

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112125\
 Data File : VX048652.D
 Acq On : 21 Nov 2025 13:25
 Operator : JC/MD
 Sample : Q3702-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 21 22:13:22 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	5.537	168	170410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	333480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	361276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	189089	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119507	50.329	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.660%
35) Dibromofluoromethane	5.373	113	107865	42.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.480%
50) Toluene-d8	8.634	98	385595	48.984	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.960%
62) 4-Bromofluorobenzene	11.061	95	162029	55.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.460%

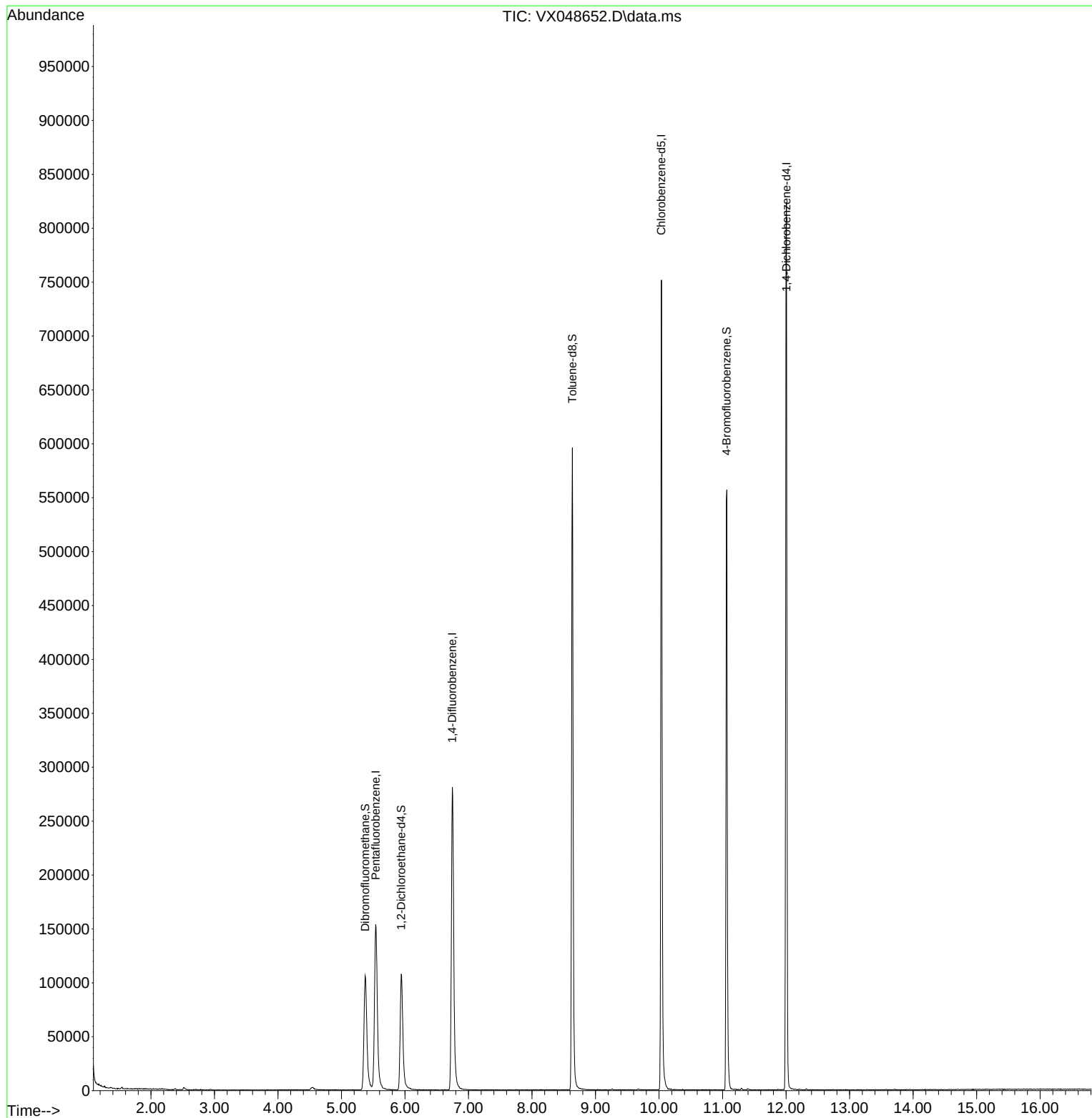
Target Compounds	Qvalue

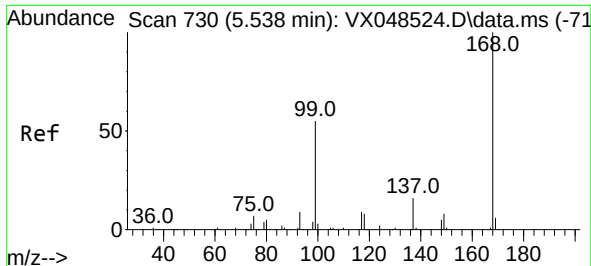
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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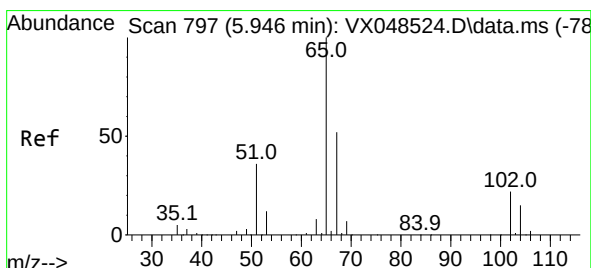
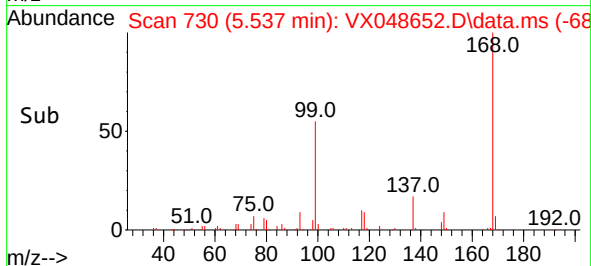
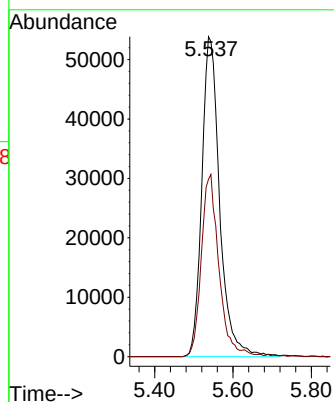
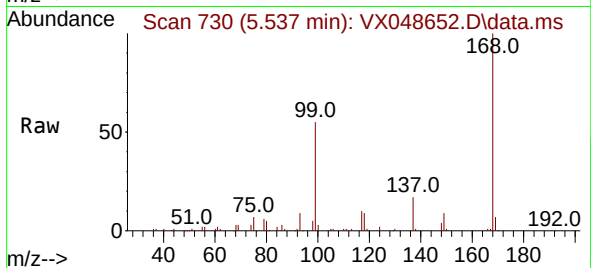




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.001 min
Lab File: VX048652.D
Acq: 21 Nov 2025 13:25

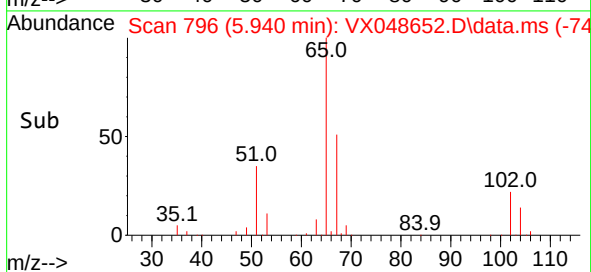
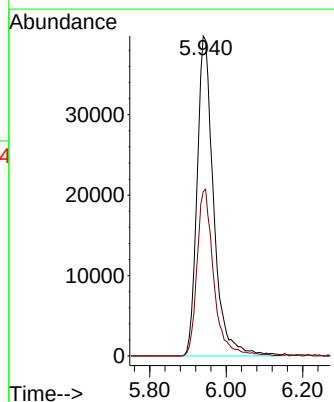
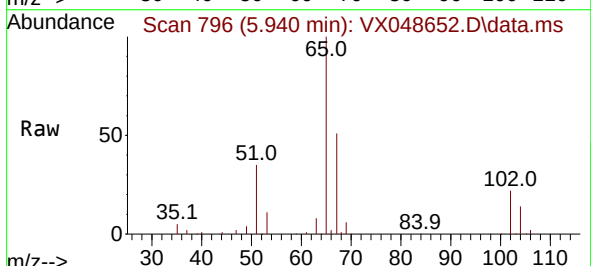
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

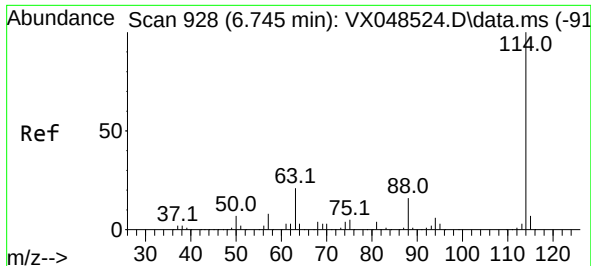
Tgt Ion:168 Resp: 170410
Ion Ratio Lower Upper
168 100
99 55.5 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 50.329 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048652.D
Acq: 21 Nov 2025 13:25

Tgt Ion: 65 Resp: 119507
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2

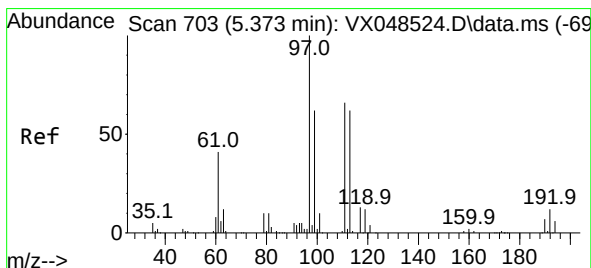
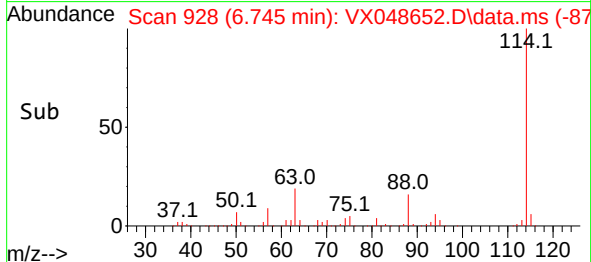
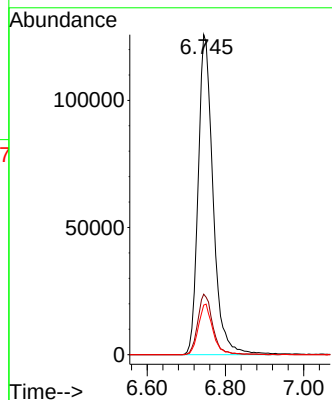
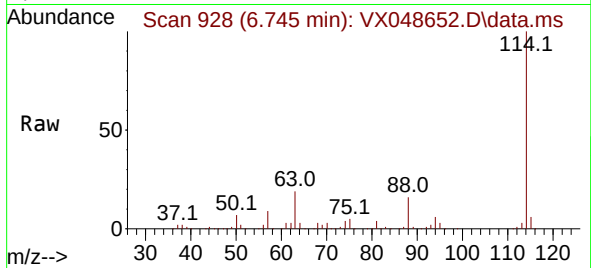




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048652.D
Acq: 21 Nov 2025 13:25

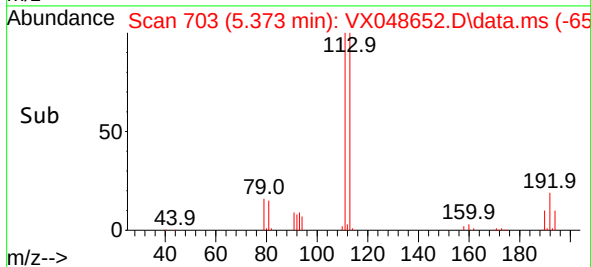
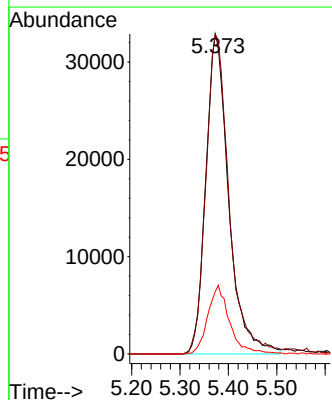
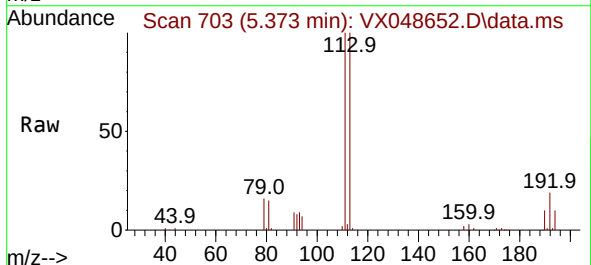
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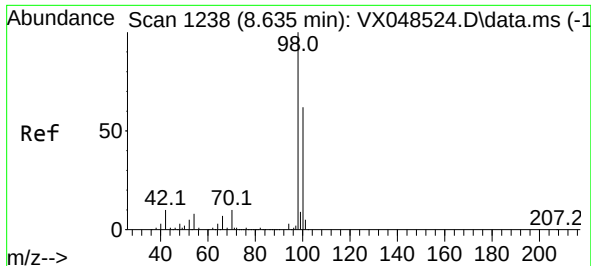
Tgt Ion:114 Resp: 333480
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.2
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 42.736 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048652.D
Acq: 21 Nov 2025 13:25

Tgt Ion:113 Resp: 107865
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 20.5 15.8 23.6

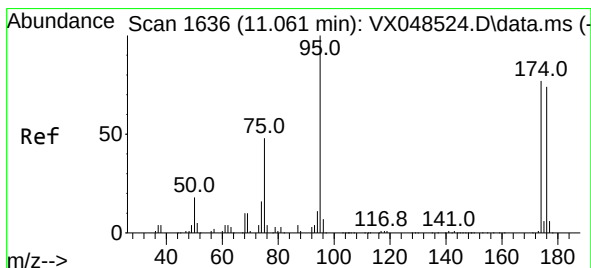
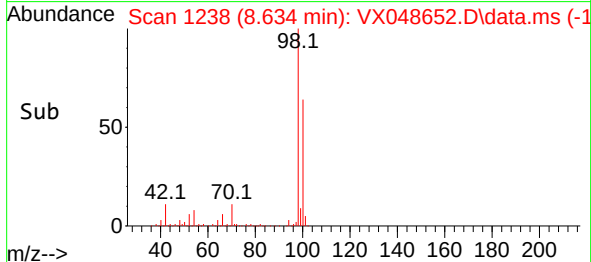
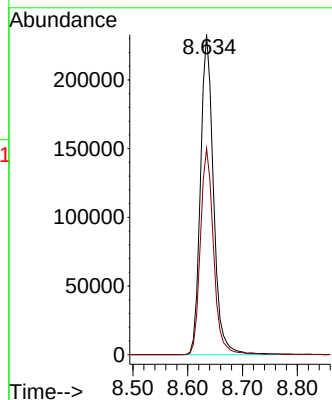
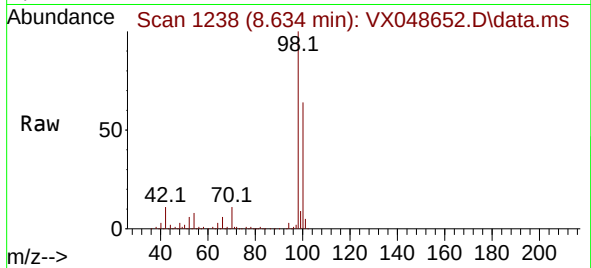




#50
Toluene-d8
Concen: 48.984 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048652.D
Acq: 21 Nov 2025 13:25

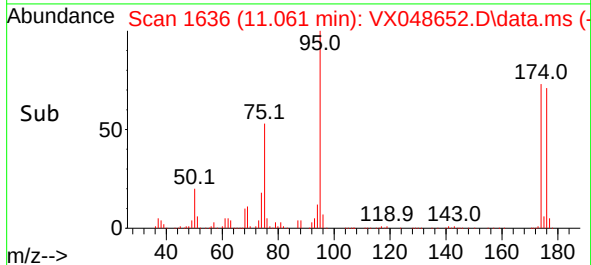
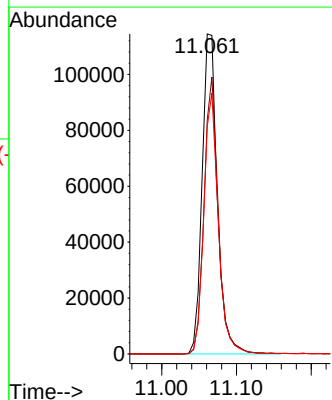
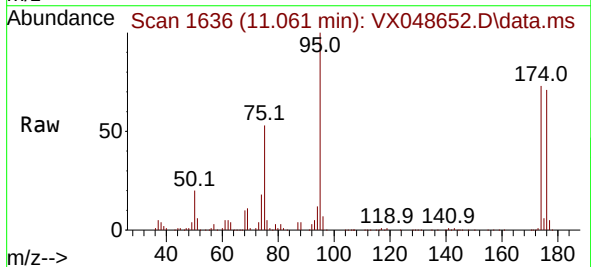
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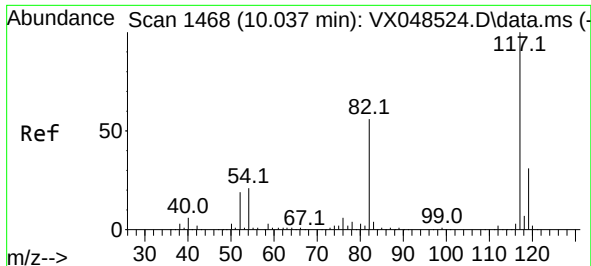
Tgt Ion: 98 Resp: 385595
Ion Ratio Lower Upper
98 100
100 65.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 55.232 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048652.D
Acq: 21 Nov 2025 13:25

Tgt Ion: 95 Resp: 162029
Ion Ratio Lower Upper
95 100
174 81.3 0.0 161.8
176 77.8 0.0 153.6

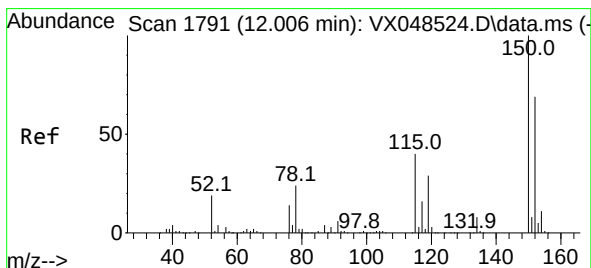
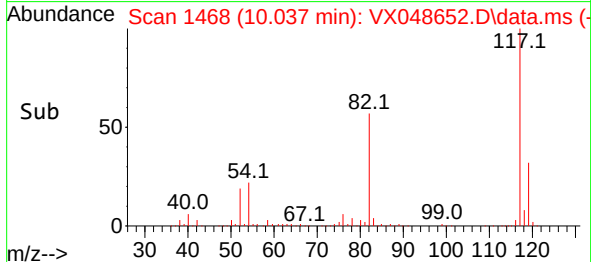
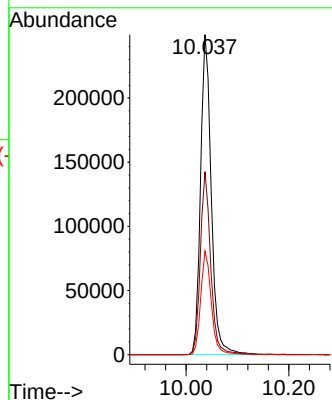
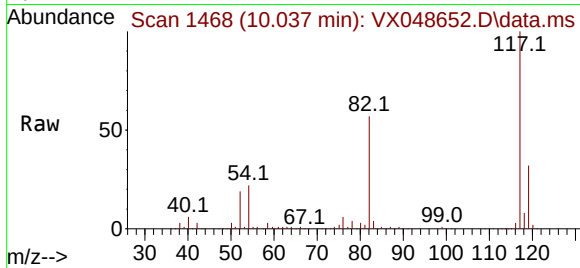




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048652.D
Acq: 21 Nov 2025 13:25

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

Tgt Ion:117 Resp: 361276
Ion Ratio Lower Upper
117 100
82 57.2 44.4 66.6
119 32.3 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: VX048652.D
Acq: 21 Nov 2025 13:25

Tgt Ion:152 Resp: 189089
Ion Ratio Lower Upper
152 100
115 58.2 39.2 117.6
150 155.4 0.0 347.0

