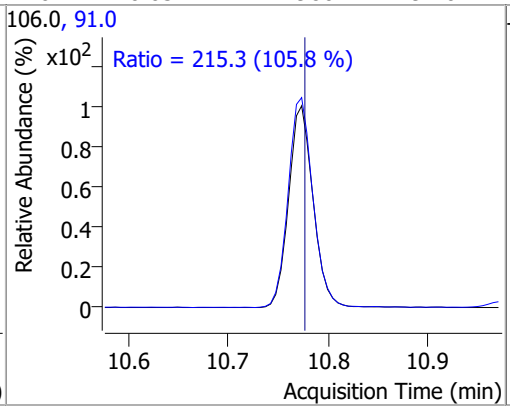


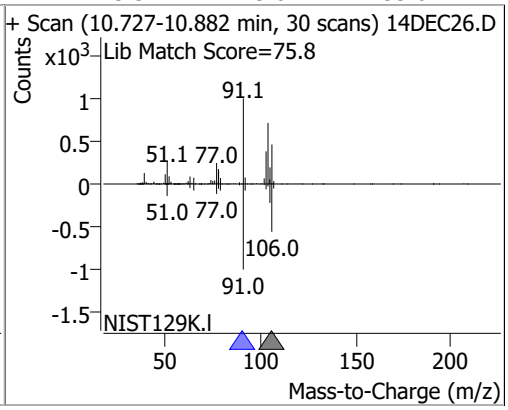




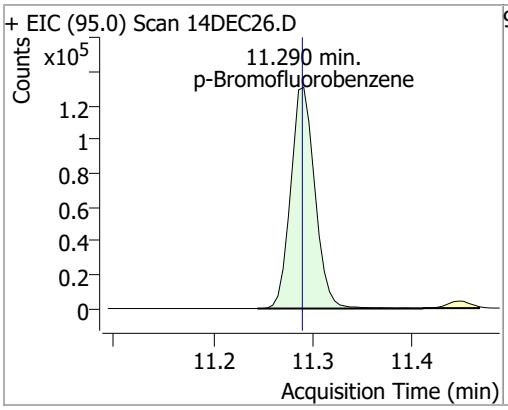
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	103.8616	10.77	0.03	147980	91.0	215.3	173.6	233.6

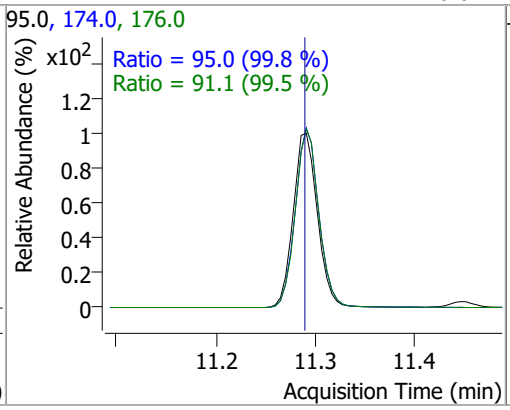


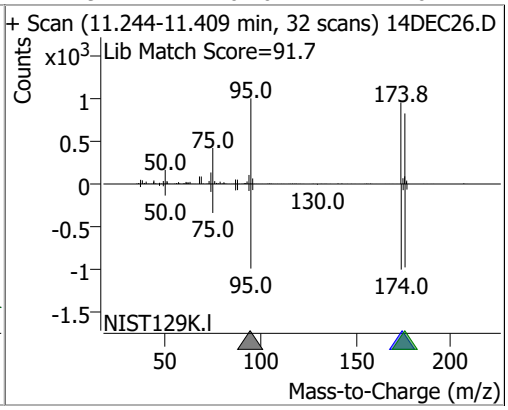




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	243.4149	11.29	0.03	221870	174.0	95.0	65.3	125.3
					176.0	91.1	61.6	121.6

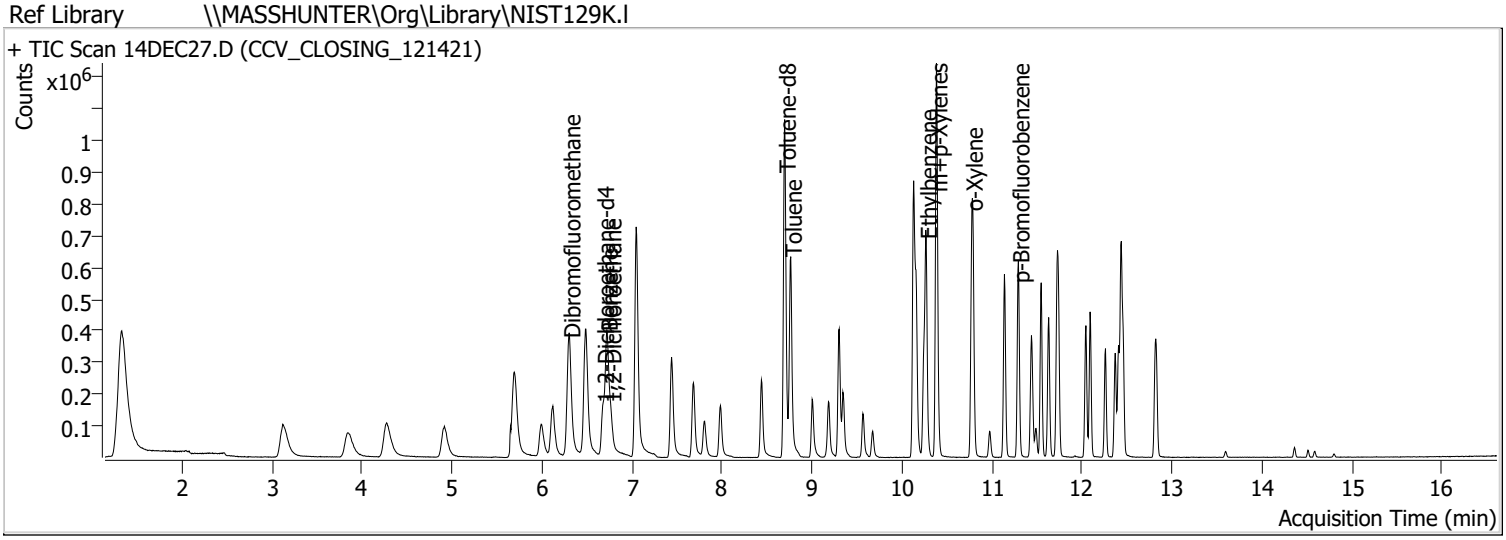






Quantitation Results Report (QT Reviewed)

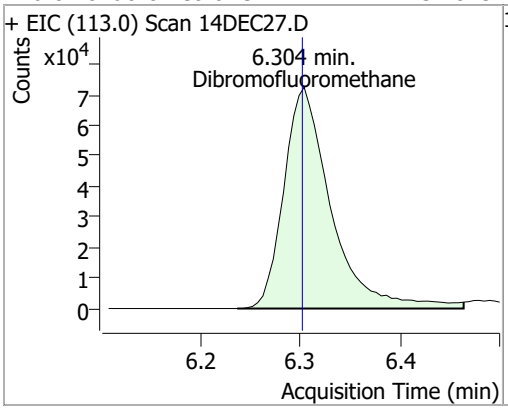
Data File	14DEC27.D	Operator	SBD
Acq. Method	5972ACQ	Acq. Date-Time	12/14/2021 8:56:00 PM
Sample Name	CCV_CLOSING_121421	Instrument	GC/MS Ins
Vial	27	Multiplier	1.00
DA Method File	SV5972_8260B_624pt1_BTEX_L4_120321.m	Comment	
Tune File	5972.u	Tune Date	12/3/2021 10:44:00 AM
Batch Name	SB121421_8260B_624pt1.batch.bin	Last Calib Update	12/15/2021 1:38:47 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

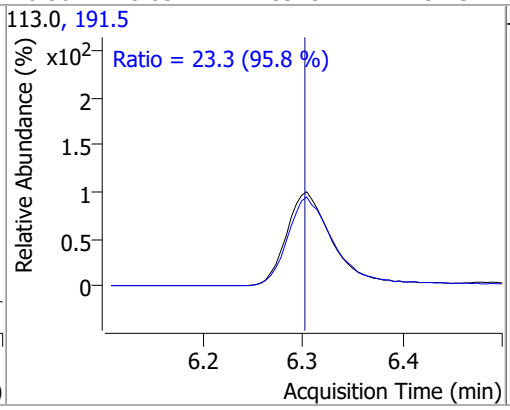


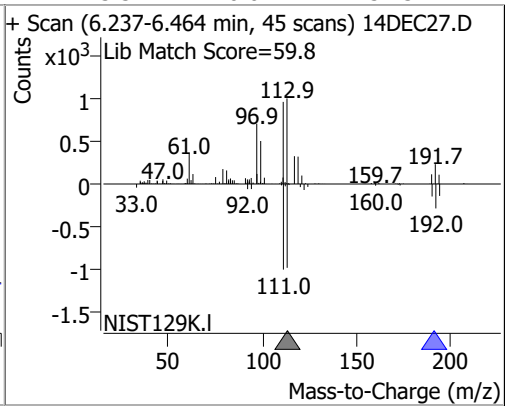
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	7.044	96.0	984557	250.0000	ng	0.030
M Chlorobenzene-d5	10.127	82.0	298676	250.0000	ng	0.030
M 1,4-Dichlorobenzene-d4	12.434	152.0	189240	250.0000	ng	0.030
System Monitoring Compounds						
S Dibromofluoromethane	6.304	113.0	239454	243.7825	ng	0.030
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 97.51%		
S 1,2-Dichloroethane-d4	6.676	67.0	89911	238.8092	ng	0.030
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 95.52%		
S Toluene-d8	8.694	98.0	868977	236.7861	ng	0.030
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.71%		
S p-Bromofluorobenzene	11.290	95.0	215860	245.9843	ng	0.030
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 98.39%		
Target Compounds						**QValue**
T Benzene	6.718	78.0	524031	127.7423	ng	100
T 1,2-Dichloroethane	6.759	62.0	100718	137.5177	ng	97
T Toluene	8.761	92.0	318849	126.2567	ng	99
T Ethylbenzene	10.266	91.0	516679	123.6637	ng	98
T m+p-Xylenes	10.380	106.0	383900	243.3684	ng	95
T o-Xylene	10.773	106.0	169612	121.6207	ng	95

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

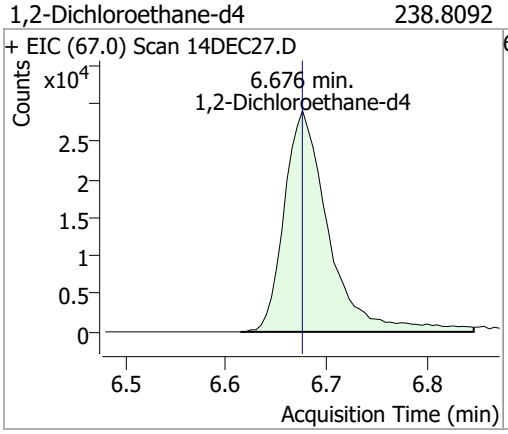
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	243.7825	6.30	0.03	239454	191.5	23.3	0.0	54.3

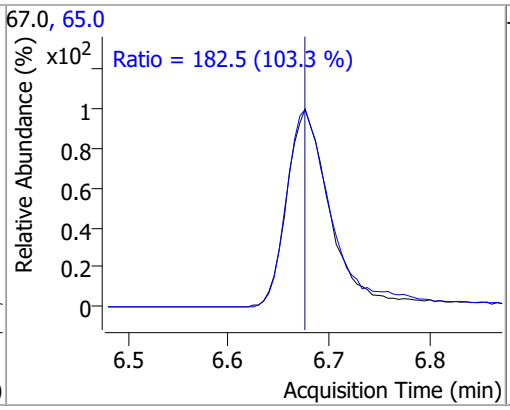


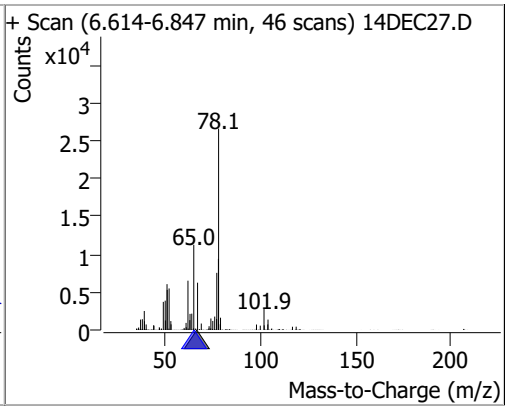




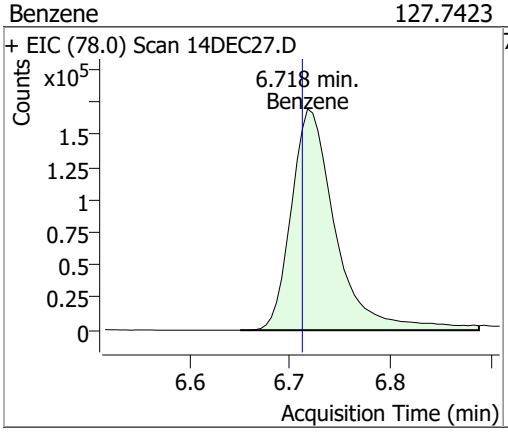
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	238.8092	6.68	0.03	89911	65.0	182.5	146.6	206.6

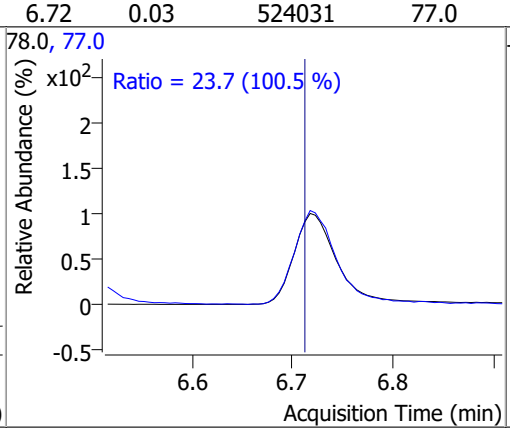


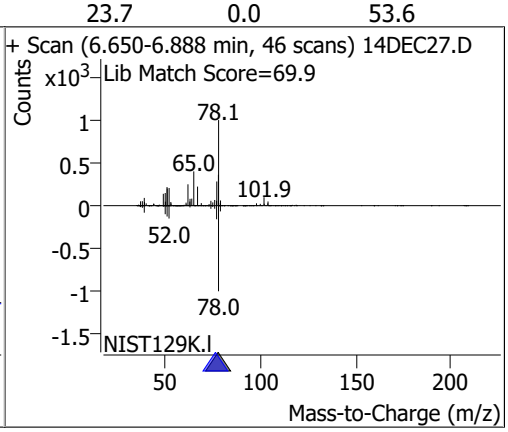




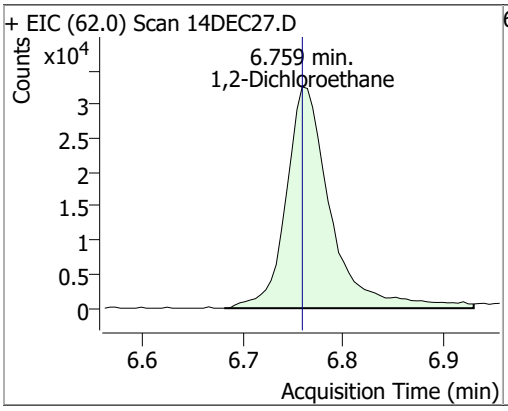
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	127.7423	6.72	0.03	524031	77.0	23.7	0.0	53.6

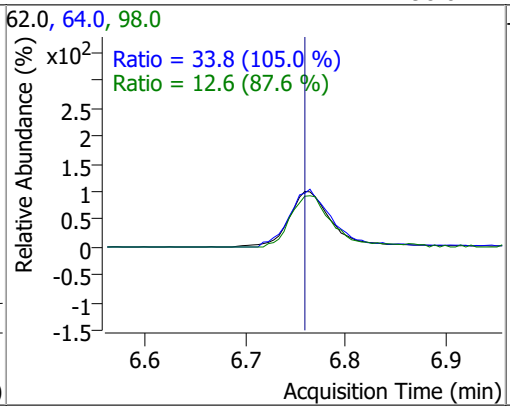


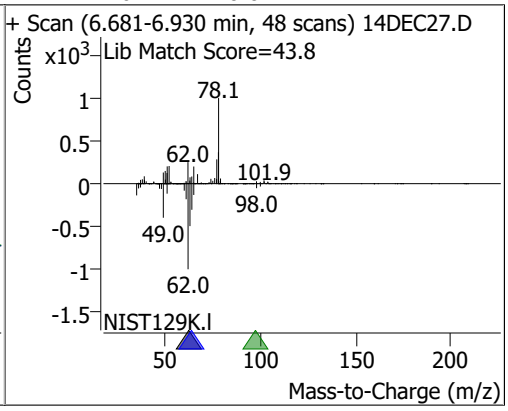




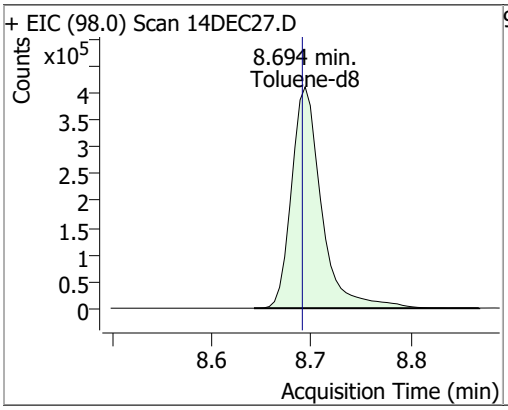
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	137.5177	6.76	0.03	100718	64.0	33.8	2.2	62.2
					98.0	12.6	0.0	44.4

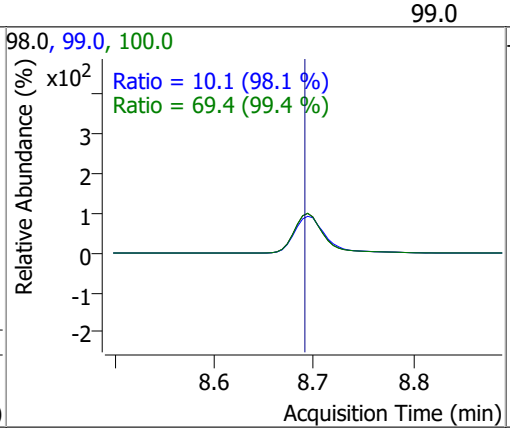


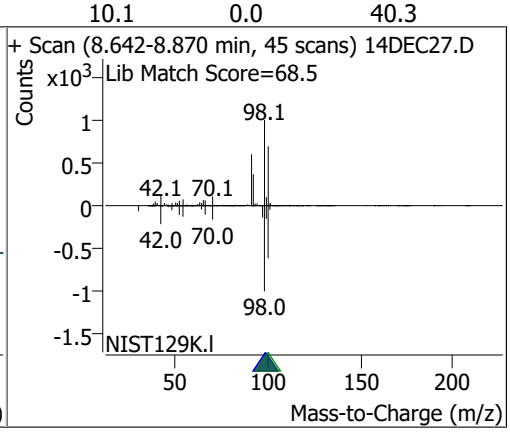




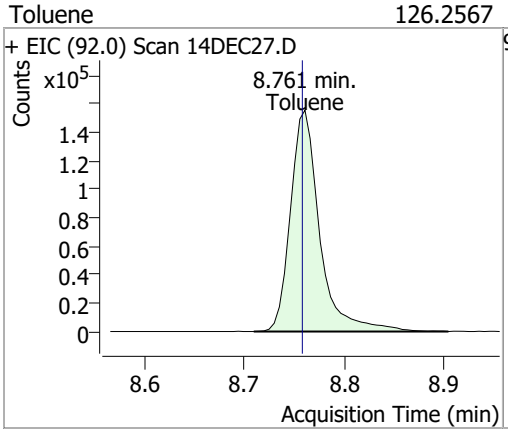
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	236.7861	8.69	0.03	868977	100.0	69.4	39.9	99.9
					99.0	10.1	0.0	40.3

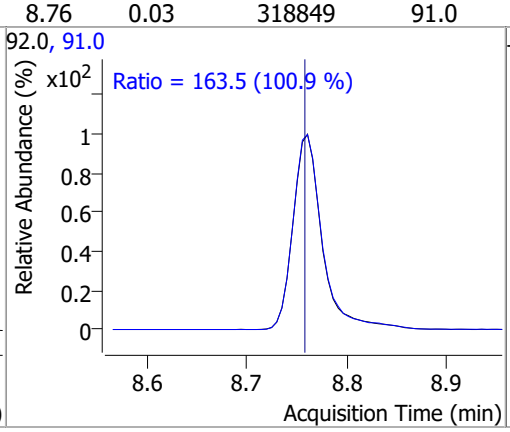


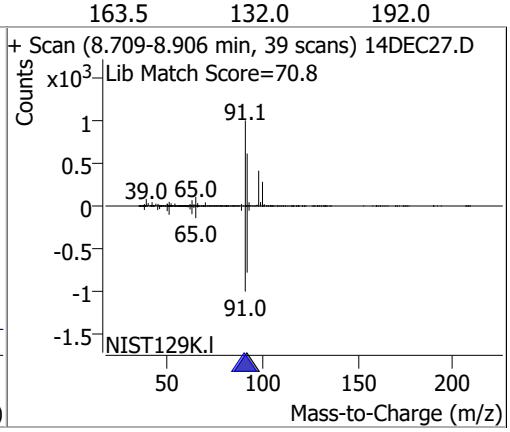




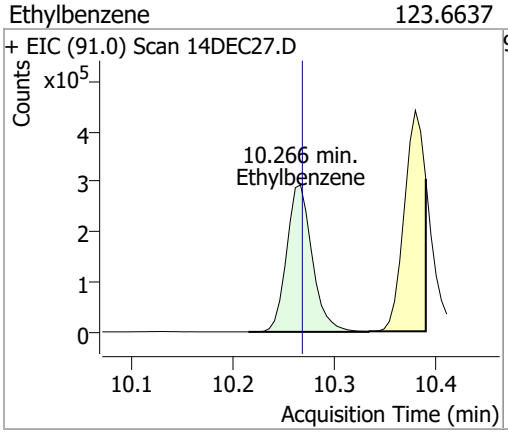
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	126.2567	8.76	0.03	318849	91.0	163.5	132.0	192.0

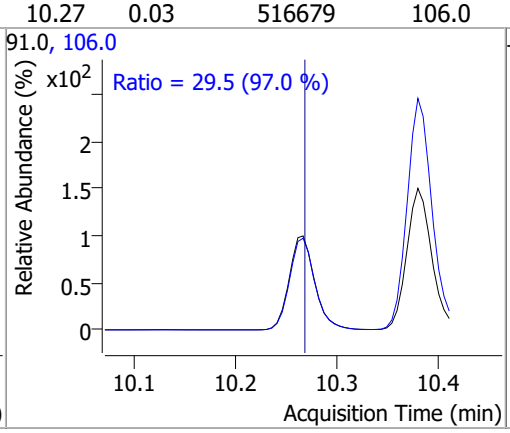


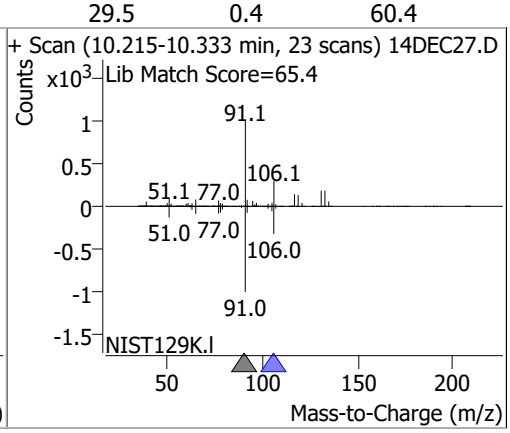




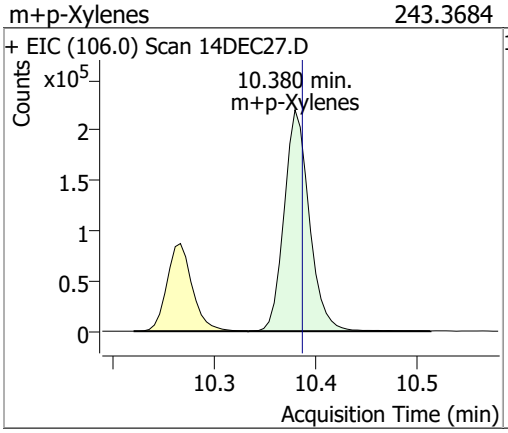
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	123.6637	10.27	0.03	516679	106.0	29.5	0.4	60.4

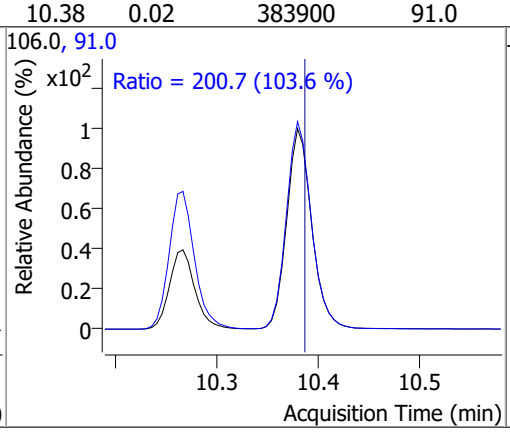


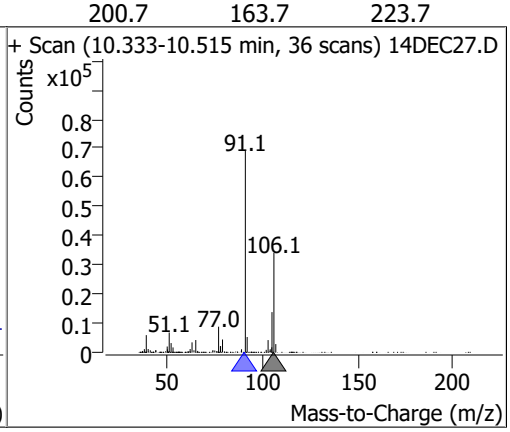




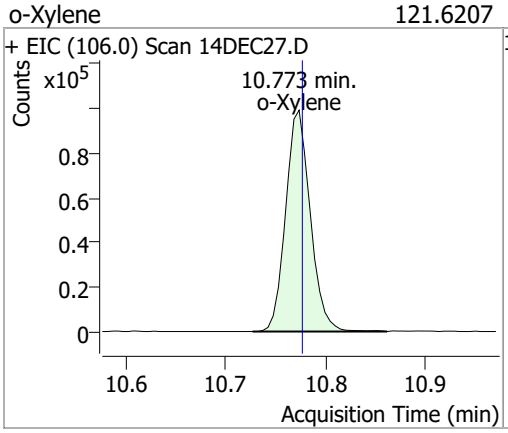
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	243.3684	10.38	0.02	383900	91.0	200.7	163.7	223.7

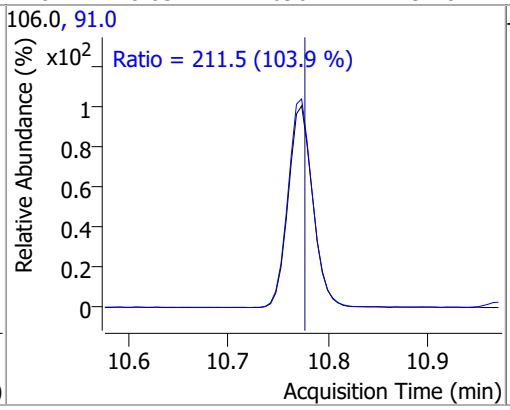


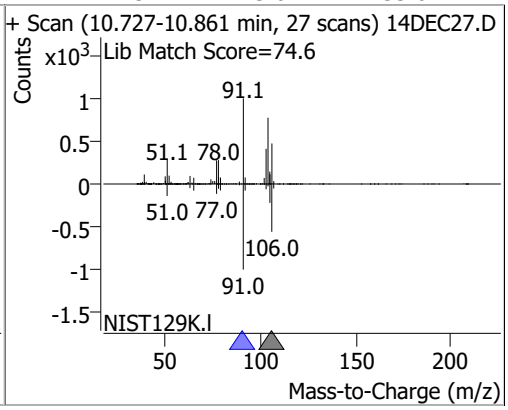




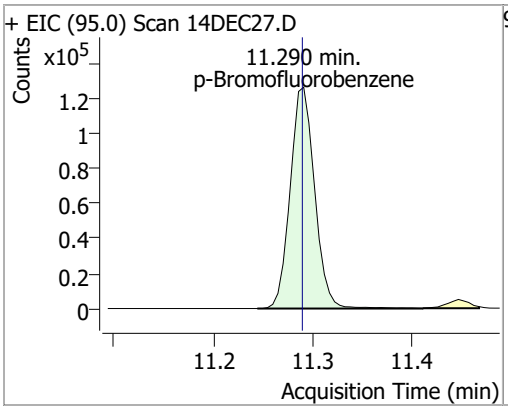
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	121.6207	10.77	0.03	169612	91.0	211.5	173.6	233.6

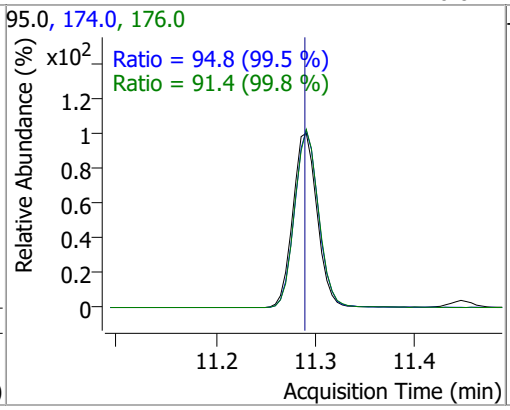


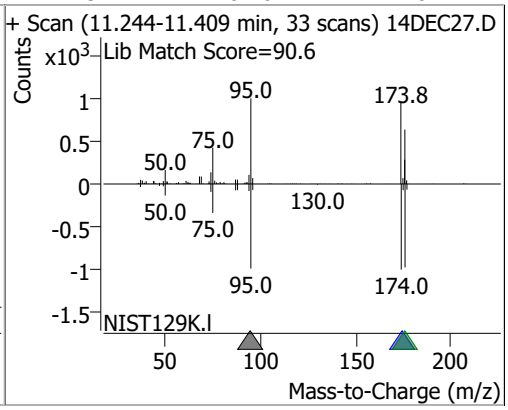




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	245.9843	11.29	0.03	215860	174.0	94.8	65.3	125.3
					176.0	91.4	61.6	121.6







Audit Trail report

Batch name and path: D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\steve	12/14/2021 11:18:06 AM	Create new batch D:\Org\Data\SV5972.I\SB121421\SB121421_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/14/2021 11:18:20 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121421\14DEC03.D, D:\Org\Data\SV5972.I\SB121421\14DEC02.D, D:\Org\Data\SV5972.I\SB121421\14DEC01.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/14/2021 11:18:27 AM	Set SampleType = TuneCheck for sample 14DEC02.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/14/2021 11:18:33 AM	Set SampleType = CC for sample 14DEC03.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/14/2021 11:18:44 AM	Set LevelName = CC for sample 14DEC03.D; previous value =			✓	
CmdStartMethodEditing	BL2000\steve	12/14/2021 11:20:03 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\steve	12/14/2021 11:20:05 AM	Import method from batch D:\Org\Data\SV5972.I\SB121321\SB121321_8260B_624pt1_2.batch.bin			✓	
CmdMethodClear	BL2000\steve	12/14/2021 11:20:11 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/14/2021 11:20:11 AM	End method editing			✓	
CmdStartMethodEditing	BL2000\steve	12/14/2021 11:20:29 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\steve	12/14/2021 11:20:29 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/14/2021 11:20:35 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\steve	12/14/2021 11:20:35 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/14/2021 11:20:35 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/14/2021 11:20:37 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/14/2021 11:21:03 AM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\steve	12/14/2021 11:39:02 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121421\14DEC04.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/14/2021 11:39:11 AM	Set SampleType = QC for sample 14DEC04.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/14/2021 11:39:15 AM	Set LevelName = QC for sample 14DEC04.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/14/2021 11:39:25 AM	Set SampleInformation = LCSA for sample 14DEC04.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/14/2021 11:39:28 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/14/2021 11:40:14 AM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/14/2021 11:40:23 AM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/14/2021 12:57:06 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121421\14DEC07.D, D:\Org\Data\SV5972.I\SB121421\14DEC06.D, D:\Org\Data\SV5972.I\SB121421\14DEC05.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/14/2021 12:57:39 PM	Set SampleType = Blank for sample 14DEC06.D; previous value = Sample			✓	
CmdQuantitate	BL2000\steve	12/14/2021 12:57:48 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/14/2021 1:00:41 PM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/14/2021 1:01:00 PM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/14/2021 1:07:17 PM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/14/2021 1:49:53 PM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121421\14DEC09.D, D:\Org\Data\SV5972.I\SB121421\14DEC08.D			✓	
CmdQuantitate	BL2000\steve	12/14/2021 1:50:04 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/14/2021 1:51:03 PM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/14/2021 2:09:11 PM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/15/2021 9:15:19 AM	Open batch D:\Org\Data\SV5972.I\SB121421\SB121421_8260B_624pt1.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\steve	12/15/2021 9:17:37 AM	Add samples from worklist: D:\Org\Data\SV5972.I\SB121421\14DEC30.D, D:\Org\Data\SV5972.I\SB121421\14DEC29.D, D:\Org\Data\SV5972.I\SB121421\14DEC28.D, D:\Org\Data\SV5972.I\SB121421\14DEC27.D, D:\Org\Data\SV5972.I\SB121421\14DEC26.D, D:\Org\Data\SV5972.I\SB121421\14DEC25.D, D:\Org\Data\SV5972.I\SB121421\14DEC24.D, D:\Org\Data\SV5972.I\SB121421\14DEC23.D, D:\Org\Data\SV5972.I\SB121421\14DEC22.D, D:\Org\Data\SV5972.I\SB121421\14DEC21.D, D:\Org\Data\SV5972.I\SB121421\14DEC20.D, D:\Org\Data\SV5972.I\SB121421\14DEC19.D, D:\Org\Data\SV5972.I\SB121421\14DEC18.D, D:\Org\Data\SV5972.I\SB121421\14DEC17.D, D:\Org\Data\SV5972.I\SB121421\14DEC16.D, D:\Org\Data\SV5972.I\SB121421\14DEC15.D, D:\Org\Data\SV5972.I\SB121421\14DEC14.D, D:\Org\Data\SV5972.I\SB121421\14DEC13.D, D:\Org\Data\SV5972.I\SB121421\14DEC12.D, D:\Org\Data\SV5972.I\SB121421\14DEC11.D, D:\Org\Data\SV5972.I\SB121421\14DEC10.D			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:18:28 AM	Set SampleType = Matrix for sample 14DEC25.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:18:32 AM	Set SampleType = MatrixDup for sample 14DEC26.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:18:44 AM	Set SampleType = CC for sample 14DEC27.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:18:55 AM	Set LevelName = CC for sample 14DEC27.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:19:06 AM	Set SampleInformation = MatrixA for sample 14DEC25.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:19:17 AM	Set SampleInformation = MatrixA for sample 14DEC26.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:19:25 AM	Set MatrixSpikeGroup = 1012_1 for sample 14DEC25.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:19:34 AM	Set MatrixSpikeGroup = 1012_1 for sample 14DEC26.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:19:56 AM	Set MatrixSpikeGroup = 1012_1 for sample 14DEC09.D; previous value =			✓	
CmdQuantitate	BL2000\steve	12/15/2021 9:20:16 AM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\steve	12/15/2021 9:21:47 AM	Zero out primary peak of compound Benzene in sample 14DEC15.D			✓	
CmdZeroOutPeak	BL2000\steve	12/15/2021 9:21:51 AM	Zero out primary peak of compound Ethylbenzene in sample 14DEC15.D			✓	
CmdZeroOutPeak	BL2000\steve	12/15/2021 9:22:28 AM	Zero out primary peak of compound Toluene in sample 14DEC18.D			✓	
CmdZeroOutPeak	BL2000\steve	12/15/2021 9:22:34 AM	Zero out primary peak of compound Toluene in sample 14DEC19.D			✓	
CmdZeroOutPeak	BL2000\steve	12/15/2021 9:22:44 AM	Zero out primary peak of compound Toluene in sample 14DEC20.D			✓	
CmdZeroOutPeak	BL2000\steve	12/15/2021 9:22:54 AM	Zero out primary peak of compound Toluene in sample 14DEC22.D			✓	
CmdZeroOutPeak	BL2000\steve	12/15/2021 9:22:59 AM	Zero out primary peak of compound Toluene in sample 14DEC23.D			✓	
CmdZeroOutPeak	BL2000\steve	12/15/2021 9:23:04 AM	Zero out primary peak of compound Toluene in sample 14DEC24.D			✓	
CmdSaveBatchTable	BL2000\steve	12/15/2021 9:23:40 AM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/15/2021 9:29:02 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\steve	12/15/2021 9:29:23 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\steve	12/15/2021 9:29:24 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\SV5972\SV5972_120321_CAL\SV5972_8260B_624pt1_BTEX_L4_120321.m			✓	
CmdApplyMethodToAllSamples	BL2000\steve	12/15/2021 9:29:30 AM	Apply method to all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdMethodClear	BL2000\steve	12/15/2021 9:29:30 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\steve	12/15/2021 9:29:31 AM	End method editing			✓	
CmdQuantitate	BL2000\steve	12/15/2021 9:29:36 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/15/2021 9:29:40 AM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:29:53 AM	Set SampleApproved = True for sample 14DEC02.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:00 AM	Set SampleApproved = True for sample 14DEC04.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:03 AM	Set SampleApproved = True for sample 14DEC06.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:05 AM	Set SampleApproved = True for sample 14DEC03.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:11 AM	Set SampleApproved = True for sample 14DEC07.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:13 AM	Set SampleApproved = True for sample 14DEC08.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:14 AM	Set SampleApproved = True for sample 14DEC09.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:16 AM	Set SampleApproved = True for sample 14DEC10.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:18 AM	Set SampleApproved = True for sample 14DEC11.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:20 AM	Set SampleApproved = True for sample 14DEC13.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:22 AM	Set SampleApproved = True for sample 14DEC12.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:31 AM	Set SampleApproved = True for sample 14DEC14.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:32 AM	Set SampleApproved = True for sample 14DEC15.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:34 AM	Set SampleApproved = True for sample 14DEC16.D; previous value = False			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:36 AM	Set SampleApproved = True for sample 14DEC17.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:38 AM	Set SampleApproved = True for sample 14DEC18.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:40 AM	Set SampleApproved = True for sample 14DEC19.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:42 AM	Set SampleApproved = True for sample 14DEC20.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:44 AM	Set SampleApproved = True for sample 14DEC22.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:46 AM	Set SampleApproved = True for sample 14DEC21.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:56 AM	Set SampleApproved = True for sample 14DEC23.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:30:58 AM	Set SampleApproved = True for sample 14DEC24.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:31:00 AM	Set SampleApproved = True for sample 14DEC25.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:31:02 AM	Set SampleApproved = True for sample 14DEC26.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\steve	12/15/2021 9:31:03 AM	Set SampleApproved = True for sample 14DEC27.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\steve	12/15/2021 9:31:11 AM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/15/2021 10:06:43 AM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdSaveBatchTable	BL2000\steve	12/15/2021 10:52:10 AM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdOpenBatchTable	BL2000\steve	12/15/2021 1:34:15 PM	Open batch D:\Org\Data\SV5972.I\SB121421\SB121421_8260B_624pt1.batch.bin			✓	
CmdQuantitate	BL2000\steve	12/15/2021 1:34:25 PM	Quantitate all compounds in all samples			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\steve	12/15/2021 1:34:52 PM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
CmdCalibrate	BL2000\steve	12/15/2021 1:35:14 PM	Replace level CC with CC sample 14DEC03.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane};			✓	
CmdQuantitate	BL2000\steve	12/15/2021 1:35:22 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/15/2021 1:35:27 PM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
GenerateReport	BL2000\steve	12/15/2021 1:36:29 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\SV5972.I\SB121421\QuantReports\SB121421_8260B_624pt1			✓	
CmdCalibrate	BL2000\steve	12/15/2021 1:38:47 PM	Replace level CC with CC sample 14DEC27.D for compounds {p-Bromofluorobenzene, o-Xylene, m+p-Xylenes, Ethylbenzene, Toluene, Toluene-d8, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, Dibromofluoromethane};			✓	
CmdQuantitate	BL2000\steve	12/15/2021 1:38:54 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\steve	12/15/2021 1:39:27 PM	Save batch D:\Org\Data\SV5972.I\SB121421\QuantResults\SB121421_8260B_624pt1.batch.bin			✓	
GenerateReport	BL2000\steve	12/15/2021 1:40:30 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\SV5972.I\SB121421\QuantReports\SB121421_8260B_624pt1-1			✓	

Energy Laboratories Inc

Standard LOG

Standard ID: VOCF3463
Standard Name Internals
Date Prepared 9/3/2021
Date Expires: 12/31/2021
Department gcmsvoa
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Jerran D. Brenden
Status: New

Comments: Final Concentration 0.05 ug/uL.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	49	mL	2/12/

Final Volume: 50 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0357	Internals	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
1,4-Dichlorobenzene-d4	3855-82-1		0.05
Chlorobenzene-d5	3114-55-1		0.05
Fluorobenzene	462-06-6		0.05

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0357		
Standard Name	Internals	Type:	Primary
Date Prepared	12/8/2020	BY:	Jerran D. Brenden
Date Expires:	12/31/2021		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	CS-5422		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,500 ug/mL in MeOH. Catalog # STM-520-1.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Internal Standard	12421	1	mL	12/31

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0357	Internals	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,4-Dichlorobenzene-d4	3855-82-1		2500
Chlorobenzene-d5	3114-55-1		2500
Fluorobenzene	462-06-6		2500

JP

Agilent

Certificate of Analysis
ISO Guide 34

Internal Standard

Product Number: STM-520 **Page:** 1 of 1

Lot Number: CS-5422 **Lot Issue Date:** 09-Nov-2018 **Expiration Date:** 31-Dec-2021

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
chlorobenzene-d5	003114-55-4	RM12274	2501 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM12517	2501 ± 13 µg/mL
fluorobenzene	000462-06-6	RM13378	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store Frozen (-25° to -10°C).

Agilent uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

Monica Bourgeois
QMS Representative

ID #: 12421
Opened:
Internal Standard
Expires: 12/31/2021
Rec'd: 2/19/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO Guide 34 Cert No. AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026
registered ISO 9001 Quality Managment System

ANAB ACCREDITED TESTING LABORATORY
ISO17025 Cert No. AT-1937

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3518		
Standard Name	Calibration Surrogates	Type:	Secondary
Date Prepared	11/10/2021	BY:	Alethea M. Shaules
Date Expires:	12/31/2022		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Final Concentration 0.2 ug/uL in MeOH

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EB199	14400	4.5	mL	3/20/

Final Volume: 5 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	0.5 mL

	Analytes	**CAS**	Conc:	**ug/uL**
S	1,2-Dichloroethane-d4	17060-07-0		0.2
S	Dibromofluoromethane	1868-53-7		0.2
S	p-Bromofluorobenzene	460-00-4		0.2
S	Toluene-d8	2037-26-5		0.2

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0426		
Standard Name	Surrogates 2.0 mg/mL	Type:	Primary
Date Prepared	9/14/2021	BY:	Jerran D. Brenden
Date Expires:	4/18/2029		
Department	gcmsvoa	Status:	New
Vendor:	AccuStandard		
Lot Number:	219041458		
Balance ID:			

Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Surrogate Standard Mix	14269	1	mL	4/18/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	

	Analytes	**CAS**	Conc:	**ug/mL**
S	1,2-Dichloroethane-d4	17060-07-0		2000
S	Dibromofluoromethane	1868-53-7		2000
S	p-Bromofluorobenzene	460-00-4		2000
S	Toluene-d8	2037-26-5		2000

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
p-Bromofluorobenzene	460-00-4	99.9	2004	2002
Dibromofluoromethane	1868-53-7	99.8	2005	2001
1,2-Dichloroethane-d4	17060-07-0	100.0	2001	2001
Toluene-d8	2037-26-5	100.0	2000	2000

ID #: 14269
Opened:_____
Surrogate Standard Mix
Expires: 4/18/2029
Rec'd: 9/14/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

Energy Laboratories Inc

Standard LOG

Standard ID: VOCF3497B
Standard Name Liquids
Date Prepared 10/11/2021
Date Expires: 12/11/2021
Department GCMSVOA
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Steve Dilts
Status: New

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected comment and analyte list 11/9/2021 sbd

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9	mL	2/12/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0313	Liquids	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
1,1,1,2-Tetrachloroethane	630-20-6		0.2
1,1,1-Trichloroethane	71-55-6		0.2
1,1,2,2-Tetrachloroethane	79-34-5		0.2
1,1,2-Trichloroethane	79-00-5		0.2
1,1-Dichloroethane	75-34-3		0.2
1,1-Dichloroethene	75-35-4		0.2
1,1-Dichloropropene	563-58-6		0.2
1,2,3-Trichlorobenzene	87-61-6		0.2
1,2,3-Trichloropropane	96-18-4		0.2
1,2,4-Trichlorobenzene	120-82-1		0.2
1,2,4-Trimethylbenzene	95-63-6		0.2
1,2-Dibromo-3-chloropropane	96-12-8		0.2
1,2-Dibromoethane	106-93-4		0.2
1,2-Dichlorobenzene	95-50-1		0.2
1,2-Dichloroethane	107-06-2		0.2
1,2-Dichloropropane	78-87-5		0.2
1,3,5-Trimethylbenzene	108-67-8		0.2
1,3-Dichlorobenzene	541-73-1		0.2
1,3-Dichloropropane	142-28-9		0.2
1,4-Dichlorobenzene	106-46-7		0.2
2,2-Dichloropropane	594-20-7		0.2
2-Chlorotoluene	95-49-8		0.2
4-Chlorotoluene	406-43-4		0.2
Benzene	71-43-2		0.2
Bromobenzene	108-86-1		0.2
Bromochloromethane	74-97-5		0.2
Bromodichloromethane	75-27-4		0.2
Bromoform	75-25-2		0.2
Carbon Tetrachloride	56-23-5		0.2
Chlorobenzene	10-90-7		0.2
Chloroform	67-66-3		0.2

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3497B		
Standard Name	Liquids	Type:	Secondary
Date Prepared	10/11/2021	BY:	Steve Dilts
Date Expires:	12/11/2021		
Department	GCMSVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected comment and analyte list 11/9/2021 sbd

cis-1,2-Dichloroethene	156-59-2	0.2
cis-1,3-Dichloropropene	10061-01-5	0.2
Dibromocholormethane	124-48-1	0.2
Dibromomethane	74-95-3	0.2
Dichloromethane	75-09-2	0.2
Ethylbenzene	100-41-4	0.2
Hexachlorobutadiene	87-68-6	0.2
Isopropylbenzene	98-82-8	0.2
m-Xylene	108-38-3	0.2
n-Butylbenzene	104-51-8	0.2
n-Propylbenzene	103-65-1	0.2
Naphthalene	91-20-3	0.2
o-Xylene	95-47-6	0.2
p-Isopropyltoluene	99-87-6	0.2
p-Xylene	106-42-3	0.2
sec-Butylbenzene	135-98-8	0.2
Styrene	100-42-5	0.2
tert-Butylbenzene	98-06-6	0.2
Tetrachloroethene	127-18-4	0.2
Toluene	108-88-3	0.2
trans-1,2-Dichloroethene	156-60-5	0.2
trans-1,3-Dichloropropene	10061-02-6	0.2
Trichloroethene	79-01-6	0.2

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0313		
Standard Name	Liquids	Type:	Primary
Date Prepared	6/23/2020	BY:	Alethea M. Shaules
Date Expires:	4/13/2023		
Department	gcmsvoa	Status:	New
Vendor:	AccuStd		
Lot Number:	220041126		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,000 ug/mL. Catalog # M502A-R-10X. Corrected lot number to match CI. MSC 01/14/2022

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Volatile Organic Compounds - Liquids	12797	1	mL	4/13/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0313	Liquids	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,1,1,2-Tetrachloroethane	630-20-6		2000
1,1,1-Trichloroethane	71-55-6		2000
1,1,2,2-Tetrachloroethane	79-34-5		2000
1,1,2-Trichloroethane	79-00-5		2000
1,1-Dichloroethane	75-34-3		2000
1,1-Dichloroethene	75-35-4		2000
1,1-Dichloropropene	563-58-6		2000
1,2,3-Trichlorobenzene	87-61-6		2000
1,2,3-Trichloropropane	96-18-4		2000
1,2,4-Trichlorobenzene	120-82-1		2000
1,2,4-Trimethylbenzene	95-63-6		2000
1,2-Dibromo-3-chloropropane	96-12-8		2000
1,2-Dibromoethane	106-93-4		2000
1,2-Dichlorobenzene	95-50-1		2000
1,2-Dichloroethane	107-06-2		2000
1,2-Dichloropropane	78-87-5		2000
1,3,5-Trimethylbenzene	108-67-8		2000
1,3-Dichlorobenzene	541-73-1		2000
1,3-Dichloropropane	142-28-9		2000
1,4-Dichlorobenzene	106-46-7		2000
2,2-Dichloropropane	594-20-7		2000
2-Chlorotoluene	95-49-8		2000
4-Chlorotoluene	406-43-4		2000
Benzene	71-43-2		2000
Bromobenzene	108-86-1		2000
Bromochloromethane	74-97-5		2000
Bromodichloromethane	75-27-4		2000
Bromoform	75-25-2		2000
Carbon Tetrachloride	56-23-5		2000
Chlorobenzene	10-90-7		2000
Chloroform	67-66-3		2000

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Standard LOG

Standard ID:	VOCF0313		
Standard Name	Liquids	Type:	Primary
Date Prepared	6/23/2020	BY:	Alethea M. Shaules
Date Expires:	4/13/2023		
Department	gcmsvoa	Status:	New
Vendor:	AccuStd		
Lot Number:	220041126		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,000 ug/mL. Catalog # M502A-R-10X. Corrected lot number to match CI. MSC 01/14/2022

cis-1,2-Dichloroethene	156-59-2	2000
cis-1,3-Dichloropropene	10061-01-5	2000
Dibromocholormethane	124-48-1	2000
Dibromomethane	74-95-3	2000
Dichloromethane	75-09-2	2000
Ethylbenzene	100-41-4	2000
Hexachlorobutadiene	87-68-6	2000
Isopropylbenzene	98-82-8	2000
m-Xylene	108-38-3	2000
n-Butylbenzene	104-51-8	2000
n-Propylbenzene	103-65-1	2000
Naphthalene	91-20-3	2000
o-Xylene	95-47-6	2000
p-Isopropyltoluene	99-87-6	2000
p-Xylene	106-42-3	2000
sec-Butylbenzene	135-98-8	2000
Styrene	100-42-5	2000
tert-Butylbenzene	98-06-6	2000
Tetrachloroethene	127-18-4	2000
Toluene	108-88-3	2000
trans-1,2-Dichloroethene	156-60-5	2000
trans-1,3-Dichloropropene	10061-02-6	2000
Trichloroethene	79-01-6	2000

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CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54
Storage Condition: Refrig (0-5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (µg/mL)
Benzene	71-43-2	100.0	2002	2002
Bromobenzene	108-86-1	100.0	2003	2003
Bromochloromethane	74-97-5	99.1	2001	1983
Bromodichloromethane	75-27-4	99.0	2002	1982
Bromoform	75-25-2	99.2	2001	1985
n-Butylbenzene	104-51-8	100.0	2002	2002
sec-Butylbenzene	135-98-8	100.0	2001	2001
tert-Butylbenzene	98-06-6	99.0	2003	1983
Carbon tetrachloride	56-23-5	100.0	2003	2003
Chlorobenzene	108-90-7	99.6	2001	1993
Chloroform	67-66-3	99.2	2004	1988
2-Chlorotoluene	95-49-8	99.0	2003	1983
4-Chlorotoluene	106-43-4	99.8	2002	1998
Dibromochloromethane	124-48-1	97.8	2049*	2004
1,2-Dibromo-3-chloropropane	96-12-8	99.2	2001	1985
1,2-Dibromoethane	106-93-4	100.0	2006	2006
Dibromomethane	74-95-3	99.0	2002	1982
1,2-Dichlorobenzene	95-50-1	98.2	2003	1967
1,3-Dichlorobenzene	541-73-1	100.0	2000	2000
1,4-Dichlorobenzene	106-46-7	100.0	2002	2002
1,1-Dichloroethane	75-34-3	98.6	2001	1973
1,2-Dichloroethane	107-06-2	99.8	2010	2006
1,1-Dichloroethene	75-35-4	99.0	2000	1980
cis-1,2-Dichloroethene	156-59-2	99.0	2002	1982
trans-1,2-Dichloroethene	156-60-5	99.5	2001	1991
1,2-Dichloropropane	78-87-5	99.5	2003	1993
1,3-Dichloropropane	142-28-9	96.7	2073*	2005
2,2-Dichloropropane	594-20-7	99.9	2012	2010
1,1-Dichloropropene	563-58-6	98.9	2001	1979
cis-1,3-Dichloropropene **	10061-01-5	93.9	2041*	1916
trans-1,3-Dichloropropene **	10061-02-6	93.9	1968*	1848
Ethylbenzene	100-41-4	99.7	2000	1994
Hexachlorobutadiene	87-68-3	98.0	2003	1963
Isopropylbenzene	98-82-8	100.0	2002	2002
p-Isopropyltoluene	99-87-6	99.4	2000	1988
Methylene chloride	75-09-2	99.9	2001	1999
Naphthalene	91-20-3	100.0	2002	2002
n-Propylbenzene	103-65-1	100.0	2001	2001
Styrene	100-42-5	100.0	2003	2003
1,1,1,2-Tetrachloroethane	630-20-6	98.9	2005	1983
1,1,2,2-Tetrachloroethane	79-34-5	96.0	2087*	2004
Tetrachloroethene	127-18-4	99.4	2017	2005
Toluene	108-88-3	100.0	2001	2001
1,2,3-Trichlorobenzene	87-61-6	100.0	2002	2002

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CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54

Component - *continued*	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
1,2,4-Trichlorobenzene	120-82-1	99.6	2001	1993
1,1,1-Trichloroethane	71-55-6	100.0	2002	2002
1,1,2-Trichloroethane	79-00-5	98.6	2000	1972
Trichloroethene	79-01-6	100.0	2003	2003
1,2,3-Trichloropropane	96-18-4	97.5	2055*	2004
1,2,4-Trimethylbenzene	95-63-6	98.2	2001	1965
1,3,5-Trimethylbenzene	108-67-8	98.8	2001	1977
o-Xylene	95-47-6	99.0	2000	1980
m-Xylene	108-38-3	99.2	2002	1986
p-Xylene	106-42-3	95.4	2097*	2001

* Weight compensated to 100% purity.

** 47.8% cis isomer, 46.1% trans isomer

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Certified By: Larry Decker, Organic QC Manager

ID #: 12797
Opened:_____
Volatile Organic Compounds - Liquids
Expires: 4/13/2023
Rec'd: 6/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

For use in routine laboratory analysis.

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3546A		
Standard Name	Liquids	Type:	Secondary
Date Prepared	12/13/2021	BY:	Alethea M. Shaules
Date Expires:	1/13/2022		
Department	GCMSVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected comment and analyte list 11/9/2021 sbd

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9	mL	2/12/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0313	Liquids	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
1,1,1,2-Tetrachloroethane	630-20-6		0.2
1,1,1-Trichloroethane	71-55-6		0.2
1,1,2,2-Tetrachloroethane	79-34-5		0.2
1,1,2-Trichloroethane	79-00-5		0.2
1,1-Dichloroethane	75-34-3		0.2
1,1-Dichloroethene	75-35-4		0.2
1,1-Dichloropropene	563-58-6		0.2
1,2,3-Trichlorobenzene	87-61-6		0.2
1,2,3-Trichloropropane	96-18-4		0.2
1,2,4-Trichlorobenzene	120-82-1		0.2
1,2,4-Trimethylbenzene	95-63-6		0.2
1,2-Dibromo-3-chloropropane	96-12-8		0.2
1,2-Dibromoethane	106-93-4		0.2
1,2-Dichlorobenzene	95-50-1		0.2
1,2-Dichloroethane	107-06-2		0.2
1,2-Dichloropropane	78-87-5		0.2
1,3,5-Trimethylbenzene	108-67-8		0.2
1,3-Dichlorobenzene	541-73-1		0.2
1,3-Dichloropropane	142-28-9		0.2
1,4-Dichlorobenzene	106-46-7		0.2
2,2-Dichloropropane	594-20-7		0.2
2-Chlorotoluene	95-49-8		0.2
4-Chlorotoluene	406-43-4		0.2
Benzene	71-43-2		0.2
Bromobenzene	108-86-1		0.2
Bromochloromethane	74-97-5		0.2
Bromodichloromethane	75-27-4		0.2
Bromoform	75-25-2		0.2
Carbon Tetrachloride	56-23-5		0.2
Chlorobenzene	10-90-7		0.2
Chloroform	67-66-3		0.2

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3546A		
Standard Name	Liquids	Type:	Secondary
Date Prepared	12/13/2021	BY:	Alethea M. Shaules
Date Expires:	1/13/2022		
Department	GCMSVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected comment and analyte list 11/9/2021 sbd

cis-1,2-Dichloroethene	156-59-2	0.2
cis-1,3-Dichloropropene	10061-01-5	0.2
Dibromocholormethane	124-48-1	0.2
Dibromomethane	74-95-3	0.2
Dichloromethane	75-09-2	0.2
Ethylbenzene	100-41-4	0.2
Hexachlorobutadiene	87-68-6	0.2
Isopropylbenzene	98-82-8	0.2
m-Xylene	108-38-3	0.2
n-Butylbenzene	104-51-8	0.2
n-Propylbenzene	103-65-1	0.2
Naphthalene	91-20-3	0.2
o-Xylene	95-47-6	0.2
p-Isopropyltoluene	99-87-6	0.2
p-Xylene	106-42-3	0.2
sec-Butylbenzene	135-98-8	0.2
Styrene	100-42-5	0.2
tert-Butylbenzene	98-06-6	0.2
Tetrachloroethene	127-18-4	0.2
Toluene	108-88-3	0.2
trans-1,2-Dichloroethene	156-60-5	0.2
trans-1,3-Dichloropropene	10061-02-6	0.2
Trichloroethene	79-01-6	0.2

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0313		
Standard Name	Liquids	Type:	Primary
Date Prepared	6/23/2020	BY:	Alethea M. Shaules
Date Expires:	4/13/2023		
Department	gcmsvoa	Status:	New
Vendor:	AccuStd		
Lot Number:	220041126		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,000 ug/mL. Catalog # M502A-R-10X. Corrected lot number to match CI. MSC 01/14/2022

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Volatile Organic Compounds - Liquids	12797	1	mL	4/13/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0313	Liquids	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,1,1,2-Tetrachloroethane	630-20-6		2000
1,1,1-Trichloroethane	71-55-6		2000
1,1,2,2-Tetrachloroethane	79-34-5		2000
1,1,2-Trichloroethane	79-00-5		2000
1,1-Dichloroethane	75-34-3		2000
1,1-Dichloroethene	75-35-4		2000
1,1-Dichloropropene	563-58-6		2000
1,2,3-Trichlorobenzene	87-61-6		2000
1,2,3-Trichloropropane	96-18-4		2000
1,2,4-Trichlorobenzene	120-82-1		2000
1,2,4-Trimethylbenzene	95-63-6		2000
1,2-Dibromo-3-chloropropane	96-12-8		2000
1,2-Dibromoethane	106-93-4		2000
1,2-Dichlorobenzene	95-50-1		2000
1,2-Dichloroethane	107-06-2		2000
1,2-Dichloropropane	78-87-5		2000
1,3,5-Trimethylbenzene	108-67-8		2000
1,3-Dichlorobenzene	541-73-1		2000
1,3-Dichloropropane	142-28-9		2000
1,4-Dichlorobenzene	106-46-7		2000
2,2-Dichloropropane	594-20-7		2000
2-Chlorotoluene	95-49-8		2000
4-Chlorotoluene	406-43-4		2000
Benzene	71-43-2		2000
Bromobenzene	108-86-1		2000
Bromochloromethane	74-97-5		2000
Bromodichloromethane	75-27-4		2000
Bromoform	75-25-2		2000
Carbon Tetrachloride	56-23-5		2000
Chlorobenzene	10-90-7		2000
Chloroform	67-66-3		2000

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0313		
Standard Name	Liquids	Type:	Primary
Date Prepared	6/23/2020	BY:	Alethea M. Shaules
Date Expires:	4/13/2023		
Department	gcmsvoa	Status:	New
Vendor:	AccuStd		
Lot Number:	220041126		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,000 ug/mL. Catalog # M502A-R-10X. Corrected lot number to match CI. MSC 01/14/2022

cis-1,2-Dichloroethene	156-59-2	2000
cis-1,3-Dichloropropene	10061-01-5	2000
Dibromocholormethane	124-48-1	2000
Dibromomethane	74-95-3	2000
Dichloromethane	75-09-2	2000
Ethylbenzene	100-41-4	2000
Hexachlorobutadiene	87-68-6	2000
Isopropylbenzene	98-82-8	2000
m-Xylene	108-38-3	2000
n-Butylbenzene	104-51-8	2000
n-Propylbenzene	103-65-1	2000
Naphthalene	91-20-3	2000
o-Xylene	95-47-6	2000
p-Isopropyltoluene	99-87-6	2000
p-Xylene	106-42-3	2000
sec-Butylbenzene	135-98-8	2000
Styrene	100-42-5	2000
tert-Butylbenzene	98-06-6	2000
Tetrachloroethene	127-18-4	2000
Toluene	108-88-3	2000
trans-1,2-Dichloroethene	156-60-5	2000
trans-1,3-Dichloropropene	10061-02-6	2000
Trichloroethene	79-01-6	2000

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CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54
Storage Condition: Refrig (0-5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (µg/mL)
Benzene	71-43-2	100.0	2002	2002
Bromobenzene	108-86-1	100.0	2003	2003
Bromochloromethane	74-97-5	99.1	2001	1983
Bromodichloromethane	75-27-4	99.0	2002	1982
Bromoform	75-25-2	99.2	2001	1985
n-Butylbenzene	104-51-8	100.0	2002	2002
sec-Butylbenzene	135-98-8	100.0	2001	2001
tert-Butylbenzene	98-06-6	99.0	2003	1983
Carbon tetrachloride	56-23-5	100.0	2003	2003
Chlorobenzene	108-90-7	99.6	2001	1993
Chloroform	67-66-3	99.2	2004	1988
2-Chlorotoluene	95-49-8	99.0	2003	1983
4-Chlorotoluene	106-43-4	99.8	2002	1998
Dibromochloromethane	124-48-1	97.8	2049*	2004
1,2-Dibromo-3-chloropropane	96-12-8	99.2	2001	1985
1,2-Dibromoethane	106-93-4	100.0	2006	2006
Dibromomethane	74-95-3	99.0	2002	1982
1,2-Dichlorobenzene	95-50-1	98.2	2003	1967
1,3-Dichlorobenzene	541-73-1	100.0	2000	2000
1,4-Dichlorobenzene	106-46-7	100.0	2002	2002
1,1-Dichloroethane	75-34-3	98.6	2001	1973
1,2-Dichloroethane	107-06-2	99.8	2010	2006
1,1-Dichloroethene	75-35-4	99.0	2000	1980
cis-1,2-Dichloroethene	156-59-2	99.0	2002	1982
trans-1,2-Dichloroethene	156-60-5	99.5	2001	1991
1,2-Dichloropropane	78-87-5	99.5	2003	1993
1,3-Dichloropropane	142-28-9	96.7	2073*	2005
2,2-Dichloropropane	594-20-7	99.9	2012	2010
1,1-Dichloropropene	563-58-6	98.9	2001	1979
cis-1,3-Dichloropropene **	10061-01-5	93.9	2041*	1916
trans-1,3-Dichloropropene **	10061-02-6	93.9	1968*	1848
Ethylbenzene	100-41-4	99.7	2000	1994
Hexachlorobutadiene	87-68-3	98.0	2003	1963
Isopropylbenzene	98-82-8	100.0	2002	2002
p-Isopropyltoluene	99-87-6	99.4	2000	1988
Methylene chloride	75-09-2	99.9	2001	1999
Naphthalene	91-20-3	100.0	2002	2002
n-Propylbenzene	103-65-1	100.0	2001	2001
Styrene	100-42-5	100.0	2003	2003
1,1,1,2-Tetrachloroethane	630-20-6	98.9	2005	1983
1,1,2,2-Tetrachloroethane	79-34-5	96.0	2087*	2004
Tetrachloroethene	127-18-4	99.4	2017	2005
Toluene	108-88-3	100.0	2001	2001
1,2,3-Trichlorobenzene	87-61-6	100.0	2002	2002

For use in routine laboratory analysis.

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CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54

Component - *continued*	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
1,2,4-Trichlorobenzene	120-82-1	99.6	2001	1993
1,1,1-Trichloroethane	71-55-6	100.0	2002	2002
1,1,2-Trichloroethane	79-00-5	98.6	2000	1972
Trichloroethene	79-01-6	100.0	2003	2003
1,2,3-Trichloropropane	96-18-4	97.5	2055*	2004
1,2,4-Trimethylbenzene	95-63-6	98.2	2001	1965
1,3,5-Trimethylbenzene	108-67-8	98.8	2001	1977
o-Xylene	95-47-6	99.0	2000	1980
m-Xylene	108-38-3	99.2	2002	1986
p-Xylene	106-42-3	95.4	2097*	2001

* Weight compensated to 100% purity.

** 47.8% cis isomer, 46.1% trans isomer

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Certified By: Larry Decker, Organic QC Manager

ID #: 12797
Opened:_____
Volatile Organic Compounds - Liquids
Expires: 4/13/2023
Rec'd: 6/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

For use in routine laboratory analysis.

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF3517		
Standard Name	Internal Standard / Surrogates (INT/SURR)	Type:	Secondary
Date Prepared	11/10/2021	BY:	Alethea M. Shaules
Date Expires:	12/31/2022		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Final Concentration 0.05 ug/uL in MeOH.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB199-US	14334	95.5	mL	3/20/
0			mL	

Final Volume: 100 mL

Stock Source		Base Units	Amount Added
VOCF0425	Internals	ug/mL	2 mL
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	2.5 mL

	Analytes	CAS	Conc: ug/uL
S	1,2-Dichloroethane-d4	17060-07-0	0.05
	1,4-Dichlorobenzene-d4	3855-82-1	0.05
	Chlorobenzene-d5	3114-55-1	0.05
S	Dibromofluoromethane	1868-53-7	0.05
	Fluorobenzene	462-06-6	0.05
S	p-Bromofluorobenzene	460-00-4	0.05
S	Toluene-d8	2037-26-5	0.05

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0425		
Standard Name	Internals	Type:	Primary
Date Prepared	9/8/2021	BY:	Jerran D. Brenden
Date Expires:	12/31/2022		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	0006582580		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,500 ug/mL in MeOH. Catalog # STM-520-1.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Internal Standard	14251	1	mL	12/31

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0425	Internals	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,4-Dichlorobenzene-d4	3855-82-1		2500
Chlorobenzene-d5	3114-55-1		2500
Fluorobenzene	462-06-6		2500

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0426		
Standard Name	Surrogates 2.0 mg/mL	Type:	Primary
Date Prepared	9/14/2021	BY:	Jerran D. Brenden
Date Expires:	4/18/2029		
Department	gcmsvoa	Status:	New
Vendor:	AccuStandard		
Lot Number:	219041458		
Balance ID:			

Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Surrogate Standard Mix	14269	1	mL	4/18/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	

	Analytes	**CAS**	Conc:	**ug/mL**
S	1,2-Dichloroethane-d4	17060-07-0		2000
S	Dibromofluoromethane	1868-53-7		2000
S	p-Bromofluorobenzene	460-00-4		2000
S	Toluene-d8	2037-26-5		2000

ID #: 14251
Opened:
Internal Standard
Expires: 12/31/2022
Rec'd: 9/8/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Agilent

Certificate of Analysis

Product Name: Internal Standard

Product Number: STM-520-1

Lot Number: 0006582580

Lot Issue Date: 05-Jan-2021

Expiration Date: 31-Dec-2022

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
chlorobenzene-d5	003114-55-4	RM12274	2501 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM12517	2501 ± 13 µg/mL
fluorobenzene	000462-06-6	RM13378	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Agilent

Certificate of Analysis

Product Number: STM-520-1 **Lot Number:** 0006582580

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
p-Bromofluorobenzene	460-00-4	99.9	2004	2002
Dibromofluoromethane	1868-53-7	99.8	2005	2001
1,2-Dichloroethane-d4	17060-07-0	100.0	2001	2001
Toluene-d8	2037-26-5	100.0	2000	2000

ID #: 14269
Opened:_____
Surrogate Standard Mix
Expires: 4/18/2029
Rec'd: 9/14/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

Energy Laboratories Inc

Spike LOG

Standard ID: VOCF3505B
Standard Name 2nd Source Liquids
Date Prepared 10/23/2021
Date Expires: 12/23/2021
Department gcmsvoa
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Melissa Chavez
Status: New

Comments: Final Concentration 0.2ug/uL.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB199-US	14334	9	mL	3/20/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0352	2nd Source Liquids	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/mL**
1,1,1,2-Tetrachloroethane	630-20-6		0.2
1,1,1-Trichloroethane	71-55-6		0.2
1,1,2,2-Tetrachloroethane	79-34-5		0.2
1,1,2-Trichloroethane	79-00-5		0.2
1,1-Dichloroethane	75-34-3		0.2
1,1-Dichloroethene	75-35-4		0.2
1,1-Dichloropropene	563-58-6		0.2
1,2,3-Trichlorobenzene	87-61-6		0.2
1,2,3-Trichloropropane	96-18-4		0.2
1,2,4-Trichlorobenzene	120-82-1		0.2
1,2,4-Trimethylbenzene	95-63-6		0.2
1,2-Dibromo-3-chloropropane	96-12-8		0.2
1,2-Dibromoethane	106-93-4		0.2
1,2-Dichlorobenzene	95-50-1		0.2
1,2-Dichloroethane	107-06-2		0.2
1,2-Dichloropropane	78-87-5		0.2
1,3,5-Trimethylbenzene	108-67-8		0.2
1,3-Dichlorobenzene	541-73-1		0.2
1,3-Dichloropropane	142-28-9		0.2
1,4-Dichlorobenzene	106-46-7		0.2
2,2-Dichloropropane	594-20-7		0.2
2-Chlorotoluene	95-49-8		0.2
4-Chlorotoluene	406-43-4		0.2
Benzene	71-43-2		0.2
Bromobenzene	108-86-1		0.2
Bromochloromethane	74-97-5		0.2
Bromodichloromethane	75-27-4		0.2
Bromoform	75-25-2		0.2
Carbon Tetrachloride	56-23-5		0.2
Chlorobenzene	10-90-7		0.2
Chloroform	67-66-3		0.2

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF3505B		
Standard Name	2nd Source Liquids	Type:	Secondary
Date Prepared	10/23/2021	BY:	Melissa Chavez
Date Expires:	12/23/2021		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			
Comments:	Final Concentration 0.2ug/uL.		

cis-1,2-Dichloroethene	156-59-2	0.2
cis-1,3-Dichloropropene	10061-01-5	0.2
Dibromocholormethane	124-48-1	0.2
Dibromomethane	74-95-3	0.2
Dichloromethane	75-09-2	0.2
Ethylbenzene	100-41-4	0.2
Hexachlorobutadiene	87-68-6	0.2
Isopropylbenzene	98-82-8	0.2
m-Xylene	108-38-3	0.2
n-Butylbenzene	104-51-8	0.2
n-Propylbenzene	103-65-1	0.2
Naphthalene	91-20-3	0.2
o-Xylene	95-47-6	0.2
p-Isopropyltoluene	99-87-6	0.2
p-Xylene	106-42-3	0.2
sec-Butylbenzene	135-98-8	0.2
Styrene	100-42-5	0.2
tert-Butylbenzene	98-06-6	0.2
Tetrachloroethene	127-18-4	0.2
Toluene	108-88-3	0.2
trans-1,2-Dichloroethene	156-60-5	0.2
trans-1,3-Dichloropropene	10061-02-6	0.2
Trichloroethene	79-01-6	0.2
Vinyl Acetate	108-05-4	0

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0352		
Standard Name	2nd Source Liquids	Type:	Primary
Date Prepared	11/23/2020	BY:	Steve Dilts
Date Expires:	12/31/2023		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	0006570990		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
VOC Standard	13292	1	mL	12/31

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0352	2nd Source Liquids	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,1,1,2-Tetrachloroethane	630-20-6		2000
1,1,1-Trichloroethane	71-55-6		2000
1,1,2,2-Tetrachloroethane	79-34-5		2000
1,1,2-Trichloroethane	79-00-5		2000
1,1-Dichloroethane	75-34-3		2000
1,1-Dichloroethene	75-35-4		2000
1,1-Dichloropropene	563-58-6		2000
1,2,3-Trichlorobenzene	87-61-6		2000
1,2,3-Trichloropropane	96-18-4		2000
1,2,4-Trichlorobenzene	120-82-1		2000
1,2,4-Trimethylbenzene	95-63-6		2000
1,2-Dibromo-3-chloropropane	96-12-8		2000
1,2-Dibromoethane	106-93-4		2000
1,2-Dichlorobenzene	95-50-1		2000
1,2-Dichloroethane	107-06-2		2000
1,2-Dichloropropane	78-87-5		2000
1,3,5-Trimethylbenzene	108-67-8		2000
1,3-Dichlorobenzene	541-73-1		2000
1,3-Dichloropropane	142-28-9		2000
1,4-Dichlorobenzene	106-46-7		2000
2,2-Dichloropropane	594-20-7		2000
2-Chlorotoluene	95-49-8		2000
4-Chlorotoluene	406-43-4		2000
Benzene	71-43-2		2000
Bromobenzene	108-86-1		2000
Bromochloromethane	74-97-5		2000
Bromodichloromethane	75-27-4		2000
Bromoform	75-25-2		2000
Carbon Tetrachloride	56-23-5		2000
Chlorobenzene	10-90-7		2000
Chloroform	67-66-3		2000

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0352		
Standard Name	2nd Source Liquids	Type:	Primary
Date Prepared	11/23/2020	BY:	Steve Dilts
Date Expires:	12/31/2023		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	0006570990		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

cis-1,2-Dichloroethene	156-59-2	2000
cis-1,3-Dichloropropene	10061-01-5	2000
Dibromocholormethane	124-48-1	2000
Dibromomethane	74-95-3	2000
Dichloromethane	75-09-2	2000
Ethylbenzene	100-41-4	2000
Hexachlorobutadiene	87-68-6	2000
Isopropylbenzene	98-82-8	2000
m-Xylene	108-38-3	2000
n-Butylbenzene	104-51-8	2000
n-Propylbenzene	103-65-1	2000
Naphthalene	91-20-3	2000
o-Xylene	95-47-6	2000
p-Isopropyltoluene	99-87-6	2000
p-Xylene	106-42-3	2000
sec-Butylbenzene	135-98-8	2000
Styrene	100-42-5	2000
tert-Butylbenzene	98-06-6	2000
Tetrachloroethene	127-18-4	2000
Toluene	108-88-3	2000
trans-1,2-Dichloroethene	156-60-5	2000
trans-1,3-Dichloropropene	10061-02-6	2000
Trichloroethene	79-01-6	2000

Agilent

ID #: 13292
Opened:
VOC Standard
Expires: 12/31/2023
Rec'd: 11/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: VOC Standard

Product Number: DWM-589N-1

Lot Number: 0006570990

Lot Issue Date: 17-Nov-2020

Expiration Date: 31-Dec-2023

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
bromochloromethane	000074-97-5	RM00009	2010 ± 10 µg/mL
bromodichloromethane	000075-27-4	RM12585	2009 ± 10 µg/mL
bromoform	000075-25-2	RM13987	2010 ± 10 µg/mL
carbon tetrachloride	000056-23-5	RM07576	2010 ± 10 µg/mL
chloroform	000067-66-3	RM13988	2009 ± 10 µg/mL
dibromochloromethane	000124-48-1	RM14843	2009 ± 10 µg/mL
dibromomethane	000074-95-3	RM12878	2009 ± 10 µg/mL
methylene chloride	000075-09-2	RM11650	2009 ± 10 µg/mL
1,2-dibromoethane	000106-93-4	RM00018	2010 ± 10 µg/mL
1,1-dichloroethane	000075-34-3	RM16217	2006 ± 10 µg/mL
1,2-dichloroethane	000107-06-2	RM04655	2005 ± 10 µg/mL
1,1-dichloroethene	000075-35-4	RM14486	2010 ± 10 µg/mL
cis-1,2-dichloroethene	000156-59-2	RM15008	2007 ± 10 µg/mL
trans-1,2-dichloroethene	000156-60-5	RM07565	2008 ± 10 µg/mL
1,1,1,2-tetrachloroethane	000630-20-6	RM12632	2005 ± 10 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	RM02540	2009 ± 10 µg/mL
tetrachloroethene	000127-18-4	RM06491	2008 ± 10 µg/mL

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

1,1,1-trichloroethane	000071-55-6	RM16539	2004 ± 10 µg/mL
1,1,2-trichloroethane	000079-00-5	RM01175	2009 ± 10 µg/mL
trichloroethene	000079-01-6	RM14232	2009 ± 10 µg/mL
1,2-dibromo-3-chloropropane	000096-12-8	RM13666	2009 ± 10 µg/mL
1,2-dichloropropane	000078-87-5	RM12821	2008 ± 10 µg/mL
1,3-dichloropropane	000142-28-9	RM02080	2008 ± 10 µg/mL
2,2-dichloropropane	000594-20-7	RM12927	2005 ± 10 µg/mL
1,1-dichloropropene	000563-58-6	RM16190	2010 ± 10 µg/mL
cis-1,3-dichloropropene	010061-01-5	RM12891	2007 ± 10 µg/mL
trans-1,3-dichloropropene	010061-02-6	RM12254	2006 ± 10 µg/mL
hexachlorobutadiene	000087-68-3	RM09157	2005 ± 10 µg/mL
1,2,3-trichloropropane	000096-18-4	RM13082	2004 ± 10 µg/mL
benzene	000071-43-2	RM12931	2009 ± 10 µg/mL
n-butylbenzene	000104-51-8	RM03651	2008 ± 10 µg/mL
sec-butylbenzene	000135-98-8	RM10905	2005 ± 10 µg/mL
tert-butylbenzene	000098-06-6	RM14040	2007 ± 10 µg/mL
ethylbenzene	000100-41-4	RM12195	2006 ± 10 µg/mL
isopropylbenzene	000098-82-8	RM00835	2009 ± 10 µg/mL
4-isopropyltoluene	000099-87-6	RM09747	2009 ± 10 µg/mL
naphthalene	000091-20-3	NT00970	2006 ± 10 µg/mL
n-propylbenzene	000103-65-1	RM12785	2010 ± 10 µg/mL
styrene	000100-42-5	RM13393	2010 ± 10 µg/mL

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

Agilent

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

toluene	000108-88-3	RM06650	2008 ± 10 µg/mL
1,2,4-trimethylbenzene	000095-63-6	RM06731	2002 ± 10 µg/mL
1,3,5-trimethylbenzene	000108-67-8	RM12905	2009 ± 10 µg/mL
o-xylene	000095-47-6	RM15639	2005 ± 10 µg/mL
m-xylene	000108-38-3	RM15919	2006 ± 10 µg/mL
p-xylene	000106-42-3	RM02647	2009 ± 10 µg/mL
bromobenzene	000108-86-1	RM10227	2008 ± 10 µg/mL
chlorobenzene	000108-90-7	RM01874	2008 ± 10 µg/mL
2-chlorotoluene	000095-49-8	RM13774	2007 ± 10 µg/mL
4-chlorotoluene	000106-43-4	RM11750	2009 ± 10 µg/mL
1,2-dichlorobenzene	000095-50-1	RM13636	2005 ± 10 µg/mL
1,3-dichlorobenzene	000541-73-1	NT00356	2009 ± 10 µg/mL
1,4-dichlorobenzene	000106-46-7	RM12826	2009 ± 10 µg/mL
1,2,3-trichlorobenzene	000087-61-6	RM10193	2007 ± 10 µg/mL
1,2,4-trichlorobenzene	000120-82-1	RM09454	2009 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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