

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
 Data File : VX048550.D
 Acq On : 11 Nov 2025 09:41
 Operator : JC/MD
 Sample : VX1111MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1111MBL01

Quant Time: Nov 12 04:40:45 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	5.531	168	138957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	278062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	157338	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	103748	53.582	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.160%
35) Dibromofluoromethane	5.367	113	95045	45.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.320%
50) Toluene-d8	8.628	98	342831	52.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.460%
62) 4-Bromofluorobenzene	11.061	95	143614	58.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.420%

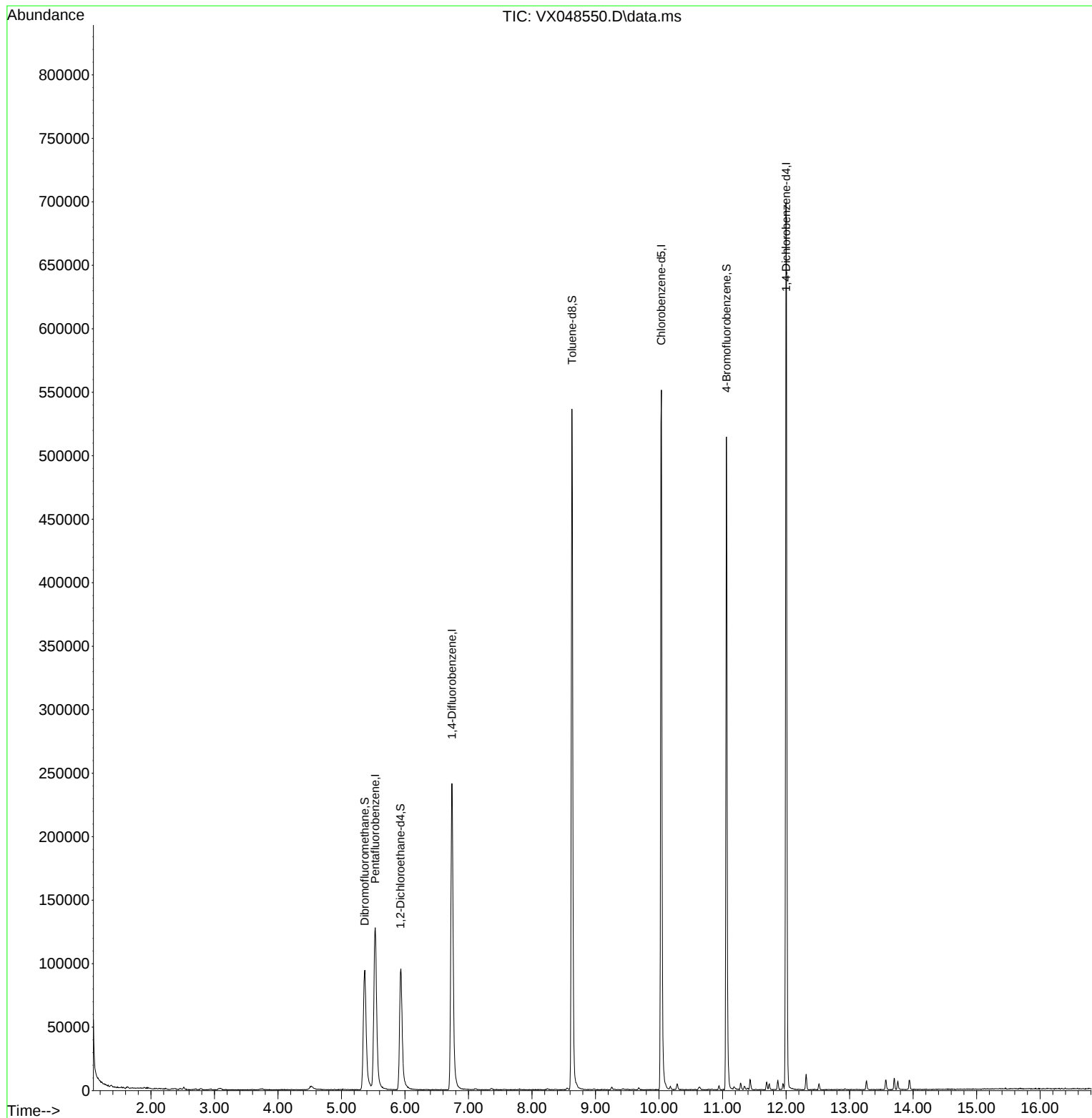
Target Compounds	Qvalue

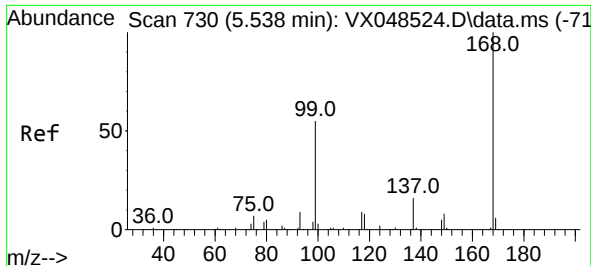
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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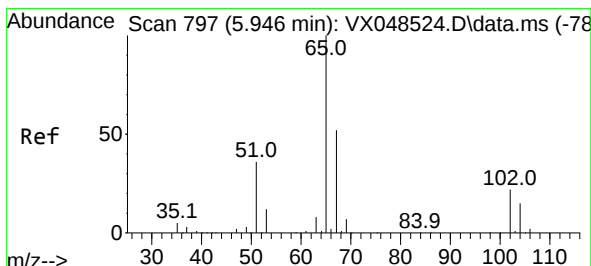
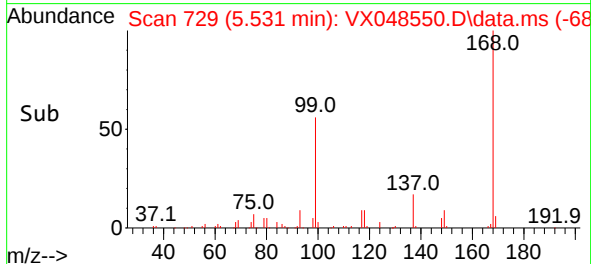
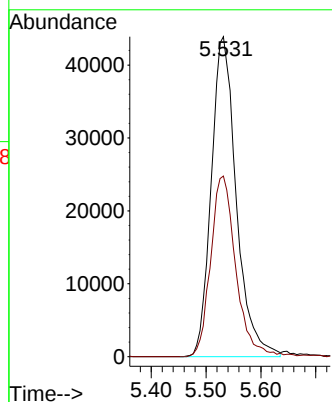
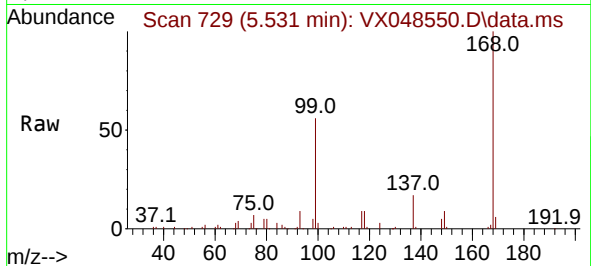




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048550.D
Acq: 11 Nov 2025 09:41

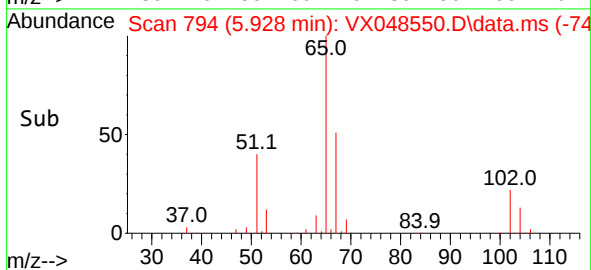
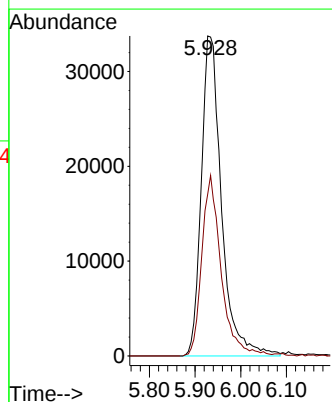
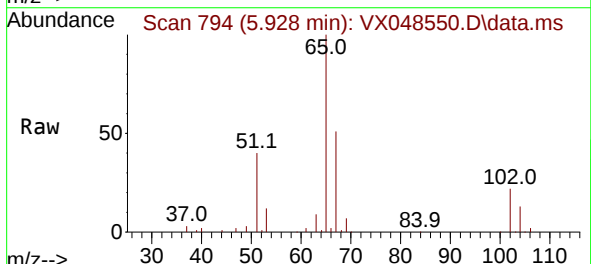
Instrument :
MSVOA_X
ClientSampleId :
VX1111MBL01

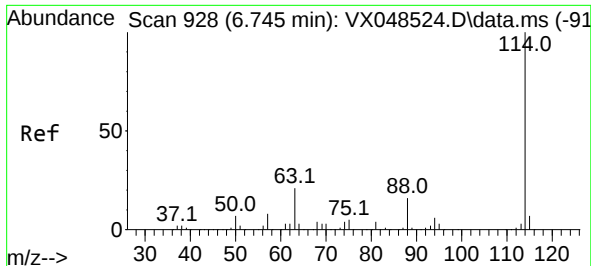
Tgt Ion:168 Resp: 138957
Ion Ratio Lower Upper
168 100
99 56.4 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 53.582 ug/l
RT: 5.928 min Scan# 794
Delta R.T. -0.018 min
Lab File: VX048550.D
Acq: 11 Nov 2025 09:41

Tgt Ion: 65 Resp: 103748
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.2

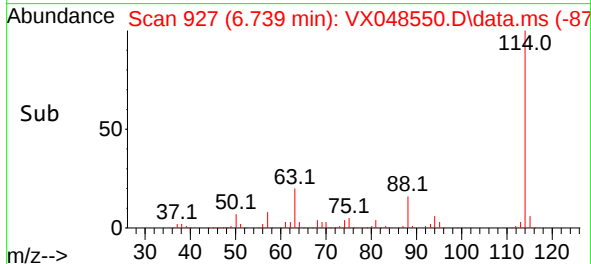
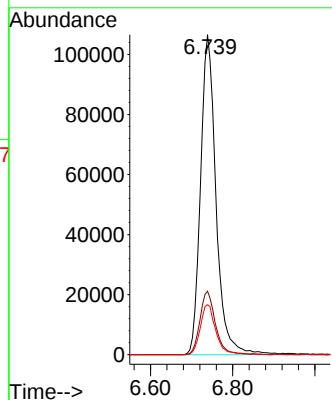
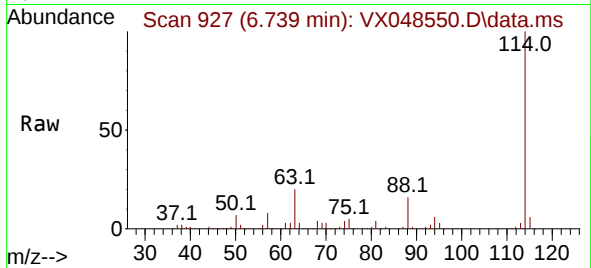




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048550.D
Acq: 11 Nov 2025 09:41

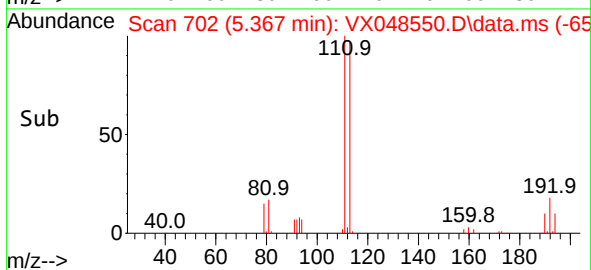
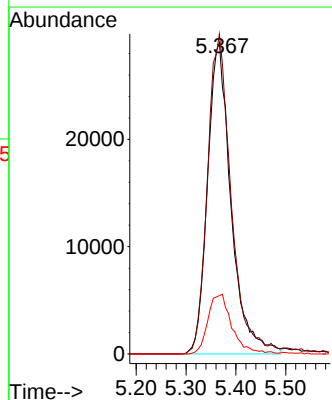
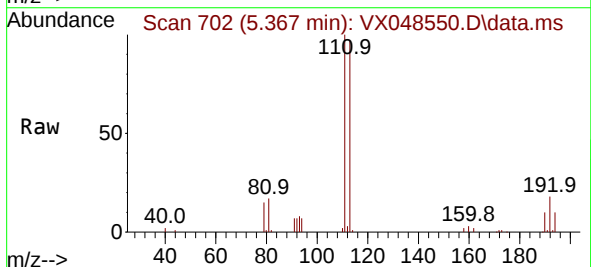
Instrument :
MSVOA_X
ClientSampleId :
VX1111MBL01

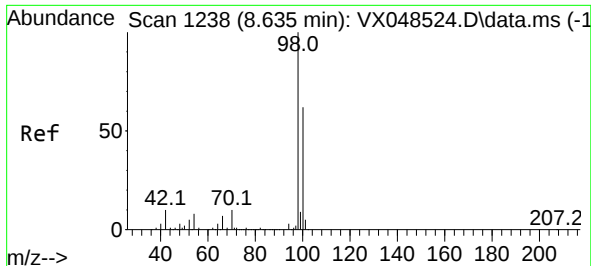
Tgt Ion:114 Resp: 278062
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.2
88 15.6 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.162 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048550.D
Acq: 11 Nov 2025 09:41

Tgt Ion:113 Resp: 95045
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.6 15.8 23.6

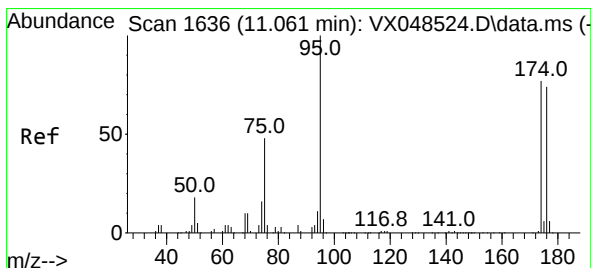
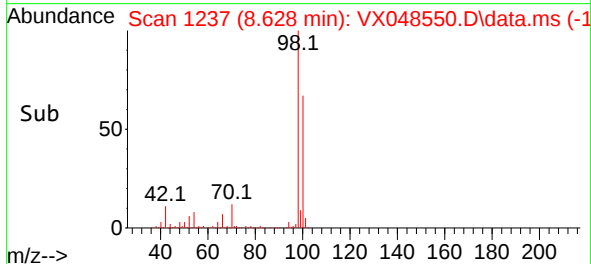
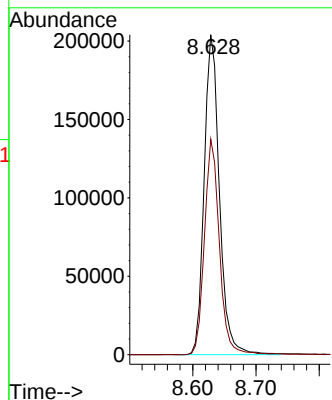
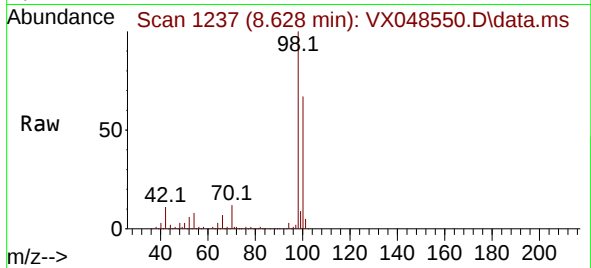




#50
Toluene-d8
Concen: 52.231 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048550.D
Acq: 11 Nov 2025 09:41

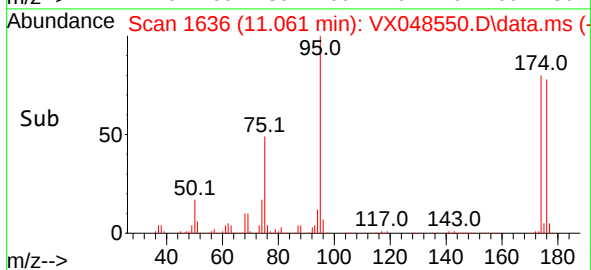
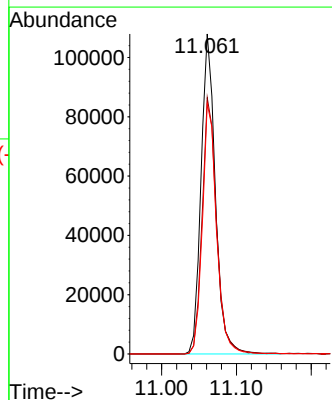
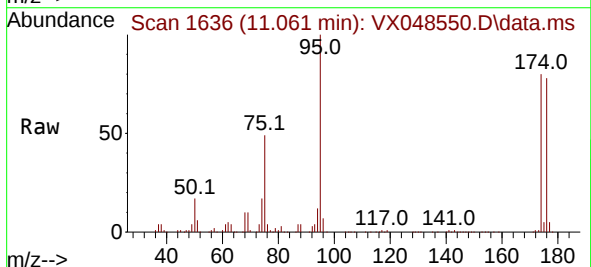
Instrument :
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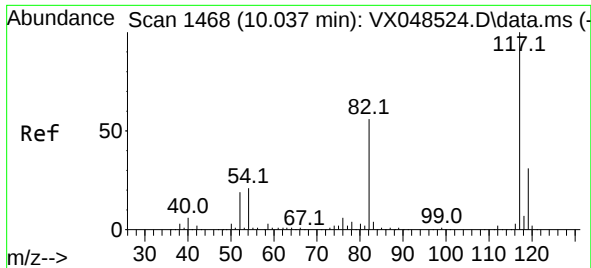
Tgt Ion: 98 Resp: 342831
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 58.712 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048550.D
Acq: 11 Nov 2025 09:41

Tgt Ion: 95 Resp: 143614
Ion Ratio Lower Upper
95 100
174 81.1 0.0 161.8
176 77.6 0.0 153.6

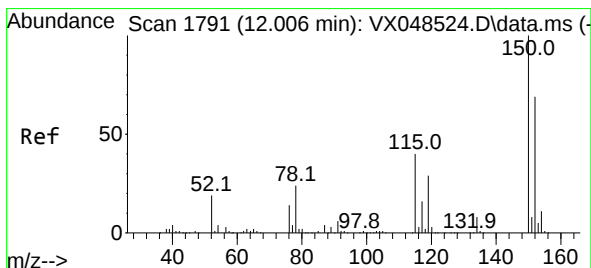
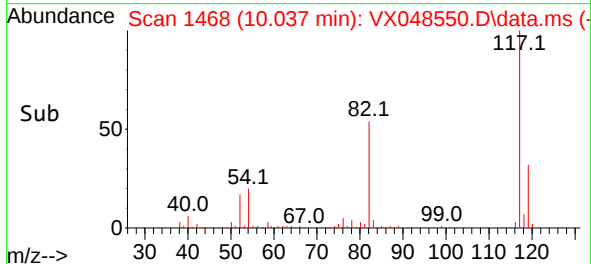
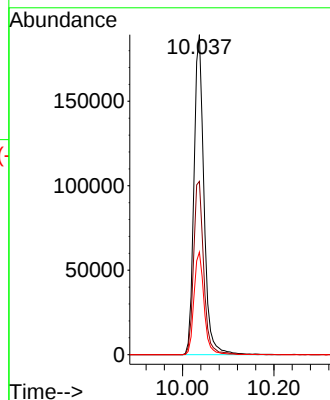
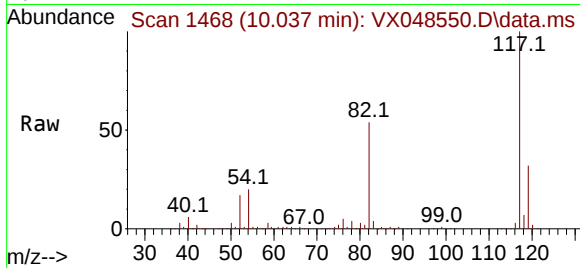




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048550.D
Acq: 11 Nov 2025 09:41

Instrument :
MSVOA_X
ClientSampleId :
VX1111MBL01

Tgt Ion:117 Resp: 288627
Ion Ratio Lower Upper
117 100
82 54.2 44.4 66.6
119 32.0 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: VX048550.D
Acq: 11 Nov 2025 09:41

Tgt Ion:152 Resp: 157338
Ion Ratio Lower Upper
152 100
115 57.9 39.2 117.6
150 154.6 0.0 347.0

