

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
 Data File : VX048554.D
 Acq On : 11 Nov 2025 11:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 12 04:43:40 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	179891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	346715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	347881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	179998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127433	50.838	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.680%
35) Dibromofluoromethane	5.373	113	120163	45.791	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.580%
50) Toluene-d8	8.635	98	394091	48.152	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.061	95	163772	53.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.400%

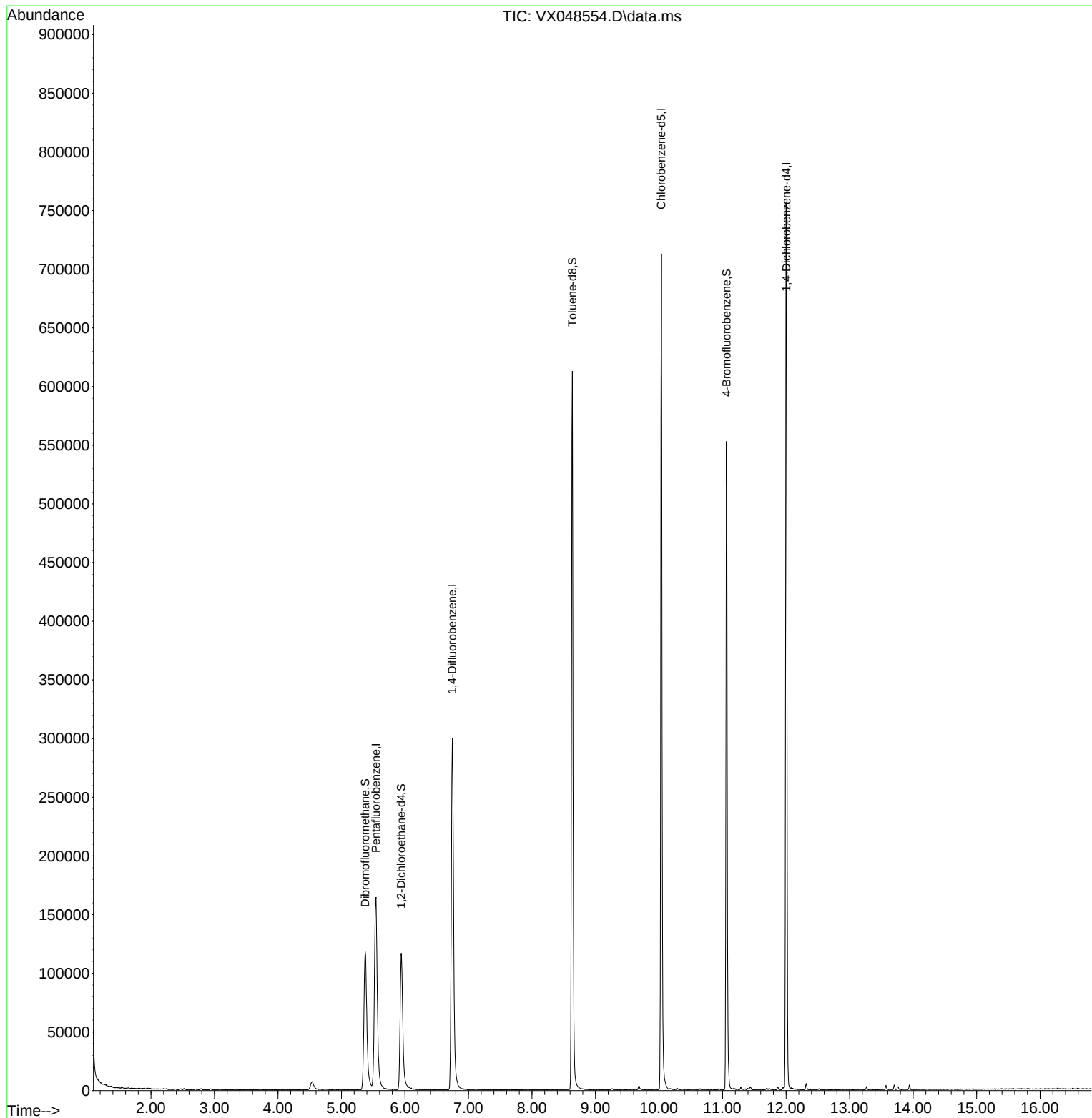
Target Compounds	Qvalue

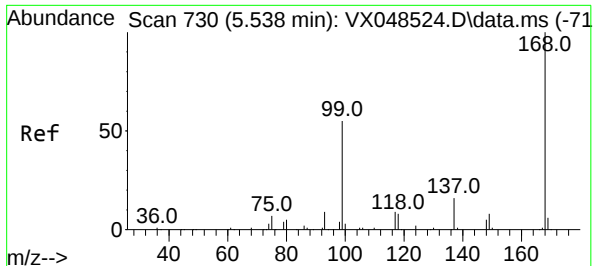
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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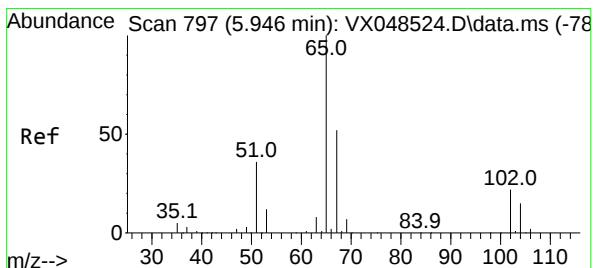
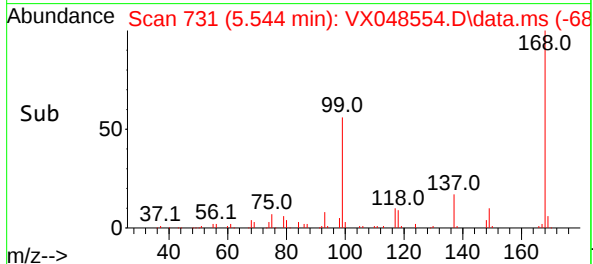
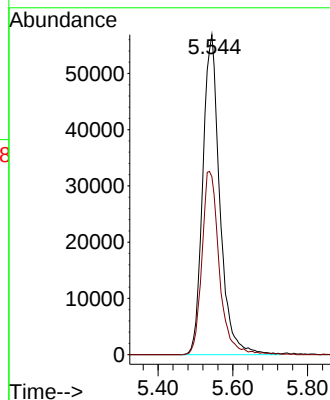
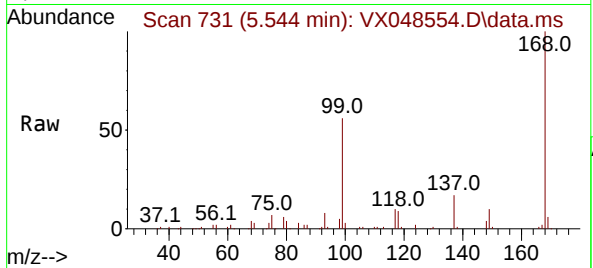




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048554.D
Acq: 11 Nov 2025 11:23

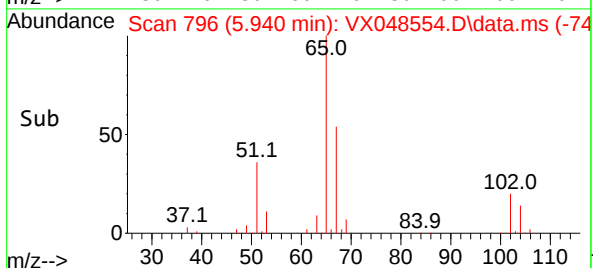
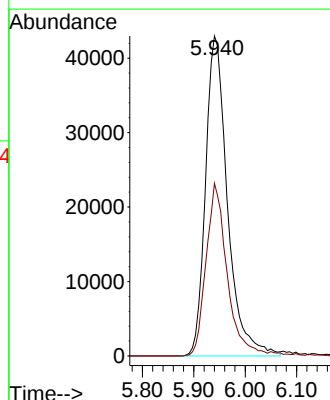
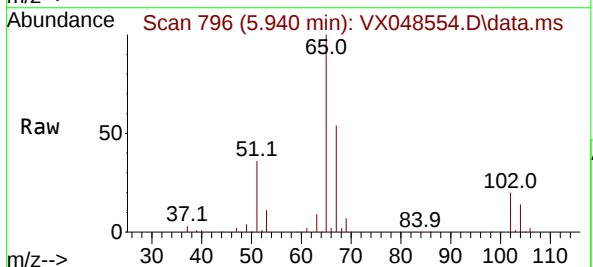
Instrument :
MSVOA_X
ClientSampleId :
IBLK

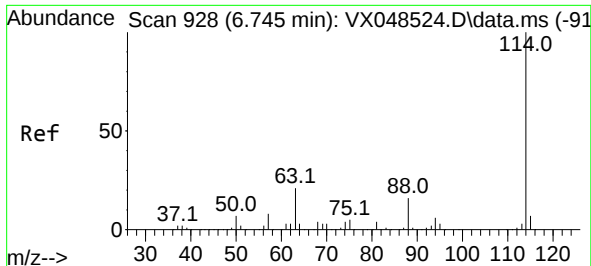
Tgt Ion:168 Resp: 179891
Ion Ratio Lower Upper
168 100
99 55.6 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 50.838 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048554.D
Acq: 11 Nov 2025 11:23

Tgt Ion: 65 Resp: 127433
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.2

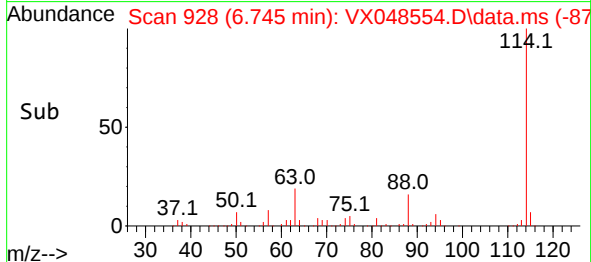
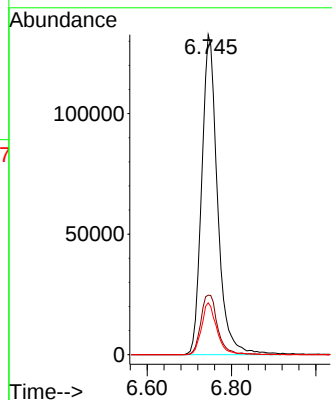
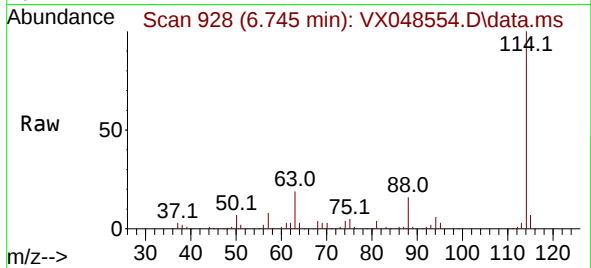




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048554.D
Acq: 11 Nov 2025 11:23

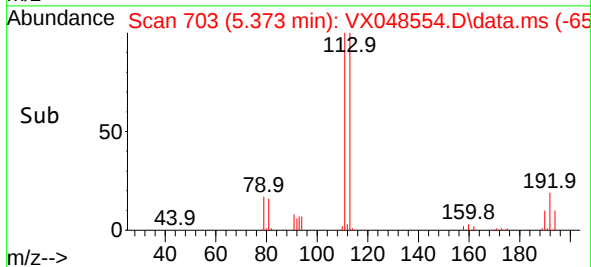
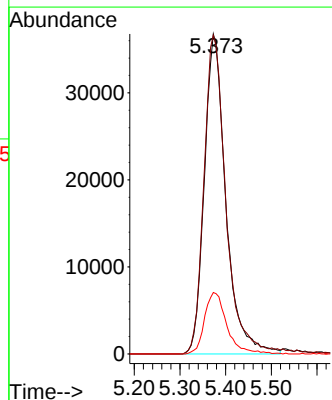
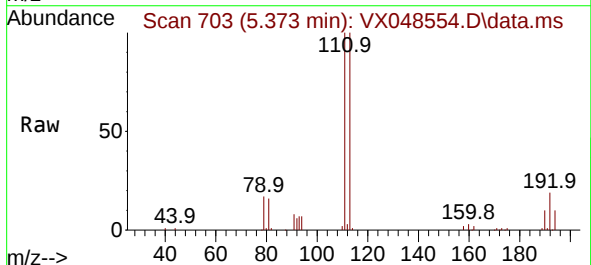
Instrument :
MSVOA_X
ClientSampleId :
IBLK

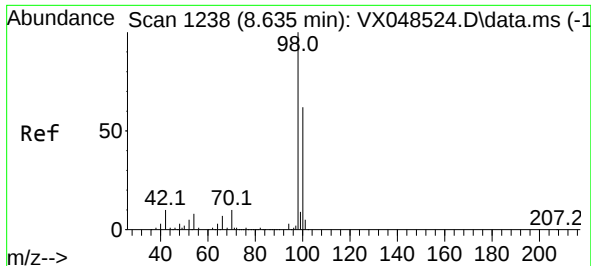
Tgt Ion:114 Resp: 346715
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.2
88 16.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.791 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048554.D
Acq: 11 Nov 2025 11:23

Tgt Ion:113 Resp: 120163
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.9 15.8 23.6

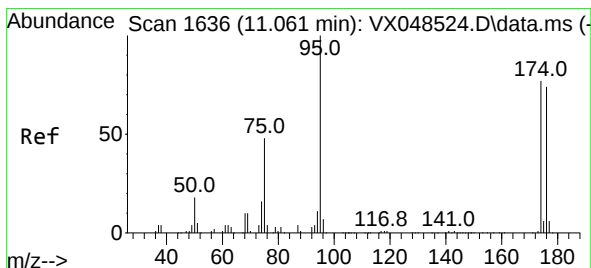
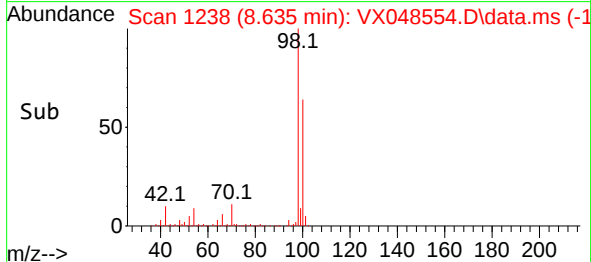
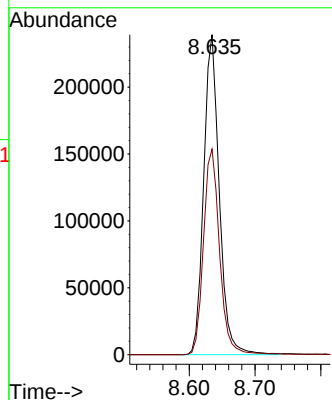
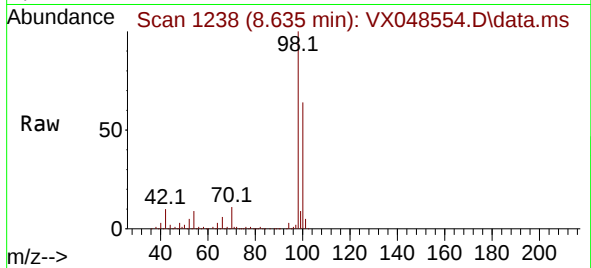




#50
Toluene-d8
Concen: 48.152 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048554.D
Acq: 11 Nov 2025 11:23

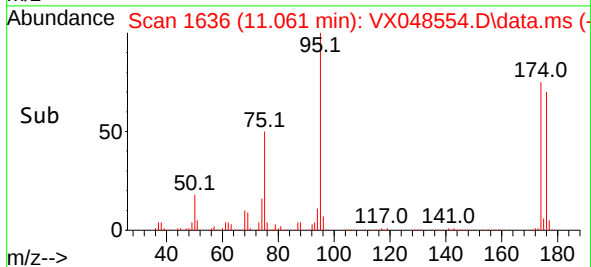
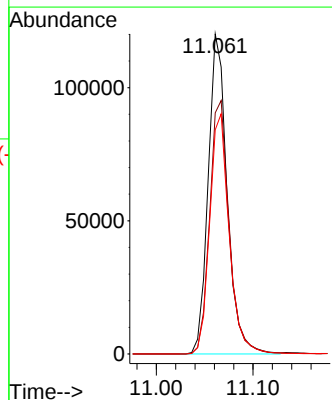
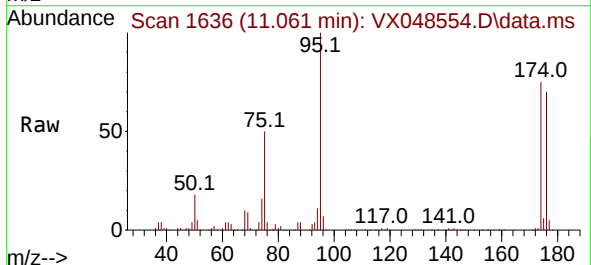
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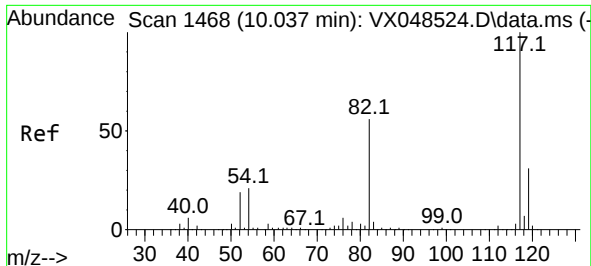
Tgt Ion: 98 Resp: 394091
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 53.695 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048554.D
Acq: 11 Nov 2025 11:23

Tgt Ion: 95 Resp: 163772
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.8
176 77.5 0.0 153.6

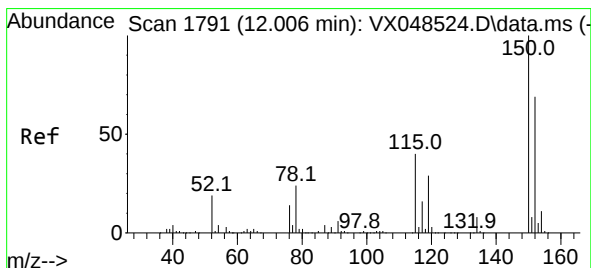
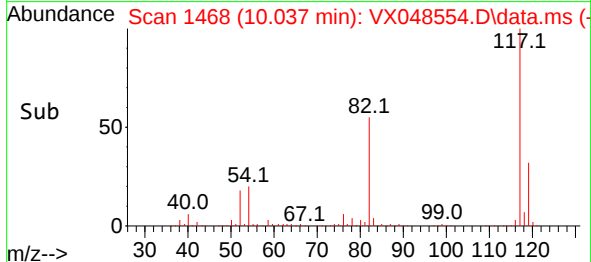
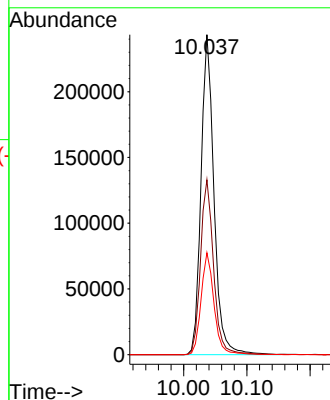
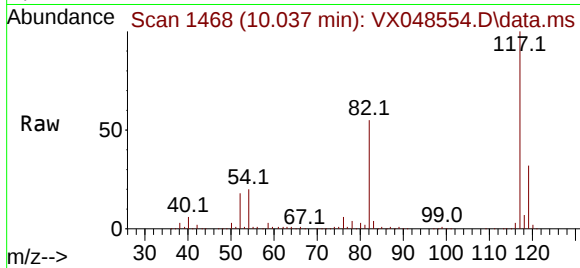




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048554.D
Acq: 11 Nov 2025 11:23

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 347881
Ion Ratio Lower Upper
117 100
82 54.6 44.4 66.6
119 31.9 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: VX048554.D
Acq: 11 Nov 2025 11:23

Tgt Ion:152 Resp: 179998
Ion Ratio Lower Upper
152 100
115 57.9 39.2 117.6
150 156.2 0.0 347.0

