

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051625\  
 Data File : VX046230.D  
 Acq On : 16 May 2025 10:12  
 Operator : JC/MD  
 Sample : VX0516WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 VX0516WBL01

Quant Time: May 16 22:59:53 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	63217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65384	55.478	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.960%
35) Dibromofluoromethane	5.385	113	47275	51.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.880%
50) Toluene-d8	8.647	98	159780	50.719	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.440%
62) 4-Bromofluorobenzene	11.079	95	61901	51.226	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.460%

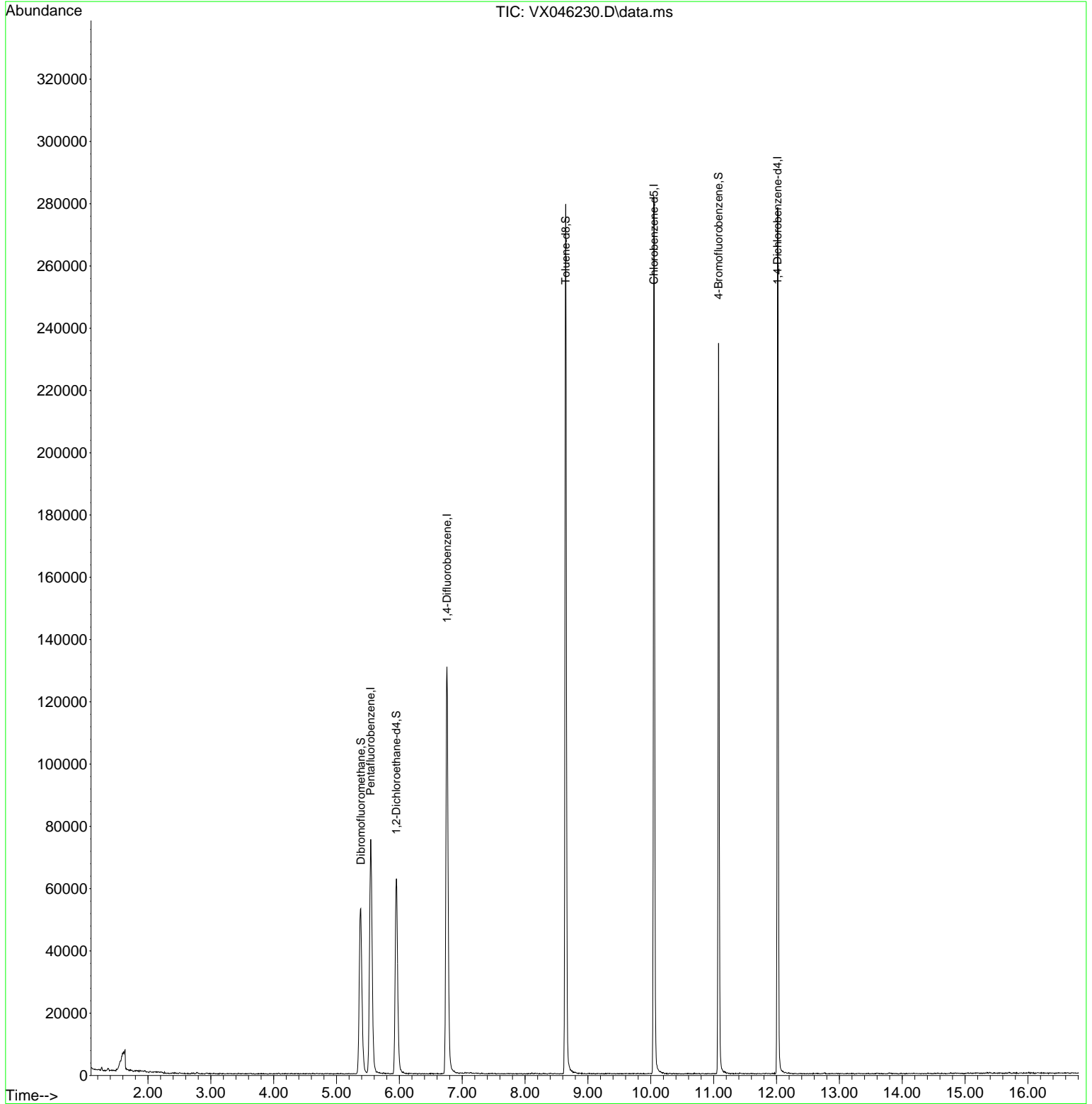
Target Compounds Qvalue

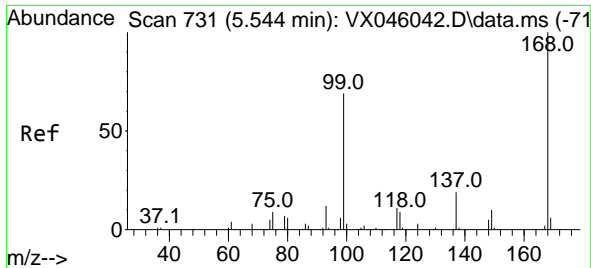
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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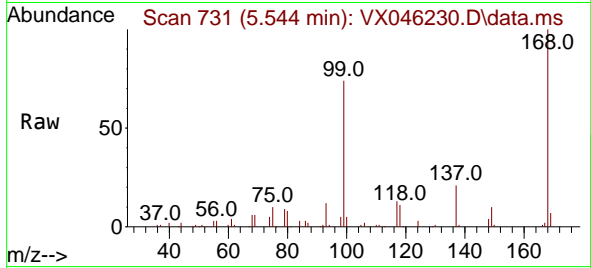
Quant Time: May 16 22:59:53 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
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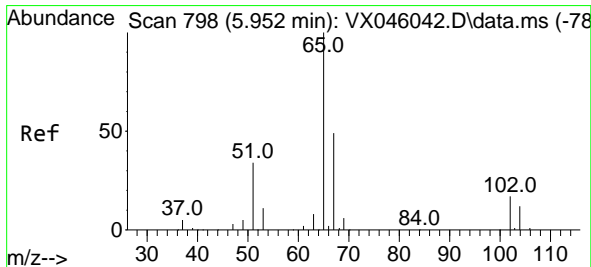
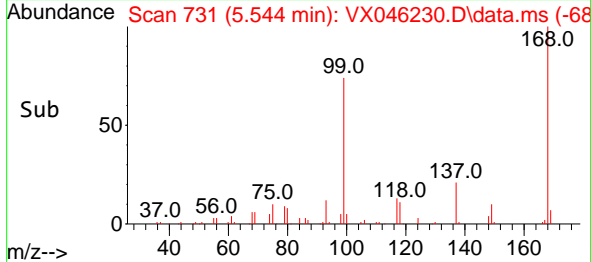
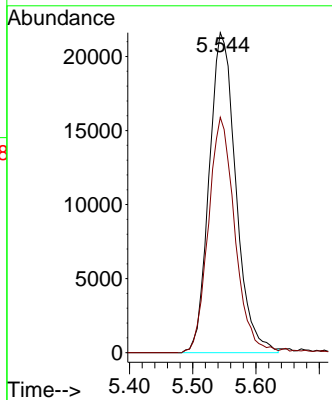


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.544 min Scan# 711  
 Delta R.T. -0.000 min  
 Lab File: VX046230.D  
 Acq: 16 May 2025 10:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0516WBL01

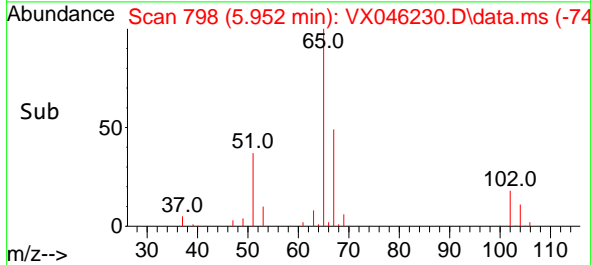
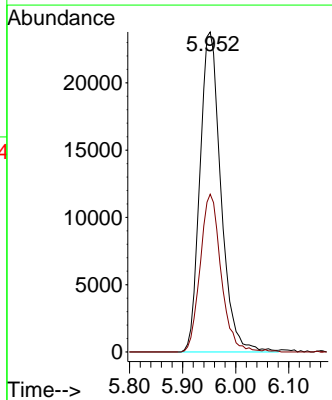
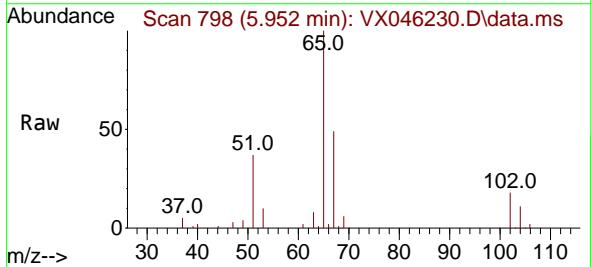


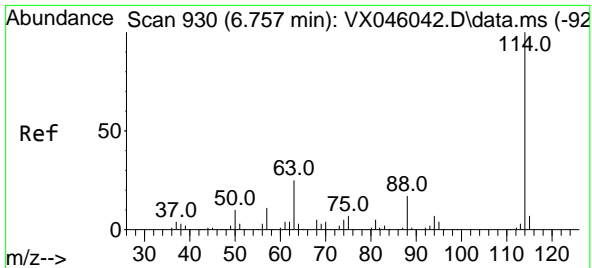
Tgt Ion:168 Resp: 63217  
 Ion Ratio Lower Upper  
 168 100  
 99 73.5 54.9 82.3



#33  
 1,2-Dichloroethane-d4  
 Concen: 55.478 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. -0.000 min  
 Lab File: VX046230.D  
 Acq: 16 May 2025 10:12

Tgt Ion: 65 Resp: 65384  
 Ion Ratio Lower Upper  
 65 100  
 67 49.0 0.0 99.0

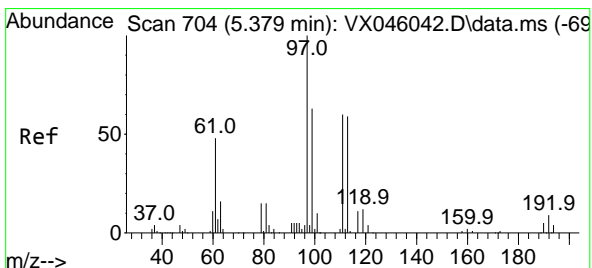
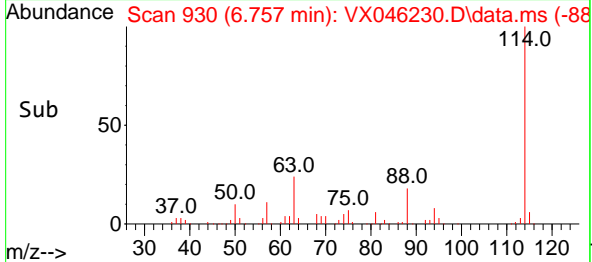
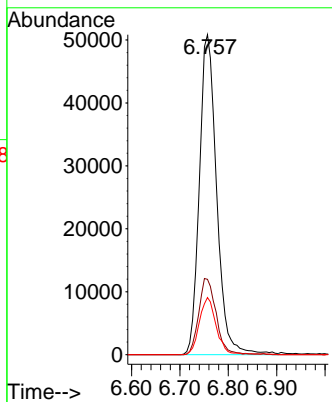
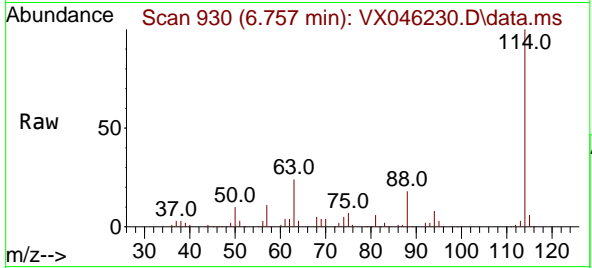




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VX046230.D  
 Acq: 16 May 2025 10:12

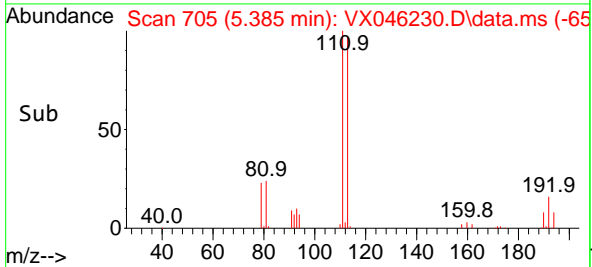
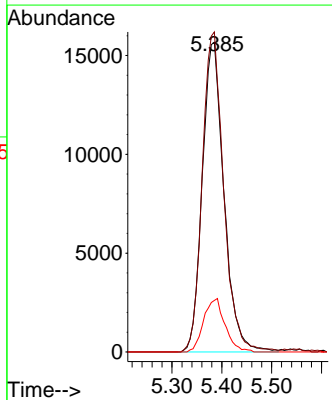
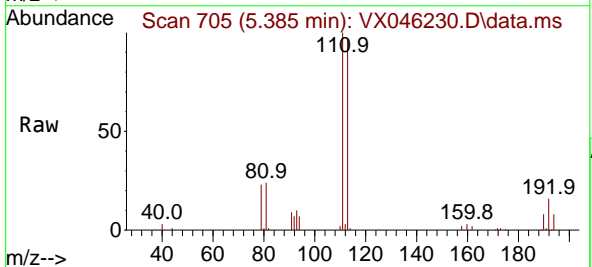
Instrument : MSVOA\_X  
 ClientSampleId : VX0516WBL01

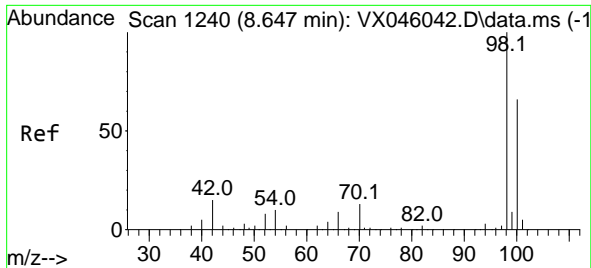
Tgt Ion	Resp	Lower	Upper
114	126396		
63	23.6	0.0	49.2
88	17.9	0.0	33.6



#35  
 Dibromofluoromethane  
 Concen: 51.940 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. 0.006 min  
 Lab File: VX046230.D  
 Acq: 16 May 2025 10:12

Tgt Ion	Resp	Lower	Upper
113	47275		
111	102.0	83.1	124.7
192	17.0	13.3	19.9

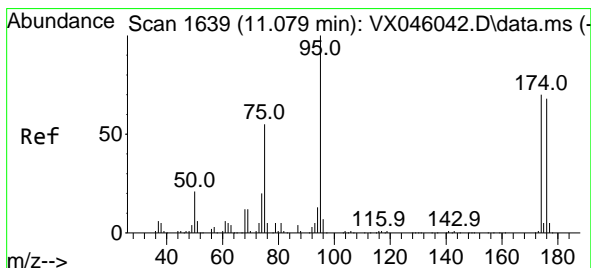
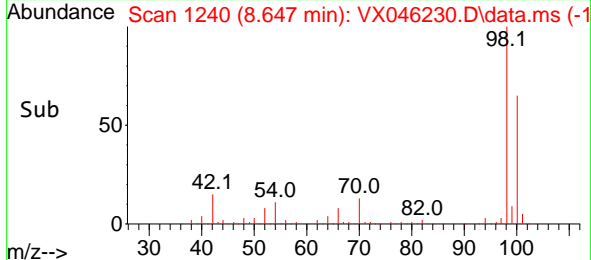
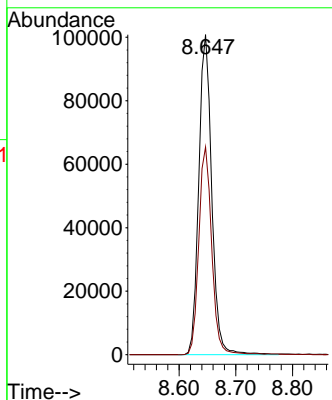
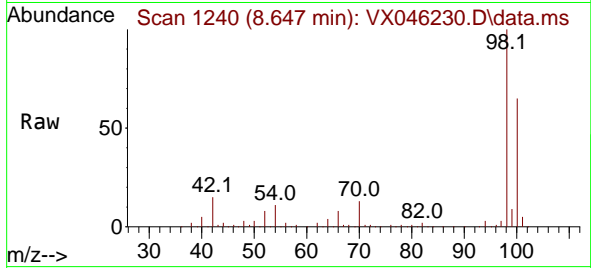




#50  
 Toluene-d8  
 Concen: 50.719 ug/l  
 RT: 8.647 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX046230.D  
 Acq: 16 May 2025 10:12

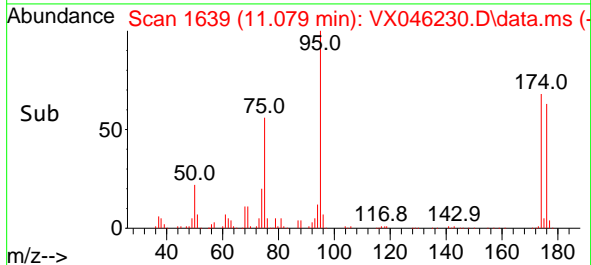
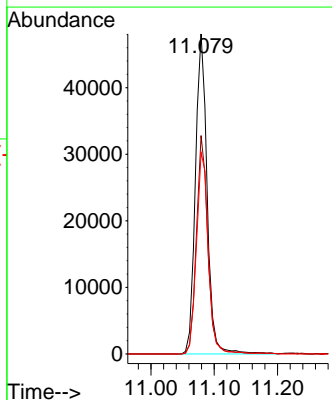
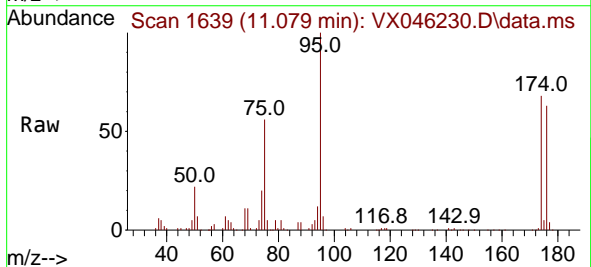
Instrument :  
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 VX0516WBL01

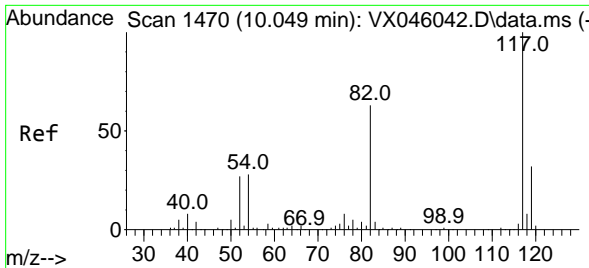
Tgt Ion: 98 Resp: 159780  
 Ion Ratio Lower Upper  
 98 100  
 100 64.8 53.5 80.3



#62  
 4-Bromofluorobenzene  
 Concen: 51.226 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.000 min  
 Lab File: VX046230.D  
 Acq: 16 May 2025 10:12

Tgt Ion: 95 Resp: 61901  
 Ion Ratio Lower Upper  
 95 100  
 174 66.5 0.0 135.8  
 176 63.8 0.0 131.4

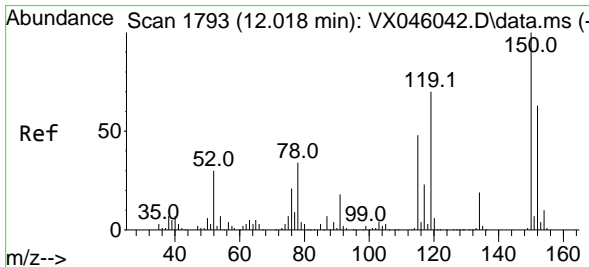
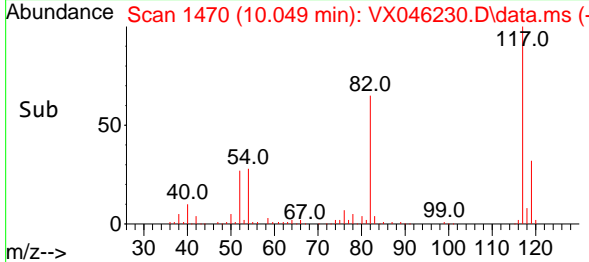
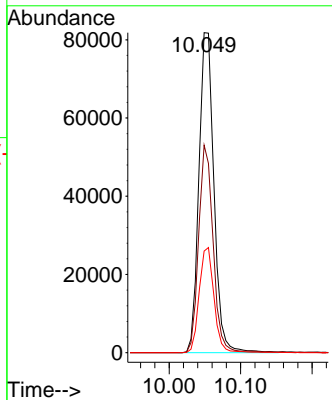
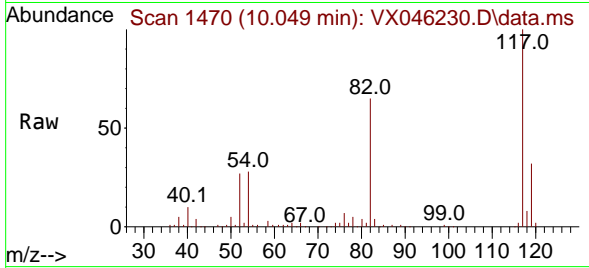




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.049 min Scan# 1470  
 Delta R.T. -0.000 min  
 Lab File: VX046230.D  
 Acq: 16 May 2025 10:12

Instrument : MSVOA\_X  
 ClientSampleId : VX0516WBL01

Tgt Ion:117 Resp: 119684  
 Ion Ratio Lower Upper  
 117 100  
 82 64.8 50.6 76.0  
 119 31.8 25.8 38.6



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 1793  
 Delta R.T. -0.000 min  
 Lab File: VX046230.D  
 Acq: 16 May 2025 10:12

Tgt Ion:152 Resp: 51388  
 Ion Ratio Lower Upper  
 152 100  
 115 65.8 46.9 140.7  
 150 158.6 0.0 351.0

