

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048762.D
 Acq On : 08 Dec 2025 17:41
 Operator : JC/MD
 Sample : Q3788-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16B-87.5-120525

Quant Time: Dec 09 04:14:11 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)

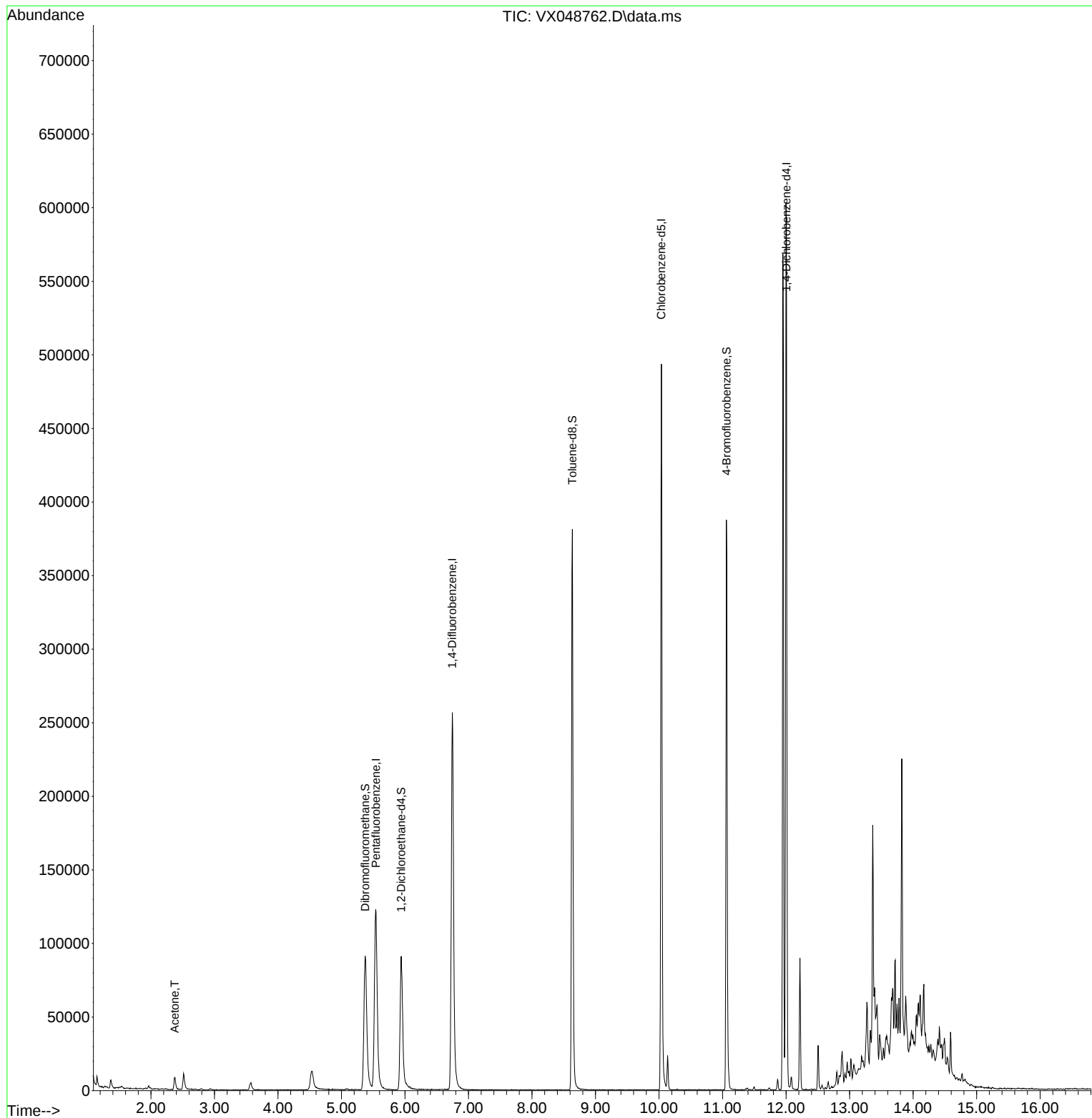
Internal Standards						
1) Pentafluorobenzene	5.544	168	123961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	277457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	227659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98874	59.427	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	118.860%#
35) Dibromofluoromethane	5.373	113	90194	47.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	8.635	98	238014	35.543	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	71.080%#
62) 4-Bromofluorobenzene	11.061	95	101242	43.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.680%
Target Compounds						Qvalue
16) Acetone	2.374	43	11034	17.324	ug/l	99

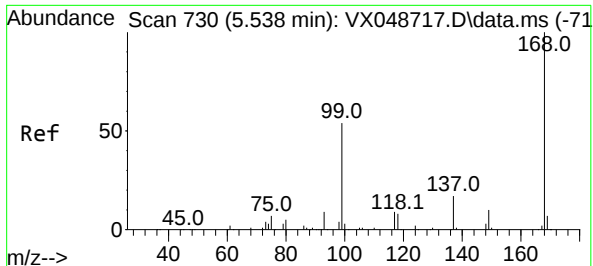
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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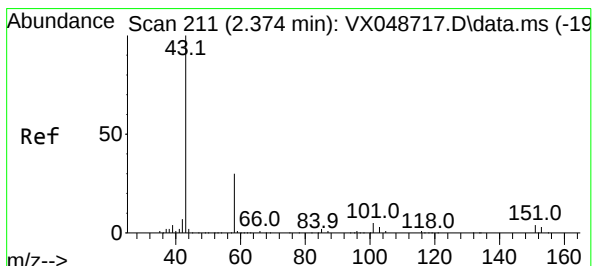
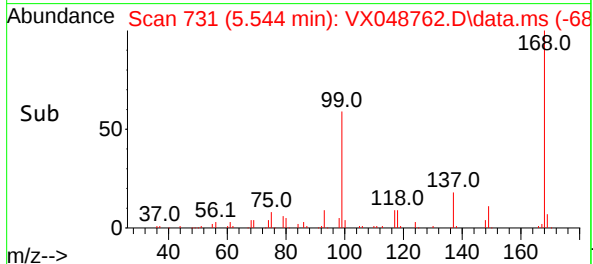
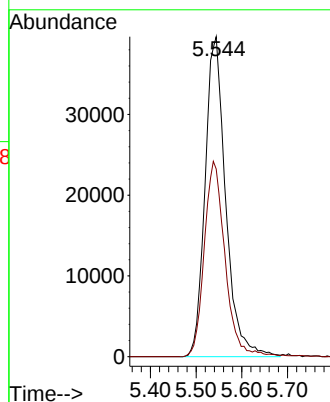
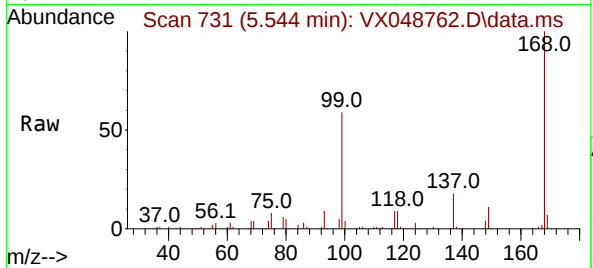




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

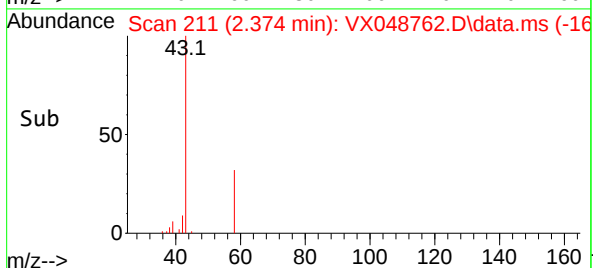
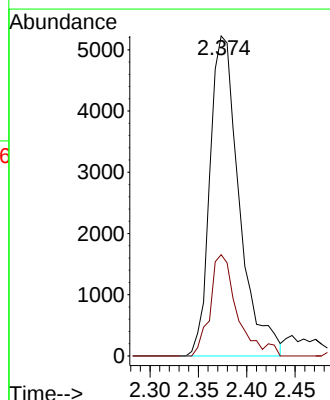
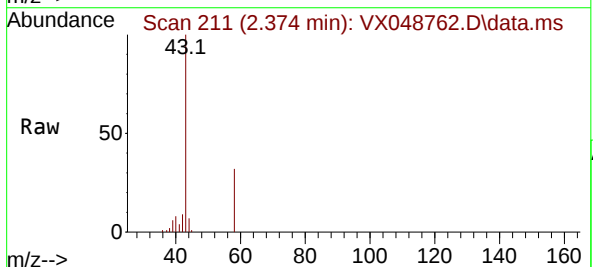
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

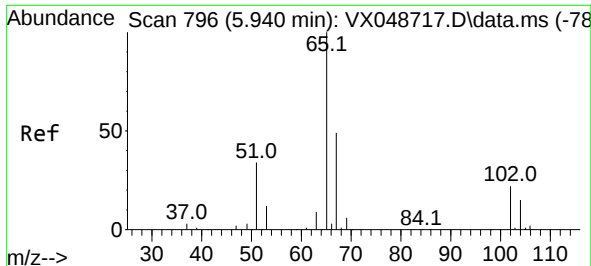
Tgt Ion:168 Resp: 123961
Ion Ratio Lower Upper
168 100
99 58.6 44.2 66.4



#16
Acetone
Concen: 17.324 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 43 Resp: 11034
Ion Ratio Lower Upper
43 100
58 31.7 25.0 37.4

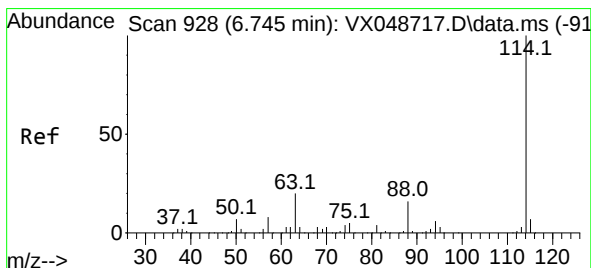
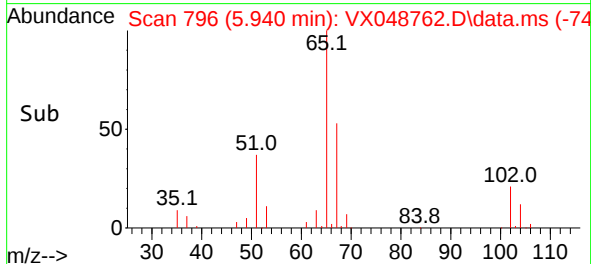
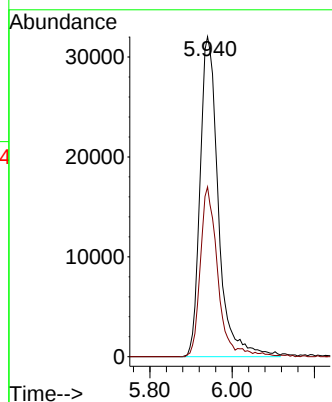
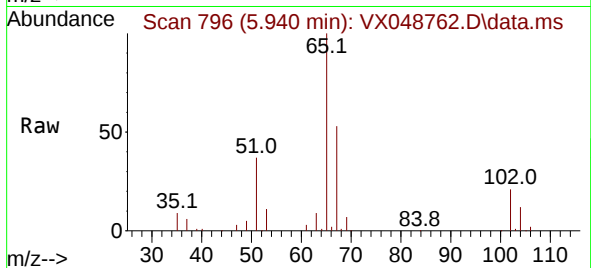




#33
 1,2-Dichloroethane-d4
 Concen: 59.427 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048762.D
 Acq: 08 Dec 2025 17:41

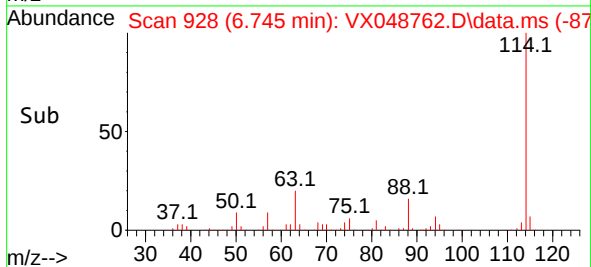
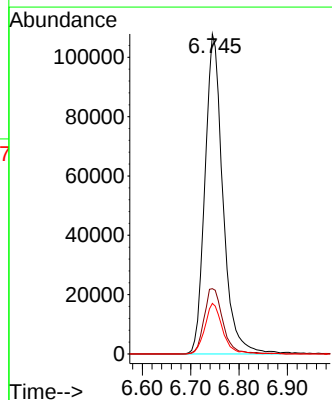
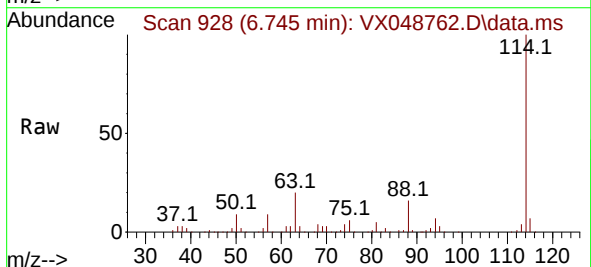
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16B-87.5-120525

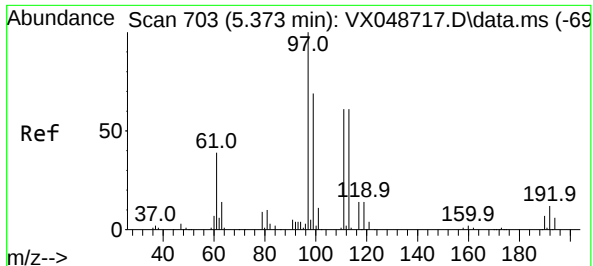
Tgt Ion: 65 Resp: 98874
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048762.D
 Acq: 08 Dec 2025 17:41

Tgt Ion: 114 Resp: 277457
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.8 0.0 31.8

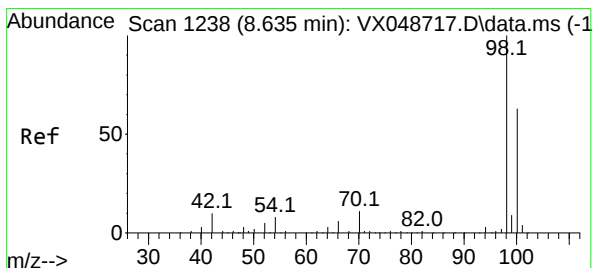
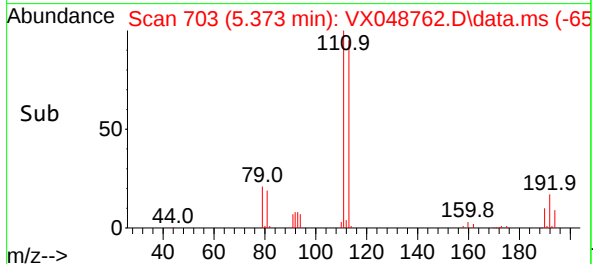
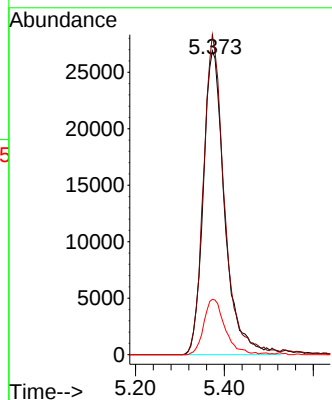
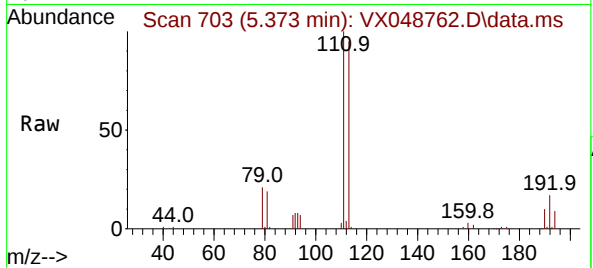




#35
Dibromofluoromethane
Concen: 47.212 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

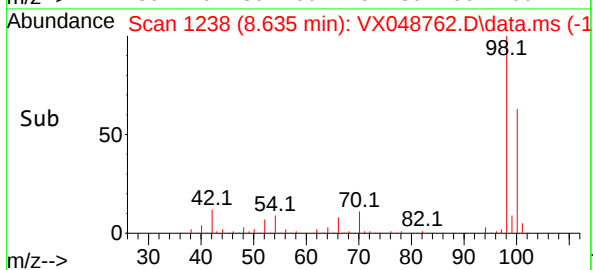
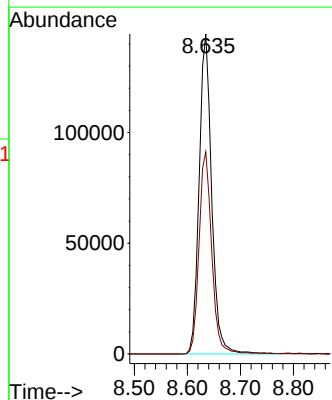
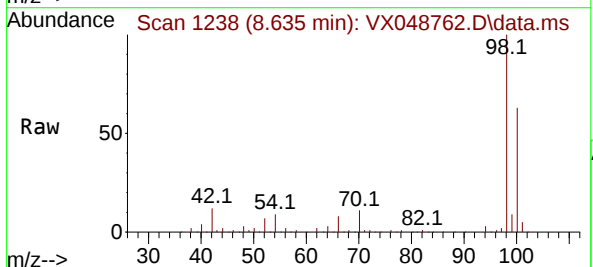
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

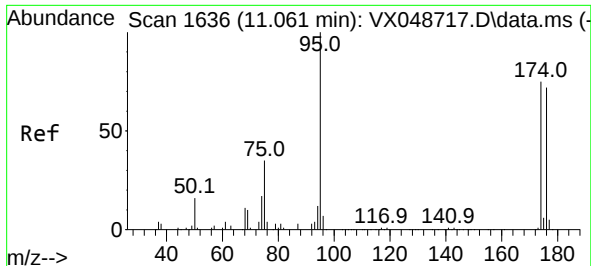
Tgt Ion:113 Resp: 90194
Ion Ratio Lower Upper
113 100
111 102.3 79.5 119.3
192 18.0 16.1 24.1



#50
Toluene-d8
Concen: 35.543 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 98 Resp: 238014
Ion Ratio Lower Upper
98 100
100 64.1 53.4 80.0

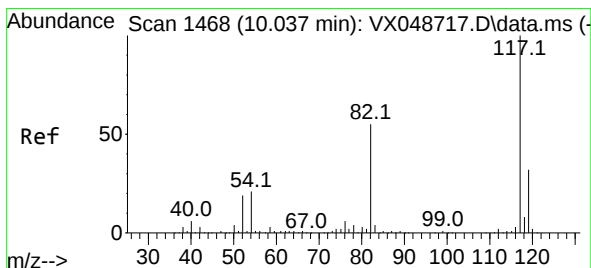
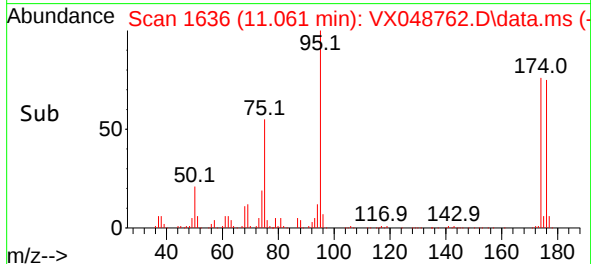
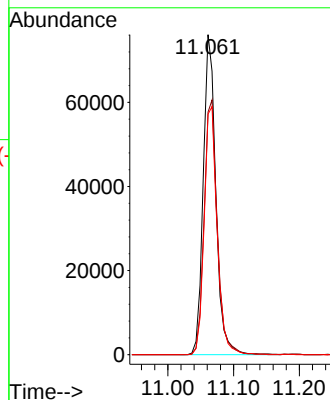
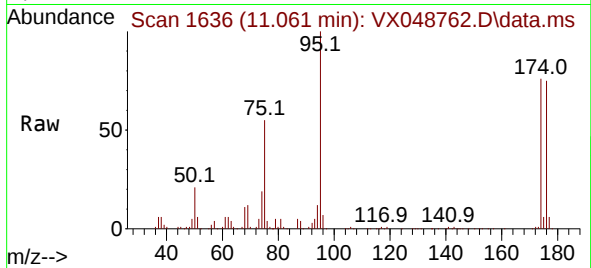




#62
4-Bromofluorobenzene
Concen: 43.843 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

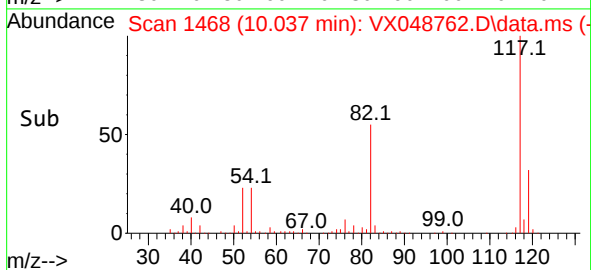
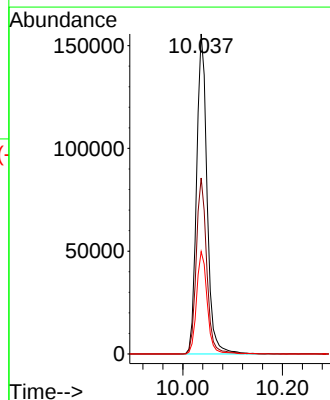
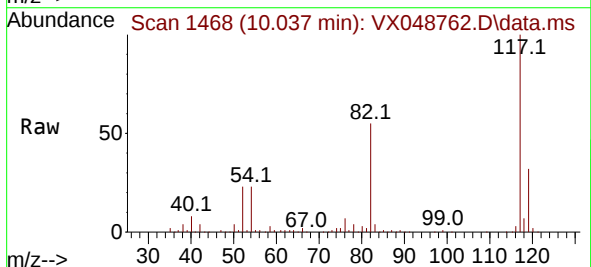
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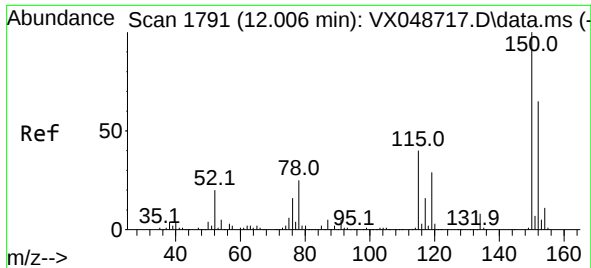
Tgt Ion: 95 Resp: 101242
Ion Ratio Lower Upper
95 100
174 83.5 0.0 157.8
176 80.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

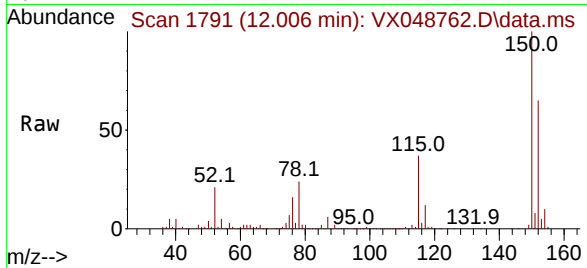
Tgt Ion: 117 Resp: 227659
Ion Ratio Lower Upper
117 100
82 55.0 44.1 66.1
119 32.0 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048762.D
 Acq: 08 Dec 2025 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16B-87.5-120525



Tgt Ion:152 Resp: 124497
 Ion Ratio Lower Upper
 152 100
 115 58.9 42.1 126.4
 150 156.9 0.0 347.8

