

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048702.D
 Acq On : 03 Dec 2025 13:47
 Operator : JC/MD
 Sample : VX1203MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203MBL01

Quant Time: Dec 04 02:28:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 02:13:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	154362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	262298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	280869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103192	49.514	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.020%
35) Dibromofluoromethane	5.373	113	94260	52.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.440%
50) Toluene-d8	8.635	98	283427	46.230	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.460%
62) 4-Bromofluorobenzene	11.061	95	128765	57.230	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.460%

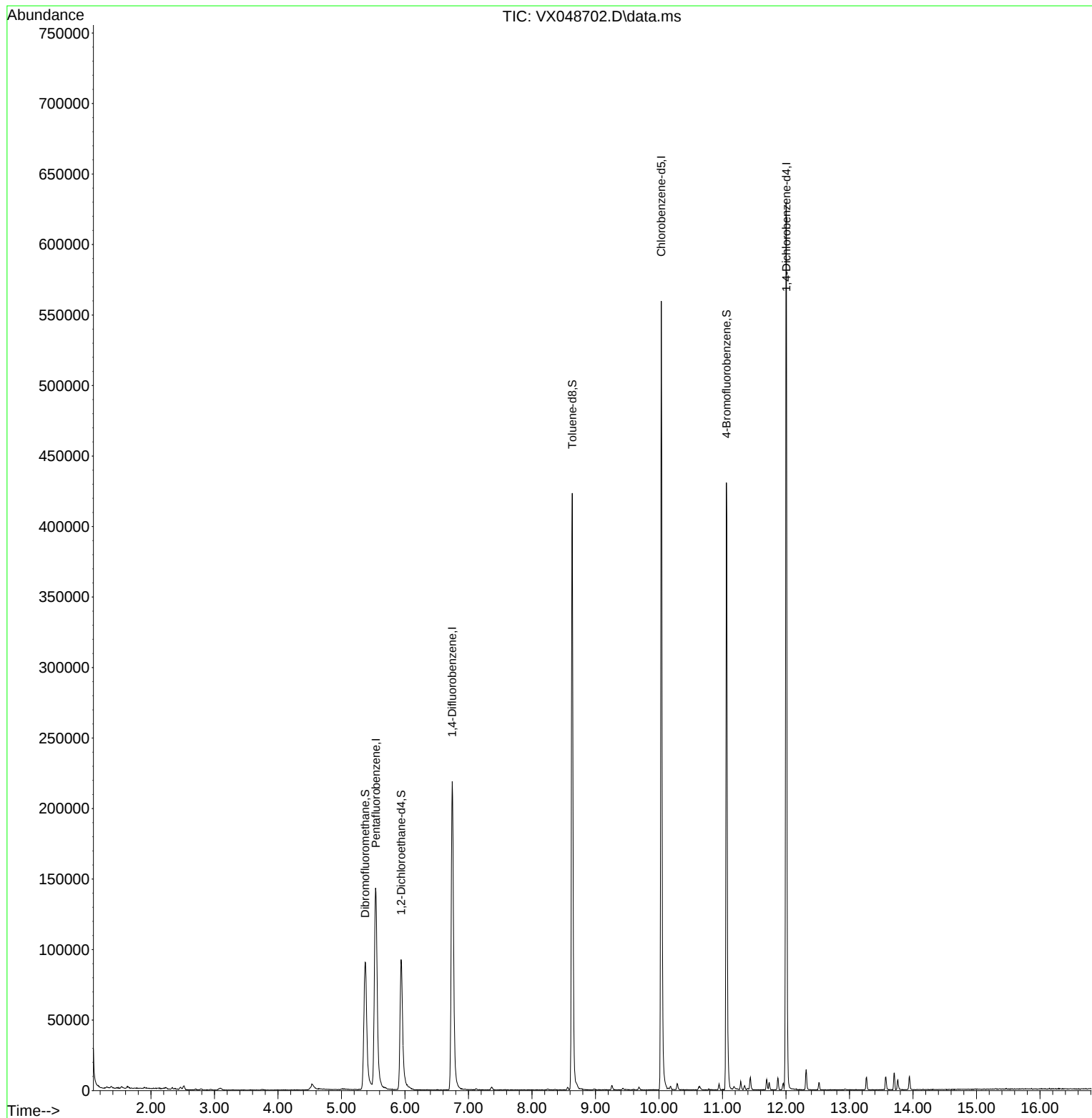
Target Compounds	Qvalue

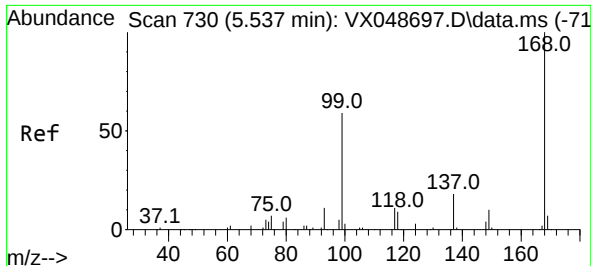
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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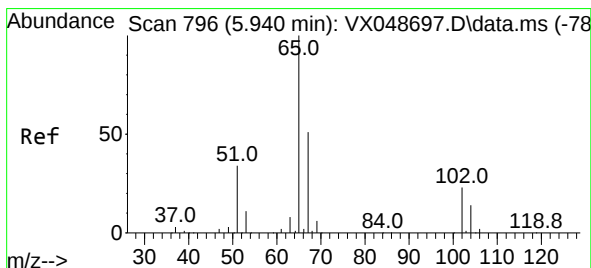
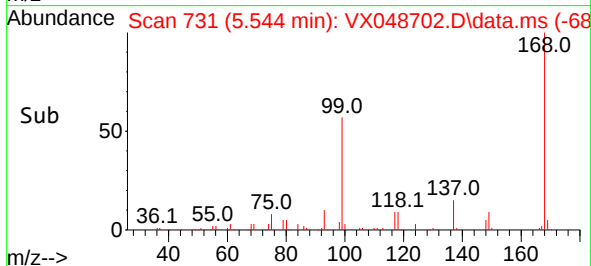
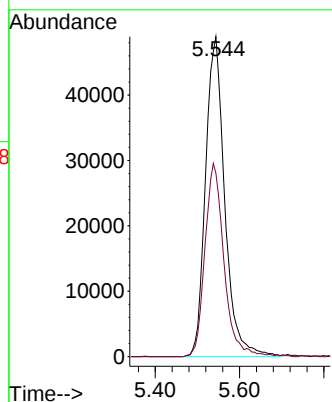
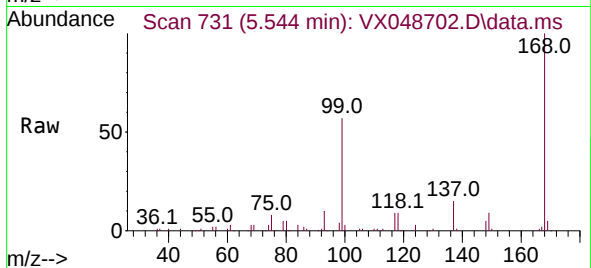




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX048702.D
Acq: 03 Dec 2025 13:47

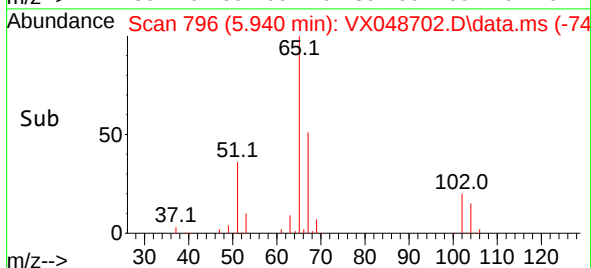
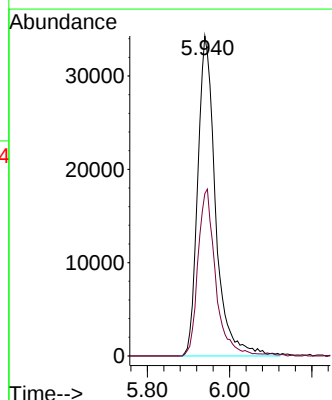
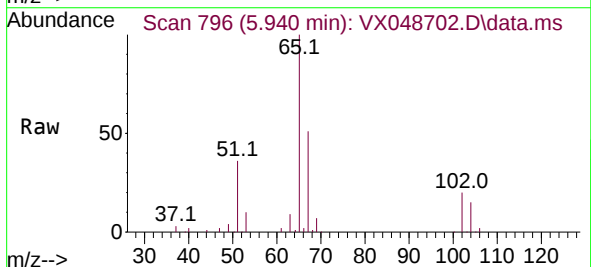
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBL01

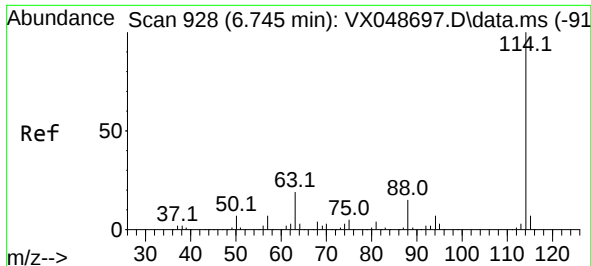
Tgt Ion:168 Resp: 154362
Ion Ratio Lower Upper
168 100
99 57.3 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 49.514 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048702.D
Acq: 03 Dec 2025 13:47

Tgt Ion: 65 Resp: 103192
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0

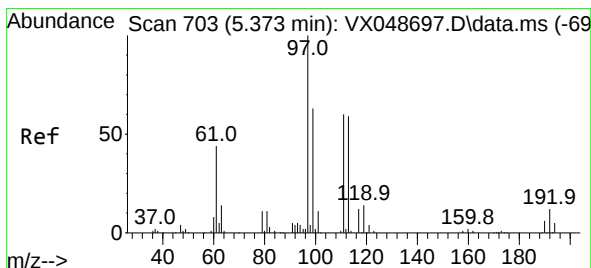
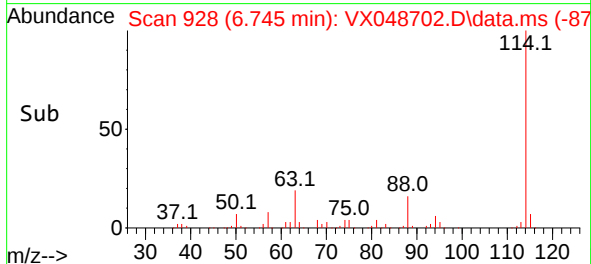
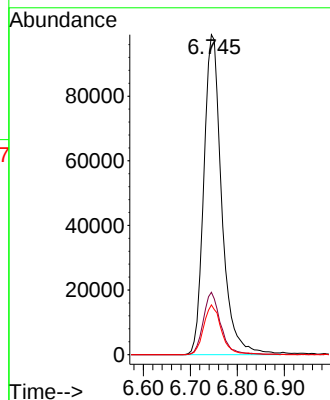
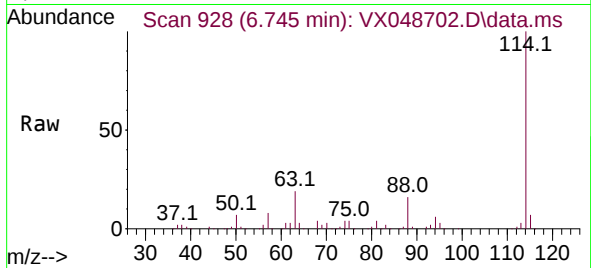




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048702.D
Acq: 03 Dec 2025 13:47

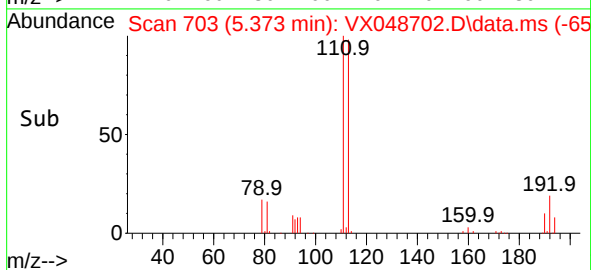
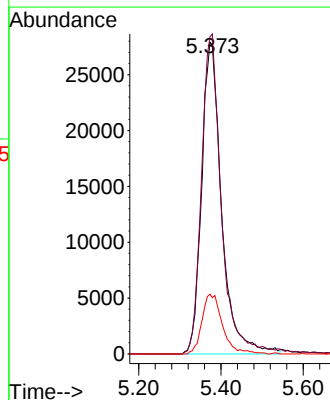
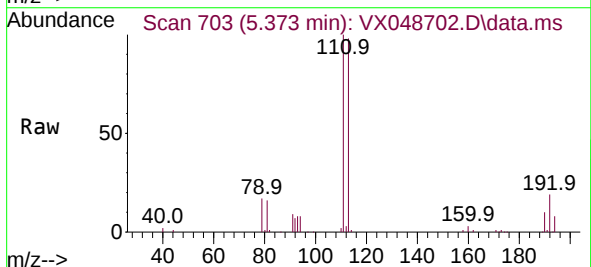
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBL01

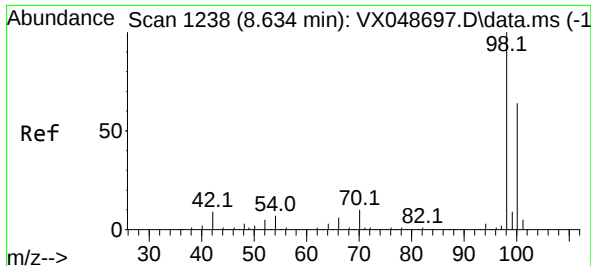
Tgt Ion:114 Resp: 262298
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.0
88 15.5 0.0 31.0



#35
Dibromofluoromethane
Concen: 52.723 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048702.D
Acq: 03 Dec 2025 13:47

Tgt Ion:113 Resp: 94260
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.6 15.5 23.3

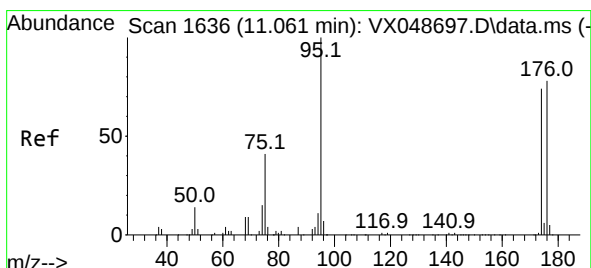
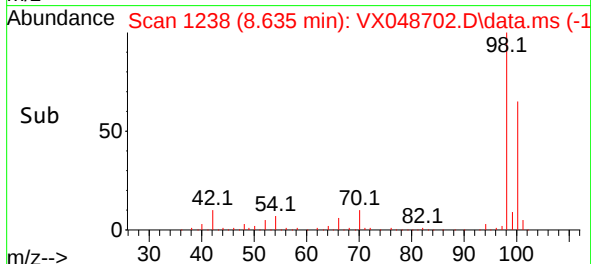
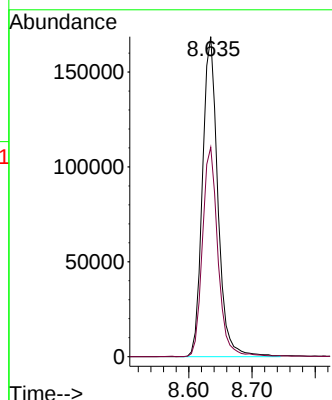
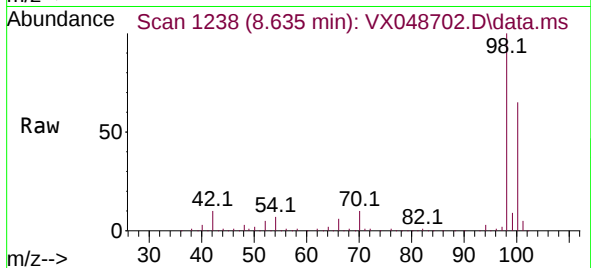




#50
Toluene-d8
Concen: 46.230 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048702.D
Acq: 03 Dec 2025 13:47

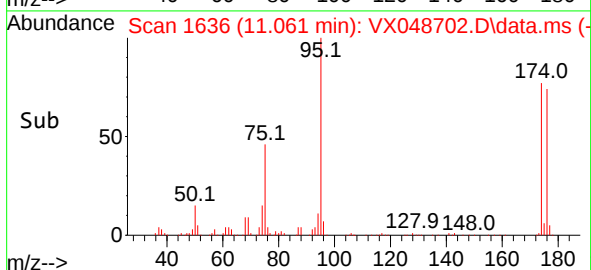
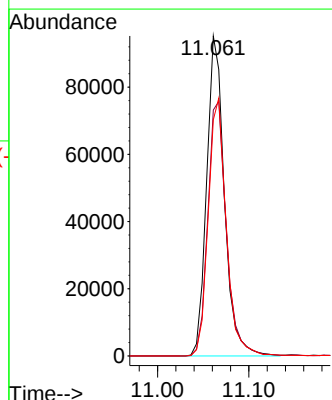
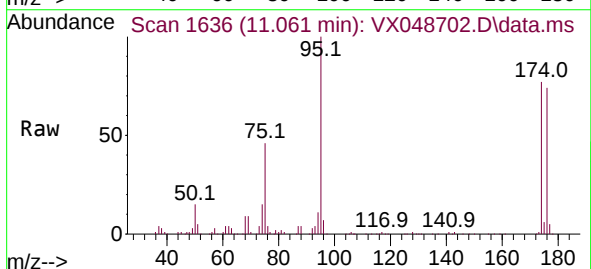
Instrument :
MSVOA_X
ClientSampleId :
VX1203MBL01

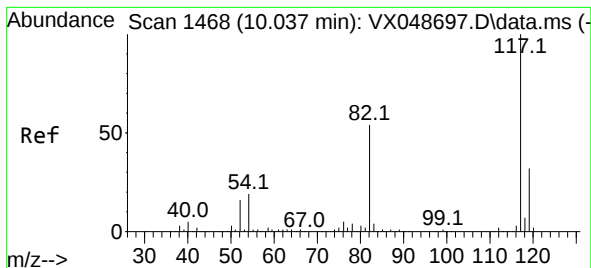
Tgt Ion: 98 Resp: 283427
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 57.230 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048702.D
Acq: 03 Dec 2025 13:47

Tgt Ion: 95 Resp: 128765
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.6
176 82.0 0.0 163.0

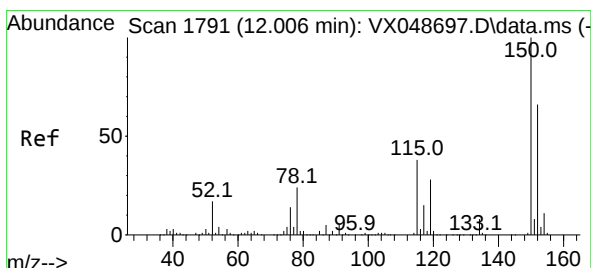
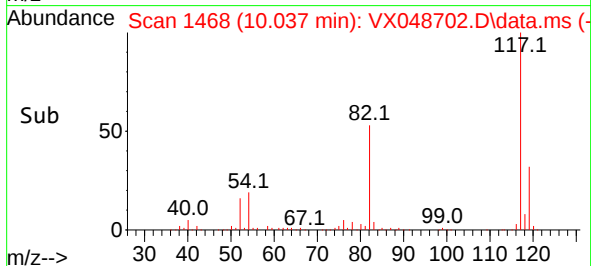
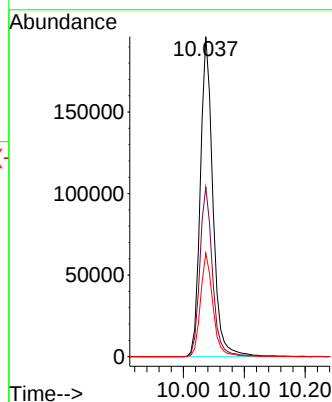
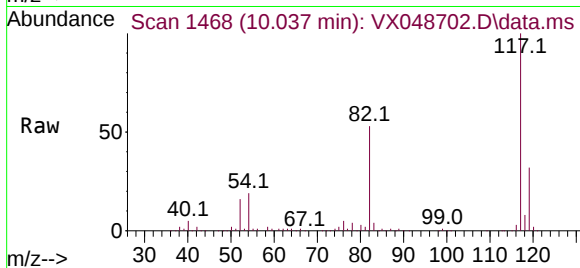




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048702.D
Acq: 03 Dec 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1203MBL01

Tgt Ion:117 Resp: 280869
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 32.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048702.D
Acq: 03 Dec 2025 13:47

Tgt Ion:152 Resp: 151726
Ion Ratio Lower Upper
152 100
115 58.1 39.6 119.0
150 158.2 0.0 345.4

