

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050925\
 Data File : VX046118.D
 Acq On : 09 May 2025 16:24
 Operator : JC/MD
 Sample : Q1993-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20250508

Quant Time: May 09 23:16:44 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)

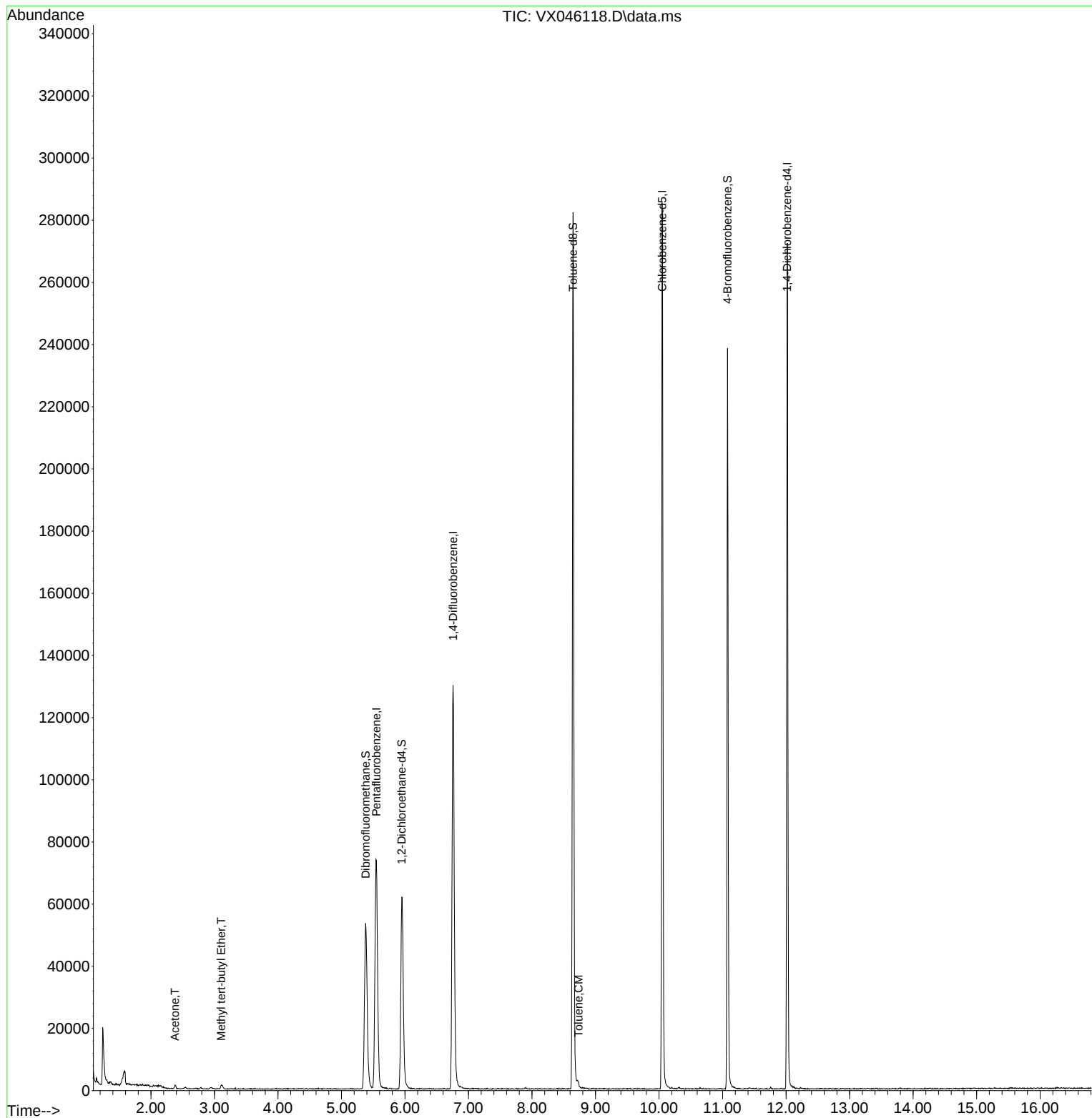
Internal Standards						
1) Pentafluorobenzene	5.550	168	62798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64000	54.666	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.340%		
35) Dibromofluoromethane	5.379	113	46462	51.451	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.900%		
50) Toluene-d8	8.647	98	158899	50.839	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.680%		
62) 4-Bromofluorobenzene	11.079	95	60591	50.539	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.080%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	1323	2.818	ug/l #	85
19) Methyl tert-butyl Ether	3.105	73	1396	0.535	ug/l	91
52) Toluene	8.732	92	610	0.280	ug/l	76

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

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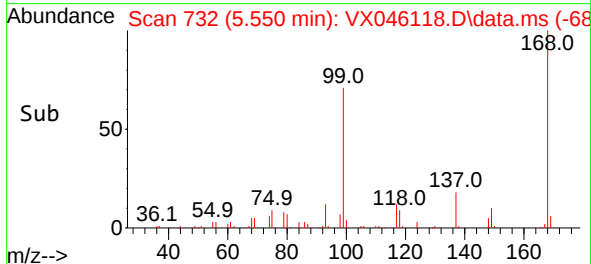
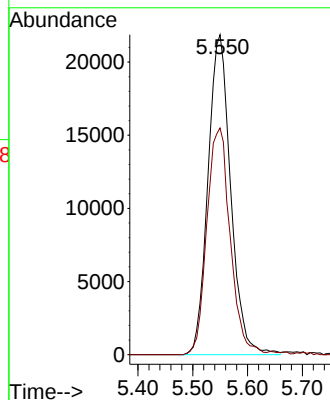
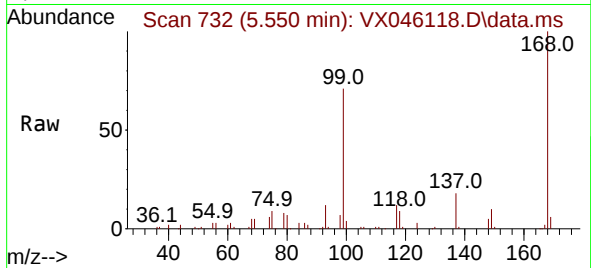




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046118.D
Acq: 09 May 2025 16:24

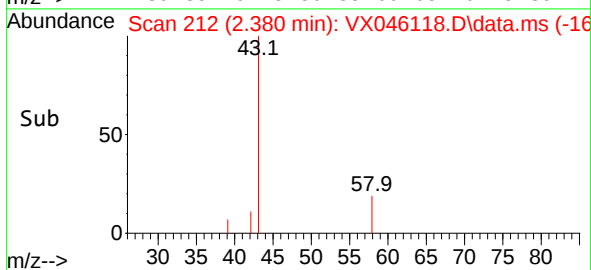
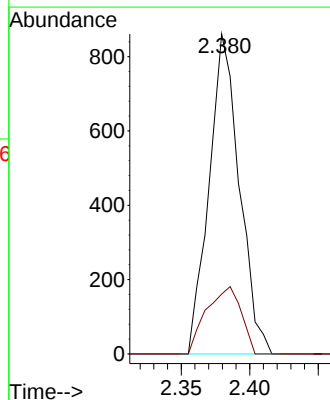
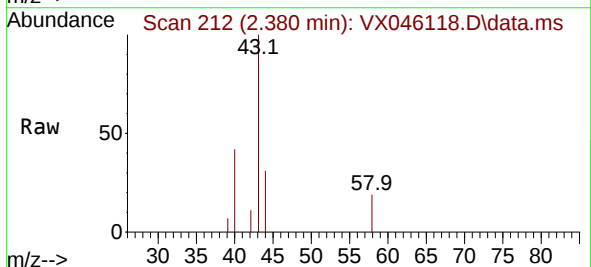
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508

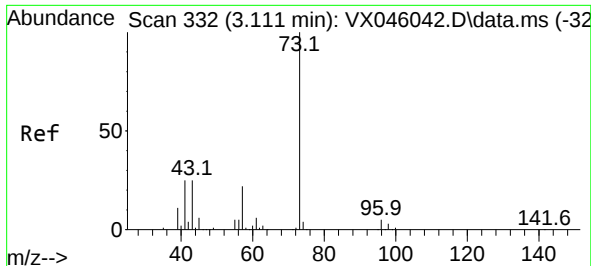
Tgt Ion:168 Resp: 62798
Ion Ratio Lower Upper
168 100
99 70.8 54.9 82.3



#16
Acetone
Concen: 2.818 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046118.D
Acq: 09 May 2025 16:24

Tgt Ion: 43 Resp: 1323
Ion Ratio Lower Upper
43 100
58 18.7 21.2 31.8#

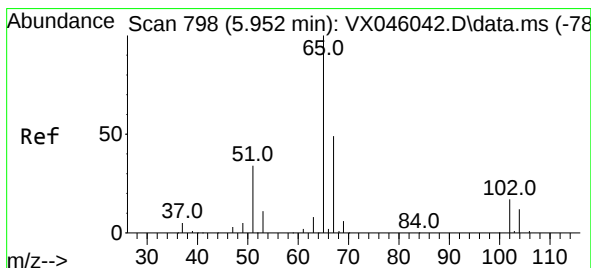
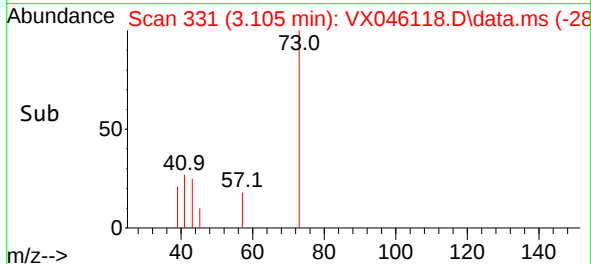
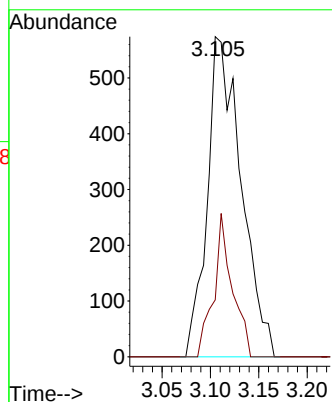
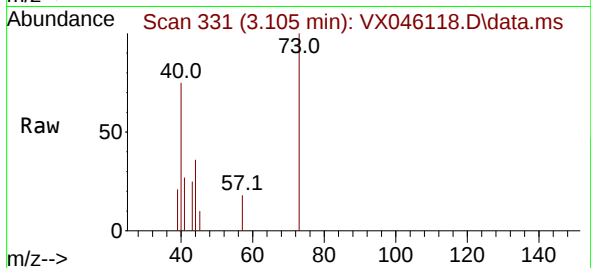




#19
Methyl tert-butyl Ether
Concen: 0.535 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046118.D
Acq: 09 May 2025 16:24

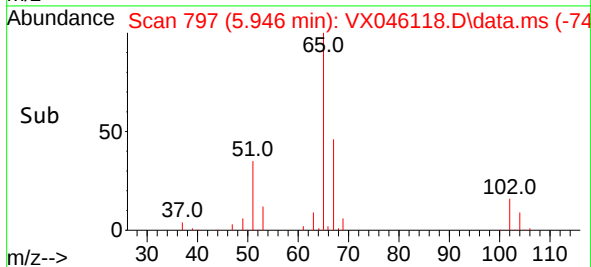
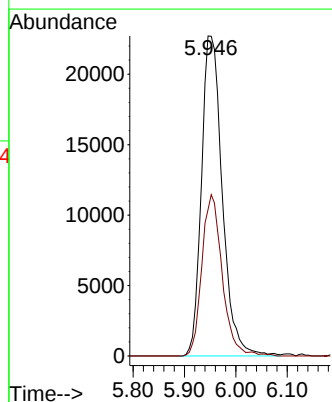
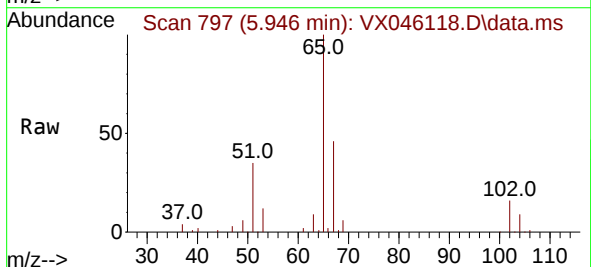
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508

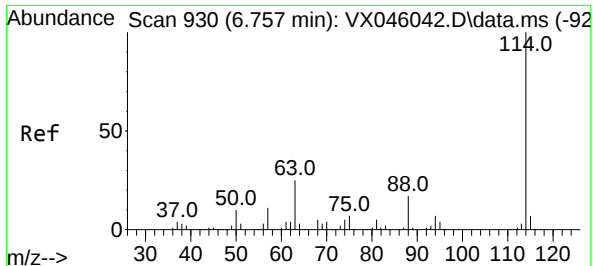
Tgt Ion: 73 Resp: 1396
Ion Ratio Lower Upper
73 100
57 17.8 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 54.666 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046118.D
Acq: 09 May 2025 16:24

Tgt Ion: 65 Resp: 64000
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

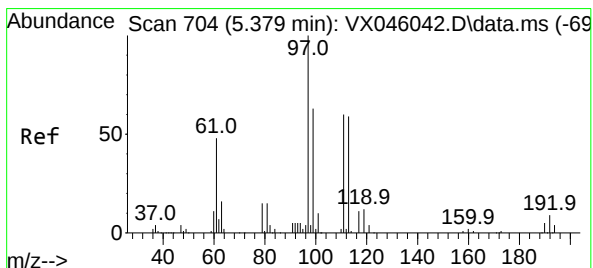
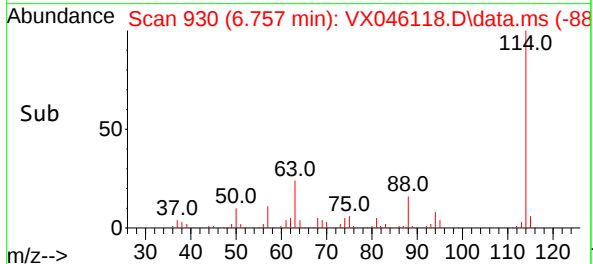
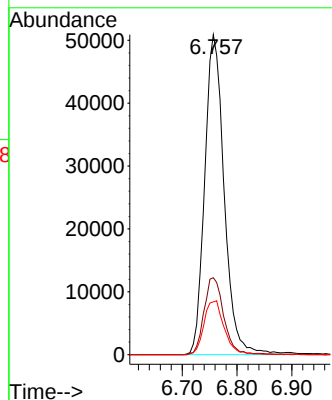
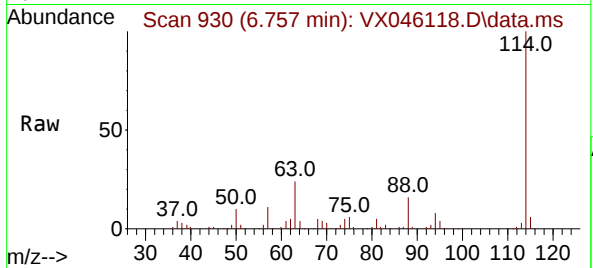




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046118.D
Acq: 09 May 2025 16:24

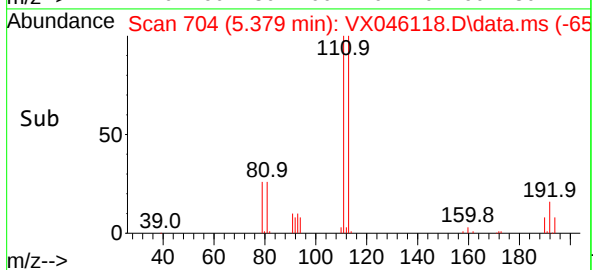
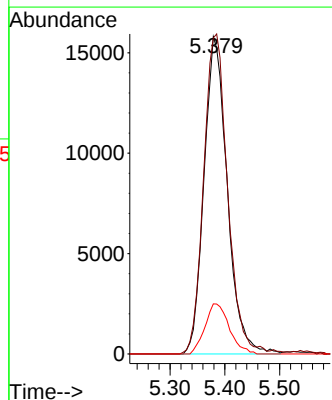
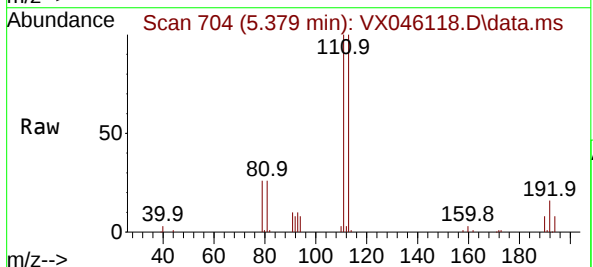
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20250508

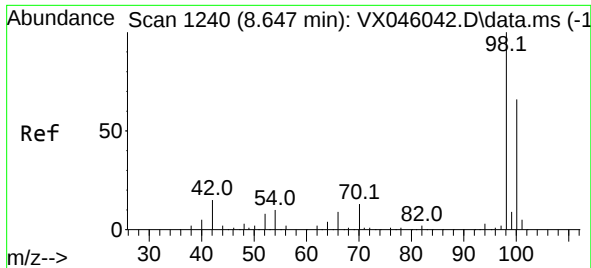
Tgt Ion:114 Resp: 125403
Ion Ratio Lower Upper
114 100
63 24.0 0.0 49.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.451 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046118.D
Acq: 09 May 2025 16:24

Tgt Ion:113 Resp: 46462
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 16.5 13.3 19.9

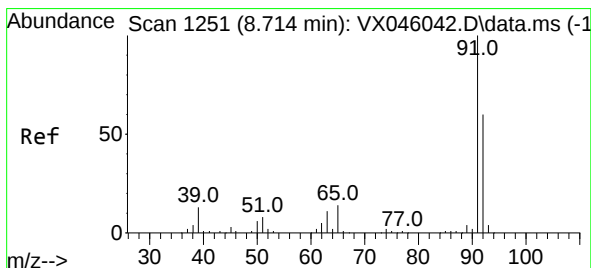
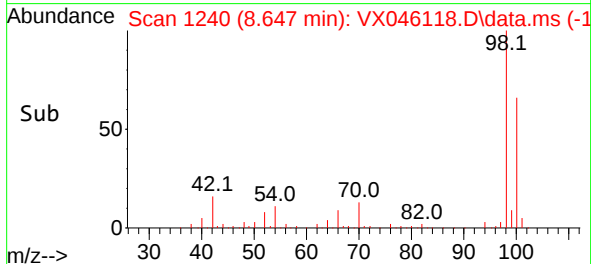
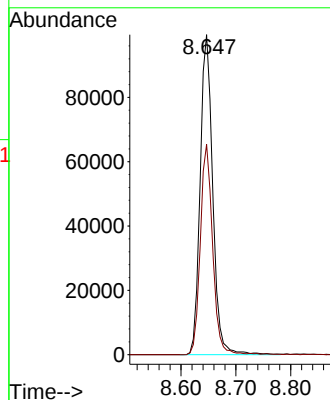
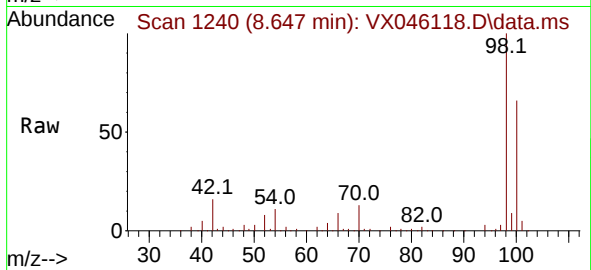




#50
Toluene-d8
Concen: 50.839 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046118.D
Acq: 09 May 2025 16:24

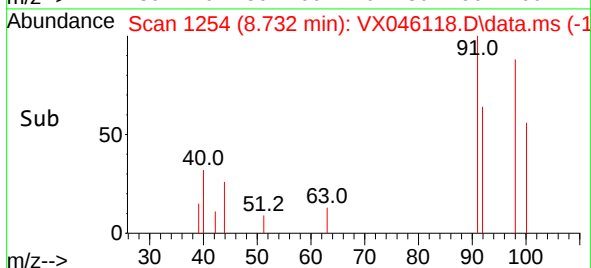
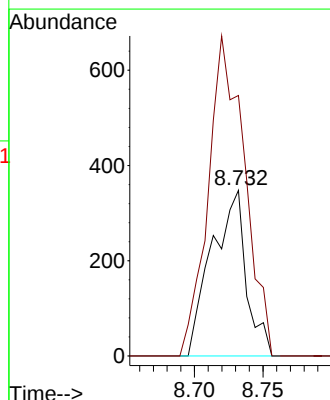
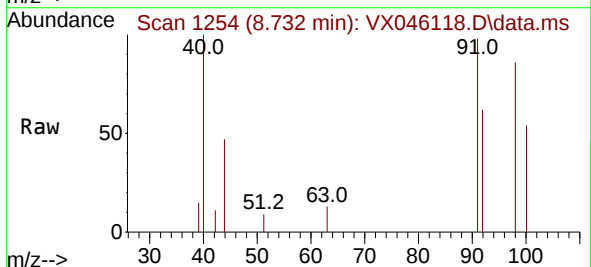
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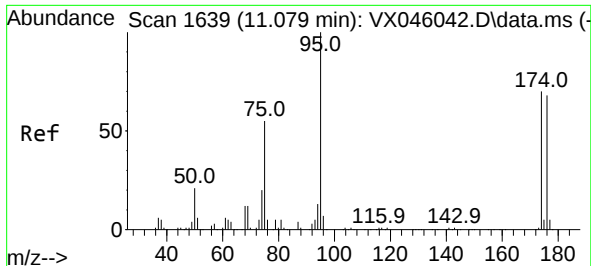
Tgt Ion: 98 Resp: 158899
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3



#52
Toluene
Concen: 0.280 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.018 min
Lab File: VX046118.D
Acq: 09 May 2025 16:24

Tgt Ion: 92 Resp: 610
Ion Ratio Lower Upper
92 100
91 203.6 136.6 205.0

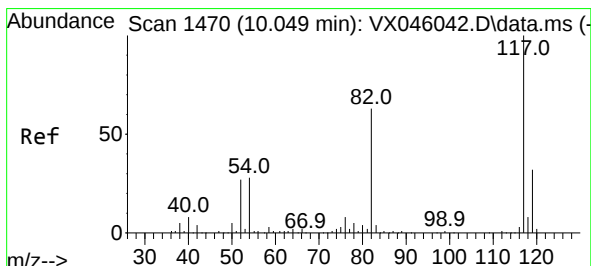
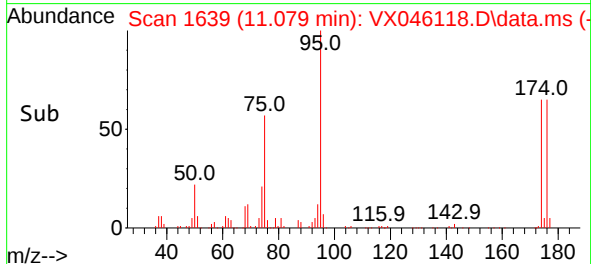
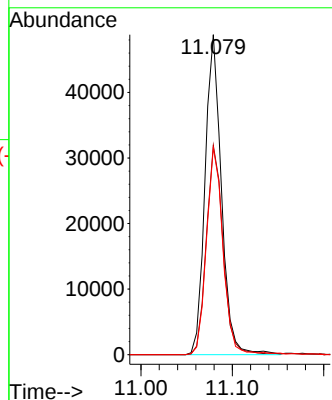
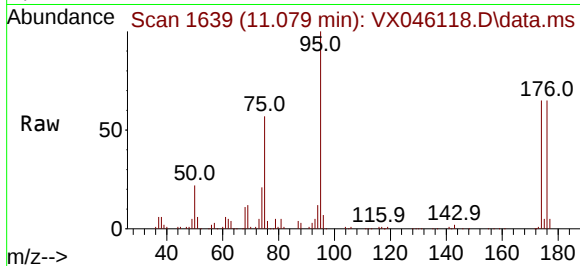




#62
4-Bromofluorobenzene
Concen: 50.539 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046118.D
Acq: 09 May 2025 16:24

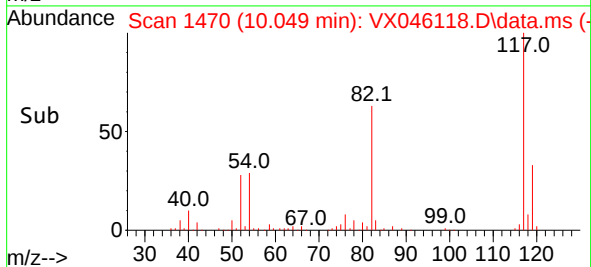
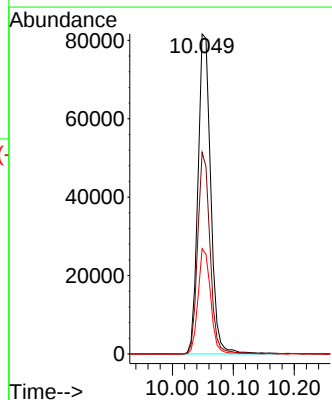
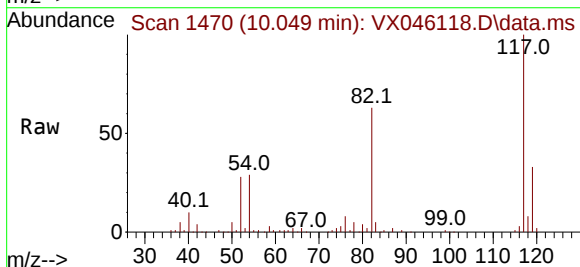
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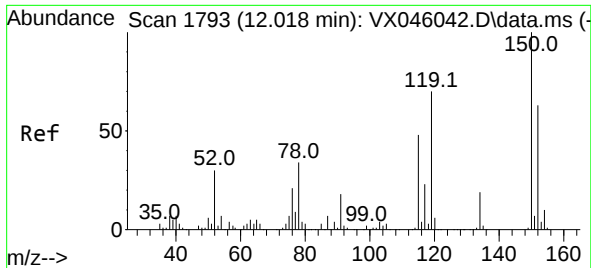
Tgt Ion: 95 Resp: 60591
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 65.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046118.D
Acq: 09 May 2025 16:24

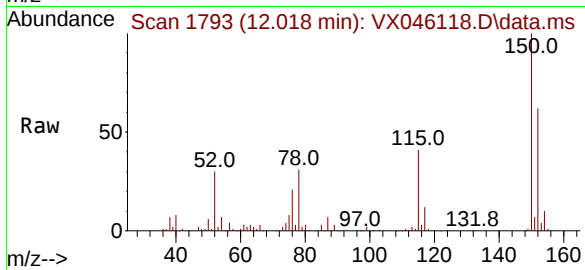
Tgt Ion: 117 Resp: 118620
Ion Ratio Lower Upper
117 100
82 63.0 50.6 76.0
119 32.9 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046118.D
 Acq: 09 May 2025 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20250508



Tgt Ion:152 Resp: 49722
 Ion Ratio Lower Upper
 152 100
 115 66.1 46.9 140.7
 150 162.0 0.0 351.0

