

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048737.D
 Acq On : 05 Dec 2025 15:35
 Operator : JC/MD
 Sample : Q3789-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 05 22:06:34 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	172340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	285323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	126716	54.781	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.560%	
35) Dibromofluoromethane	5.373	113	106567	54.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.480%	
50) Toluene-d8	8.635	98	316225	45.920	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.840%#	
62) 4-Bromofluorobenzene	11.061	95	112388	47.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.660%	

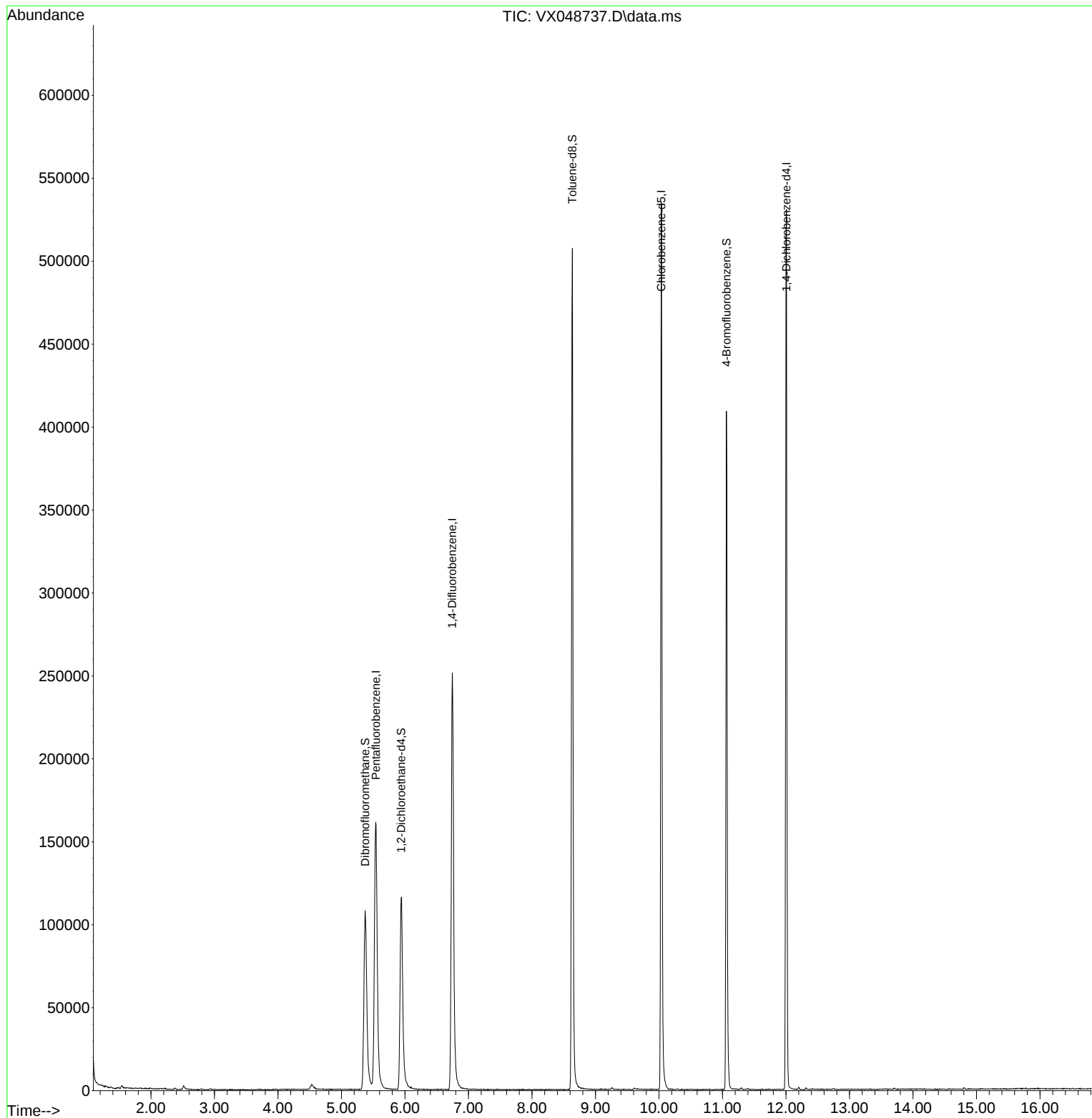
Target Compounds	Qvalue

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

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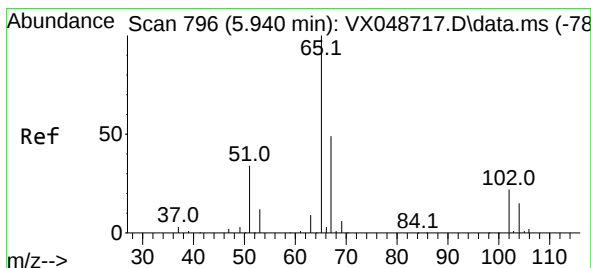
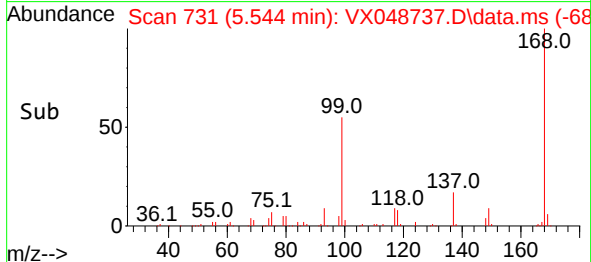
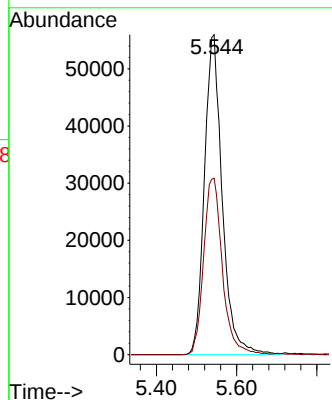
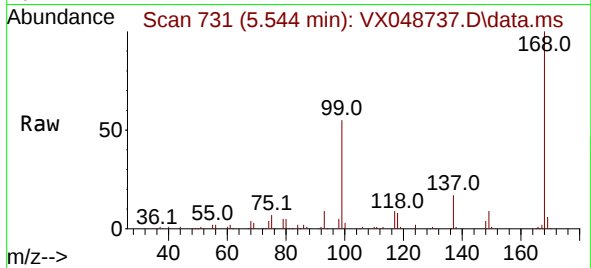




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048737.D
Acq: 05 Dec 2025 15:35

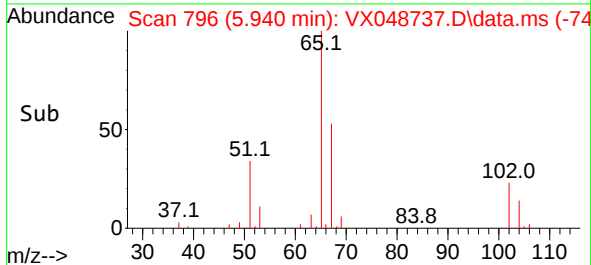
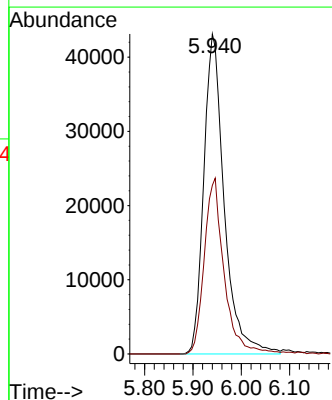
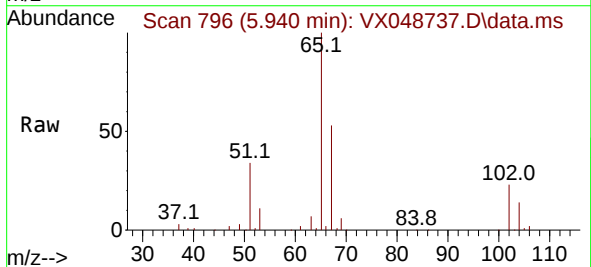
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

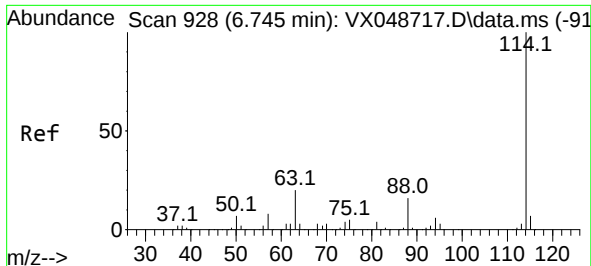
Tgt Ion:168 Resp: 172340
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.781 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048737.D
Acq: 05 Dec 2025 15:35

Tgt Ion: 65 Resp: 126716
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.4

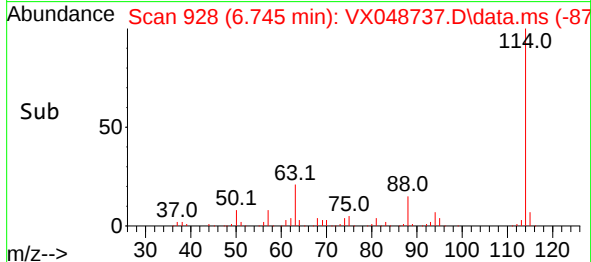
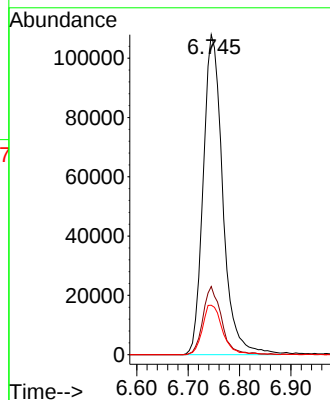
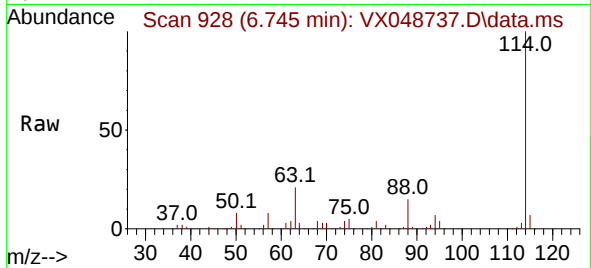




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048737.D
Acq: 05 Dec 2025 15:35

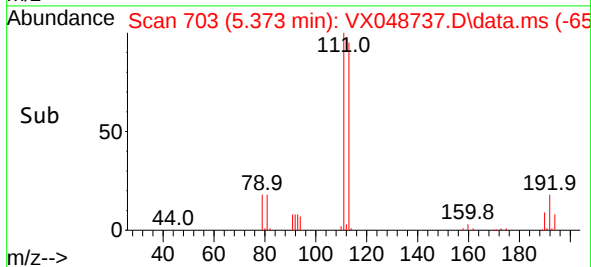
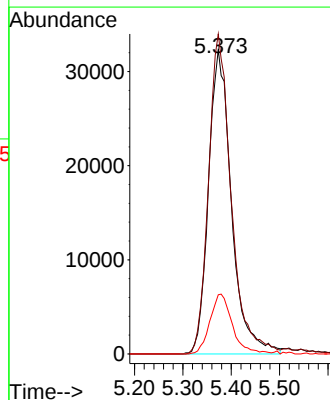
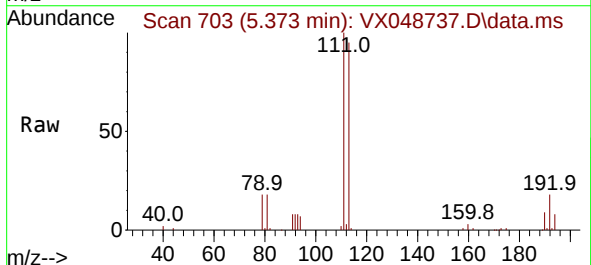
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

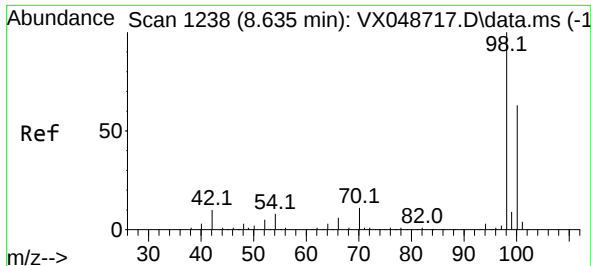
Tgt Ion:114 Resp: 285323
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.0
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.245 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048737.D
Acq: 05 Dec 2025 15:35

Tgt Ion:113 Resp: 106567
Ion Ratio Lower Upper
113 100
111 103.8 79.5 119.3
192 19.2 16.1 24.1

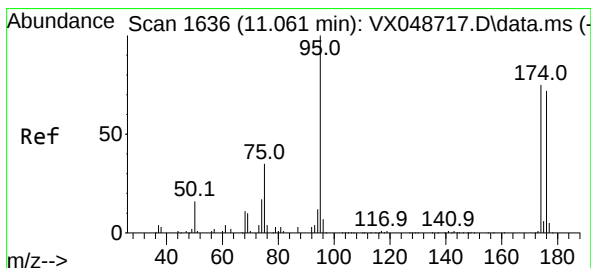
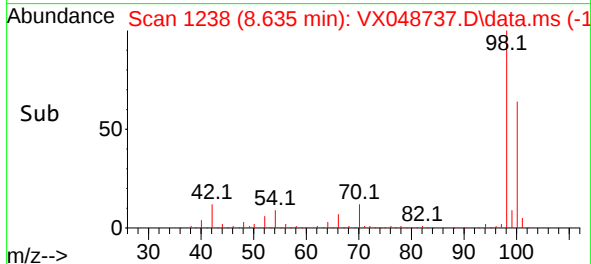
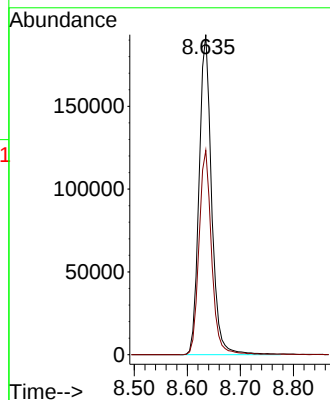
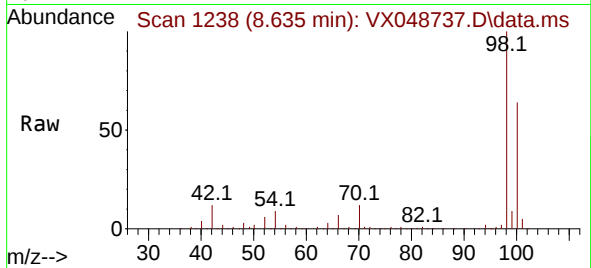




#50
Toluene-d8
Concen: 45.920 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048737.D
Acq: 05 Dec 2025 15:35

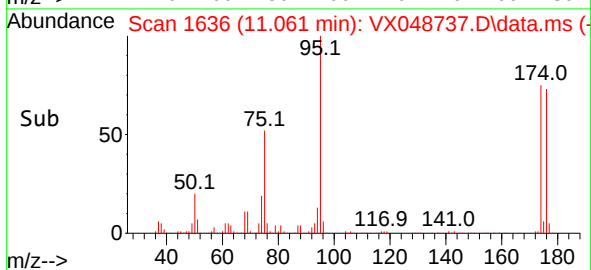
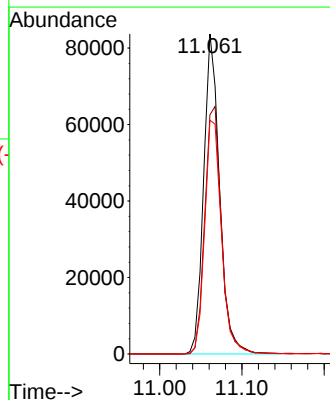
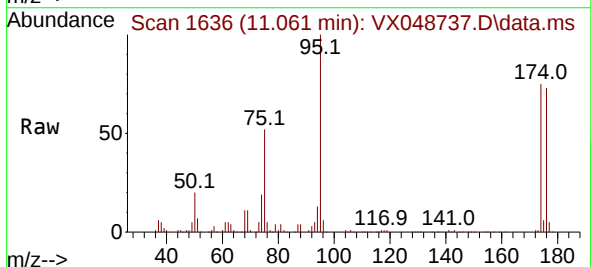
Instrument :
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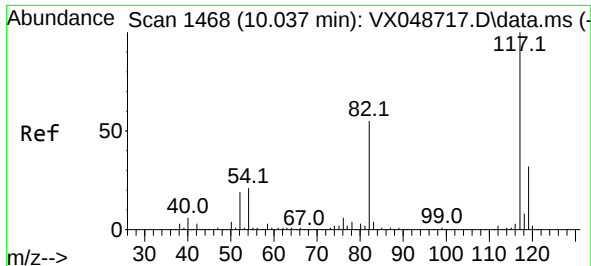
Tgt Ion: 98 Resp: 316225
Ion Ratio Lower Upper
98 100
100 64.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.328 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048737.D
Acq: 05 Dec 2025 15:35

Tgt Ion: 95 Resp: 112388
Ion Ratio Lower Upper
95 100
174 82.0 0.0 157.8
176 77.2 0.0 154.0

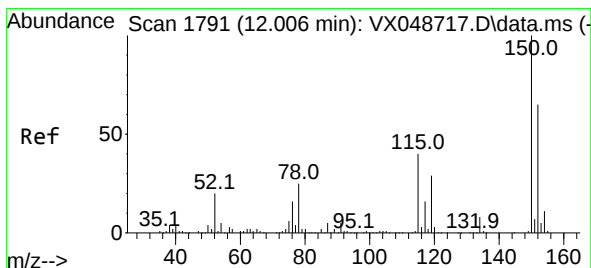
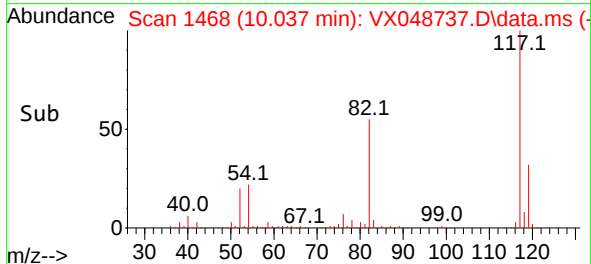
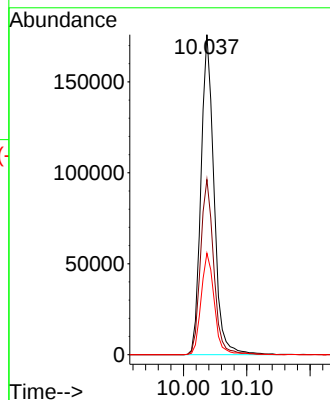
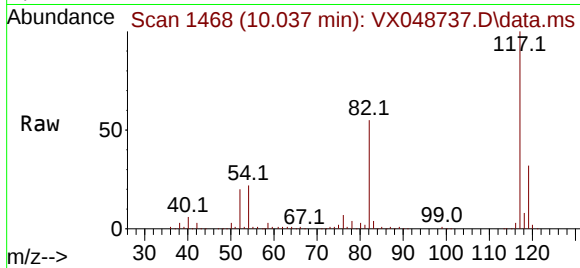




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048737.D
Acq: 05 Dec 2025 15:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 252894
Ion Ratio Lower Upper
117 100
82 54.7 44.1 66.1
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048737.D
Acq: 05 Dec 2025 15:35

Tgt Ion:152 Resp: 114099
Ion Ratio Lower Upper
152 100
115 60.2 42.1 126.4
150 157.0 0.0 347.8

