

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048899.D
 Acq On : 16 Dec 2025 19:52
 Operator : JC/MD
 Sample : Q3776-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-RAD-20251203RE

Quant Time: Dec 17 03:29:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

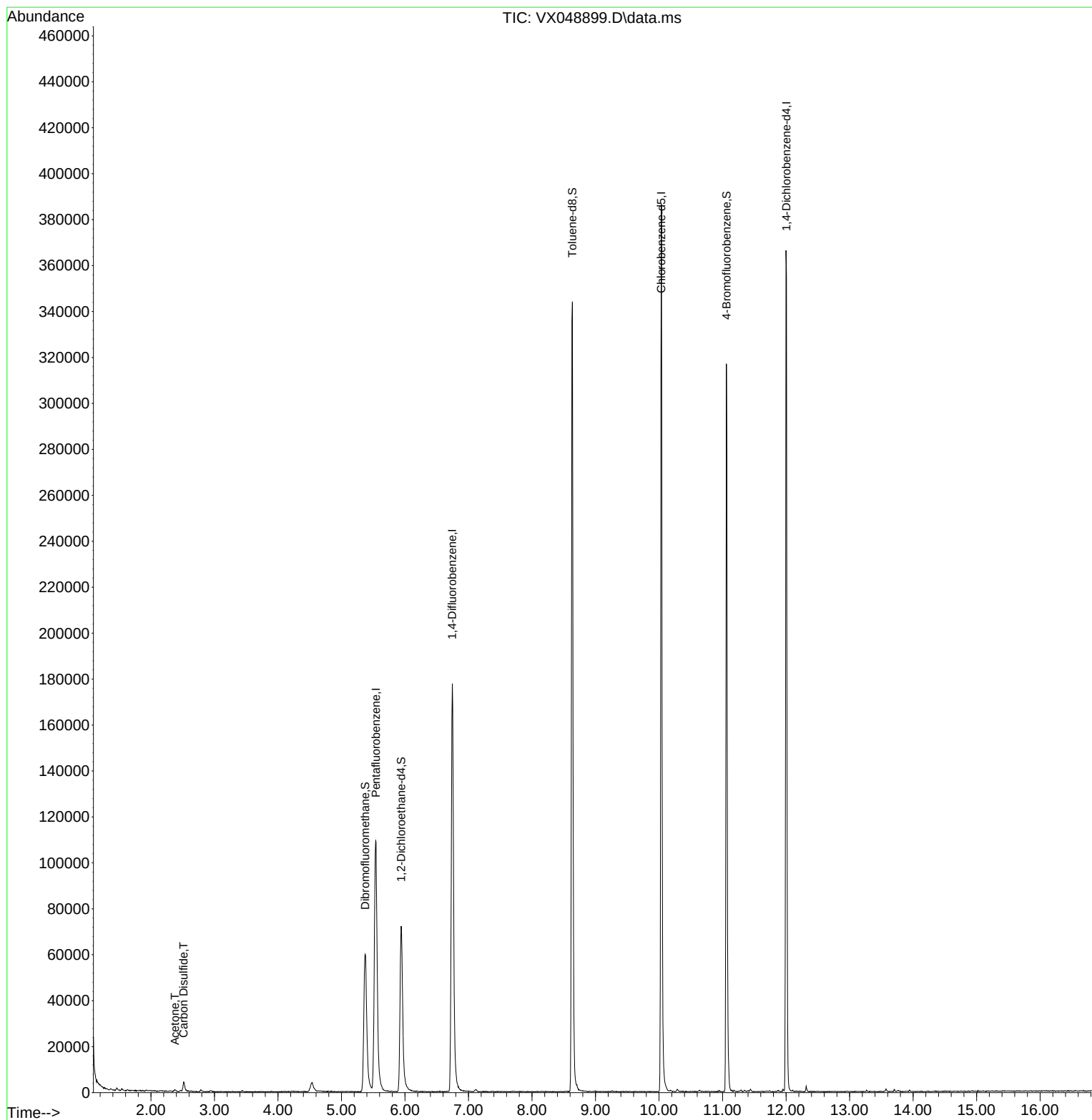
Internal Standards						
1) Pentafluorobenzene	5.544	168	114045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	193825	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	174500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	79723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	80208	42.075	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.160%		
35) Dibromofluoromethane	5.373	113	60100	41.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.440%		
50) Toluene-d8	8.635	98	220494	42.870	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.740%#		
62) 4-Bromofluorobenzene	11.061	95	82802	44.841	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.680%		
Target Compounds						
16) Acetone	2.380	43	1249	3.110	ug/l	100
17) Carbon Disulfide	2.514	76	1722	0.479	ug/l	96

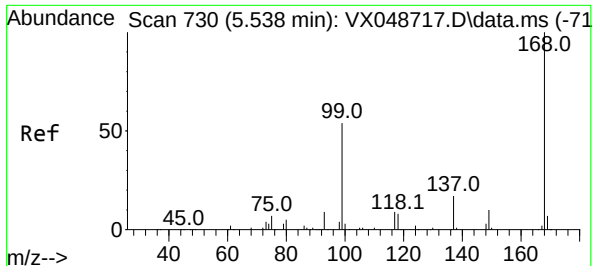
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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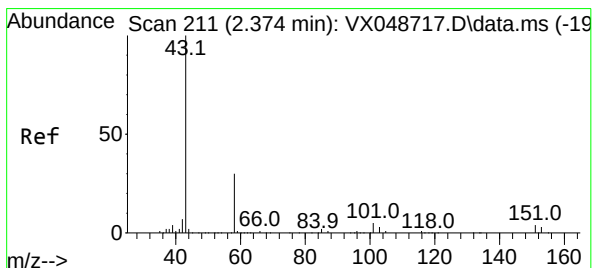
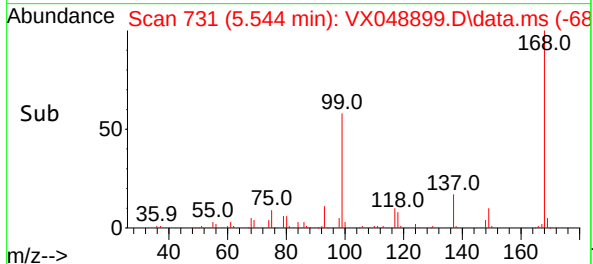
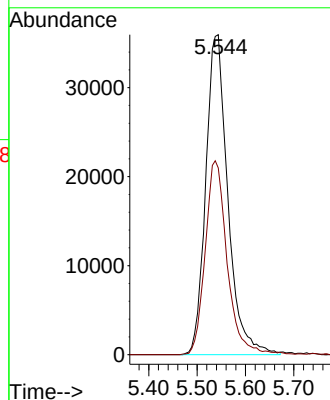
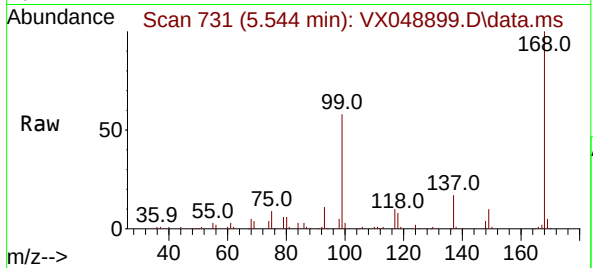




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048899.D
Acq: 16 Dec 2025 19:52

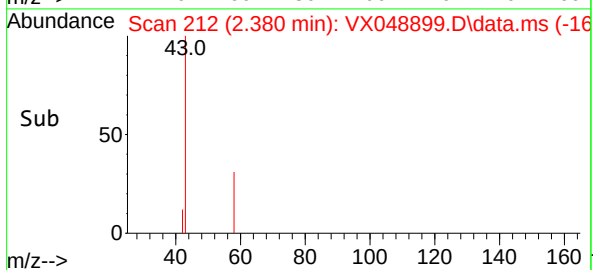
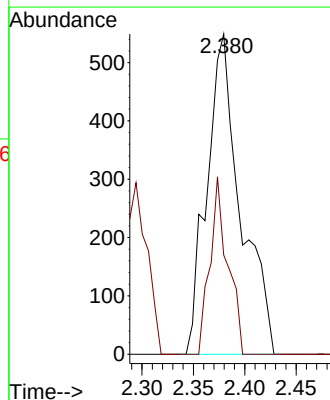
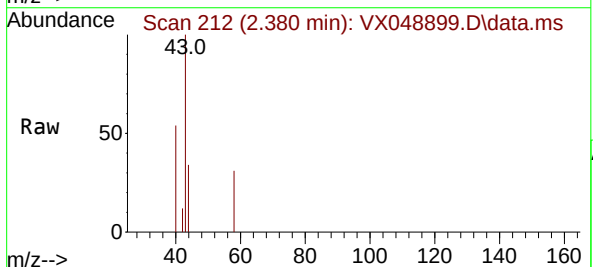
Instrument :
MSVOA_X
ClientSampleId :
IDW-RAD-20251203RE

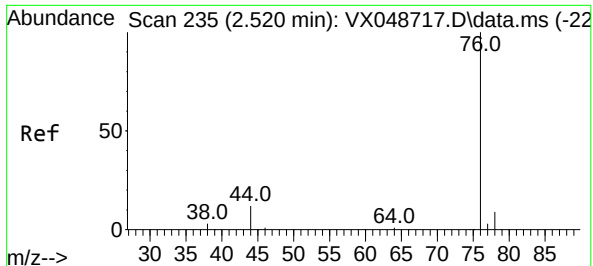
Tgt Ion:168 Resp: 114045
Ion Ratio Lower Upper
168 100
99 58.4 44.2 66.4



#16
Acetone
Concen: 3.110 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048899.D
Acq: 16 Dec 2025 19:52

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
58 31.0 25.0 37.4

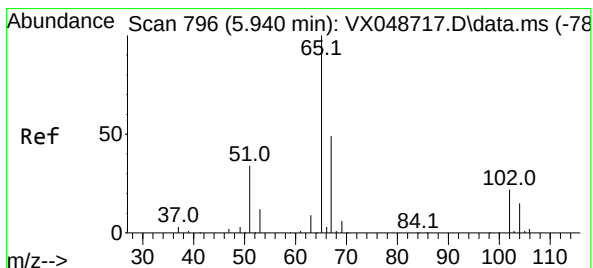
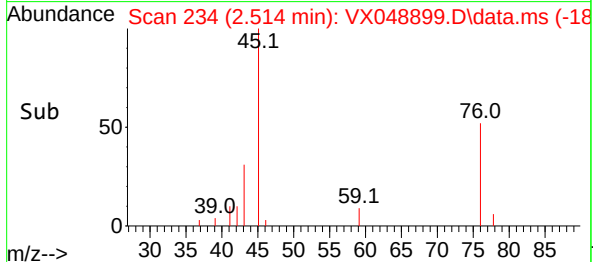
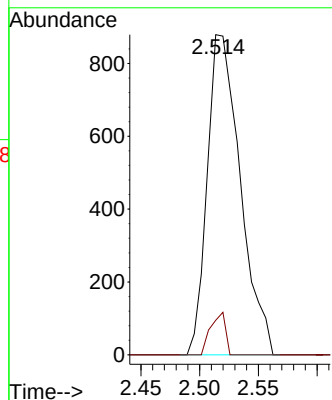
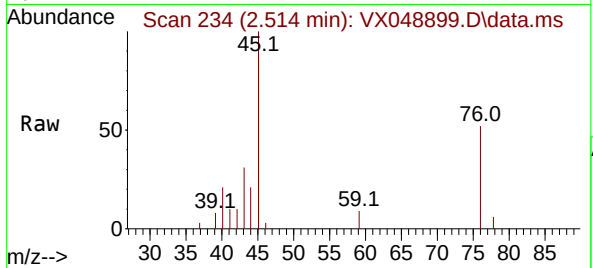




#17
Carbon Disulfide
Concen: 0.479 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048899.D
Acq: 16 Dec 2025 19:52

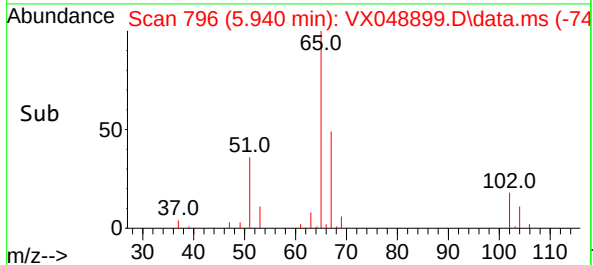
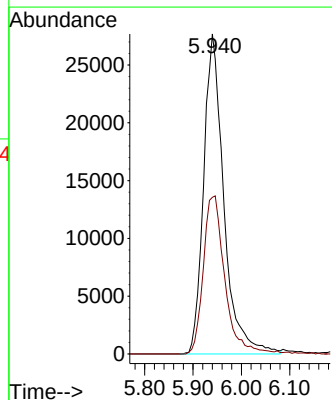
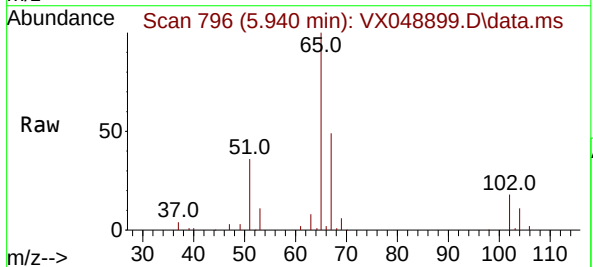
Instrument :
MSVOA_X
ClientSampleId :
IDW-RAD-20251203RE

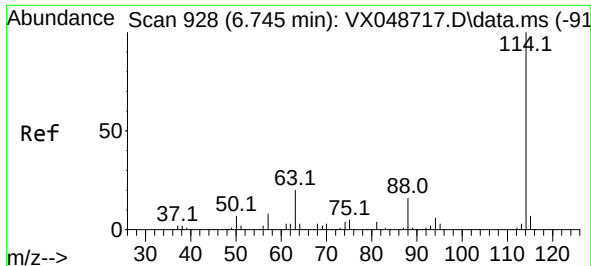
Tgt Ion: 76 Resp: 1722
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2



#33
1,2-Dichloroethane-d4
Concen: 42.075 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048899.D
Acq: 16 Dec 2025 19:52

Tgt Ion: 65 Resp: 80208
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

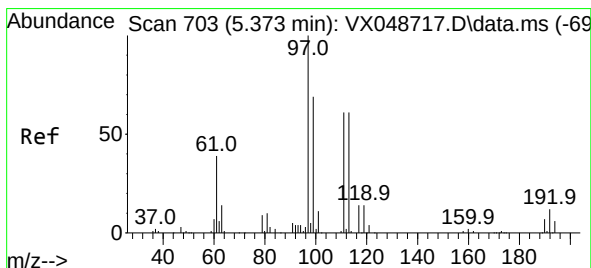
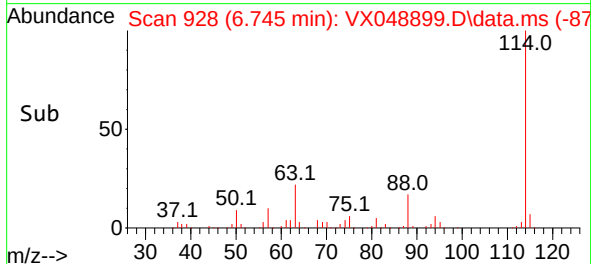
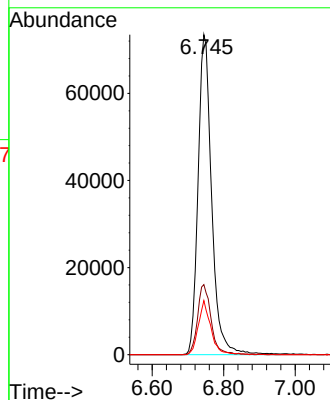
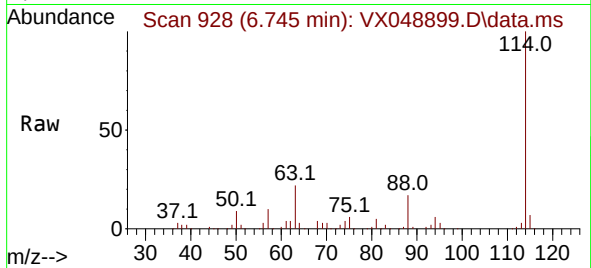




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048899.D
Acq: 16 Dec 2025 19:52

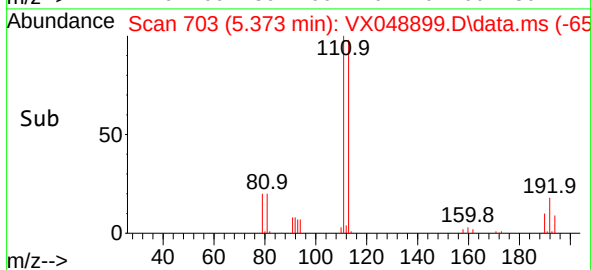
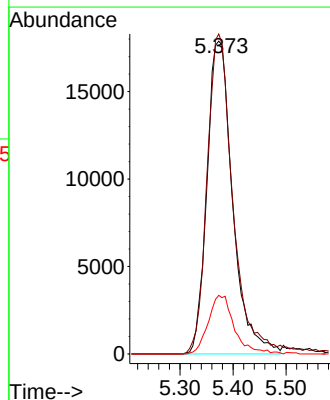
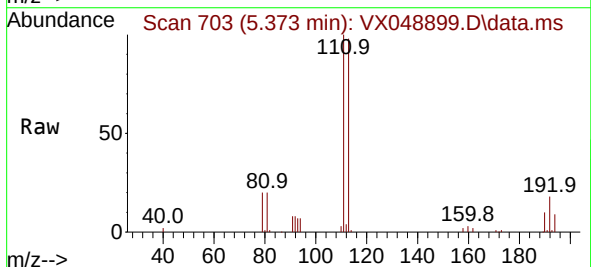
Instrument :
MSVOA_X
ClientSampleId :
IDW-RAD-20251203RE

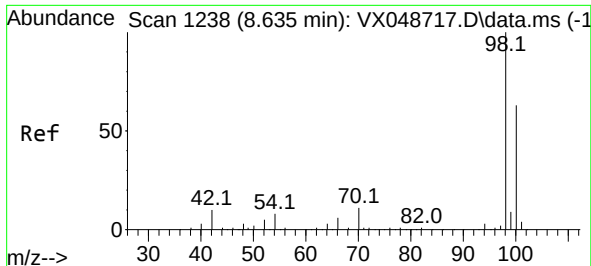
Tgt Ion:114 Resp: 193825
Ion Ratio Lower Upper
114 100
63 21.9 0.0 39.0
88 16.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 41.717 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048899.D
Acq: 16 Dec 2025 19:52

Tgt Ion:113 Resp: 60100
Ion Ratio Lower Upper
113 100
111 103.2 79.5 119.3
192 19.0 16.1 24.1

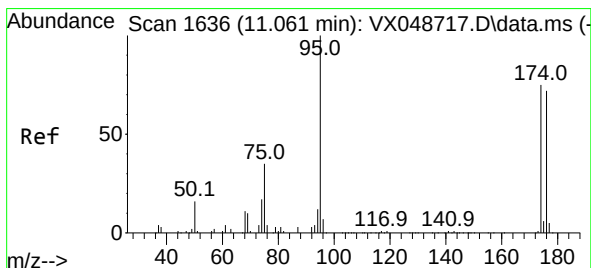
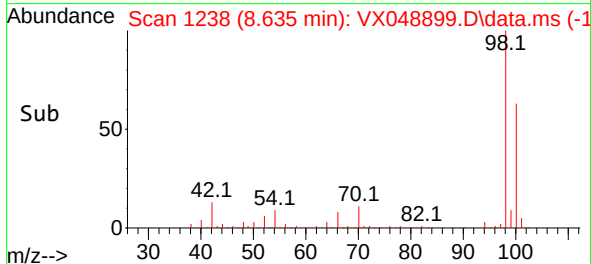
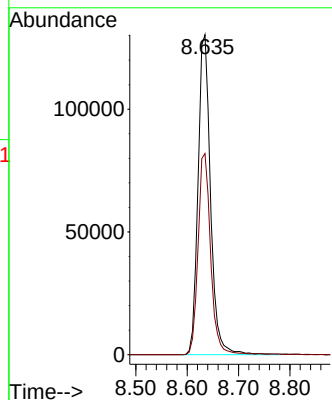
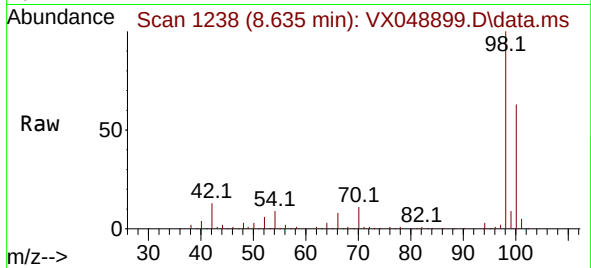




#50
Toluene-d8
Concen: 42.870 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048899.D
Acq: 16 Dec 2025 19:52

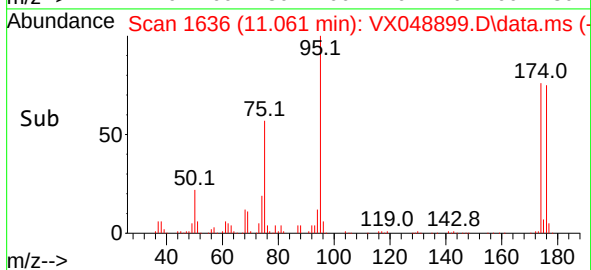
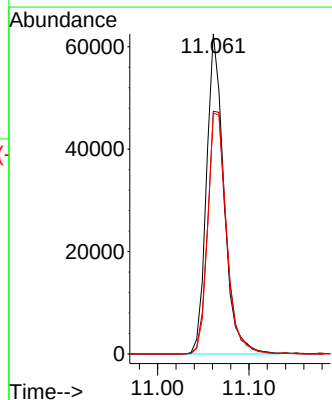
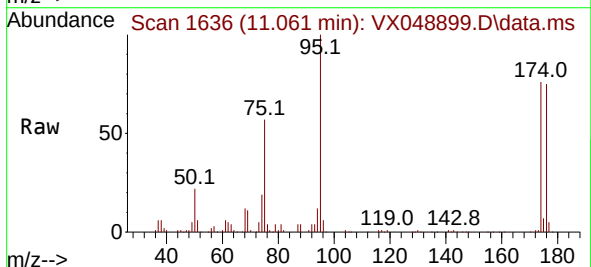
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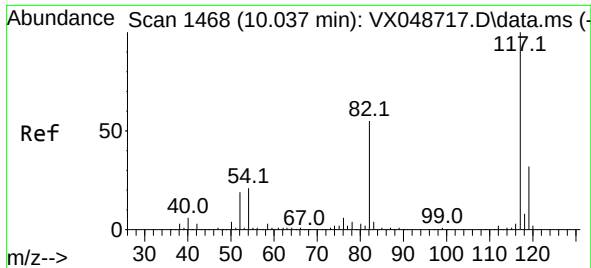
Tgt Ion: 98 Resp: 220494
Ion Ratio Lower Upper
98 100
100 63.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 44.841 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048899.D
Acq: 16 Dec 2025 19:52

Tgt Ion: 95 Resp: 82802
Ion Ratio Lower Upper
95 100
174 82.0 0.0 157.8
176 80.8 0.0 154.0

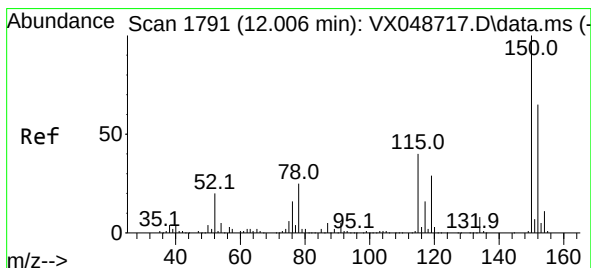
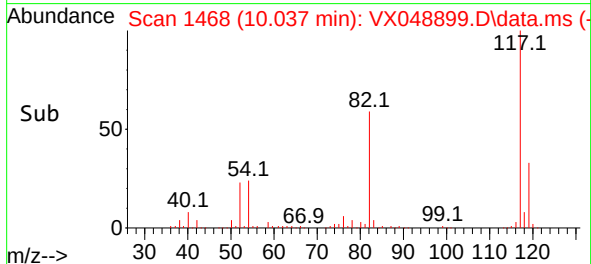
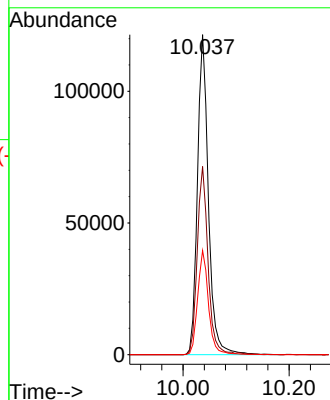
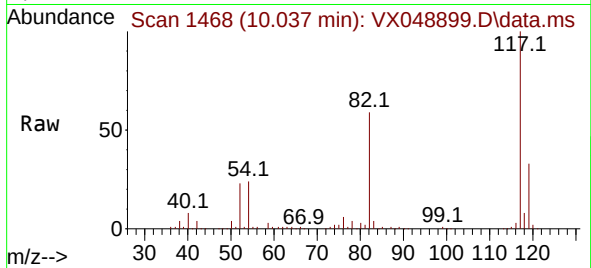




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048899.D
Acq: 16 Dec 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
IDW-RAD-20251203RE

Tgt Ion:117 Resp: 174500
Ion Ratio Lower Upper
117 100
82 58.8 44.1 66.1
119 32.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX048899.D
Acq: 16 Dec 2025 19:52

Tgt Ion:152 Resp: 79723
Ion Ratio Lower Upper
152 100
115 57.5 42.1 126.4
150 154.4 0.0 347.8

