

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
 Data File : VX046316.D
 Acq On : 22 May 2025 10:03
 Operator : JC/MD
 Sample : Q2102-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0078

Quant Time: May 23 01:42:09 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)

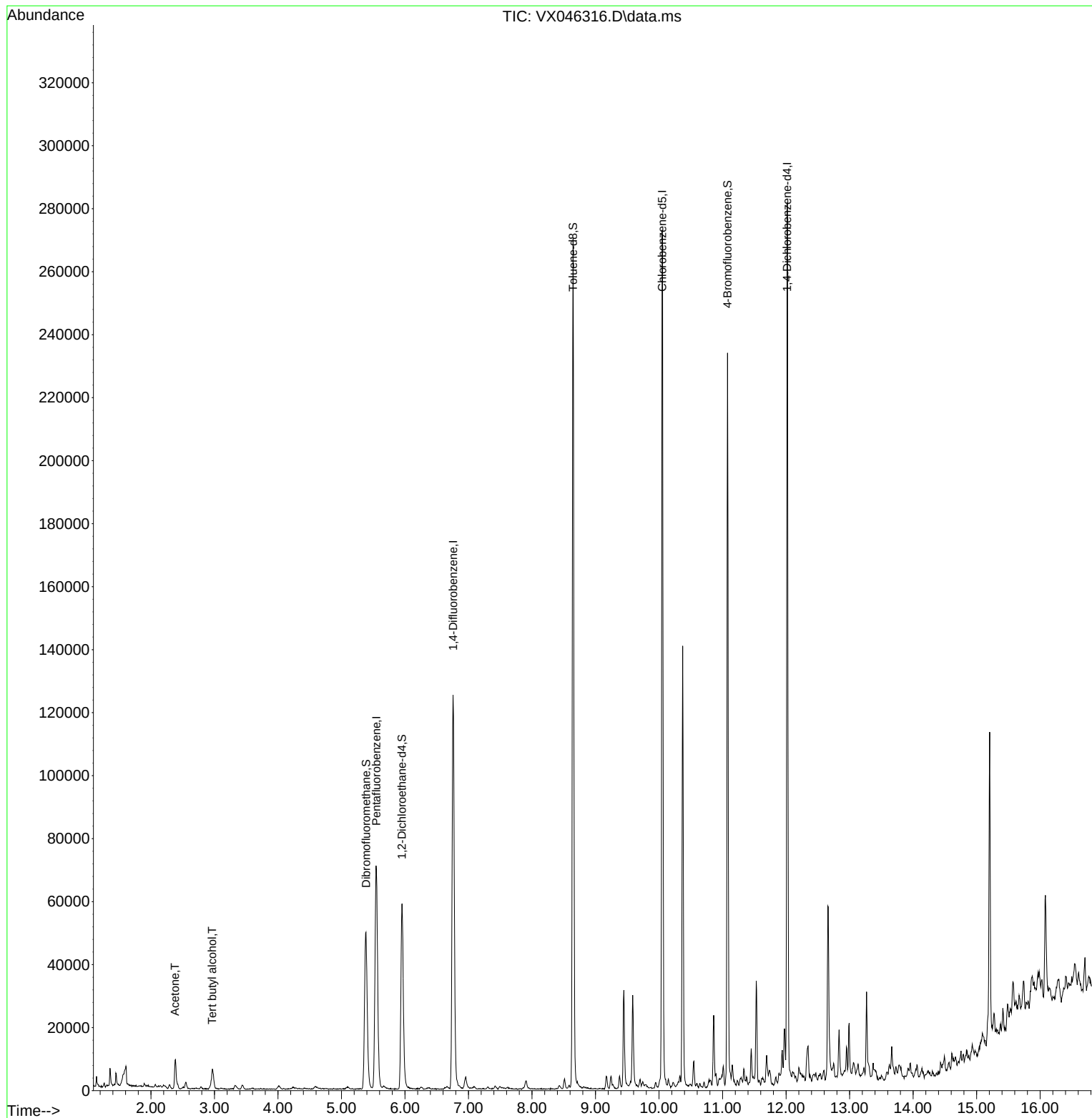
Internal Standards						
1) Pentafluorobenzene	5.550	168	60804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60259	53.158	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.320%	
35) Dibromofluoromethane	5.385	113	43568	50.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.340%	
50) Toluene-d8	8.647	98	152144	50.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	11.079	95	60528	52.500	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	7189	45.180	ug/l	99
16) Acetone	2.380	43	11133	24.494	ug/l	93

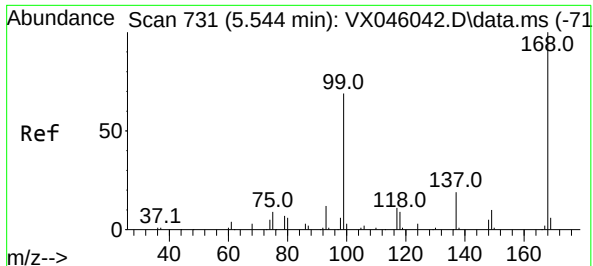
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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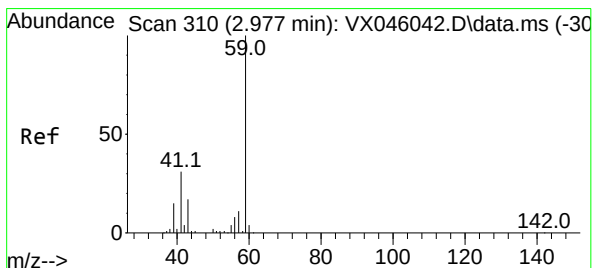
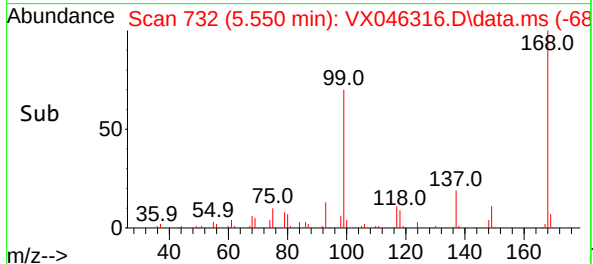
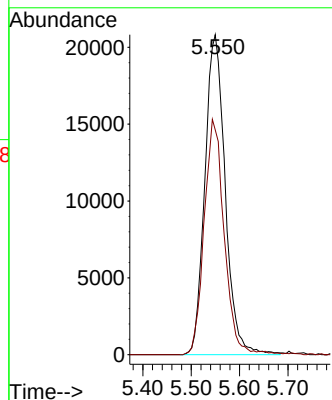
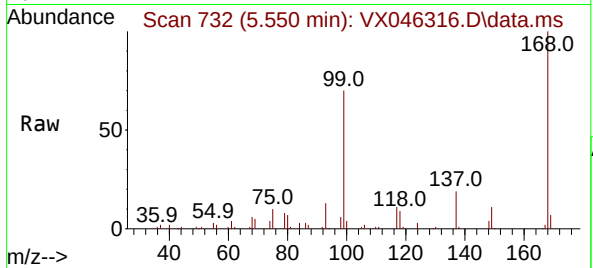




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046316.D
Acq: 22 May 2025 10:03

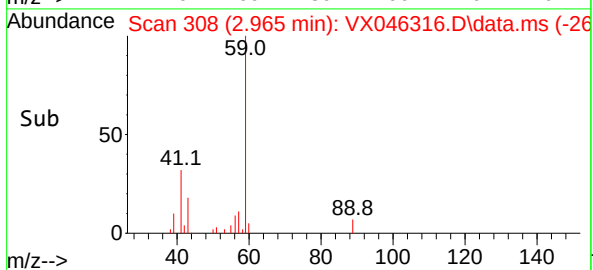
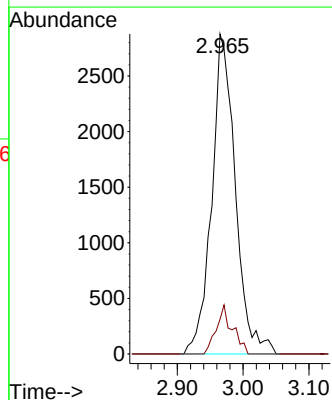
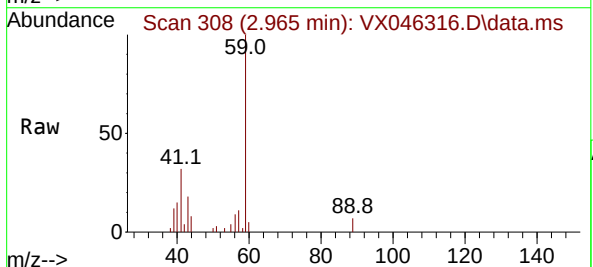
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0078

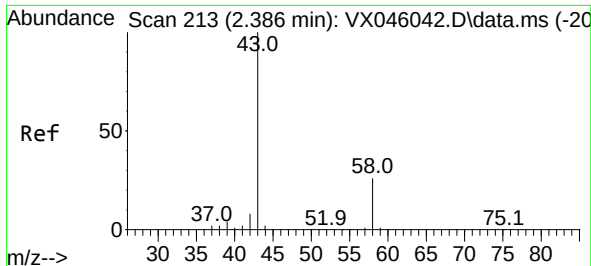
Tgt Ion:168 Resp: 60804
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#11
Tert butyl alcohol
Concen: 45.180 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046316.D
Acq: 22 May 2025 10:03

Tgt Ion: 59 Resp: 7189
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

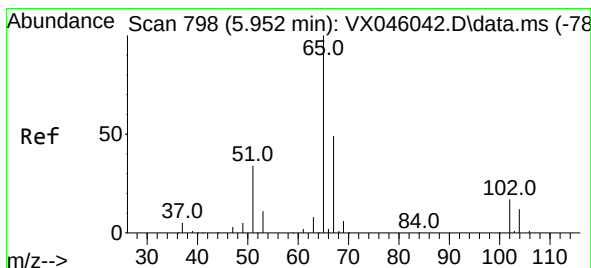
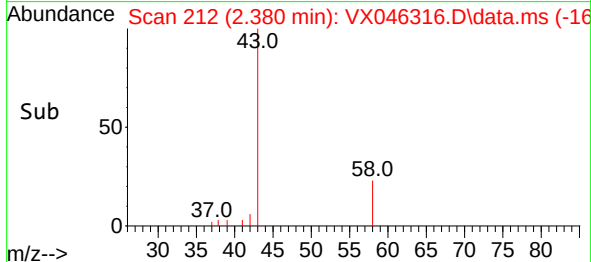
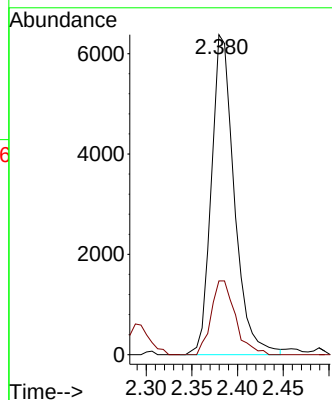
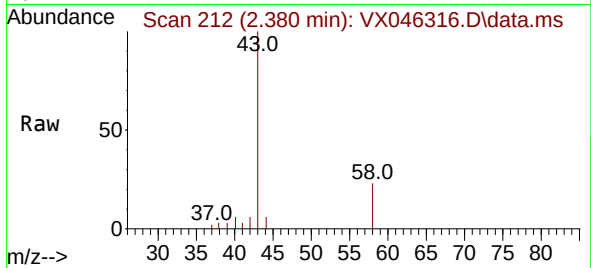




#16
Acetone
Concen: 24.494 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046316.D
Acq: 22 May 2025 10:03

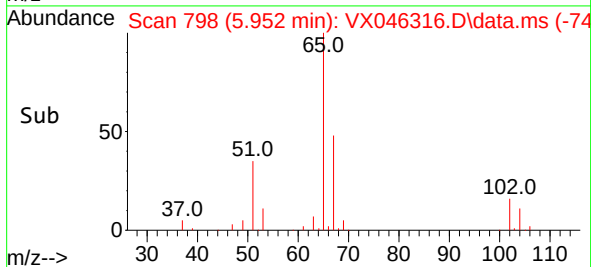
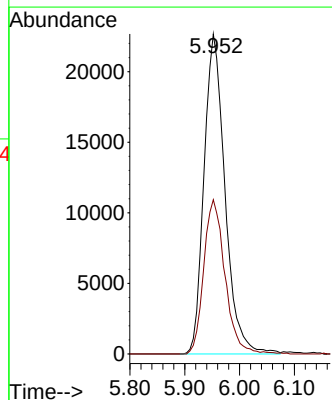
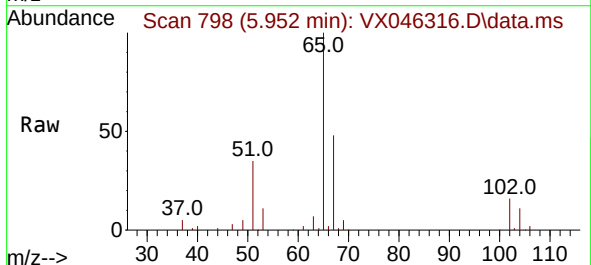
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0078

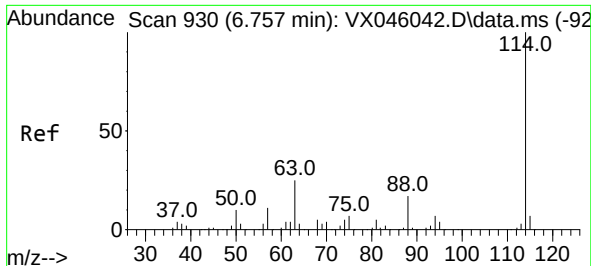
Tgt Ion: 43 Resp: 11133
Ion Ratio Lower Upper
43 100
58 23.1 21.2 31.8



#33
1,2-Dichloroethane-d4
Concen: 53.158 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046316.D
Acq: 22 May 2025 10:03

Tgt Ion: 65 Resp: 60259
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

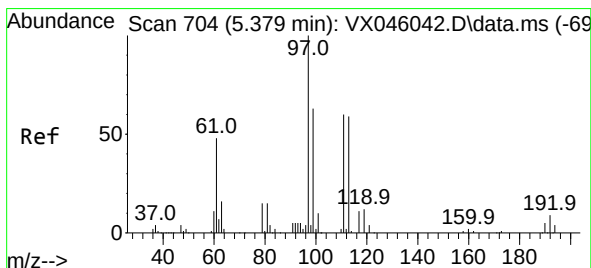
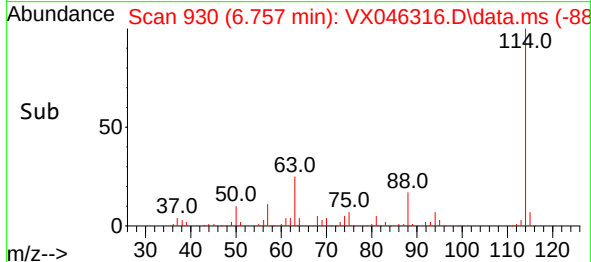
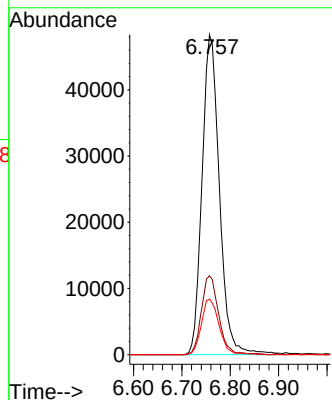
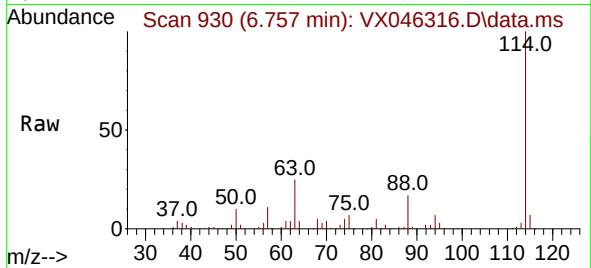




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046316.D
Acq: 22 May 2025 10:03

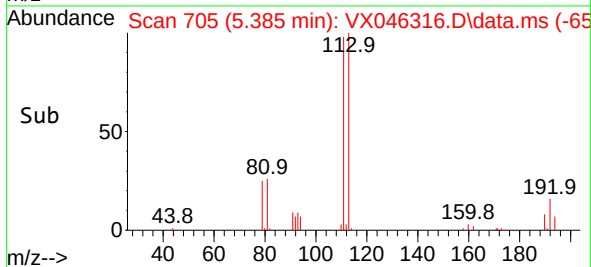
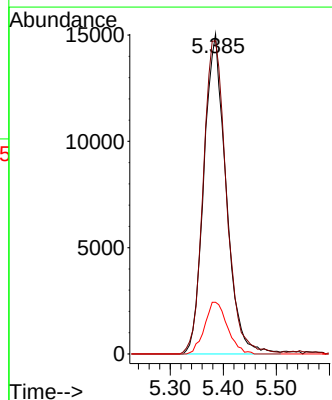
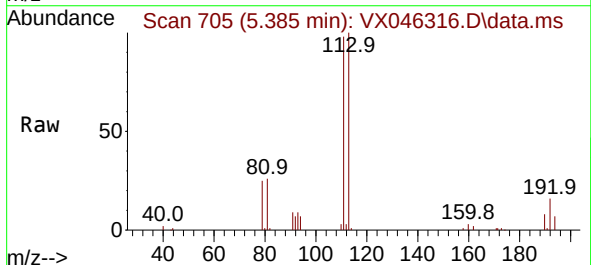
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0078

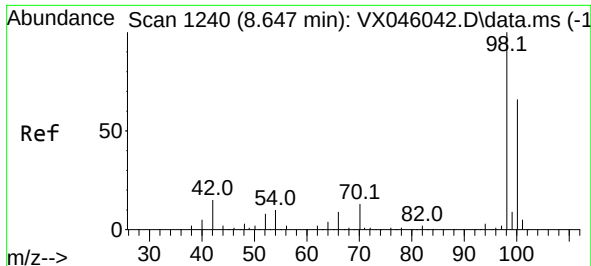
Tgt Ion:114 Resp: 120592
Ion Ratio Lower Upper
114 100
63 24.7 0.0 49.2
88 17.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.171 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046316.D
Acq: 22 May 2025 10:03

Tgt Ion:113 Resp: 43568
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 16.6 13.3 19.9

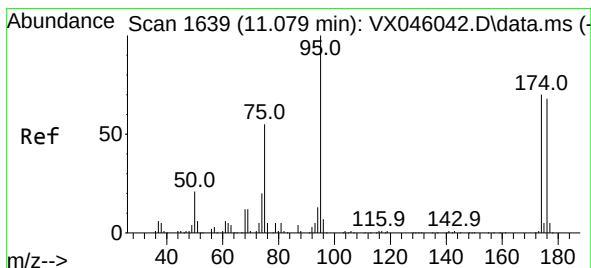
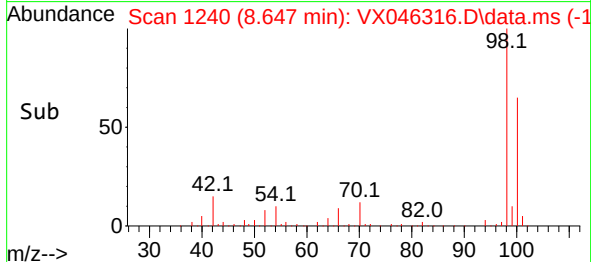
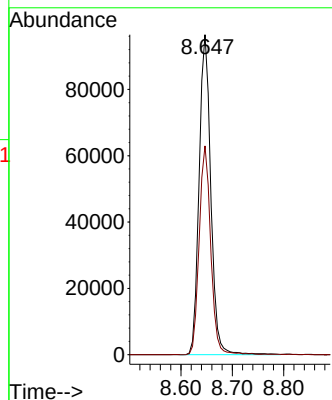
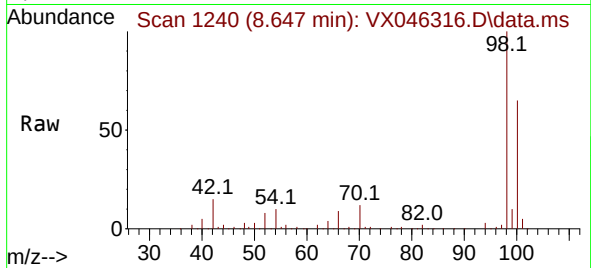




#50
Toluene-d8
Concen: 50.620 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046316.D
Acq: 22 May 2025 10:03

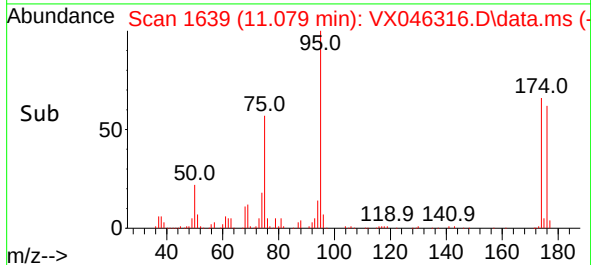
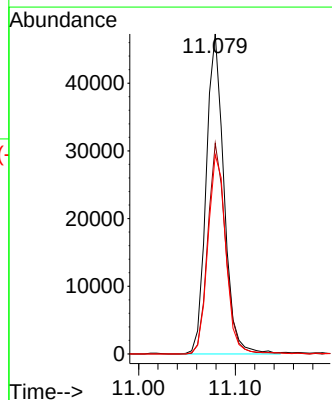
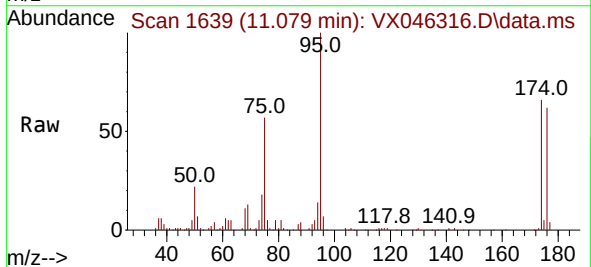
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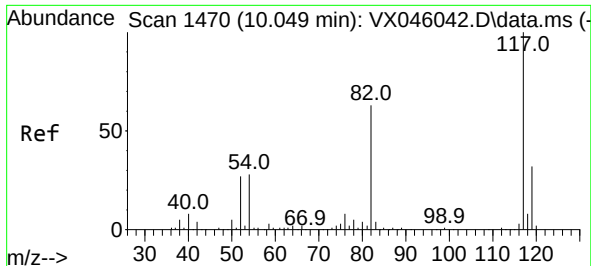
Tgt Ion: 98 Resp: 152144
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046316.D
Acq: 22 May 2025 10:03

Tgt Ion: 95 Resp: 60528
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 63.0 0.0 131.4

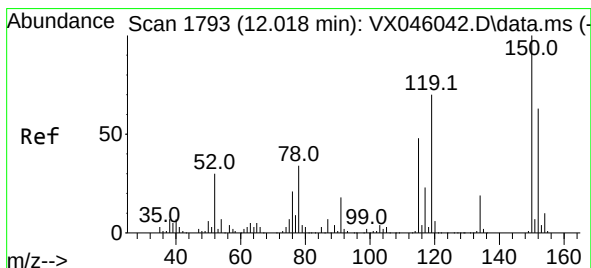
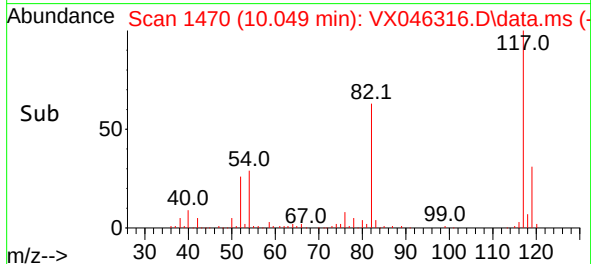
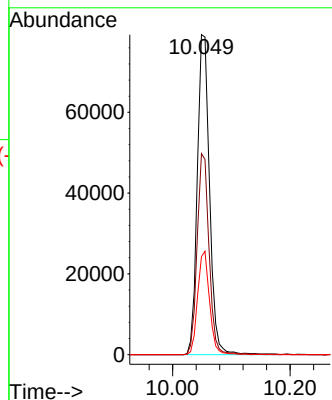
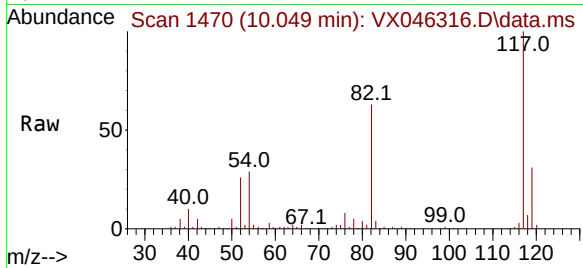




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046316.D
Acq: 22 May 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0078

Tgt Ion:117 Resp: 114992
Ion Ratio Lower Upper
117 100
82 62.9 50.6 76.0
119 30.6 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: VX046316.D
Acq: 22 May 2025 10:03

Tgt Ion:152 Resp: 49960
Ion Ratio Lower Upper
152 100
115 66.2 46.9 140.7
150 160.3 0.0 351.0

