

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112125\
 Data File : VX048653.D
 Acq On : 21 Nov 2025 13:46
 Operator : JC/MD
 Sample : Q3702-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 21 22:13:44 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	5.544	168	160726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	315109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	373499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	195692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	132477	59.152	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.300%#	
35) Dibromofluoromethane	5.373	113	108099	45.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.660%	
50) Toluene-d8	8.634	98	291059	39.130	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 78.260%#	
62) 4-Bromofluorobenzene	11.067	95	171556	61.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 123.780%#	

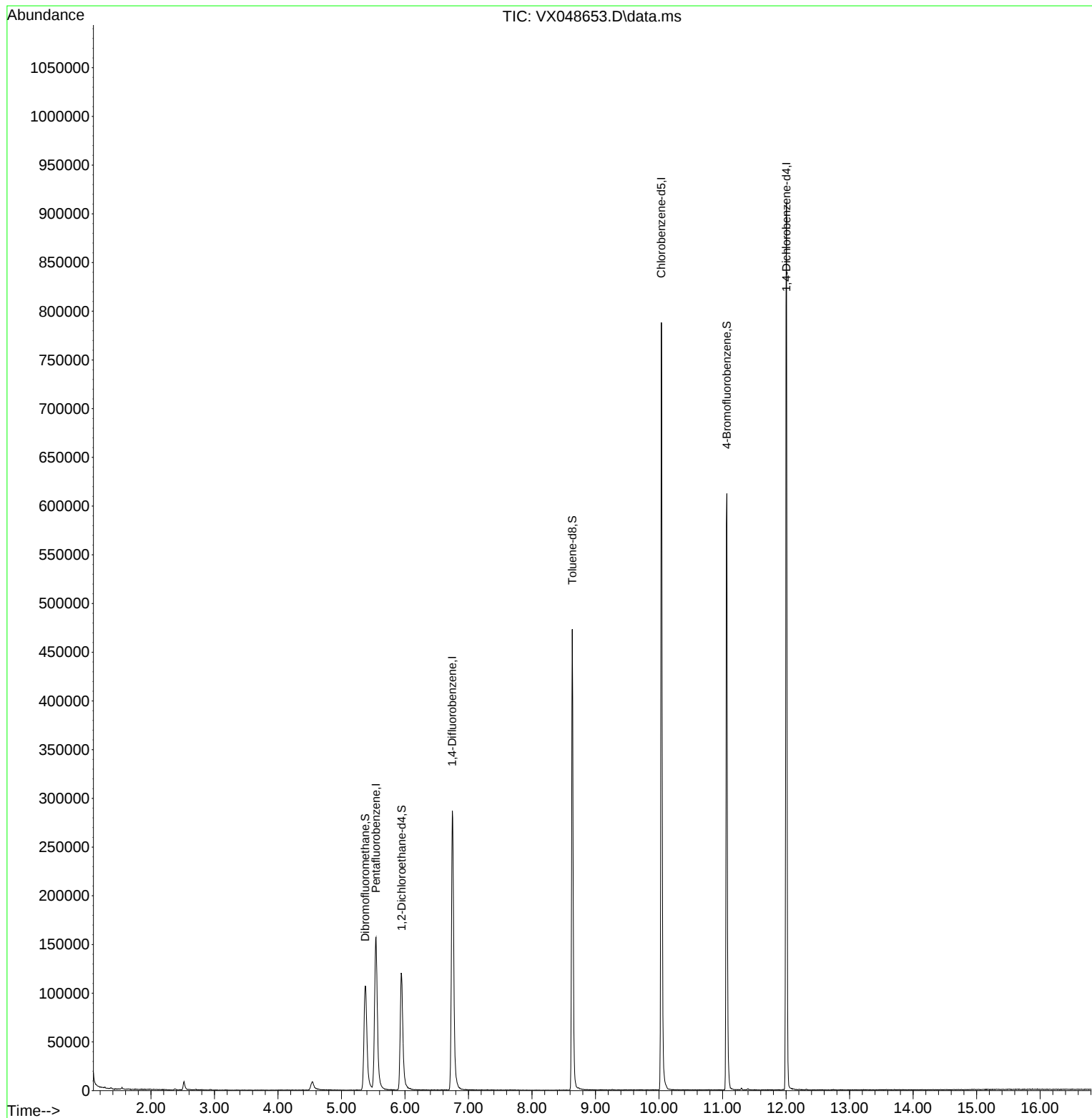
Target Compounds	Qvalue

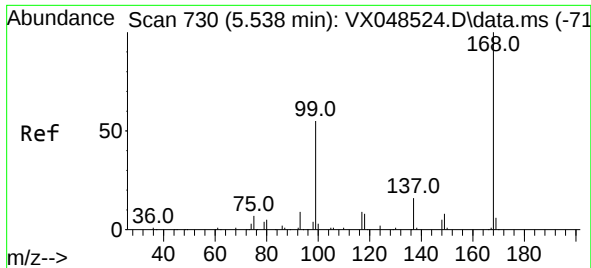
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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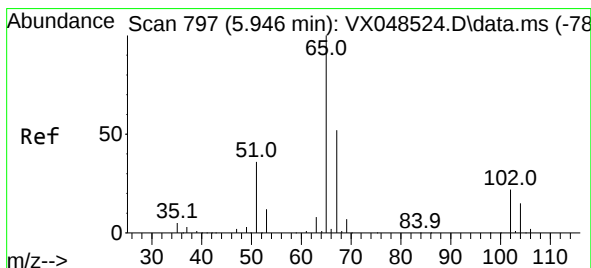
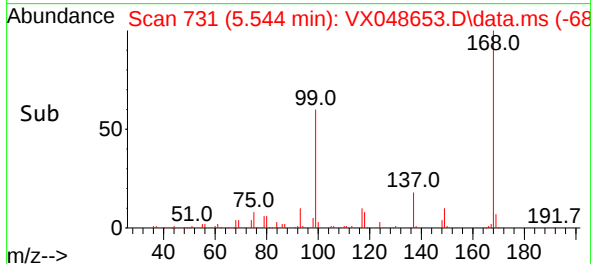
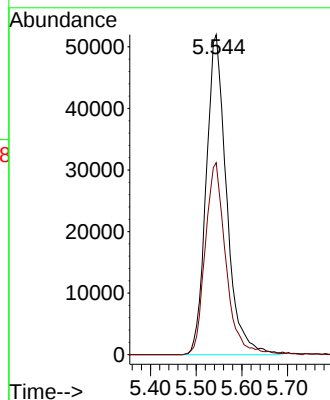
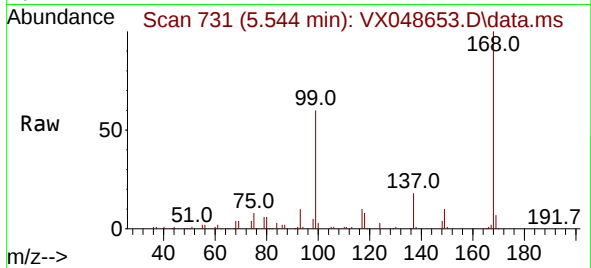




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048653.D
Acq: 21 Nov 2025 13:46

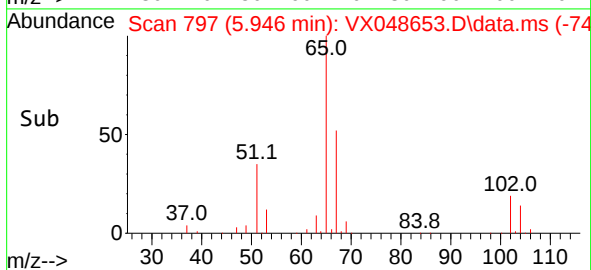
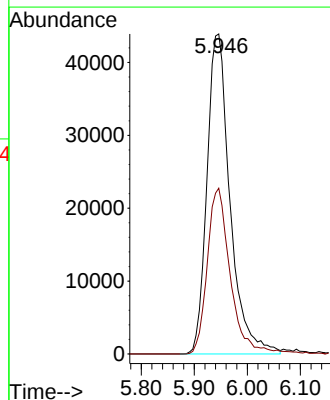
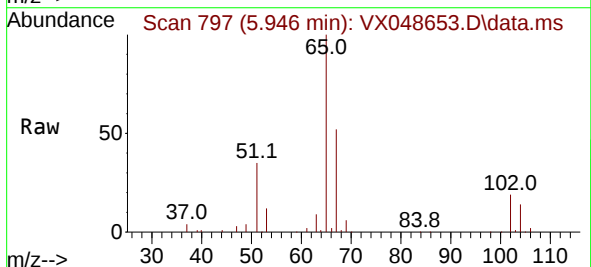
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

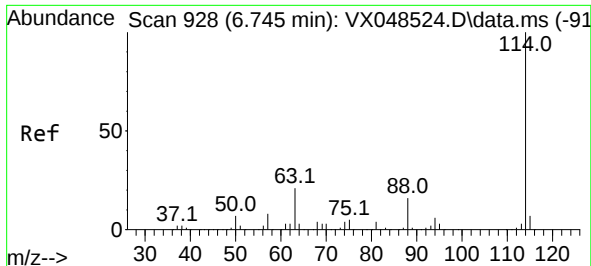
Tgt Ion:168 Resp: 160726
Ion Ratio Lower Upper
168 100
99 60.0 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 59.152 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048653.D
Acq: 21 Nov 2025 13:46

Tgt Ion: 65 Resp: 132477
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2

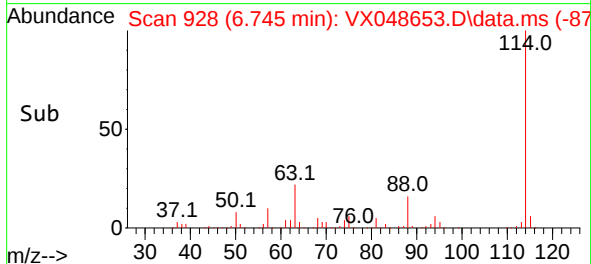
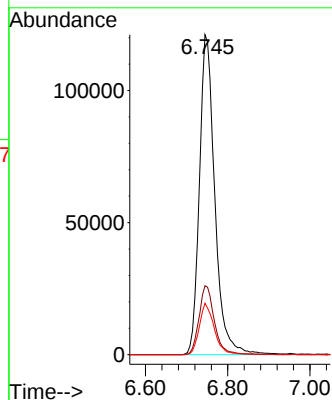
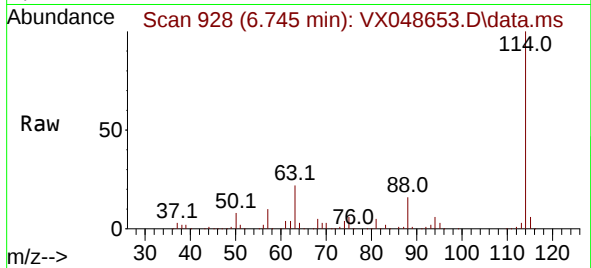




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048653.D
Acq: 21 Nov 2025 13:46

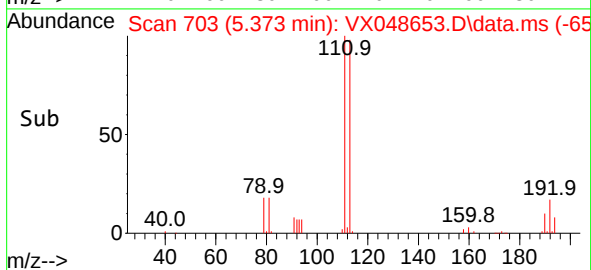
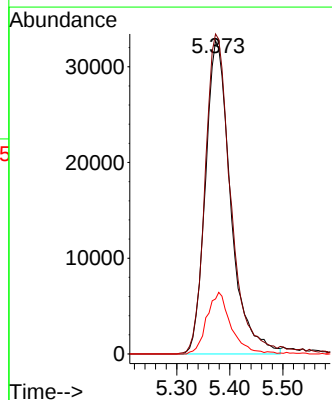
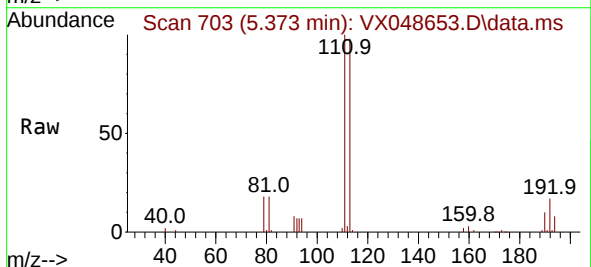
Instrument :
MSVOA_X
ClientSampleId :
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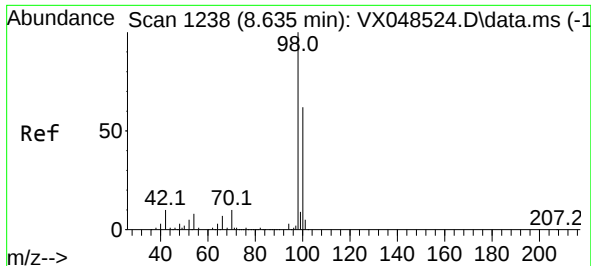
Tgt Ion:114 Resp: 315109
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.2
88 16.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.326 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048653.D
Acq: 21 Nov 2025 13:46

Tgt Ion:113 Resp: 108099
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.7 15.8 23.6

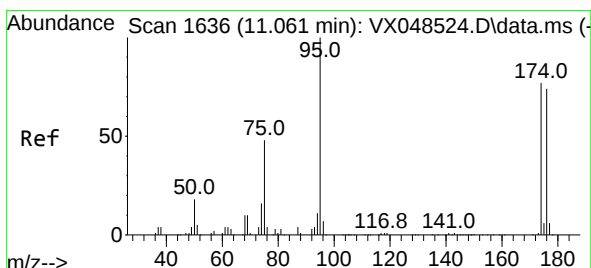
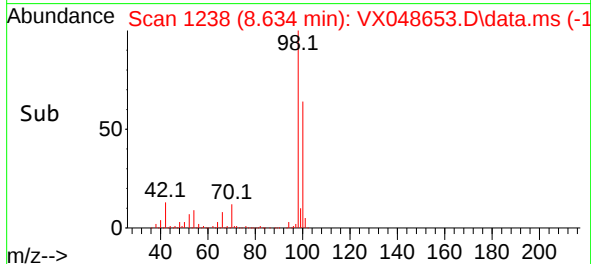
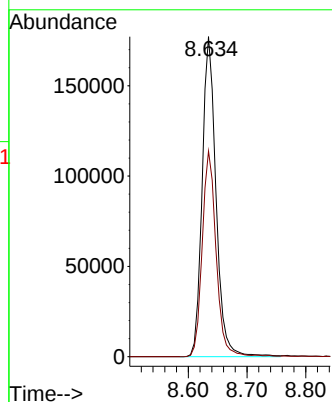
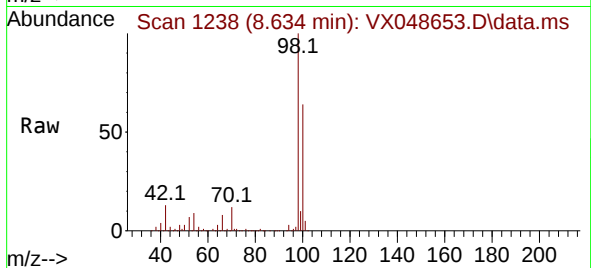




#50
Toluene-d8
Concen: 39.130 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048653.D
Acq: 21 Nov 2025 13:46

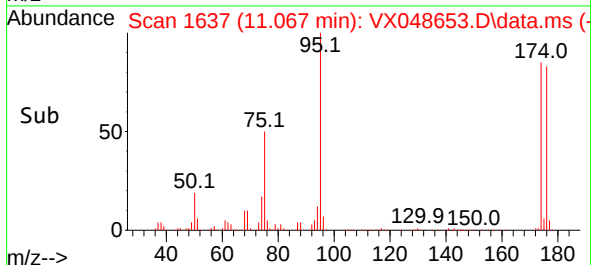
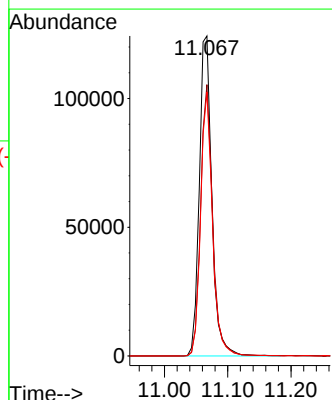
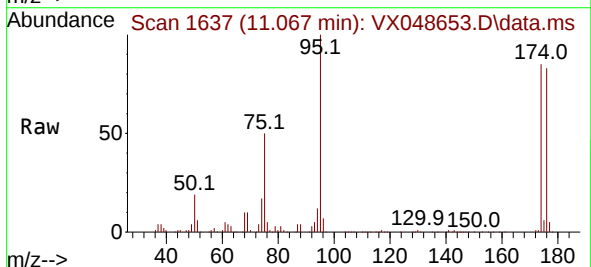
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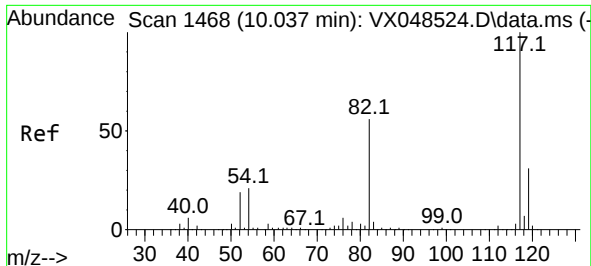
Tgt Ion: 98 Resp: 291059
Ion Ratio Lower Upper
98 100
100 64.1 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 61.889 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048653.D
Acq: 21 Nov 2025 13:46

Tgt Ion: 95 Resp: 171556
Ion Ratio Lower Upper
95 100
174 81.8 0.0 161.8
176 78.1 0.0 153.6

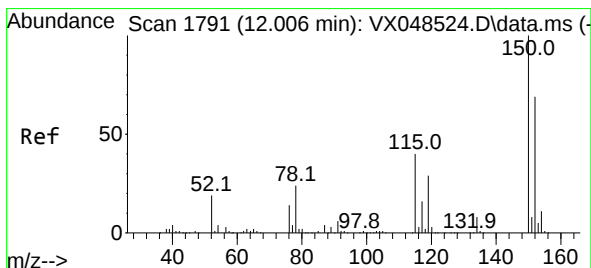
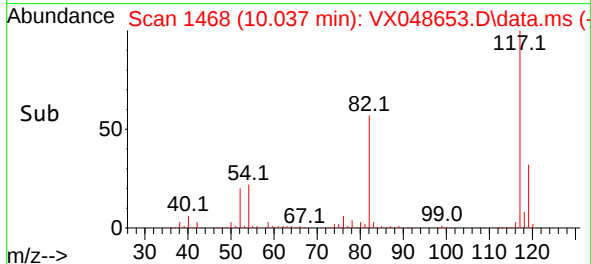
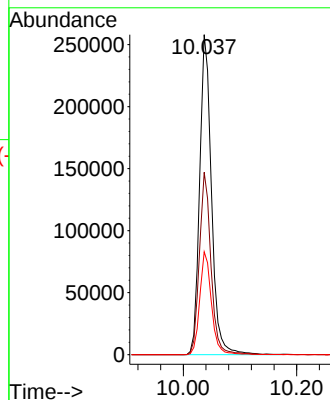
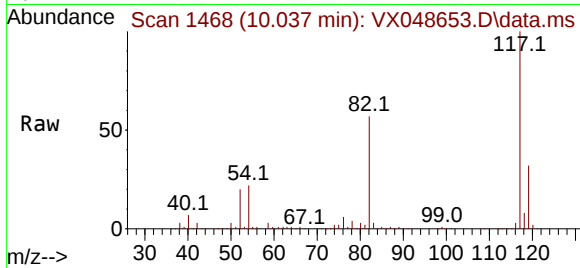




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048653.D
Acq: 21 Nov 2025 13:46

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

Tgt Ion:117 Resp: 373499
Ion Ratio Lower Upper
117 100
82 57.0 44.4 66.6
119 32.2 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: VX048653.D
Acq: 21 Nov 2025 13:46

Tgt Ion:152 Resp: 195692
Ion Ratio Lower Upper
152 100
115 59.4 39.2 117.6
150 159.6 0.0 347.0

