

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111725\
 Data File : VX048614.D
 Acq On : 17 Nov 2025 12:00
 Operator : JC/MD
 Sample : VX1117MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBL01

Quant Time: Nov 17 12:18:59 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	134609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	311067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	100018	53.324	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.640%	
35) Dibromofluoromethane	5.367	113	86939	36.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 73.860%#	
50) Toluene-d8	8.629	98	305411	41.593	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 83.180%#	
62) 4-Bromofluorobenzene	11.061	95	127899	46.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.480%	

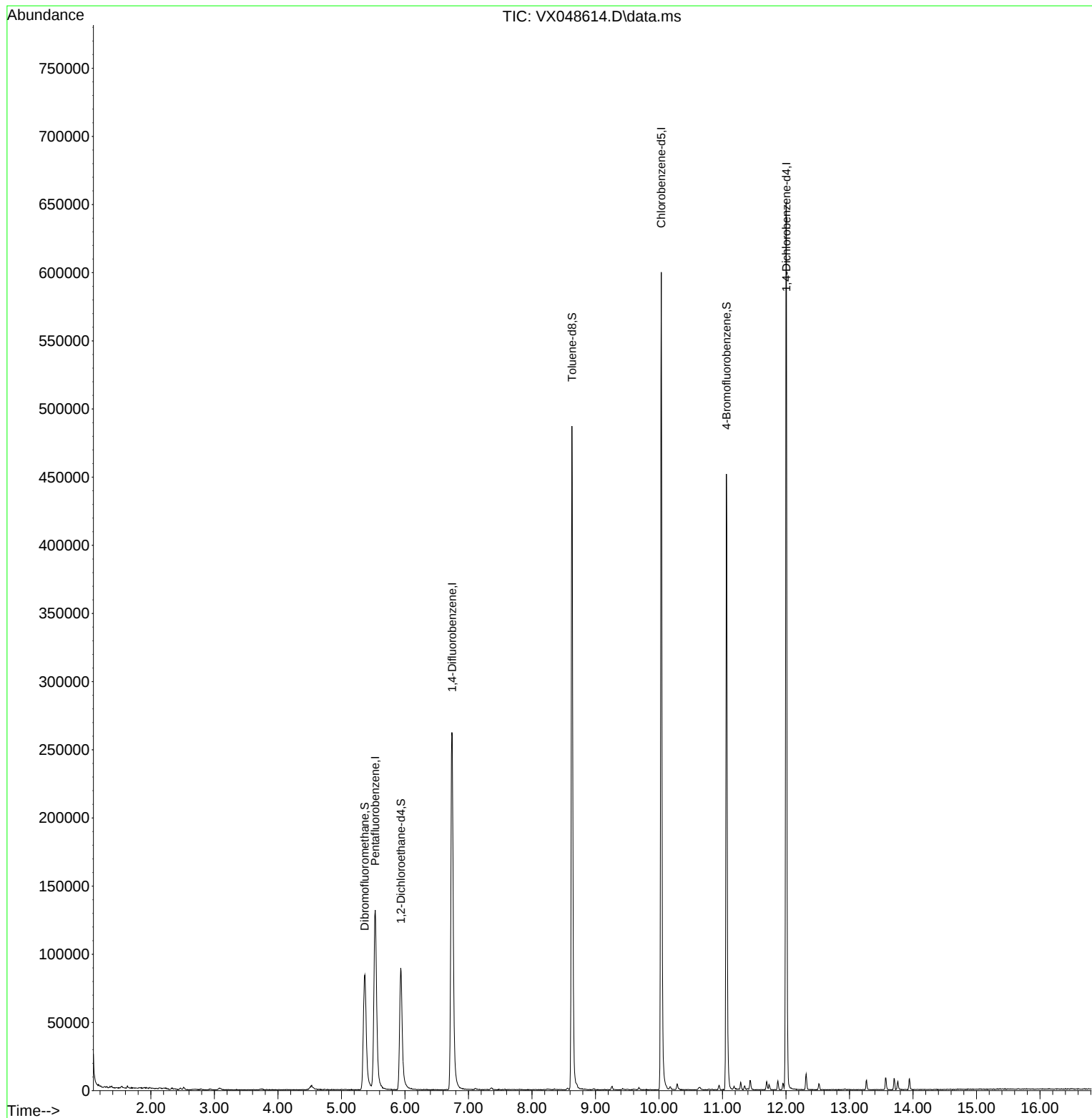
Target Compounds Qvalue

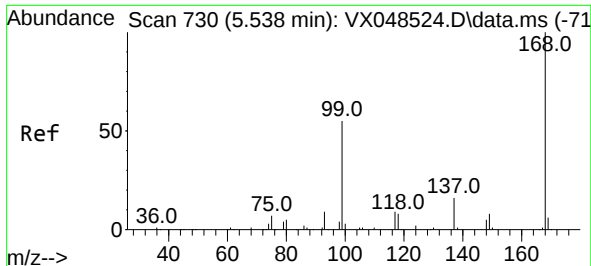
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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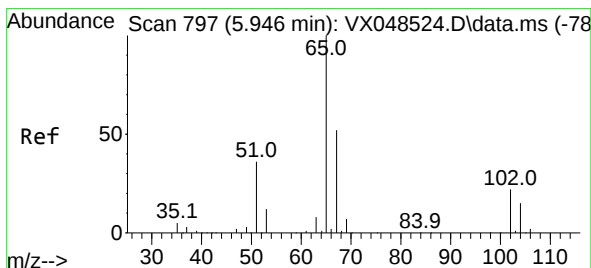
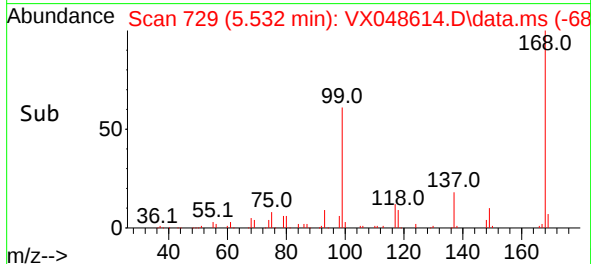
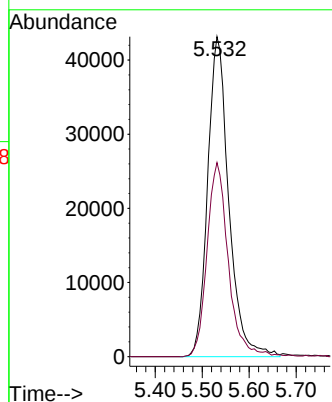
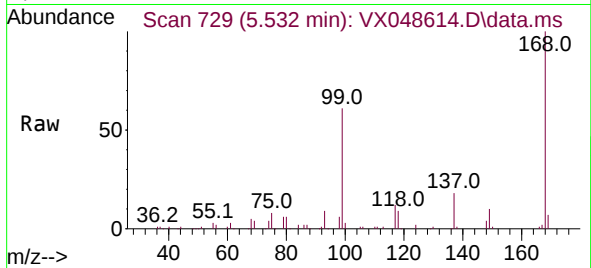




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048614.D
Acq: 17 Nov 2025 12:00

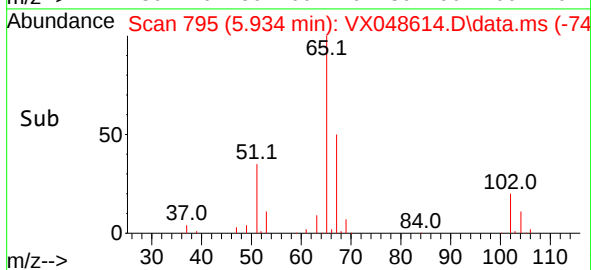
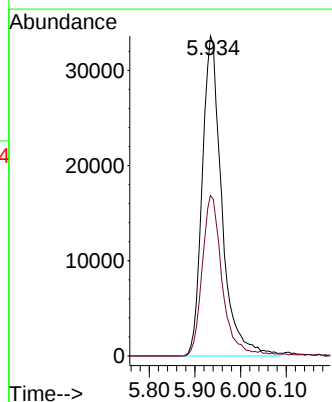
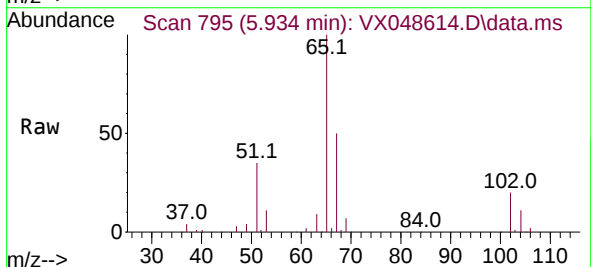
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBL01

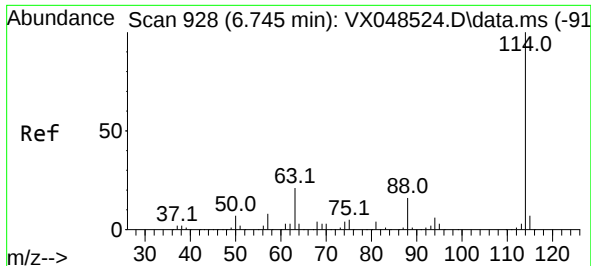
Tgt Ion:168 Resp: 134609
Ion Ratio Lower Upper
168 100
99 60.6 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 53.324 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048614.D
Acq: 17 Nov 2025 12:00

Tgt Ion: 65 Resp: 100018
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.2

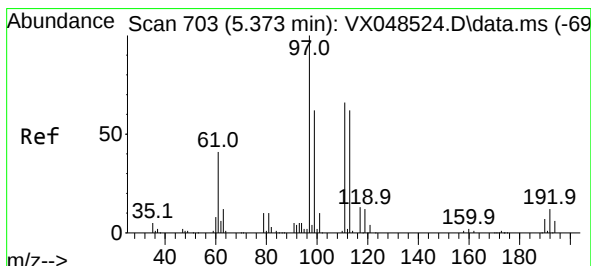
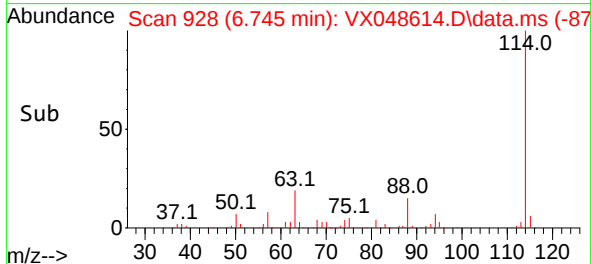
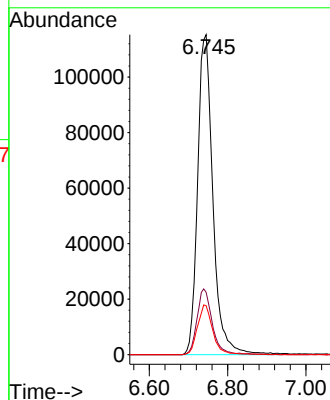
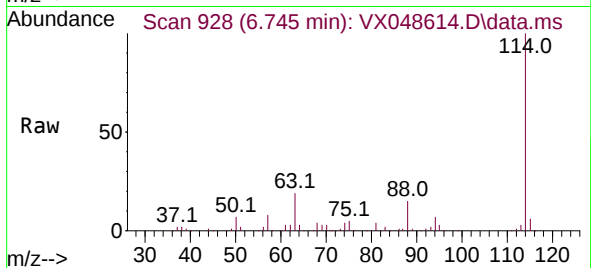




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048614.D
Acq: 17 Nov 2025 12:00

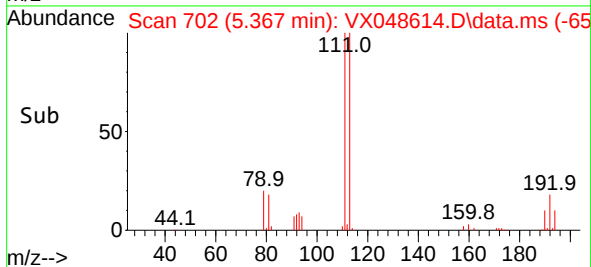
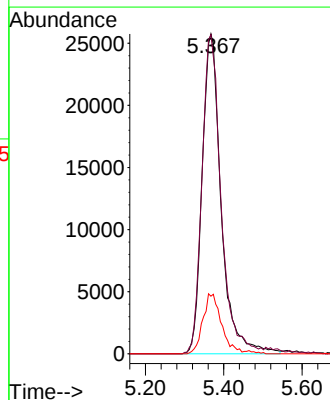
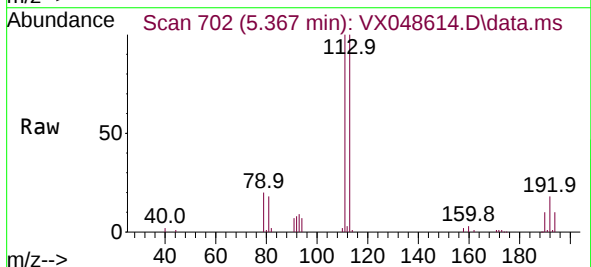
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBL01

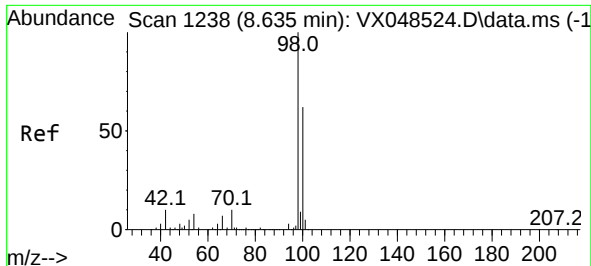
Tgt Ion:114 Resp: 311067
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.2
88 15.3 0.0 32.2



#35
Dibromofluoromethane
Concen: 36.927 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048614.D
Acq: 17 Nov 2025 12:00

Tgt Ion:113 Resp: 86939
Ion Ratio Lower Upper
113 100
111 99.7 81.9 122.9
192 18.4 15.8 23.6

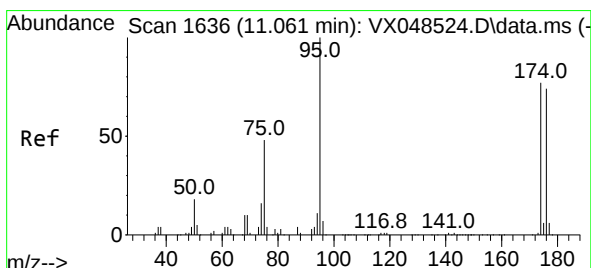
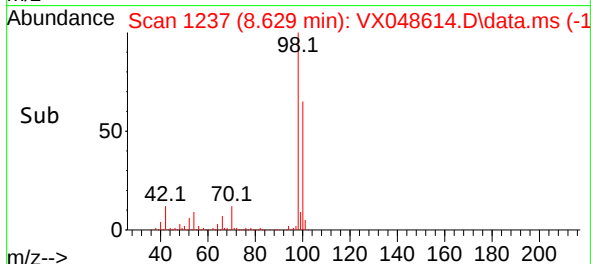
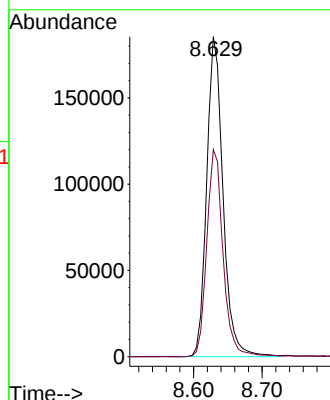
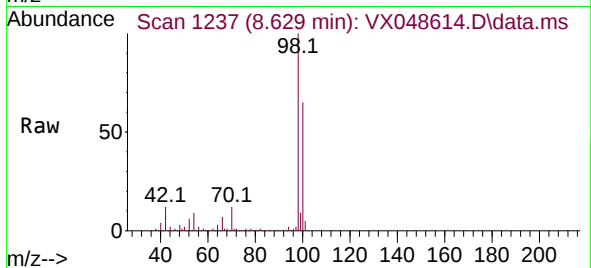




#50
Toluene-d8
Concen: 41.593 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048614.D
Acq: 17 Nov 2025 12:00

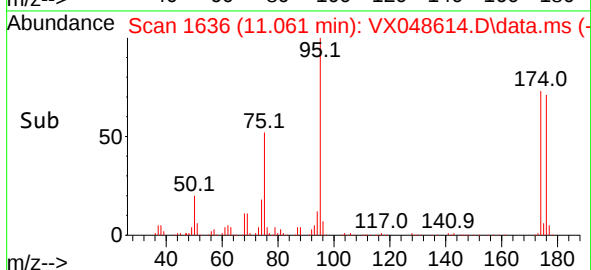
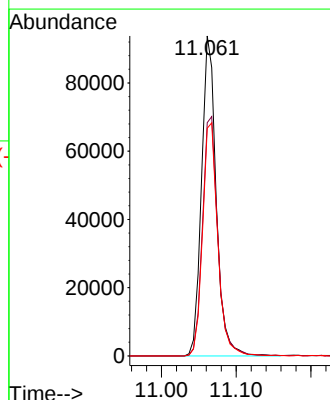
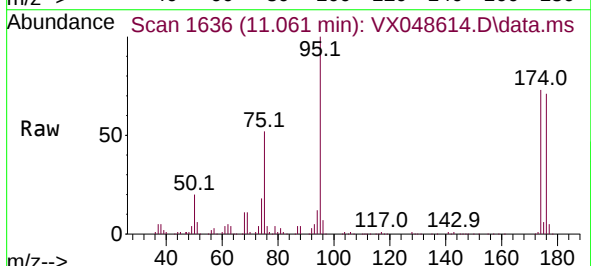
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBL01

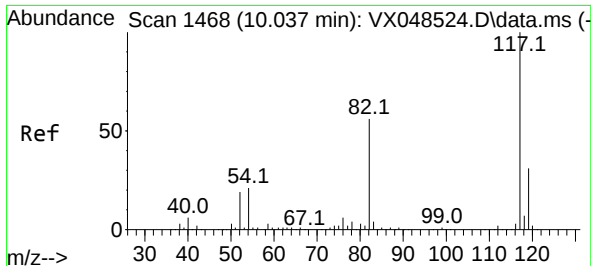
Tgt Ion: 98 Resp: 305411
Ion Ratio Lower Upper
98 100
100 64.7 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.739 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048614.D
Acq: 17 Nov 2025 12:00

Tgt Ion: 95 Resp: 127899
Ion Ratio Lower Upper
95 100
174 78.4 0.0 161.8
176 75.4 0.0 153.6

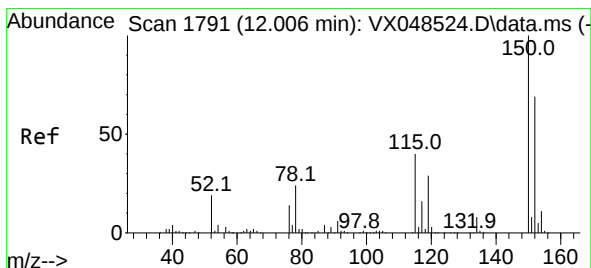
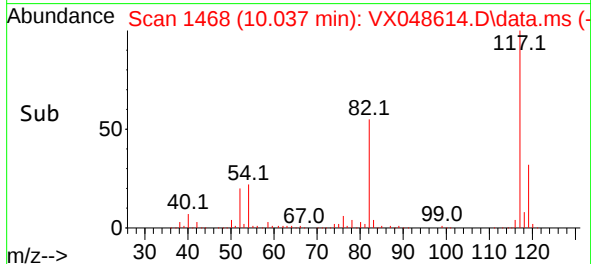
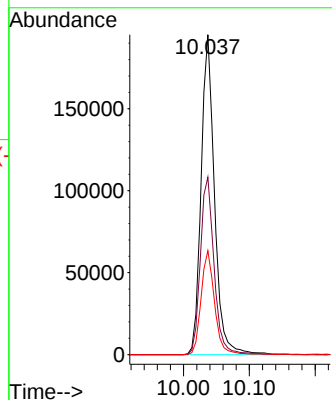
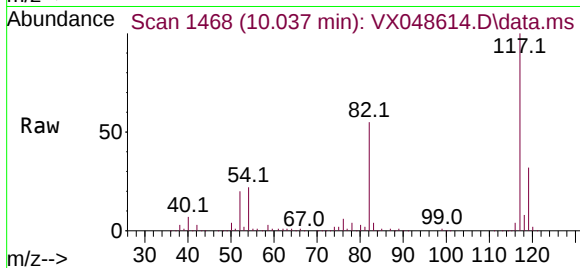




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048614.D
Acq: 17 Nov 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBL01

Tgt Ion:117 Resp: 276570
Ion Ratio Lower Upper
117 100
82 55.5 44.4 66.6
119 32.5 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: VX048614.D
Acq: 17 Nov 2025 12:00

Tgt Ion:152 Resp: 145460
Ion Ratio Lower Upper
152 100
115 58.3 39.2 117.6
150 154.5 0.0 347.0

