

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046301.D
 Acq On : 21 May 2025 16:39
 Operator : JC/MD
 Sample : Q2082-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-390-392

Quant Time: May 22 01:51:57 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)

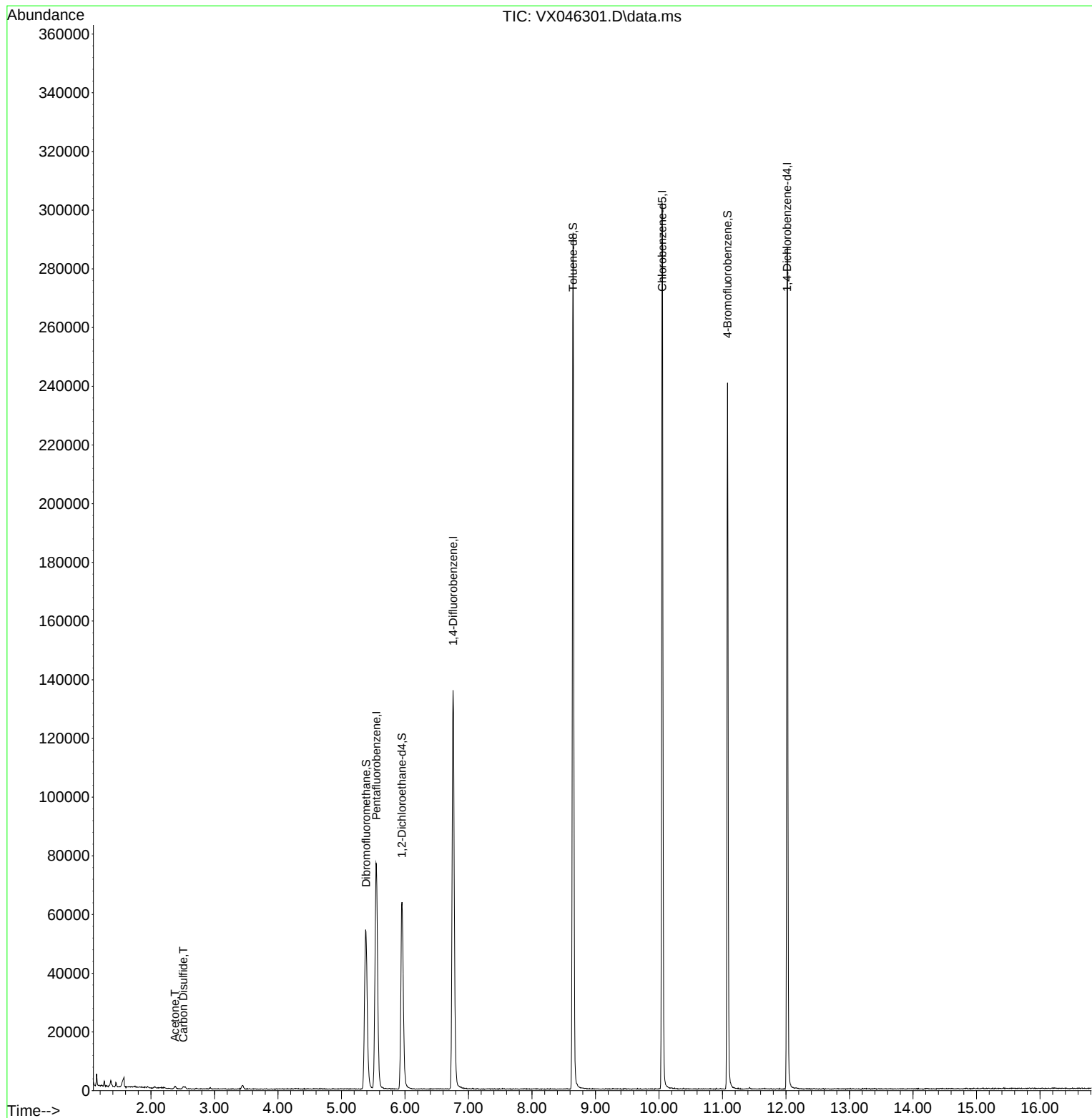
Internal Standards						
1) Pentafluorobenzene	5.550	168	65898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66464	54.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.200%			
35) Dibromofluoromethane	5.385	113	47621	50.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.647	98	164758	50.843	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.680%			
62) 4-Bromofluorobenzene	11.079	95	64090	51.560	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.120%			
Target Compounds						
16) Acetone	2.380	43	1249	2.536	ug/l #	86
17) Carbon Disulfide	2.508	76	910	0.491	ug/l	99

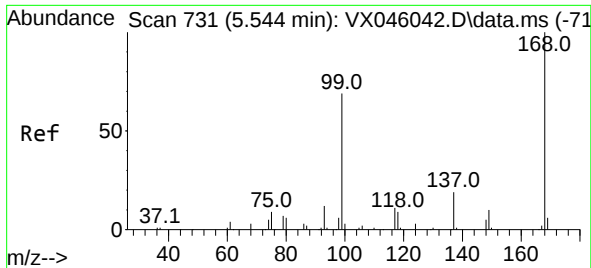
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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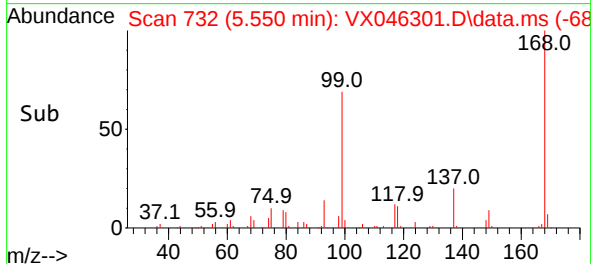
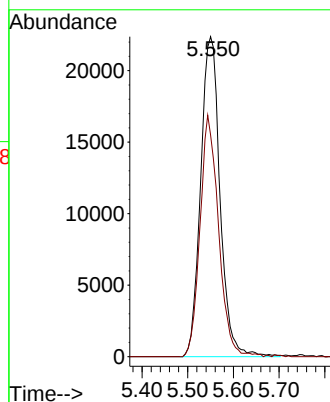
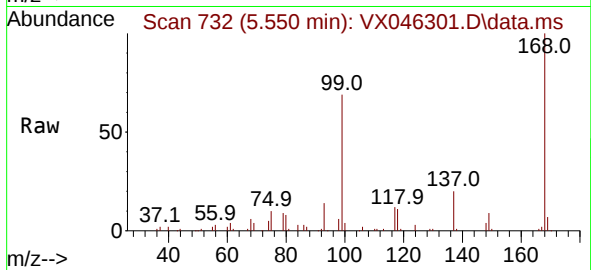




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

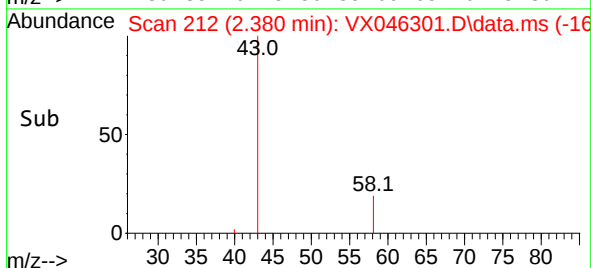
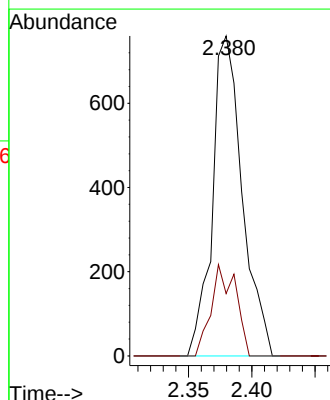
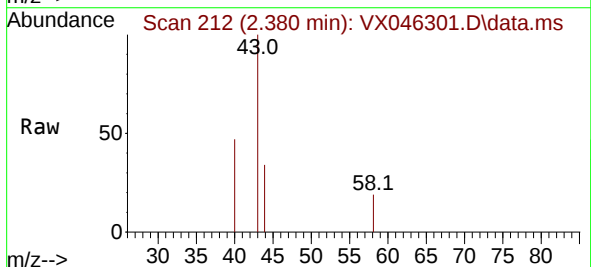
Instrument :
MSVOA_X
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BP-VPB-182-GW-390-392

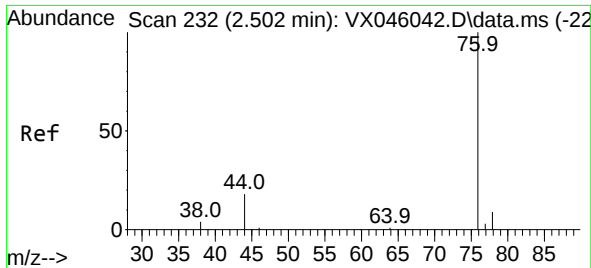
Tgt Ion:168 Resp: 65898
Ion Ratio Lower Upper
168 100
99 69.3 54.9 82.3



#16
Acetone
Concen: 2.536 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
58 19.5 21.2 31.8#

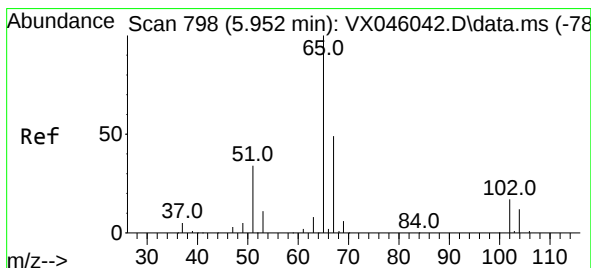
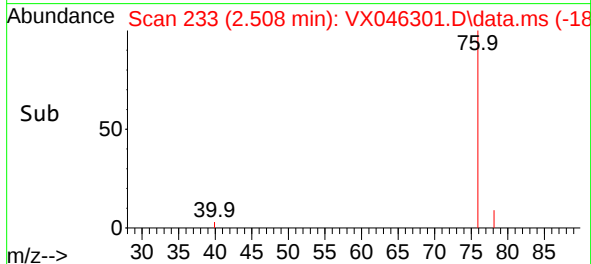
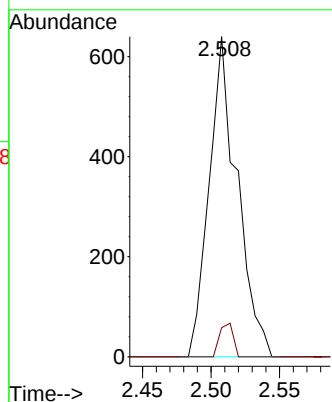
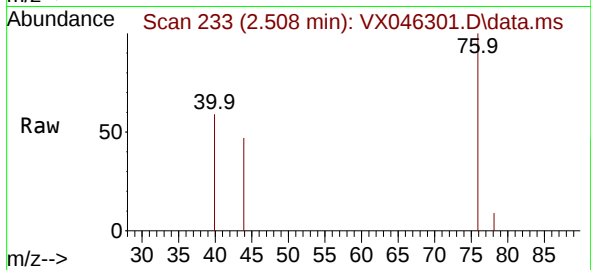




#17
Carbon Disulfide
Concen: 0.491 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

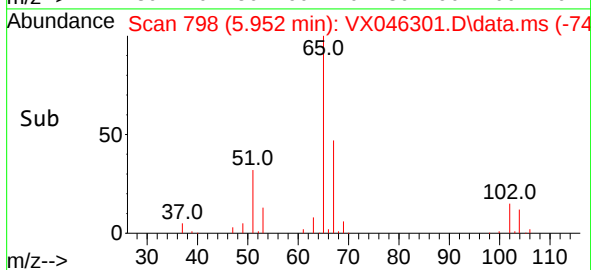
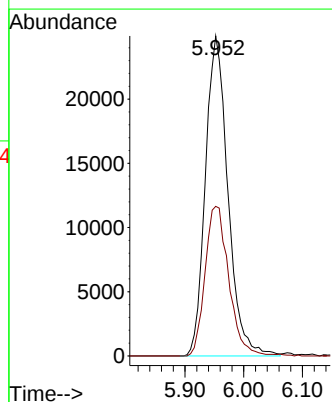
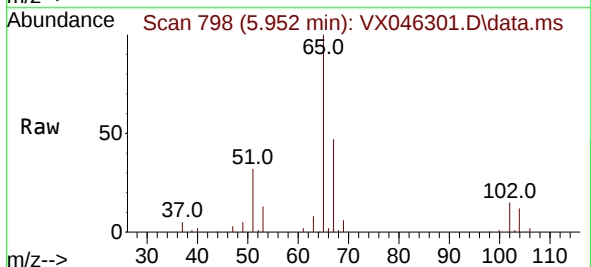
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-390-392

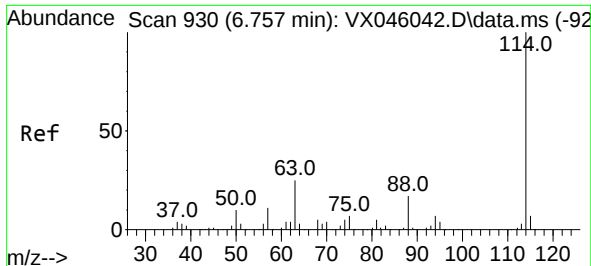
Tgt Ion: 76 Resp: 910
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 54.100 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Tgt Ion: 65 Resp: 66464
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

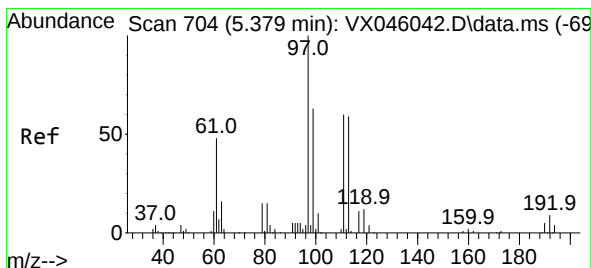
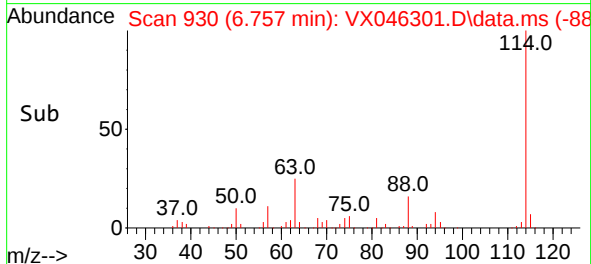
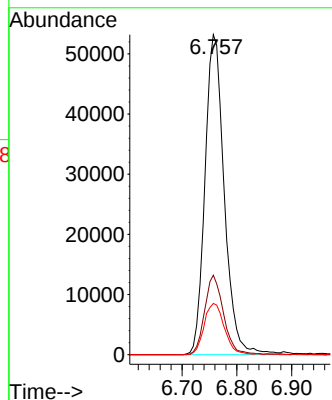
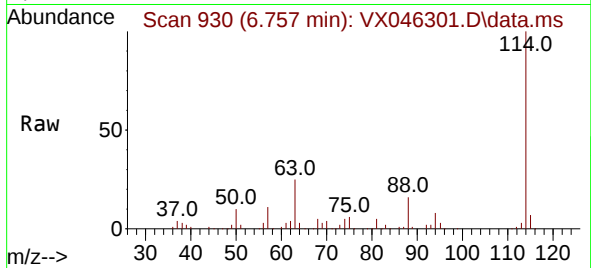




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

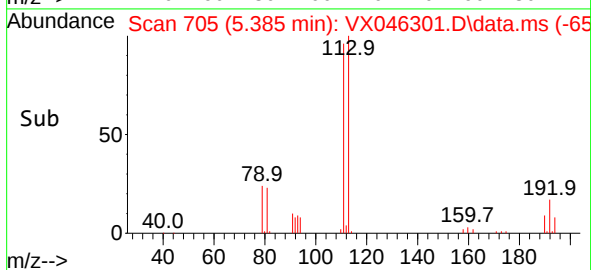
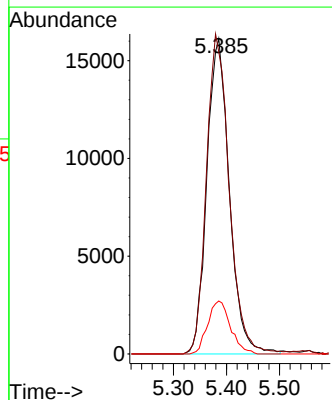
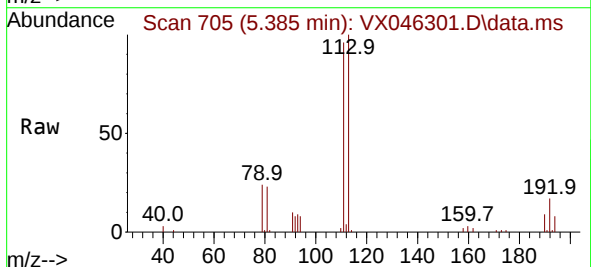
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-390-392

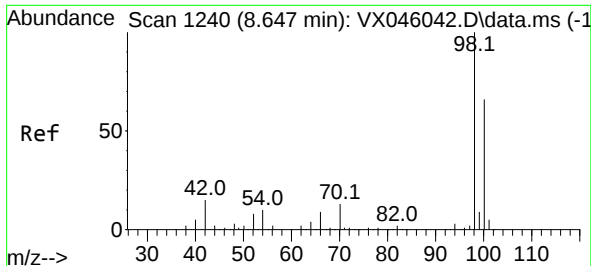
Tgt Ion:114 Resp: 130017
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.2
88 16.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.863 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Tgt Ion:113 Resp: 47621
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 17.0 13.3 19.9

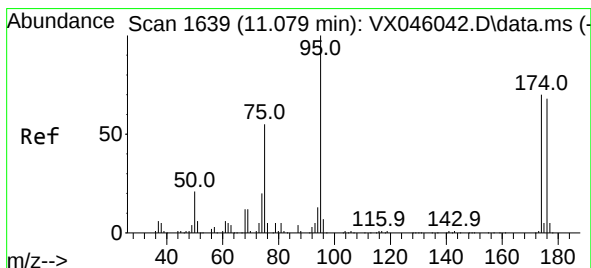
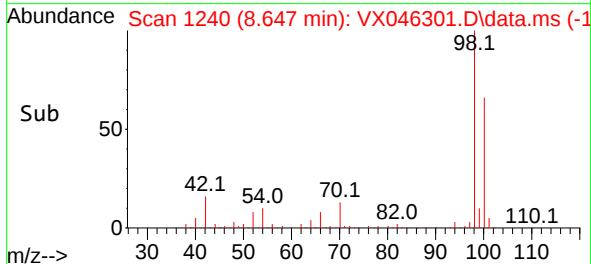
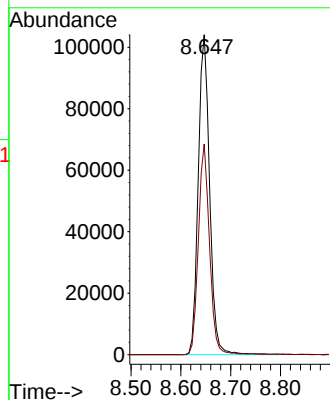
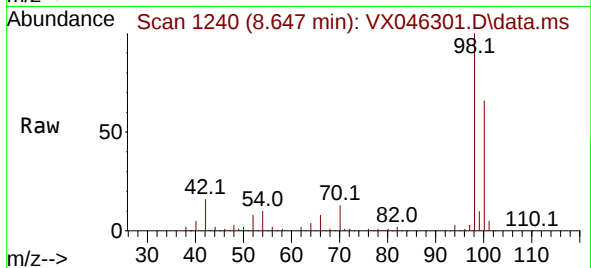




#50
Toluene-d8
Concen: 50.843 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

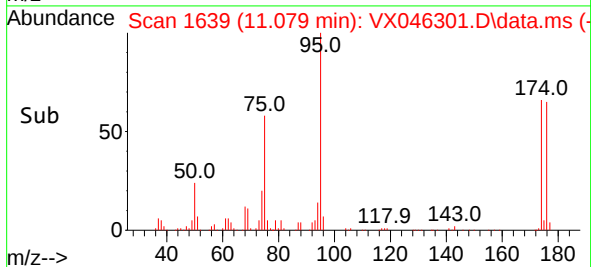
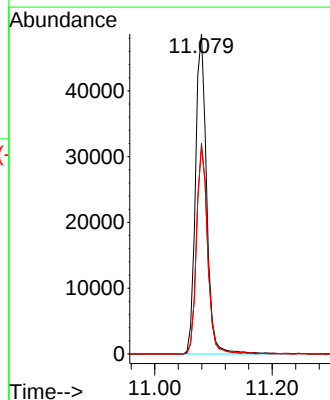
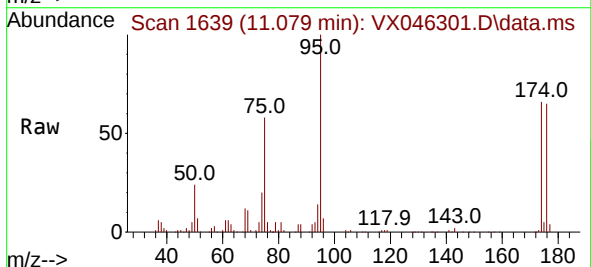
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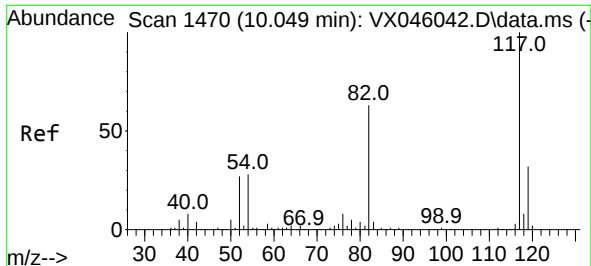
Tgt Ion: 98 Resp: 164758
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.560 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Tgt Ion: 95 Resp: 64090
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.8
176 64.9 0.0 131.4

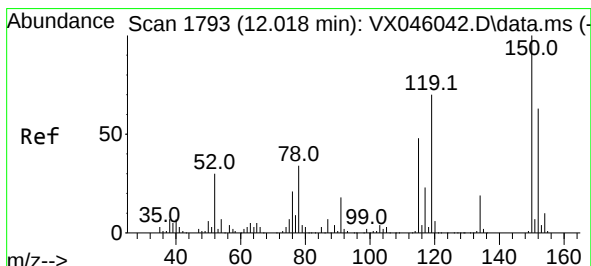
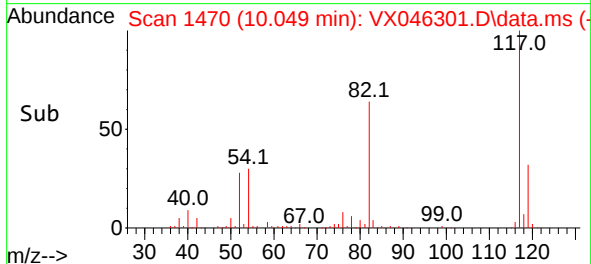
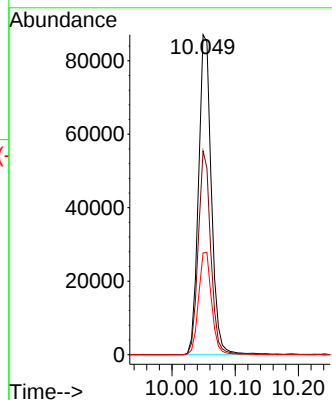
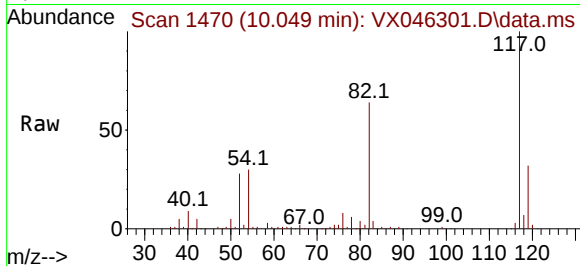




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-390-392

Tgt Ion:117 Resp: 123419
Ion Ratio Lower Upper
117 100
82 63.7 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: VX046301.D
Acq: 21 May 2025 16:39

Tgt Ion:152 Resp: 52601
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 157.3 0.0 351.0

