

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048810.D
 Acq On : 10 Dec 2025 14:51
 Operator : JC/MD
 Sample : Q3787-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-03B-51.5-120425-FDRE

Quant Time: Dec 11 00:23:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

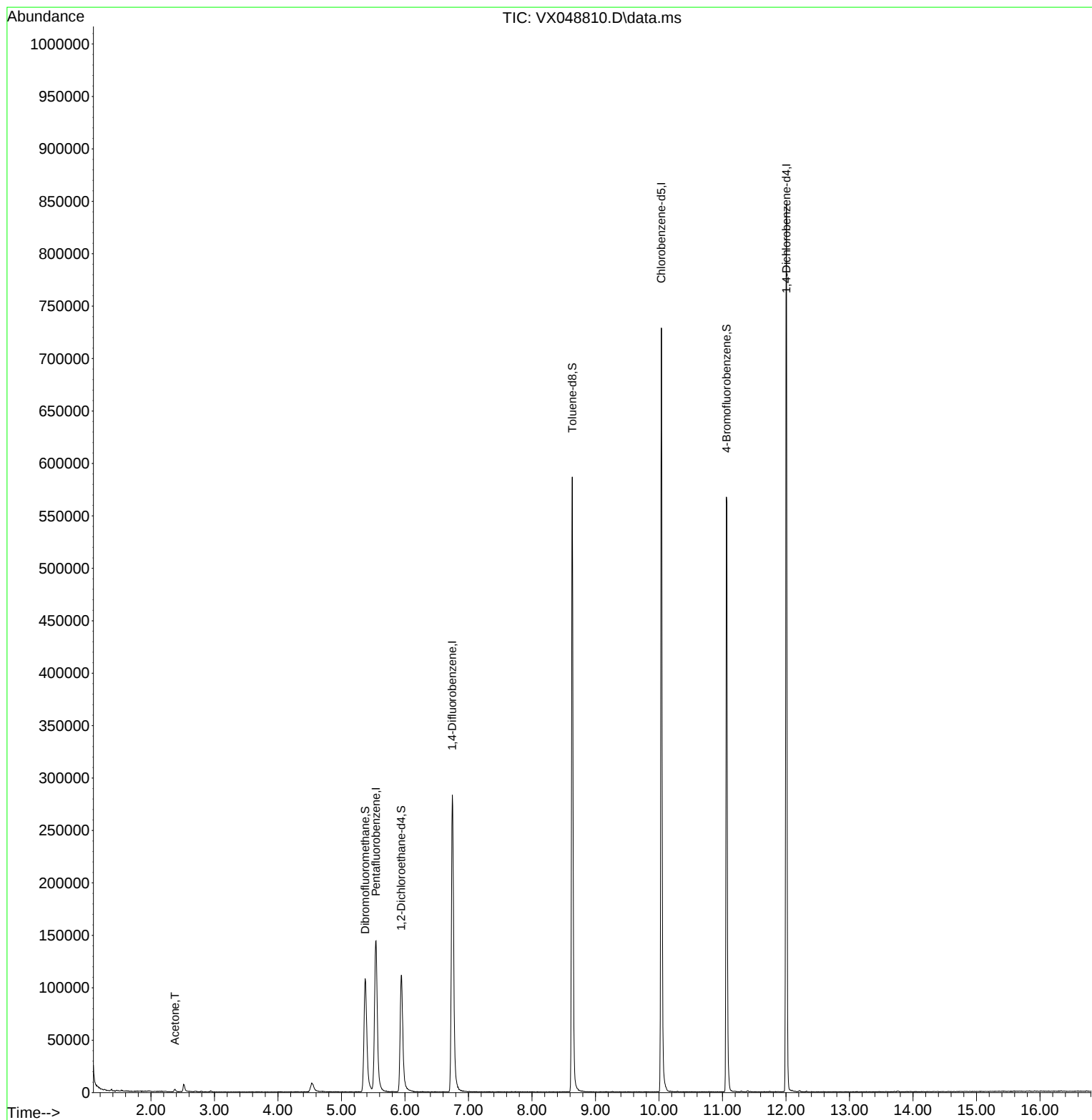
Internal Standards						
1) Pentafluorobenzene	5.544	168	152091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	320261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	354570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	184719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	125850	61.651	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	123.300%#	
35) Dibromofluoromethane	5.373	113	107682	48.833	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.660%	
50) Toluene-d8	8.635	98	375438	48.571	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.140%	
62) 4-Bromofluorobenzene	11.061	95	166905	62.619	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	125.240%#	
Target Compounds						
16) Acetone	2.380	43	3269	4.183	ug/l	Qvalue 98

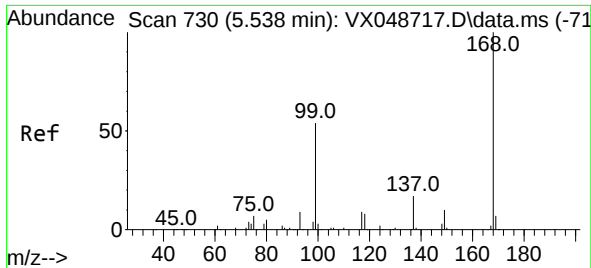
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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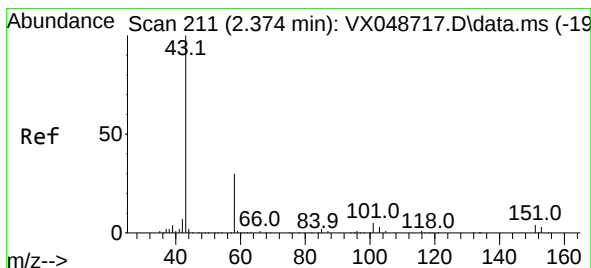
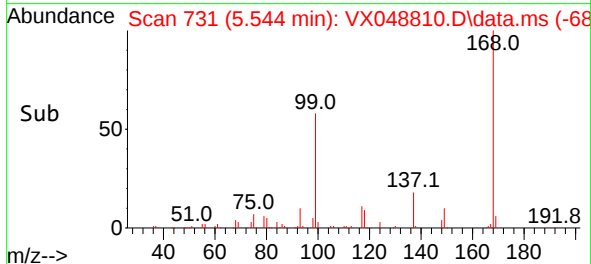
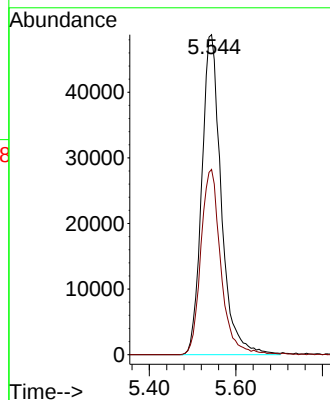
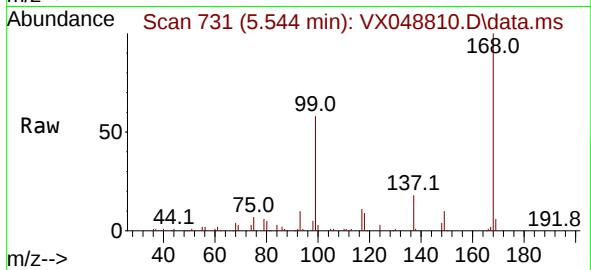




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048810.D
Acq: 10 Dec 2025 14:51

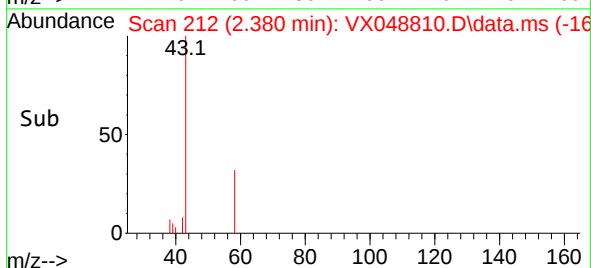
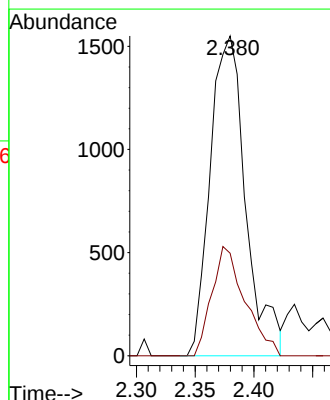
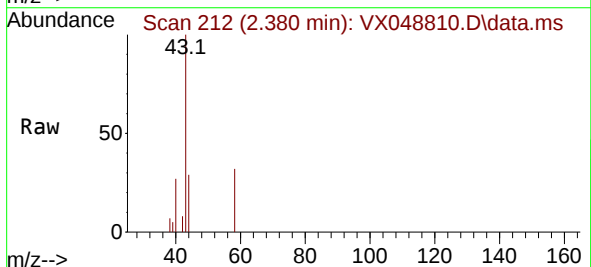
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425-FDRE

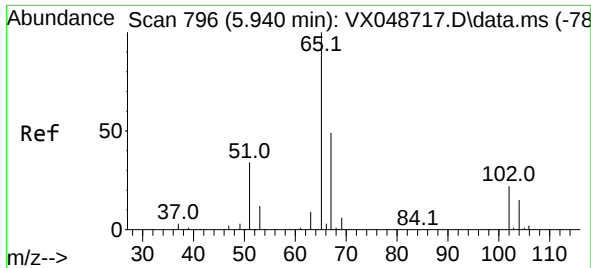
Tgt Ion:168 Resp: 152091
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#16
Acetone
Concen: 4.183 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048810.D
Acq: 10 Dec 2025 14:51

Tgt Ion: 43 Resp: 3269
Ion Ratio Lower Upper
43 100
58 32.1 25.0 37.4

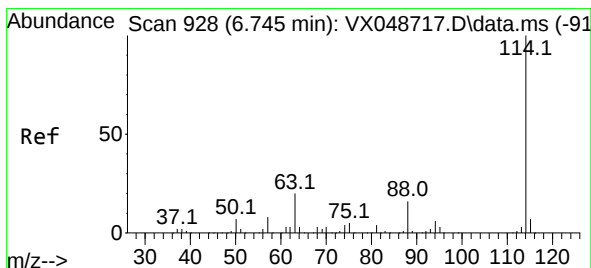
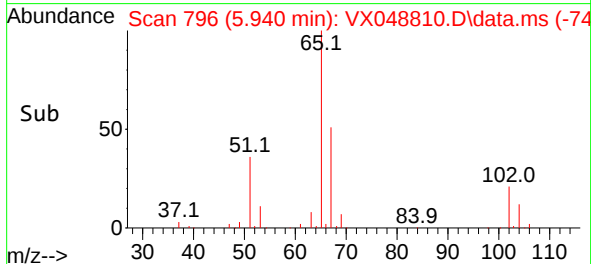
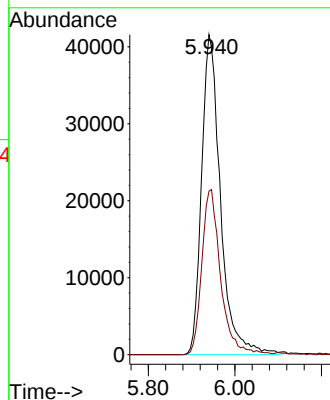
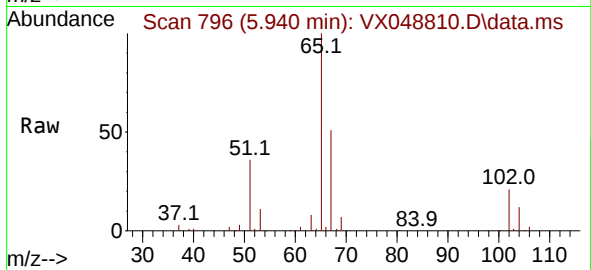




#33
 1,2-Dichloroethane-d4
 Concen: 61.651 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048810.D
 Acq: 10 Dec 2025 14:51

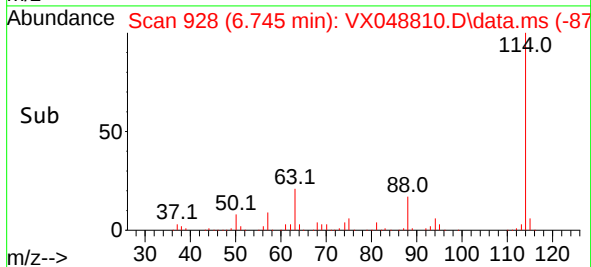
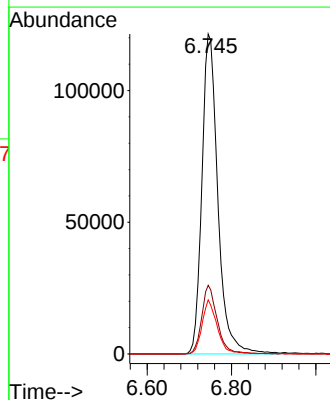
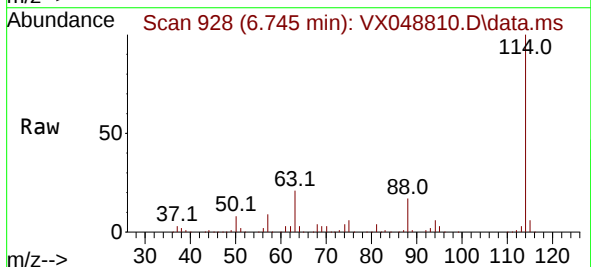
Instrument : MSVOA_X
 ClientSampleId : OW-03B-51.5-120425-FDRE

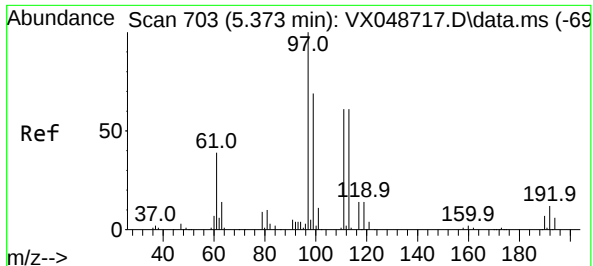
Tgt Ion: 65 Resp: 125850
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048810.D
 Acq: 10 Dec 2025 14:51

Tgt Ion: 114 Resp: 320261
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.0
 88 16.9 0.0 31.8

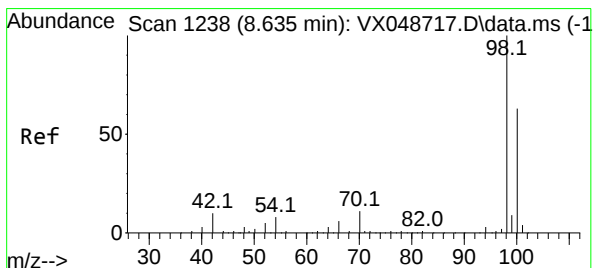
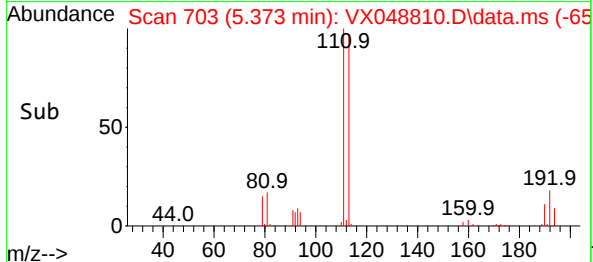
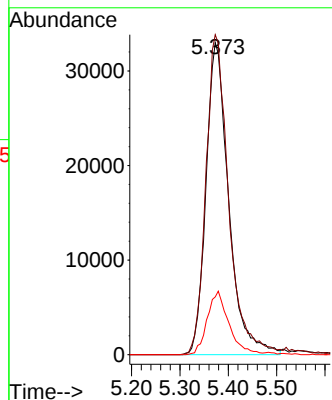
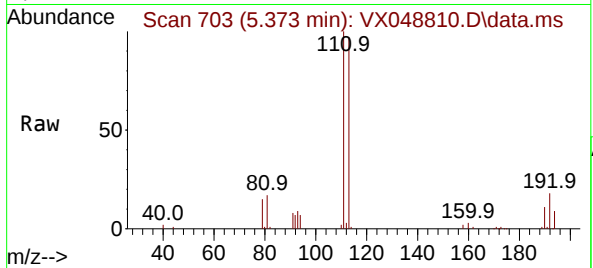




#35
Dibromofluoromethane
Concen: 48.833 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048810.D
Acq: 10 Dec 2025 14:51

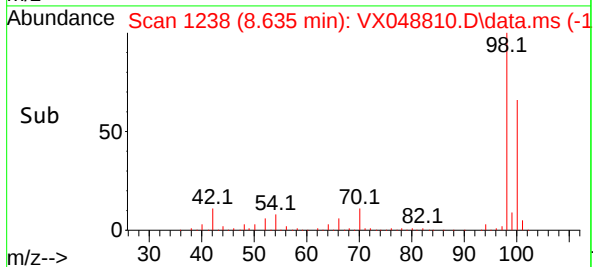
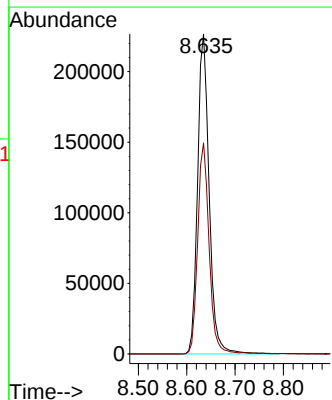
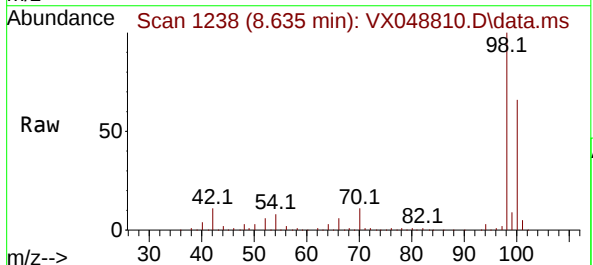
Instrument :
MSVOA_X
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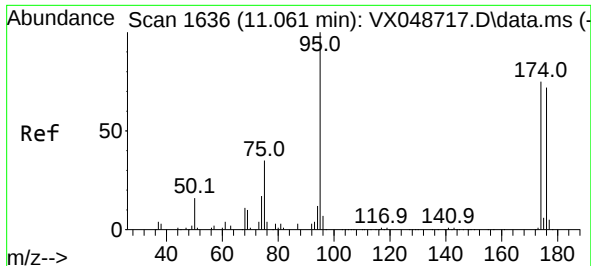
Tgt Ion:113 Resp: 107682
Ion Ratio Lower Upper
113 100
111 102.7 79.5 119.3
192 19.4 16.1 24.1



#50
Toluene-d8
Concen: 48.571 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048810.D
Acq: 10 Dec 2025 14:51

Tgt Ion: 98 Resp: 375438
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0

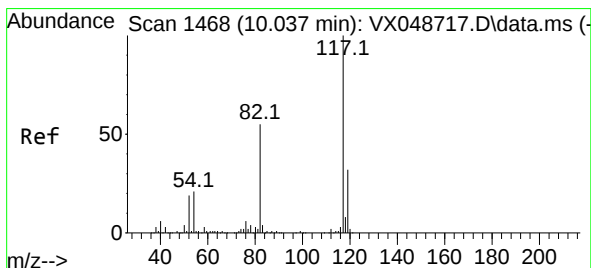
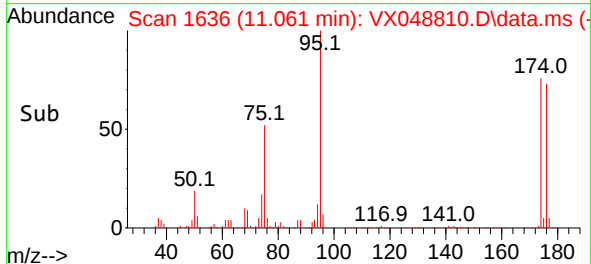
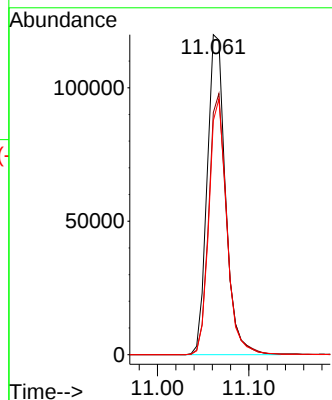
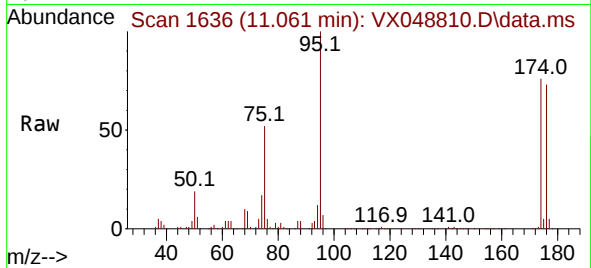




#62
4-Bromofluorobenzene
Concen: 62.619 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048810.D
Acq: 10 Dec 2025 14:51

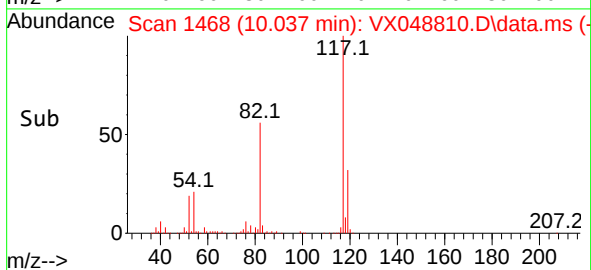
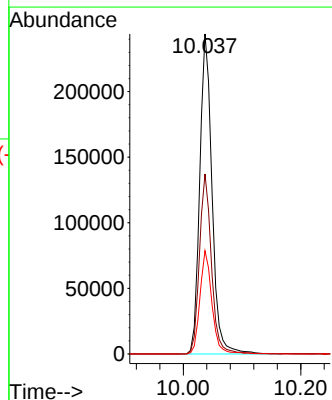
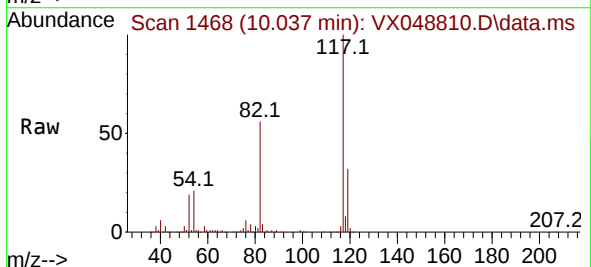
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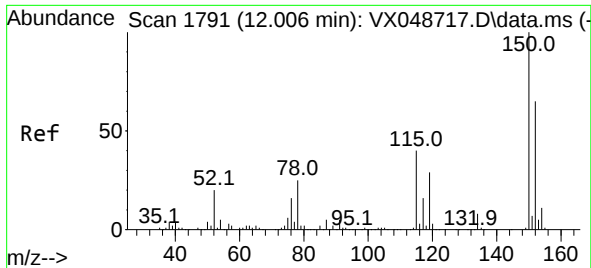
Tgt Ion: 95 Resp: 166905
Ion Ratio Lower Upper
95 100
174 80.1 0.0 157.8
176 78.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048810.D
Acq: 10 Dec 2025 14:51

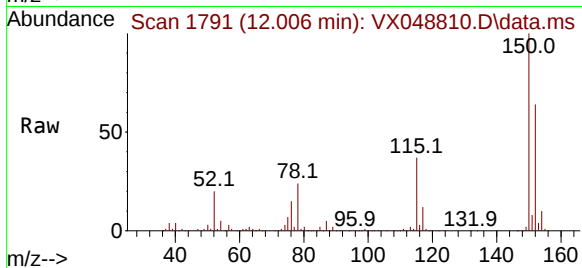
Tgt Ion: 117 Resp: 354570
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 32.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048810.D
 Acq: 10 Dec 2025 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 184719
 Ion Ratio Lower Upper
 152 100
 115 59.1 42.1 126.4
 150 157.2 0.0 347.8

