

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048624.D
 Acq On : 20 Nov 2025 09:19
 Operator : JC/MD
 Sample : VX1120MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120MBL01

Quant Time: Nov 21 00:29:21 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	127806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	256738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	280320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	107119	60.150	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.300%#	
35) Dibromofluoromethane	5.367	113	93866	48.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.620%	
50) Toluene-d8	8.628	98	336635	55.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.100%	
62) 4-Bromofluorobenzene	11.061	95	142946	63.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 126.580%#	

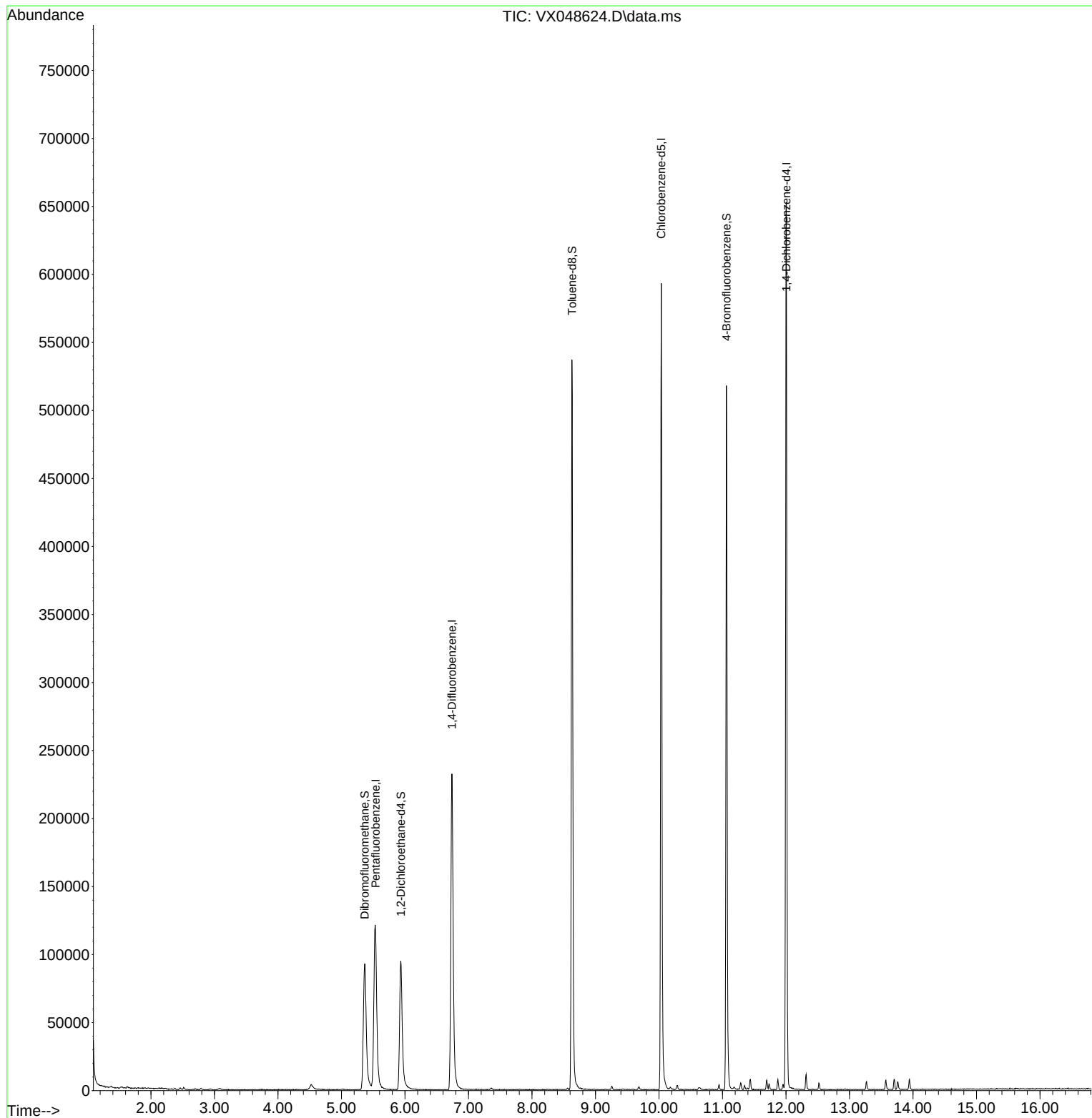
Target Compounds	Qvalue

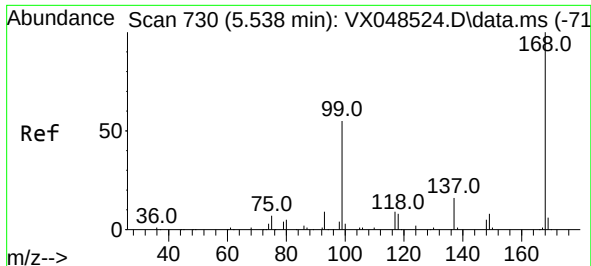
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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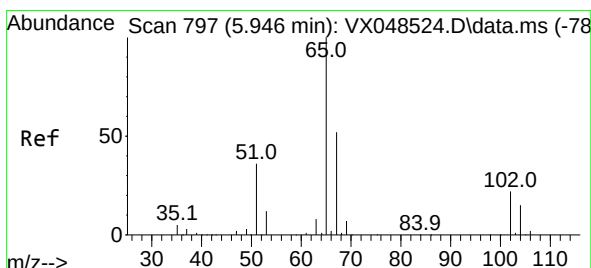
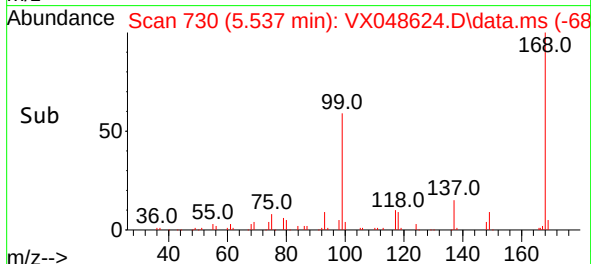
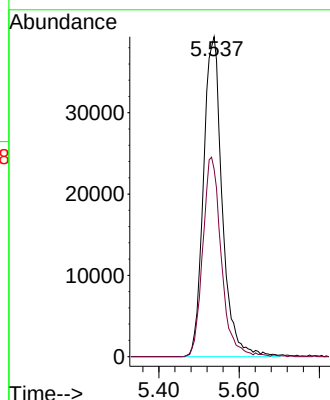
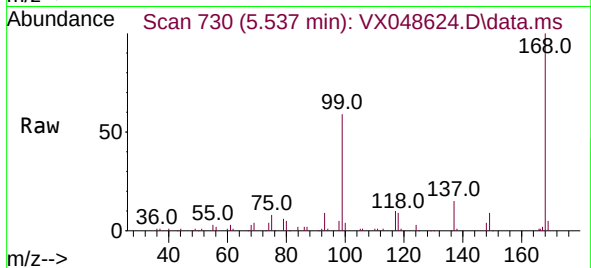




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.001 min
Lab File: VX048624.D
Acq: 20 Nov 2025 09:19

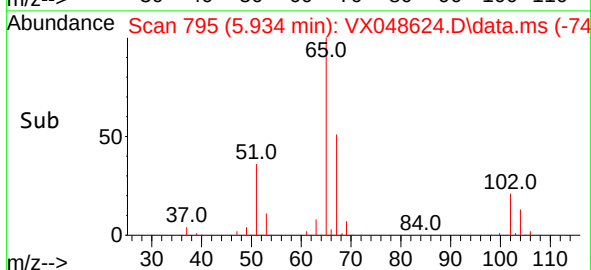
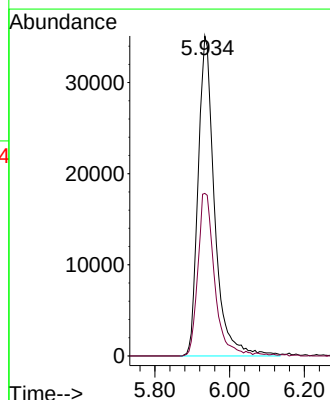
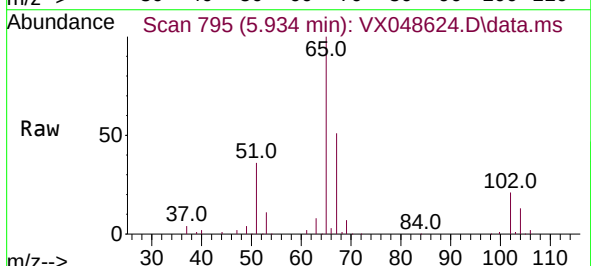
Instrument :
MSVOA_X
ClientSampleId :
VX1120MBL01

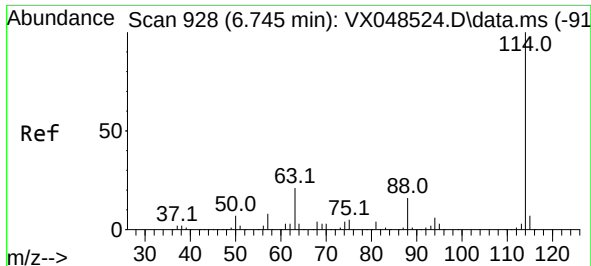
Tgt Ion:168 Resp: 127806
Ion Ratio Lower Upper
168 100
99 58.5 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 60.150 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048624.D
Acq: 20 Nov 2025 09:19

Tgt Ion: 65 Resp: 107119
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2

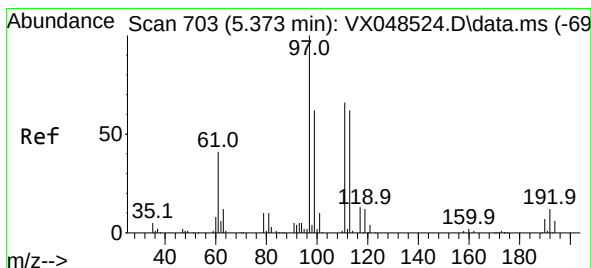
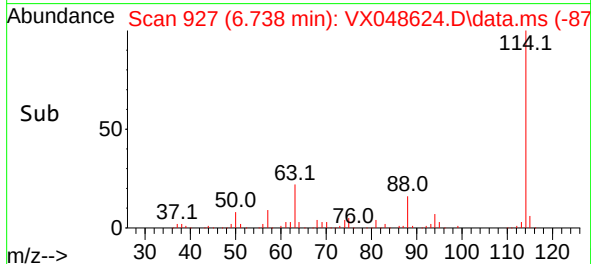
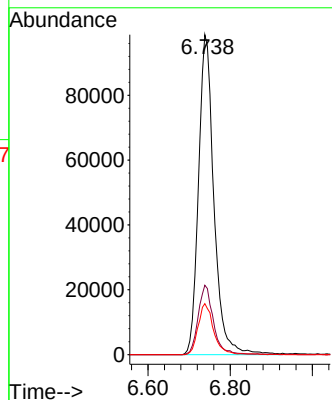
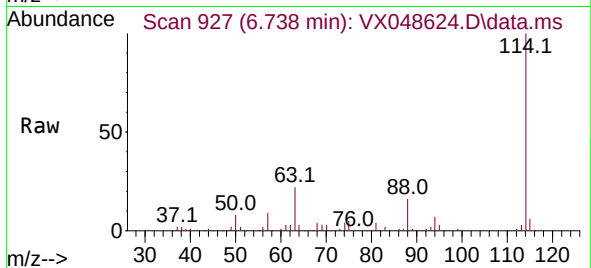




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048624.D
Acq: 20 Nov 2025 09:19

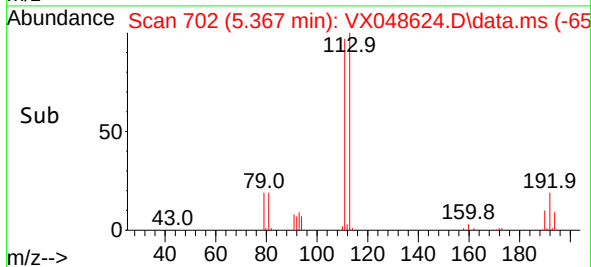
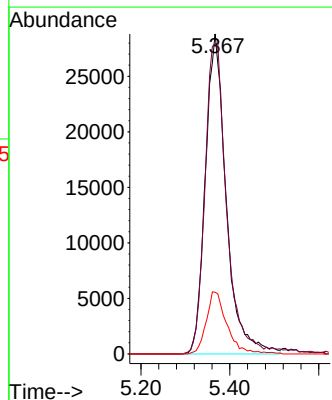
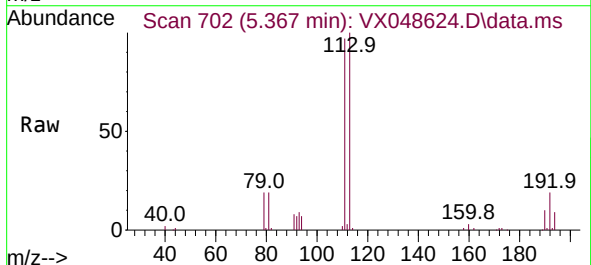
Instrument :
MSVOA_X
ClientSampleId :
VX1120MBL01

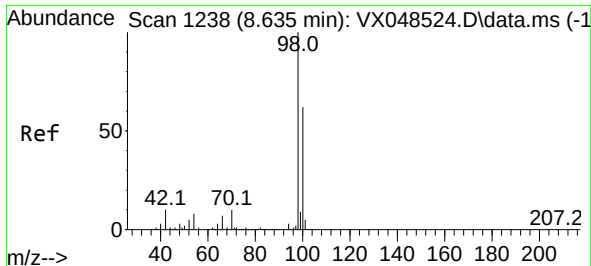
Tgt Ion:114 Resp: 256738
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.306 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048624.D
Acq: 20 Nov 2025 09:19

Tgt Ion:113 Resp: 93866
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.2 15.8 23.6

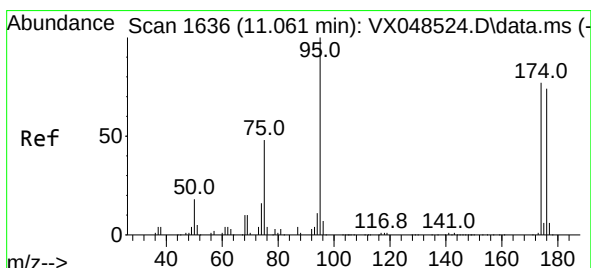
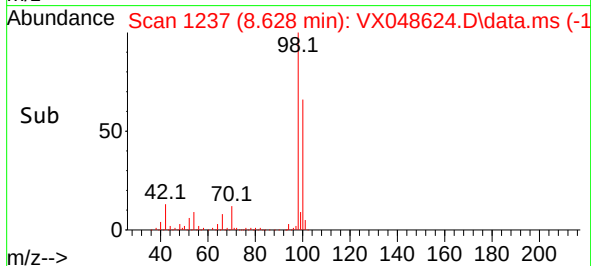
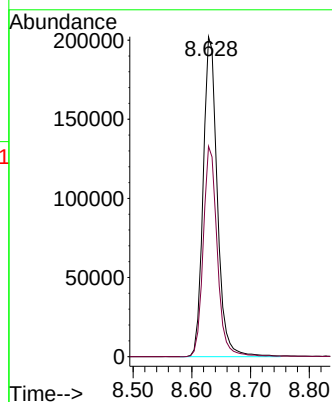
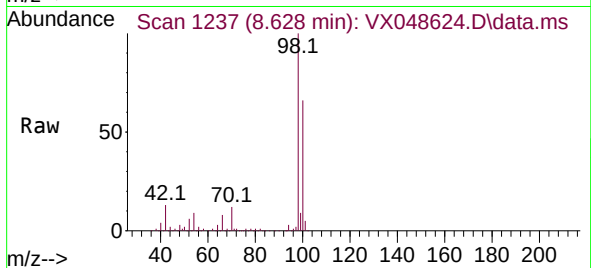




#50
Toluene-d8
Concen: 55.547 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048624.D
Acq: 20 Nov 2025 09:19

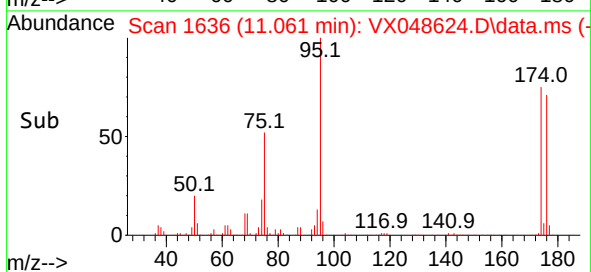
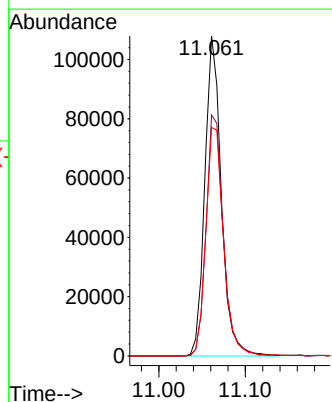
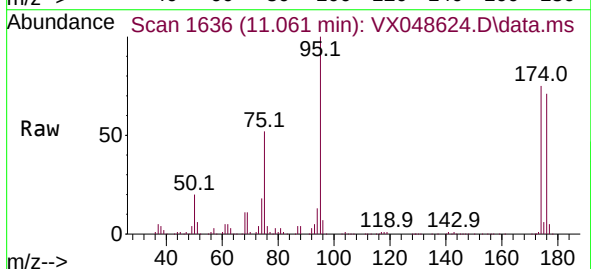
Instrument :
MSVOA_X
ClientSampleId :
VX1120MBL01

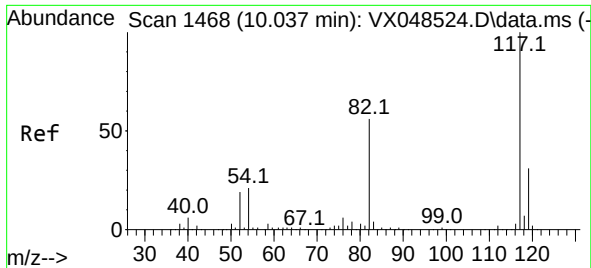
Tgt Ion: 98 Resp: 336635
Ion Ratio Lower Upper
98 100
100 65.1 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 63.292 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048624.D
Acq: 20 Nov 2025 09:19

Tgt Ion: 95 Resp: 142946
Ion Ratio Lower Upper
95 100
174 78.8 0.0 161.8
176 76.4 0.0 153.6

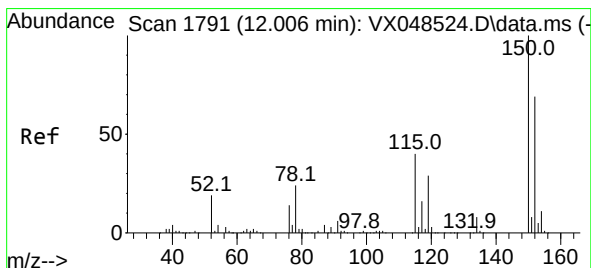
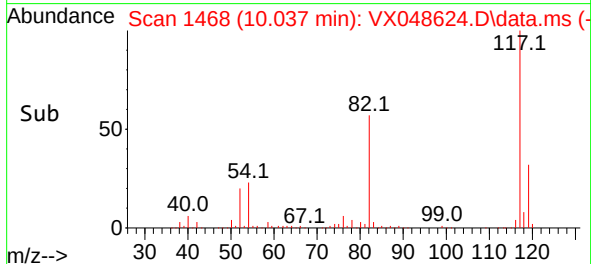
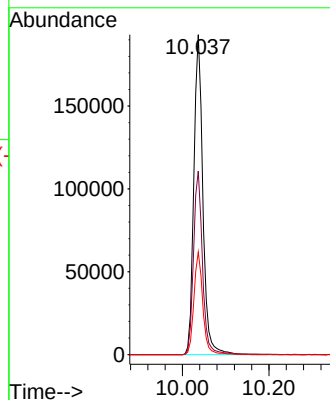
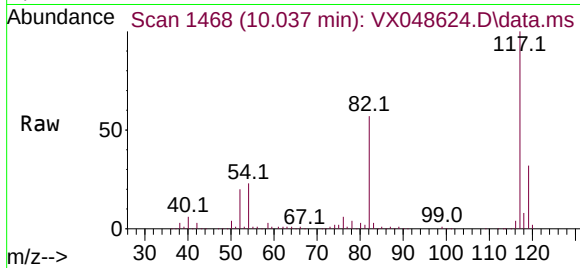




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048624.D
Acq: 20 Nov 2025 09:19

Instrument :
MSVOA_X
ClientSampleId :
VX1120MBL01

Tgt Ion:117 Resp: 280320
Ion Ratio Lower Upper
117 100
82 57.4 44.4 66.6
119 32.1 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: VX048624.D
Acq: 20 Nov 2025 09:19

Tgt Ion:152 Resp: 147900
Ion Ratio Lower Upper
152 100
115 59.0 39.2 117.6
150 157.3 0.0 347.0

