

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048577.D
 Acq On : 12 Nov 2025 14:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 14 00:28:48 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	5.532	168	211541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	424563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	454804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	251206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	155652	52.805	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.620%
35) Dibromofluoromethane	5.367	113	145299	45.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.440%
50) Toluene-d8	8.629	98	528744	52.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.520%
62) 4-Bromofluorobenzene	11.061	95	225288	60.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.640%

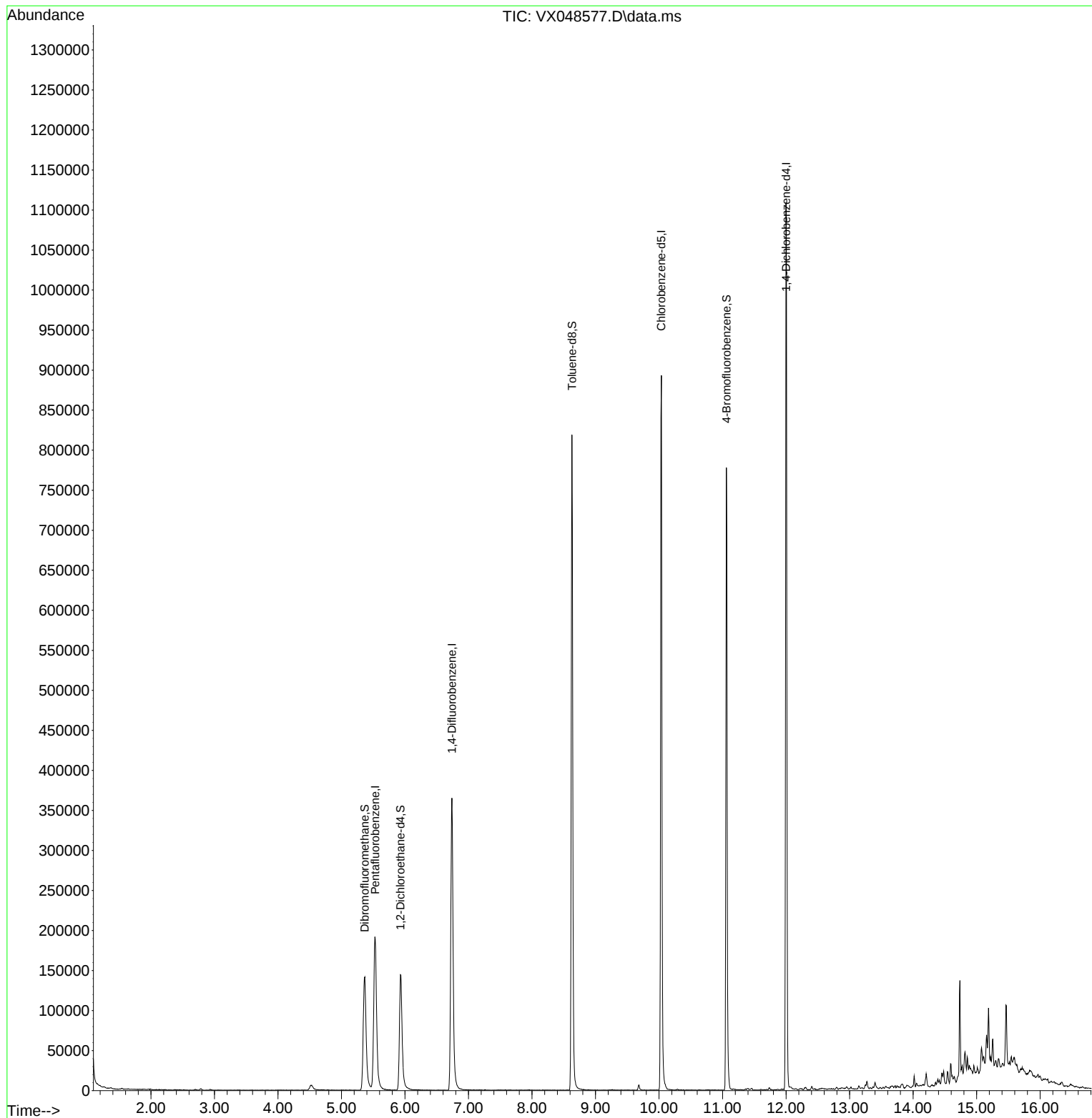
Target Compounds	Qvalue

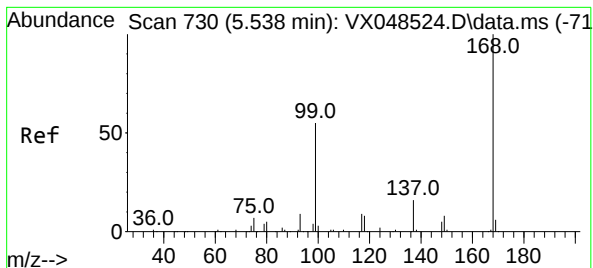
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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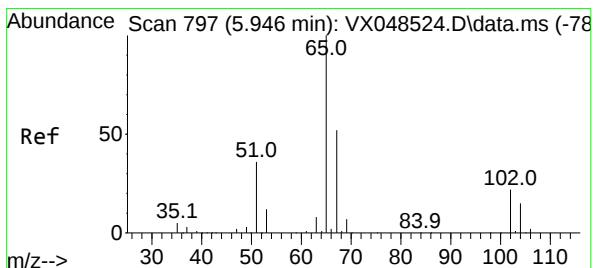
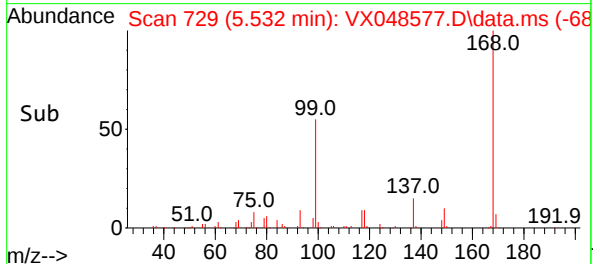
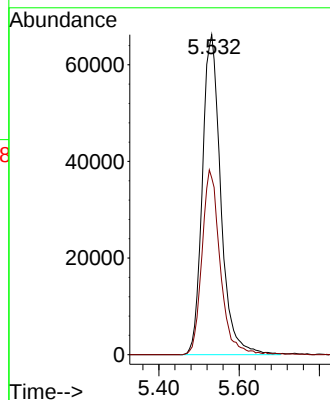
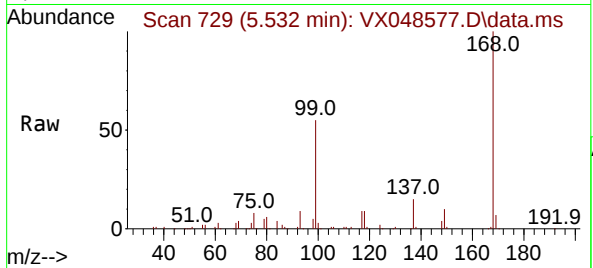




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

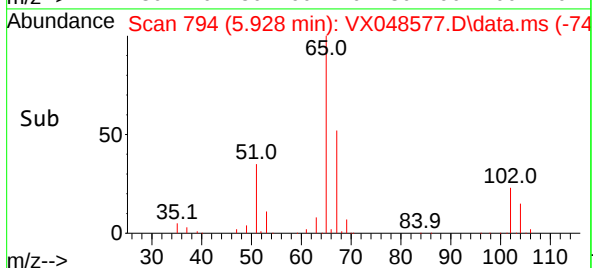
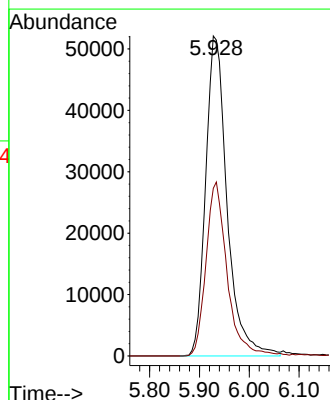
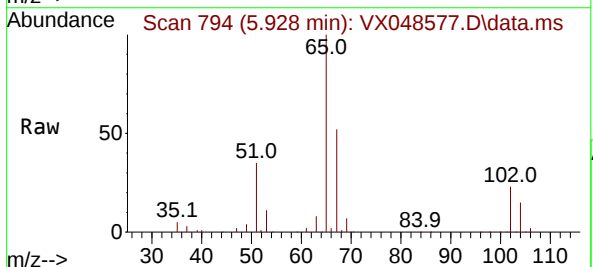
Instrument :
MSVOA_X
ClientSampleId :
IBLK

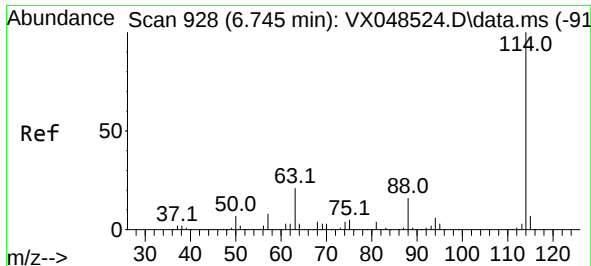
Tgt Ion:168 Resp: 211541
Ion Ratio Lower Upper
168 100
99 55.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 52.805 ug/l
RT: 5.928 min Scan# 794
Delta R.T. -0.018 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Tgt Ion: 65 Resp: 155652
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.2

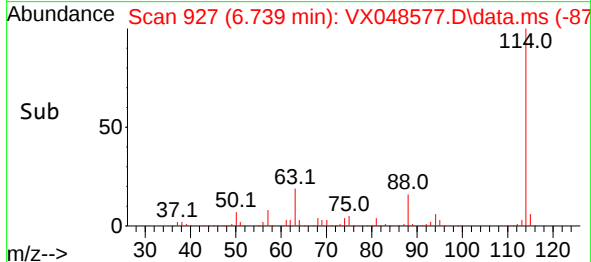
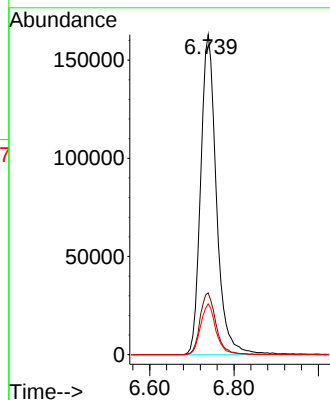
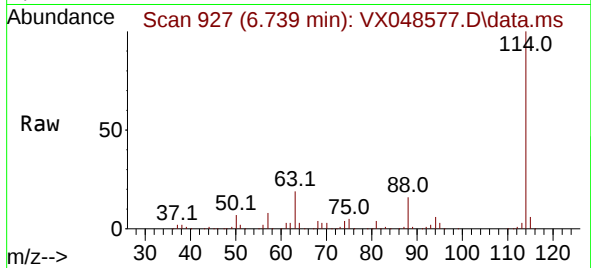




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

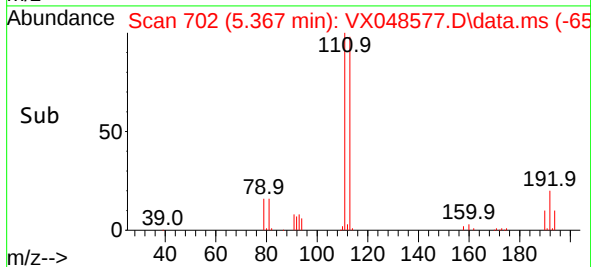
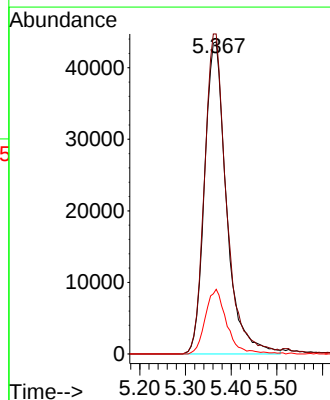
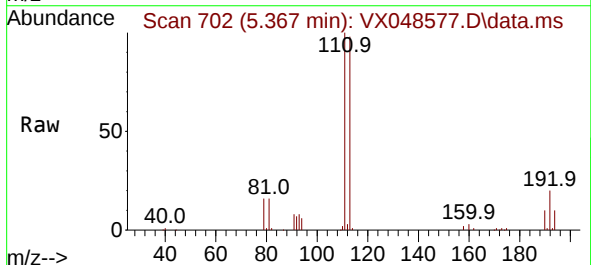
Instrument :
MSVOA_X
ClientSampleId :
IBLK

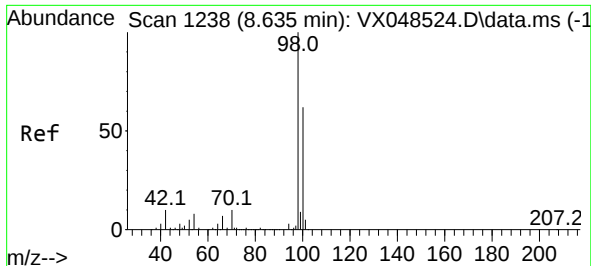
Tgt Ion:114 Resp: 424563
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.217 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Tgt Ion:113 Resp: 145299
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.3 15.8 23.6

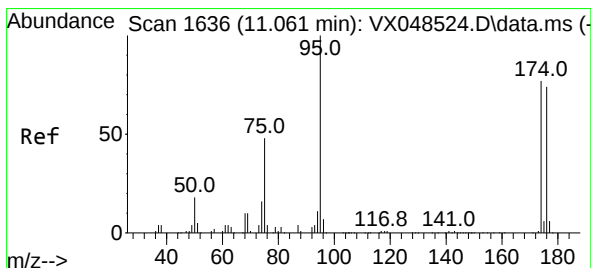
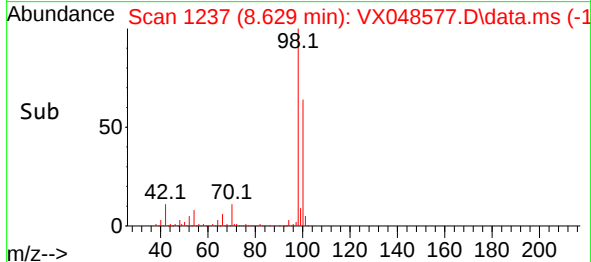
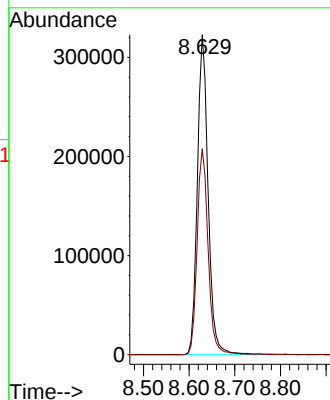
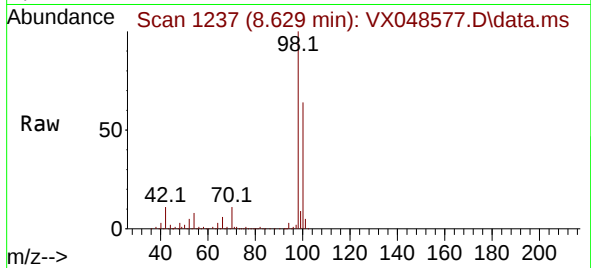




#50
Toluene-d8
Concen: 52.759 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

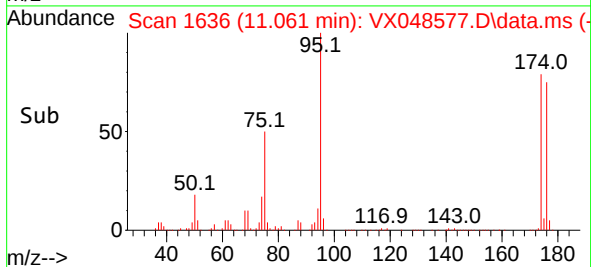
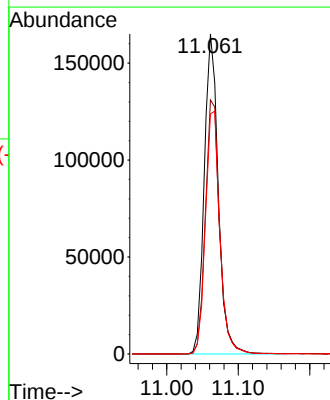
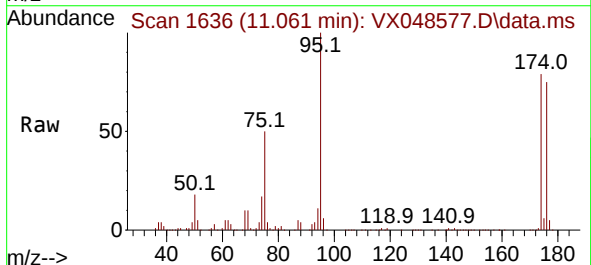
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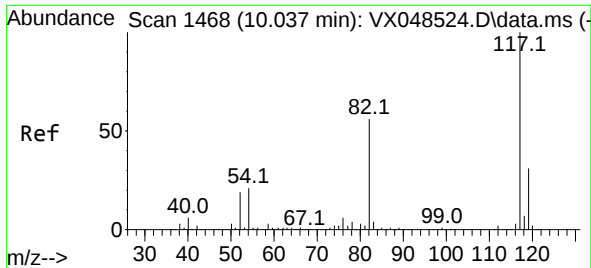
Tgt Ion: 98 Resp: 528744
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 60.321 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Tgt Ion: 95 Resp: 225288
Ion Ratio Lower Upper
95 100
174 80.6 0.0 161.8
176 77.9 0.0 153.6

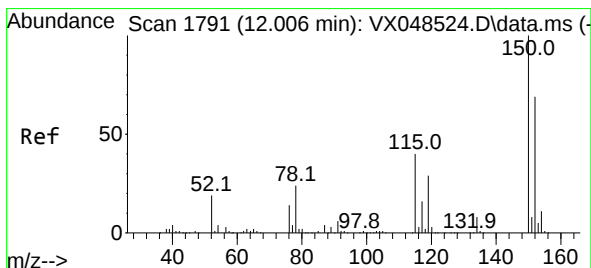
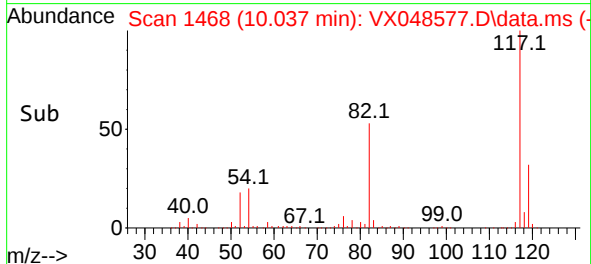
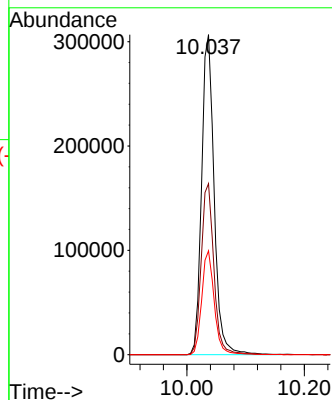
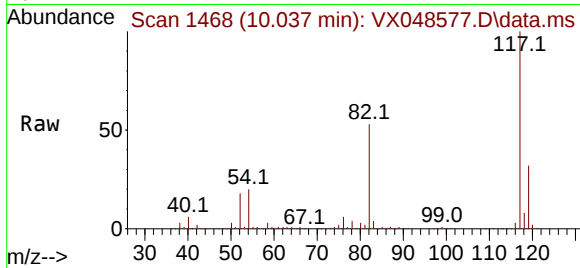




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 454804
Ion Ratio Lower Upper
117 100
82 53.5 44.4 66.6
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048577.D
Acq: 12 Nov 2025 14:44

Tgt Ion:152 Resp: 251206
Ion Ratio Lower Upper
152 100
115 58.1 39.2 117.6
150 158.3 0.0 347.0

