

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048312.D
 Acq On : 23 Oct 2025 10:07
 Operator : JC/MD
 Sample : VX1023WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL01

Quant Time: Oct 24 05:39:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	135150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	281729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112087	59.152	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.300%#	
35) Dibromofluoromethane	5.379	113	75448	40.198	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 80.400%	
50) Toluene-d8	8.635	98	312816	47.549	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.100%	
62) 4-Bromofluorobenzene	11.061	95	134411	53.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.400%	

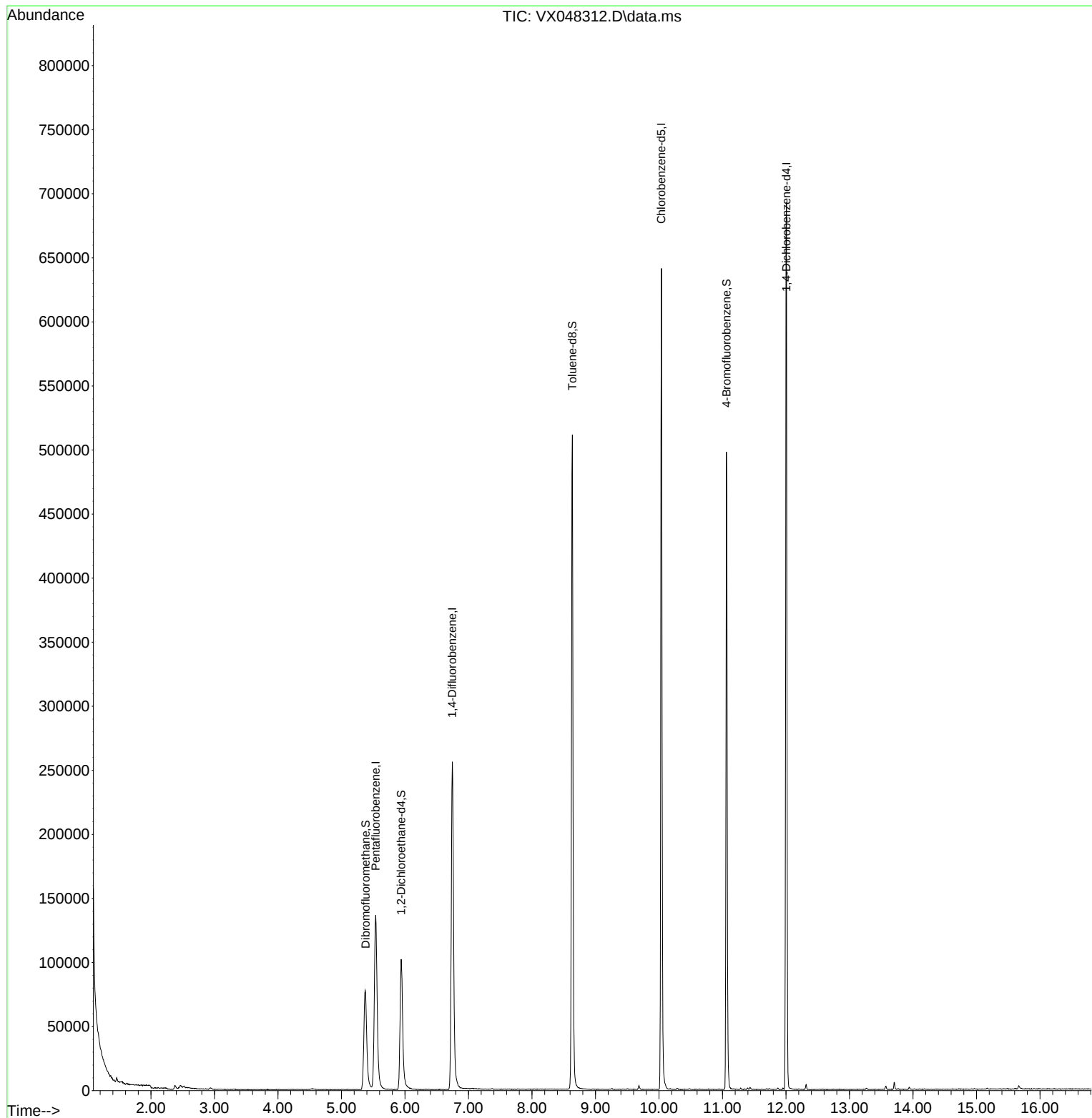
Target Compounds	Qvalue

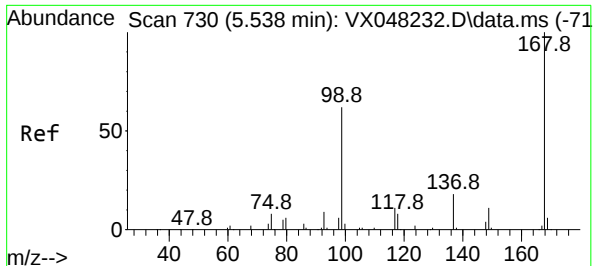
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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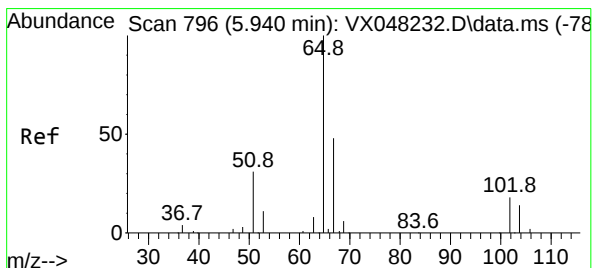
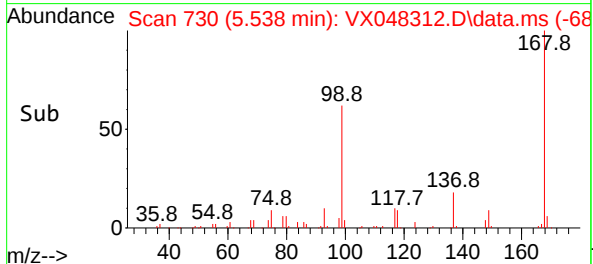
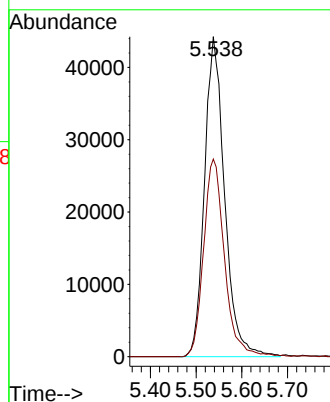
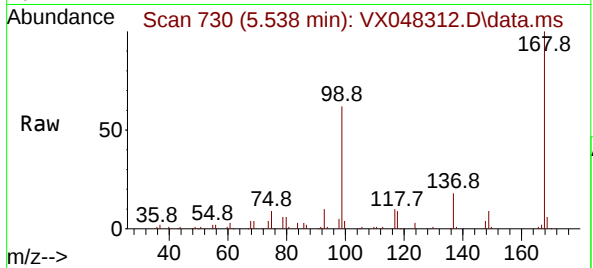




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.006 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

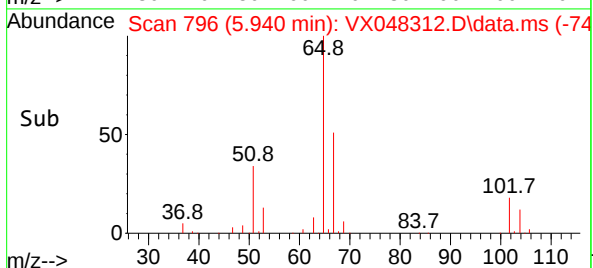
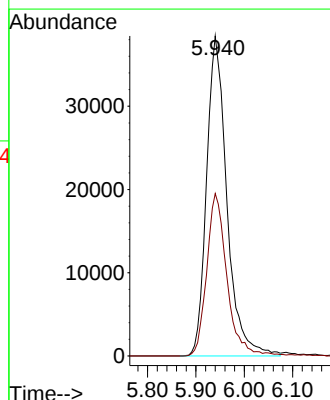
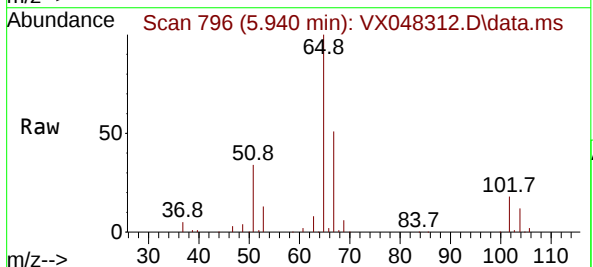
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

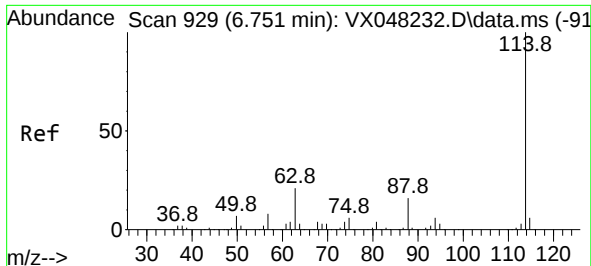
Tgt Ion:168 Resp: 135150
Ion Ratio Lower Upper
168 100
99 61.7 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 59.152 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Tgt Ion: 65 Resp: 112087
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.0

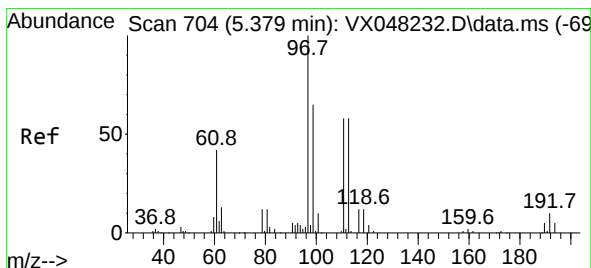
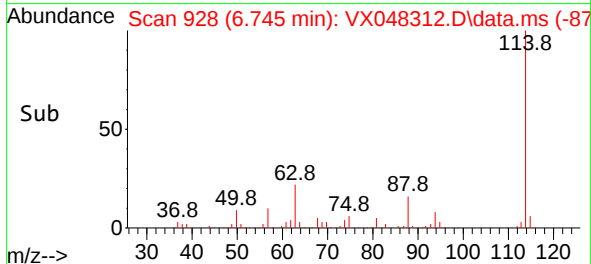
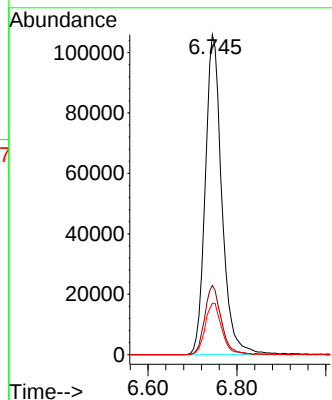
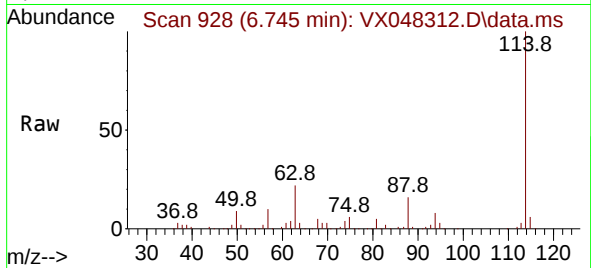




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 912
Delta R.T. -0.000 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

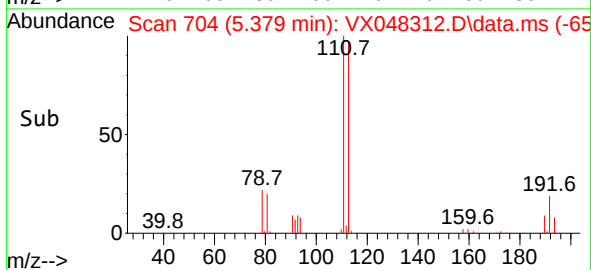
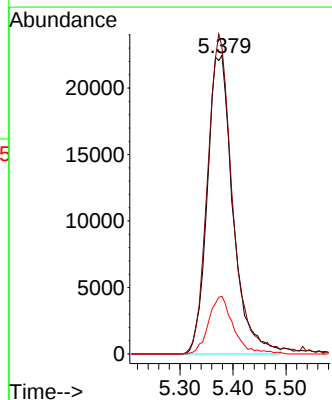
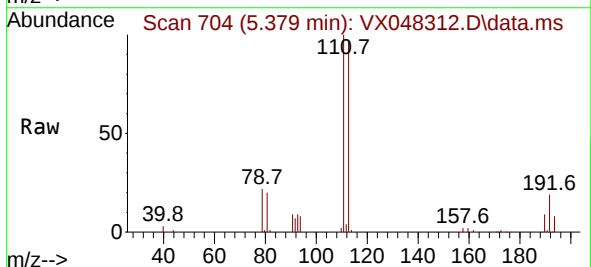
Instrument :
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ClientSampleId :
VX1023WBL01

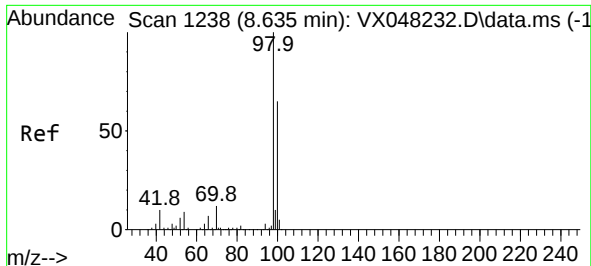
Tgt Ion:114 Resp: 274929
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 40.198 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Tgt Ion:113 Resp: 75448
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 18.7 15.1 22.7

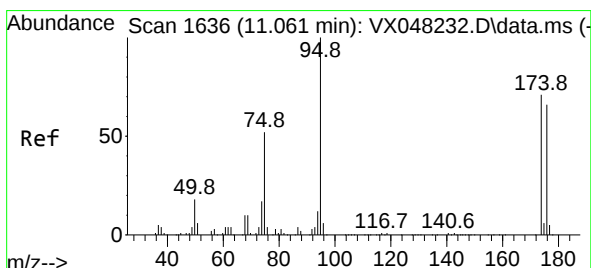
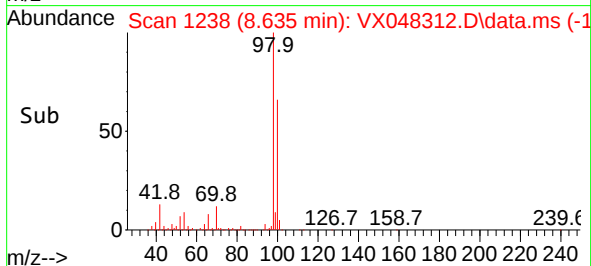
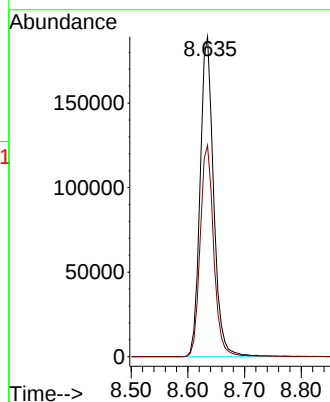
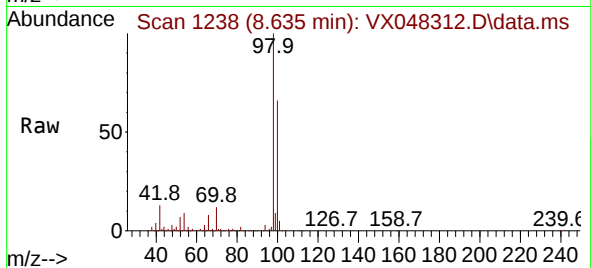




#50
Toluene-d8
Concen: 47.549 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

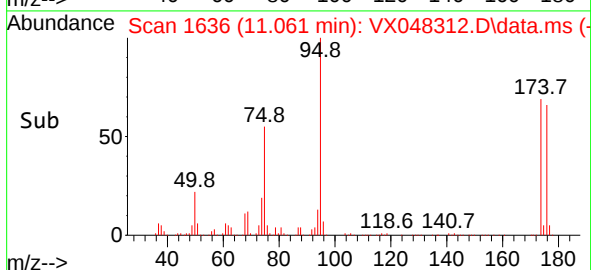
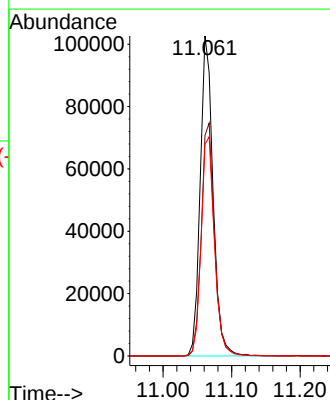
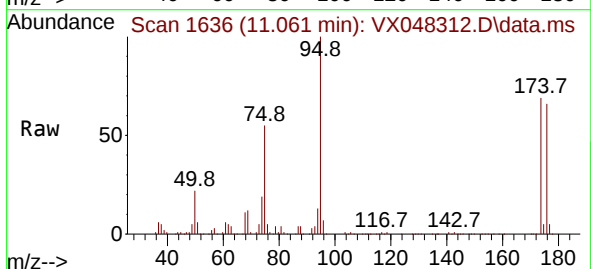
Instrument :
MSVOA_X
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VX1023WBL01

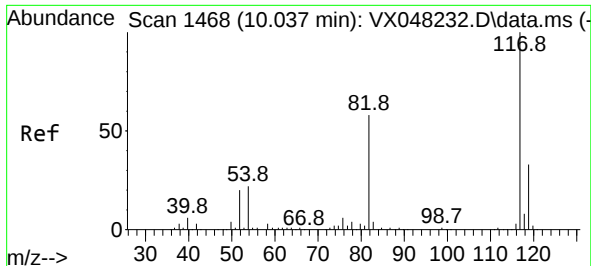
Tgt Ion: 98 Resp: 312816
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.705 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Tgt Ion: 95 Resp: 134411
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.8
176 70.7 0.0 142.8

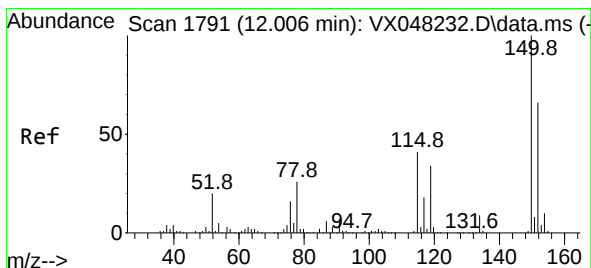
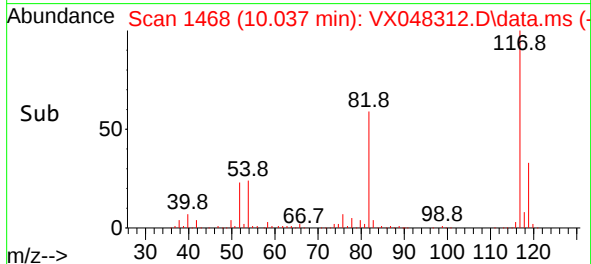
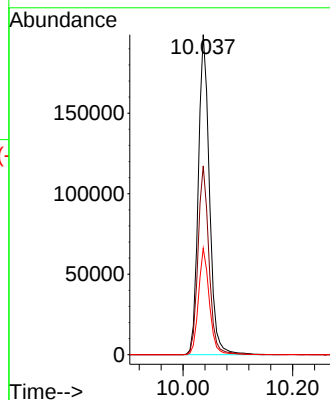
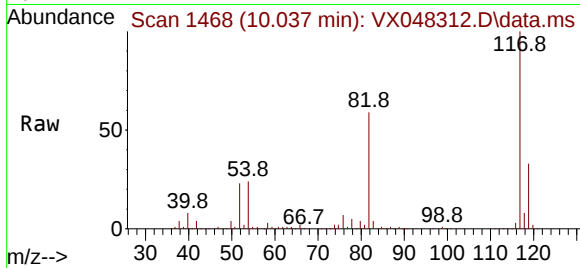




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

Tgt Ion:117 Resp: 281729
Ion Ratio Lower Upper
117 100
82 59.0 46.5 69.7
119 33.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Tgt Ion:152 Resp: 144428
Ion Ratio Lower Upper
152 100
115 62.3 43.1 129.4
150 158.0 0.0 353.0

