

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111425\
 Data File : VX048610.D
 Acq On : 14 Nov 2025 15:21
 Operator : JC/MD
 Sample : Q3643-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 14 22:21:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	133338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	334212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	294697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112537	60.570	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 121.140%#	
35) Dibromofluoromethane	5.373	113	92485	36.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 73.120%#	
50) Toluene-d8	8.635	98	327301	41.487	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 82.980%#	
62) 4-Bromofluorobenzene	11.061	95	140283	47.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.420%	

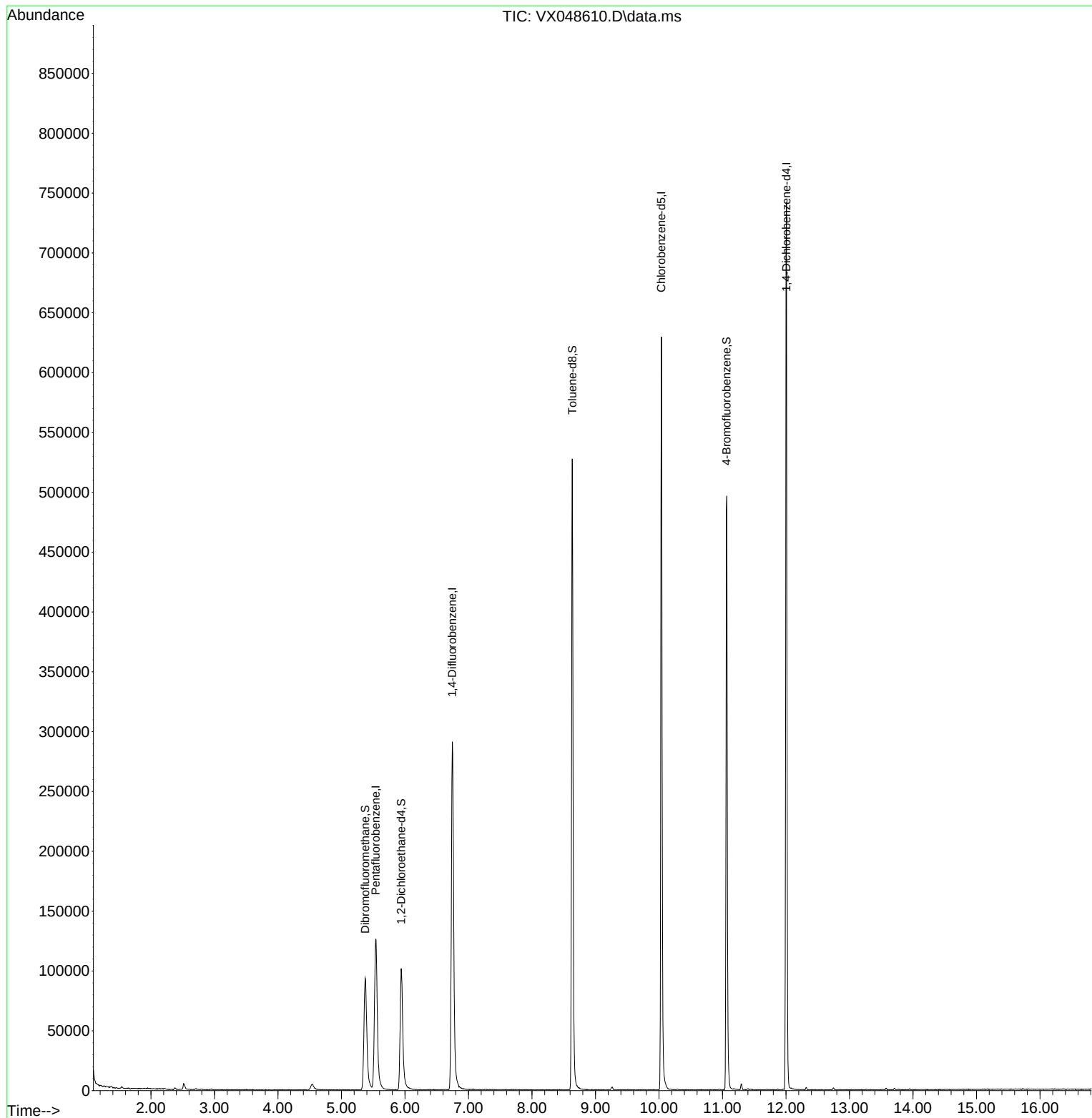
Target Compounds	Qvalue

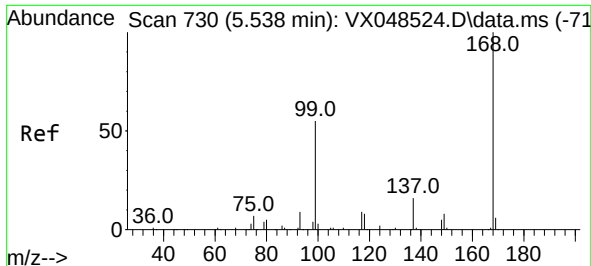
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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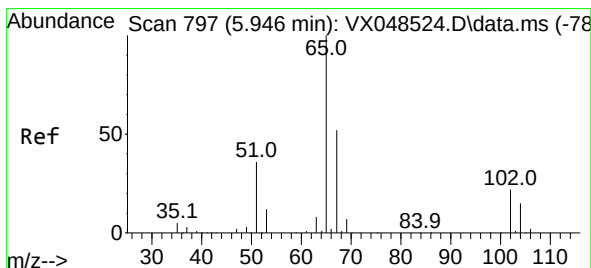
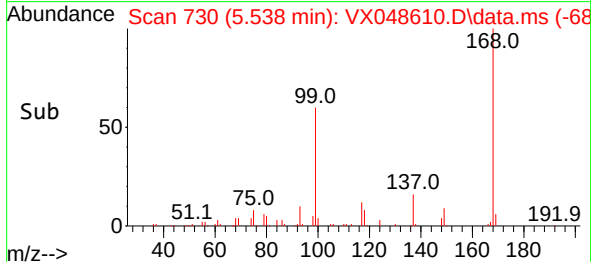
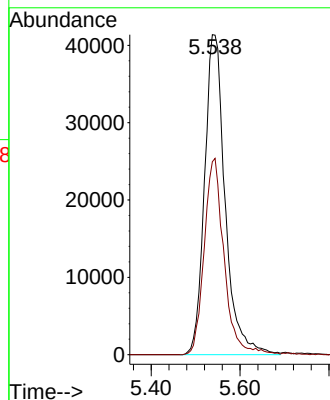
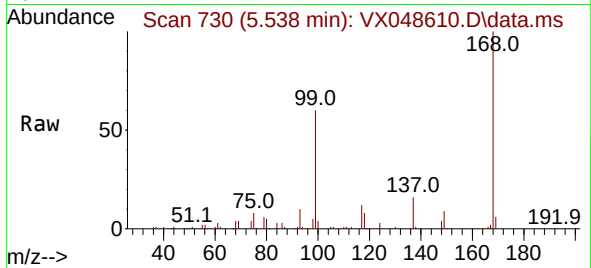




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048610.D
Acq: 14 Nov 2025 15:21

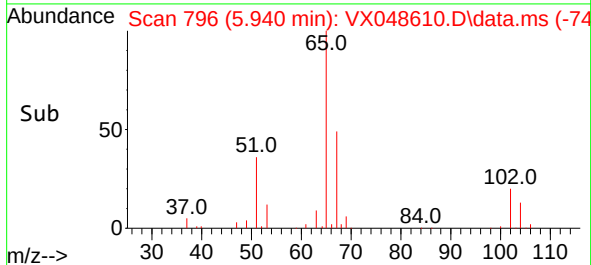
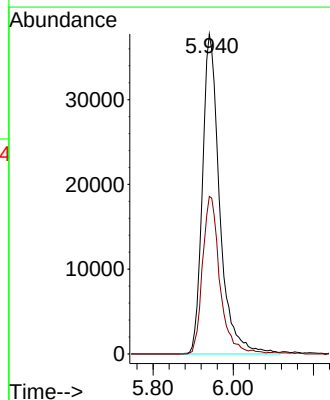
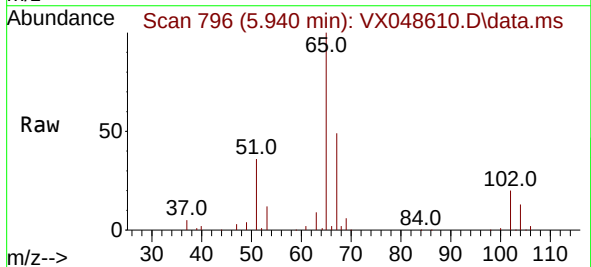
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

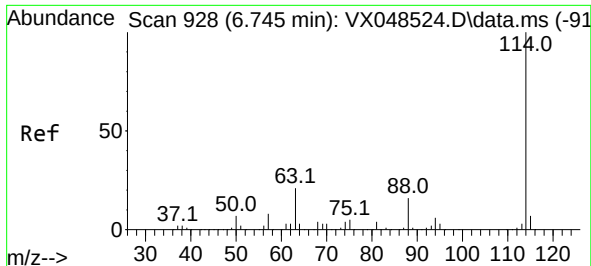
Tgt Ion:168 Resp: 133338
Ion Ratio Lower Upper
168 100
99 60.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 60.570 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048610.D
Acq: 14 Nov 2025 15:21

Tgt Ion: 65 Resp: 112537
Ion Ratio Lower Upper
65 100
67 48.9 0.0 106.2

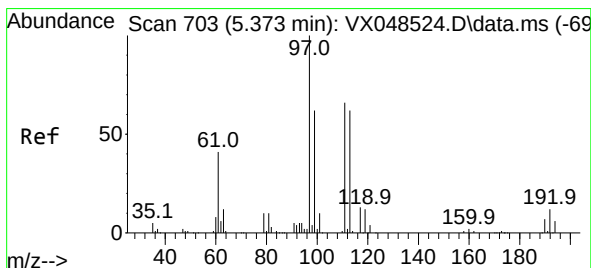
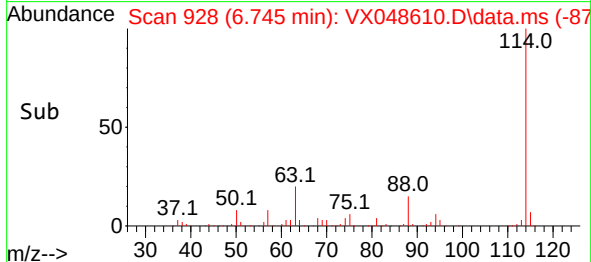
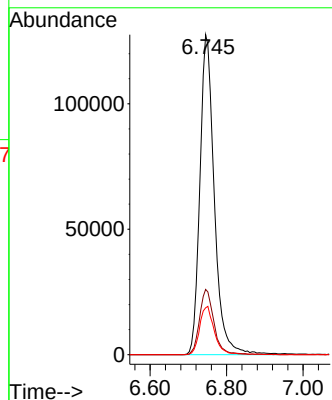
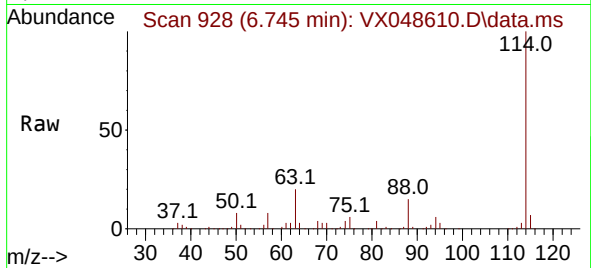




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048610.D
Acq: 14 Nov 2025 15:21

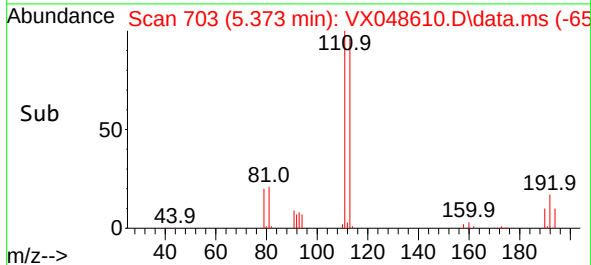
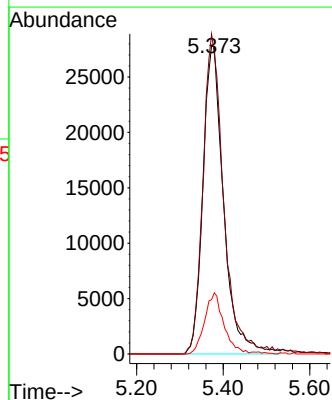
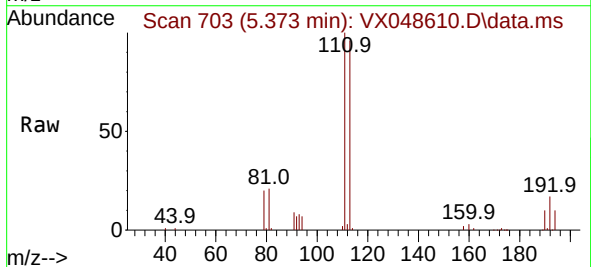
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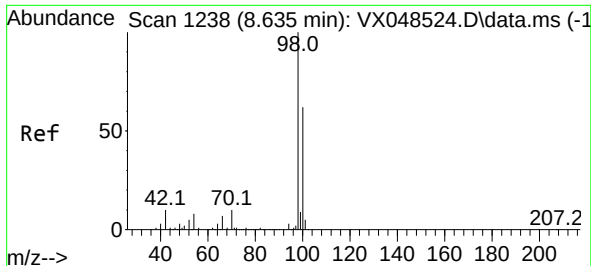
Tgt Ion:114 Resp: 334212
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.2
88 14.6 0.0 32.2



#35
Dibromofluoromethane
Concen: 36.562 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048610.D
Acq: 14 Nov 2025 15:21

Tgt Ion:113 Resp: 92485
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 18.4 15.8 23.6

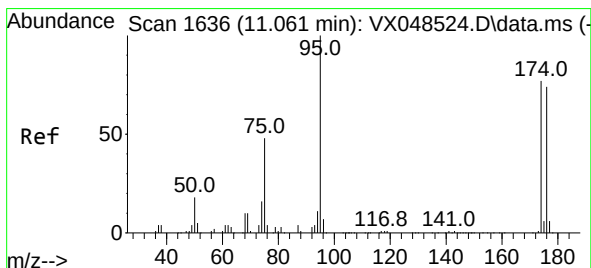
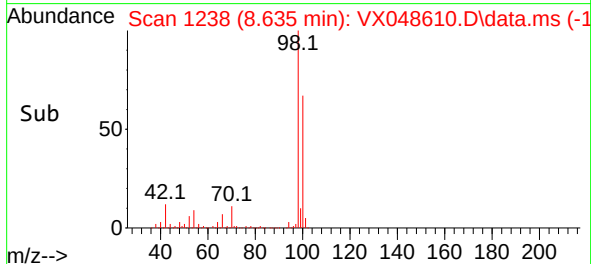
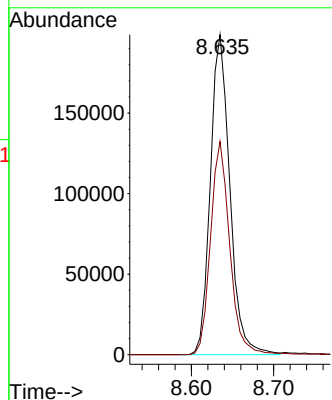
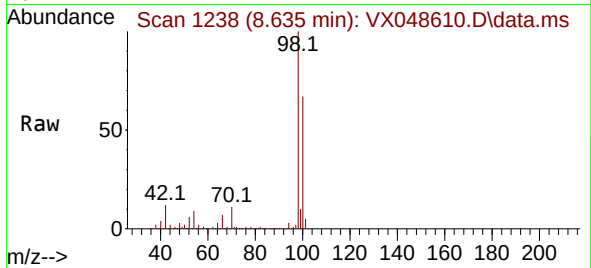




#50
Toluene-d8
Concen: 41.487 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048610.D
Acq: 14 Nov 2025 15:21

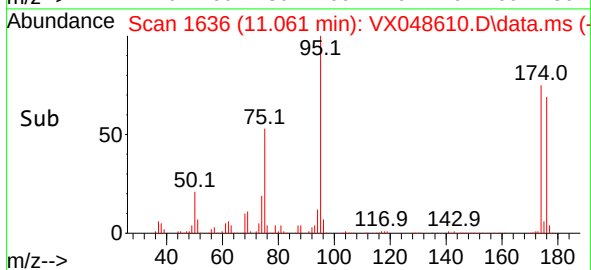
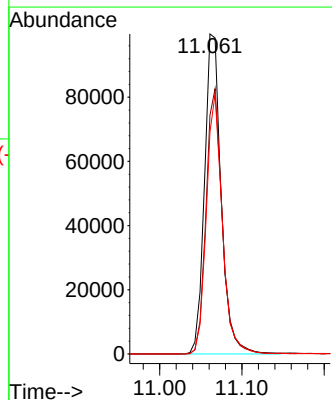
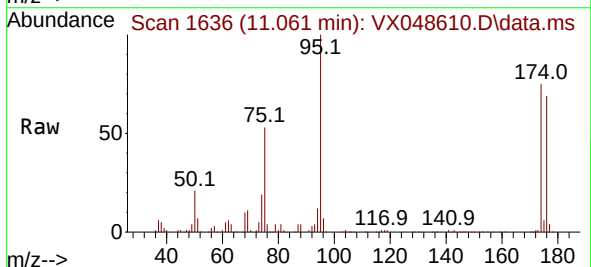
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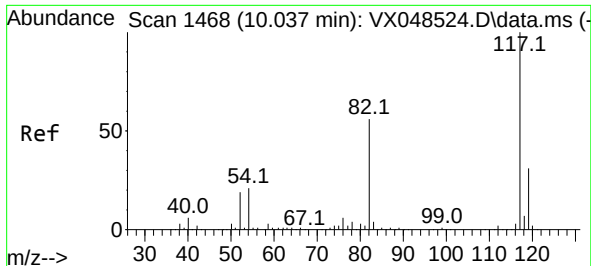
Tgt Ion: 98 Resp: 327301
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 47.715 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048610.D
Acq: 14 Nov 2025 15:21

Tgt Ion: 95 Resp: 140283
Ion Ratio Lower Upper
95 100
174 81.2 0.0 161.8
176 77.8 0.0 153.6

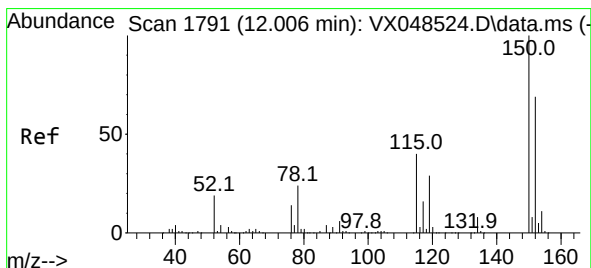
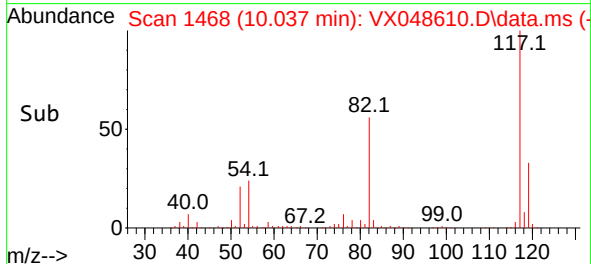
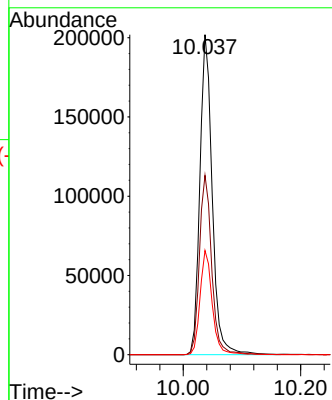
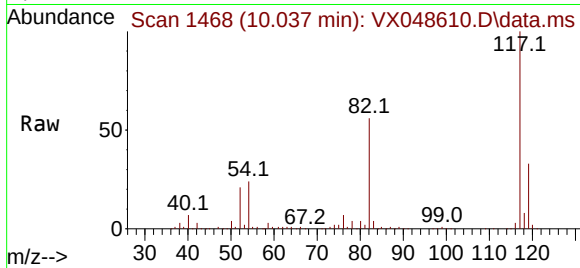




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048610.D
Acq: 14 Nov 2025 15:21

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 294697
Ion Ratio Lower Upper
117 100
82 56.1 44.4 66.6
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048610.D
Acq: 14 Nov 2025 15:21

Tgt Ion:152 Resp: 155030
Ion Ratio Lower Upper
152 100
115 60.4 39.2 117.6
150 162.4 0.0 347.0

