

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048258.D
 Acq On : 21 Oct 2025 11:15
 Operator : JC/MD
 Sample : Q3371-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-TB-20251010

Quant Time: Oct 24 04:25:53 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	5.544	168	104796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	206666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	215259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	77024	52.422	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.840%	
35) Dibromofluoromethane	5.373	113	66061	46.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.640%	
50) Toluene-d8	8.635	98	225480	45.594	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.180%#	
62) 4-Bromofluorobenzene	11.061	95	99785	53.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.080%	

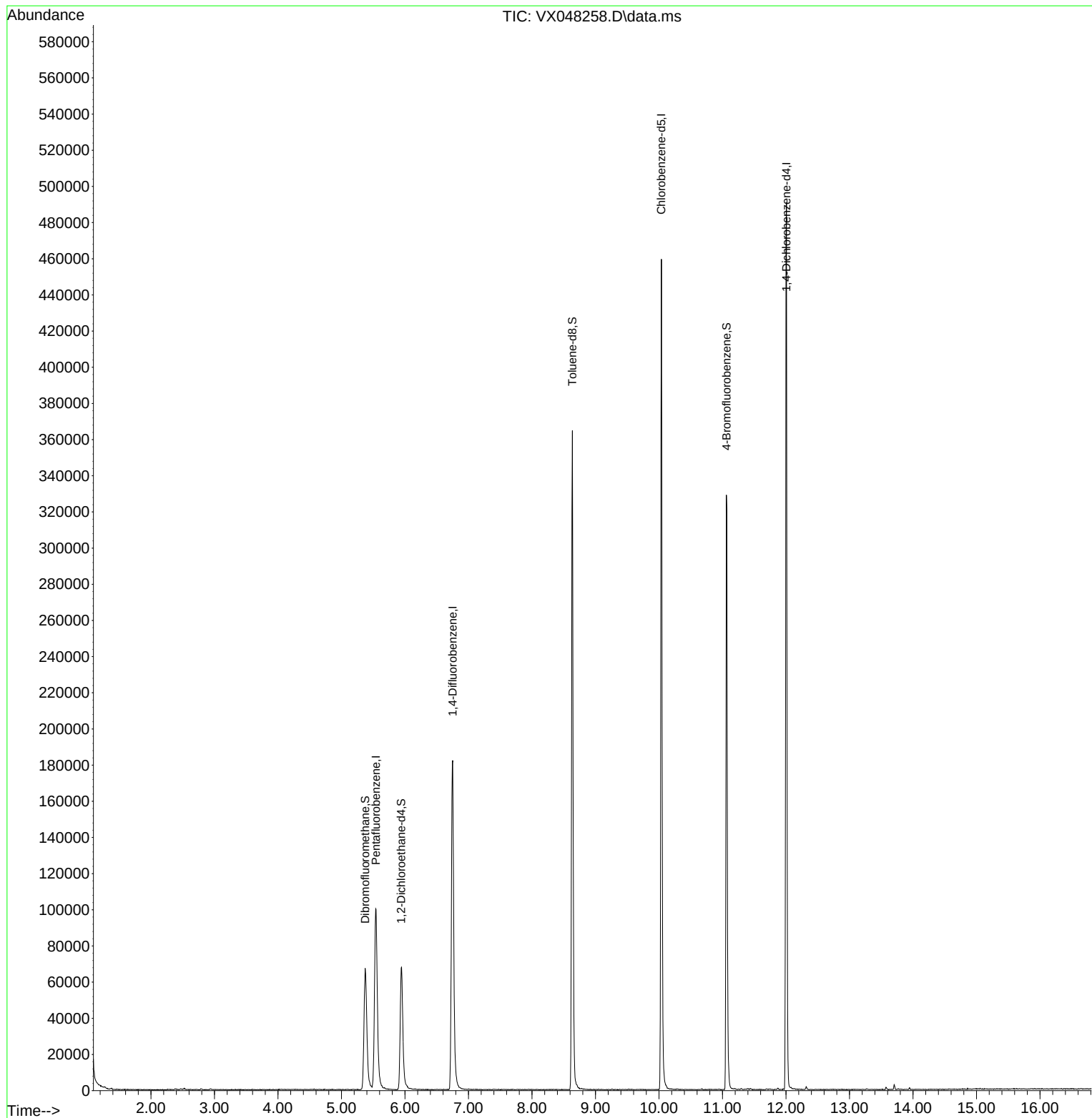
Target Compounds	Qvalue

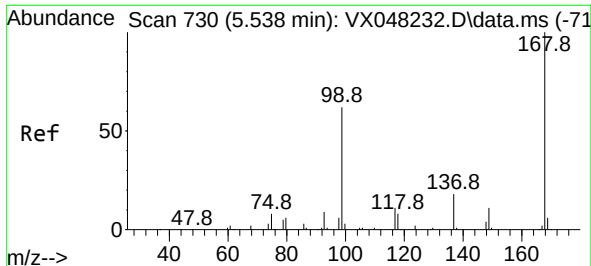
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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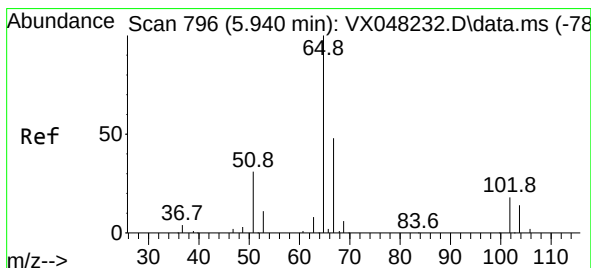
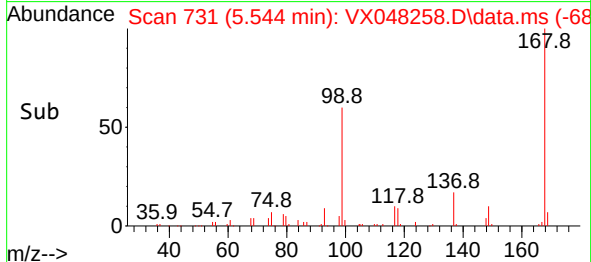
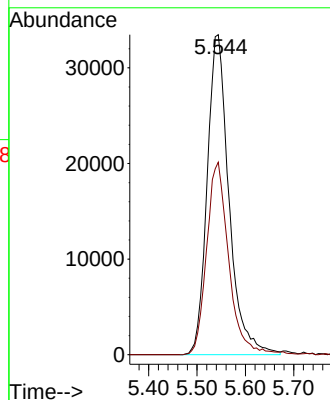
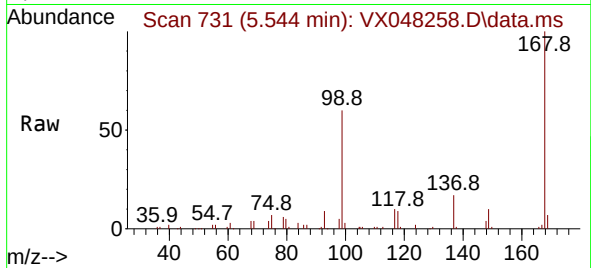




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048258.D
Acq: 21 Oct 2025 11:15

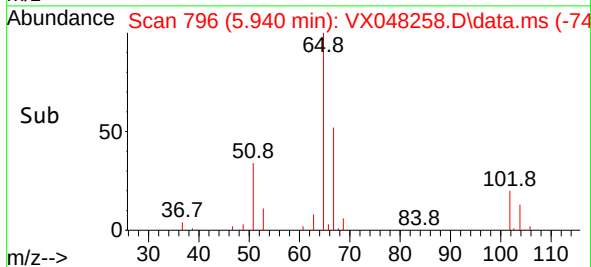
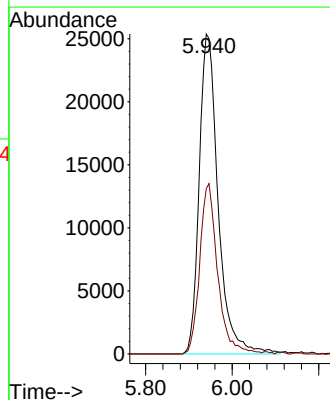
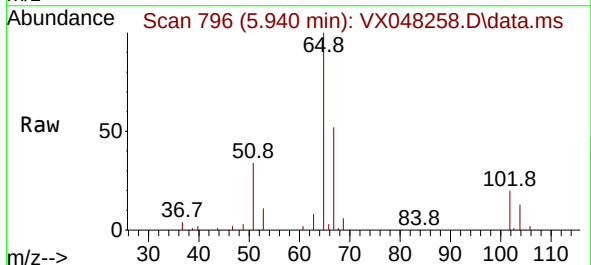
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251010

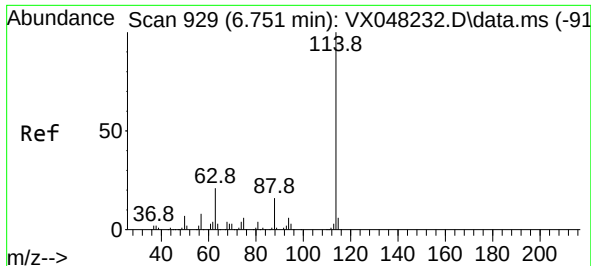
Tgt Ion:168 Resp: 104796
Ion Ratio Lower Upper
168 100
99 60.2 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 52.422 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048258.D
Acq: 21 Oct 2025 11:15

Tgt Ion: 65 Resp: 77024
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.0

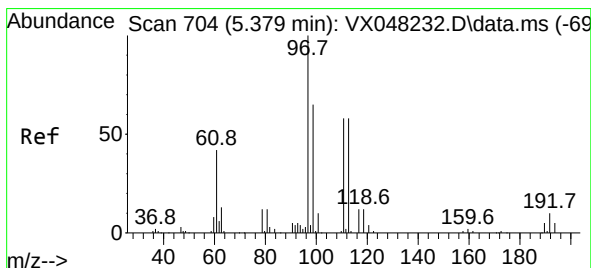
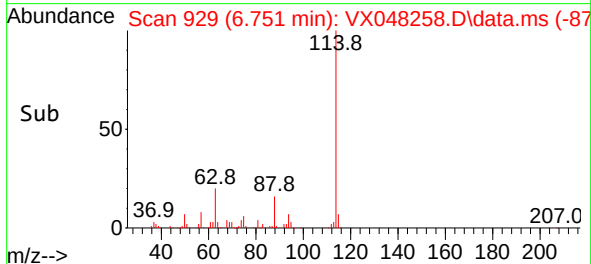
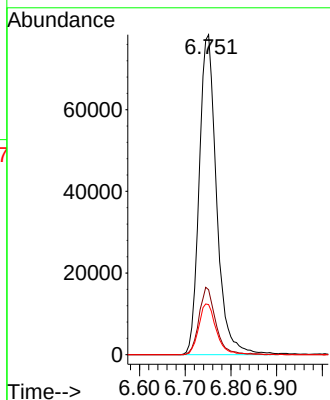
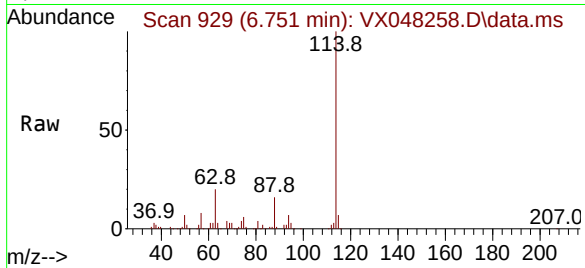




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048258.D
Acq: 21 Oct 2025 11:15

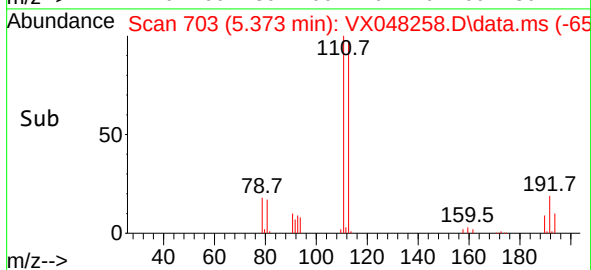
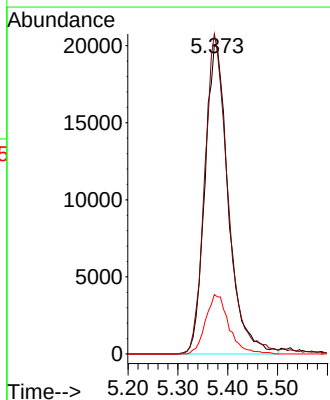
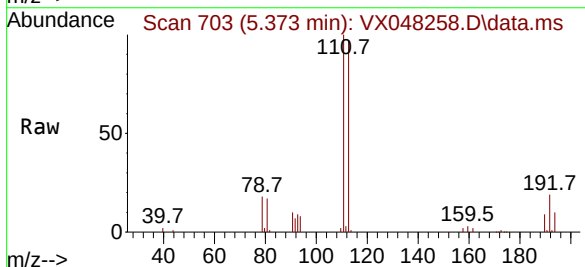
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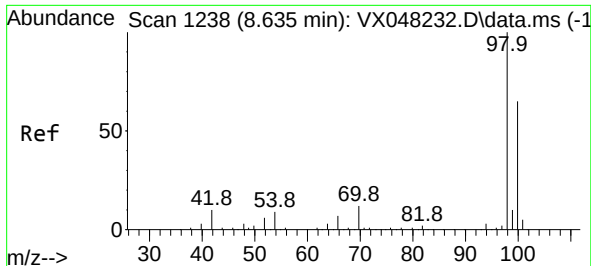
Tgt Ion:114 Resp: 206666
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 15.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 46.822 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048258.D
Acq: 21 Oct 2025 11:15

Tgt Ion:113 Resp: 66061
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 18.9 15.1 22.7

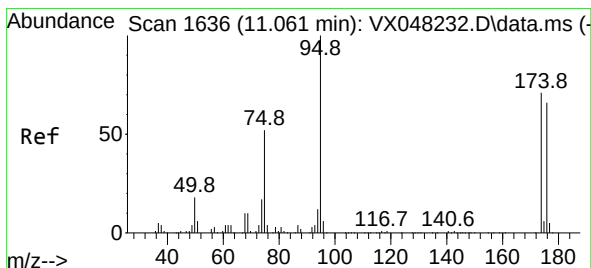
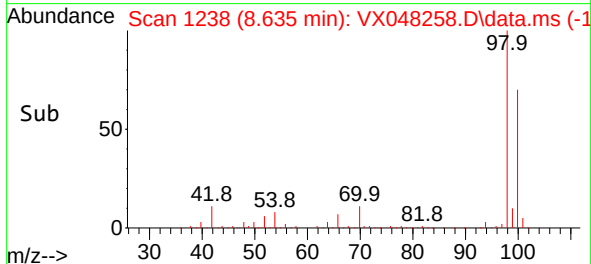
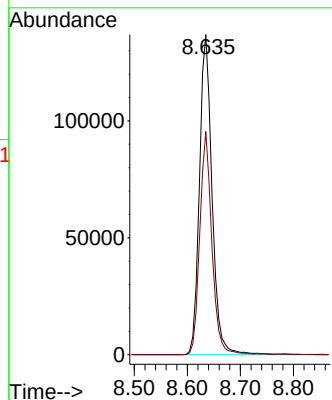
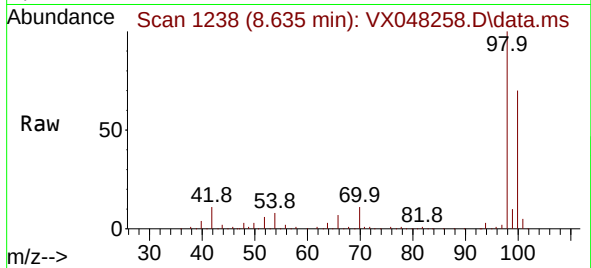




#50
Toluene-d8
Concen: 45.594 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048258.D
Acq: 21 Oct 2025 11:15

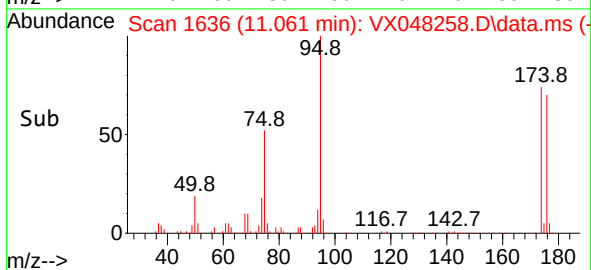
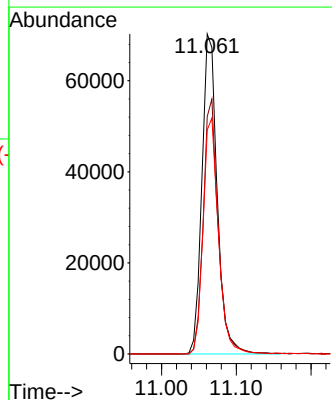
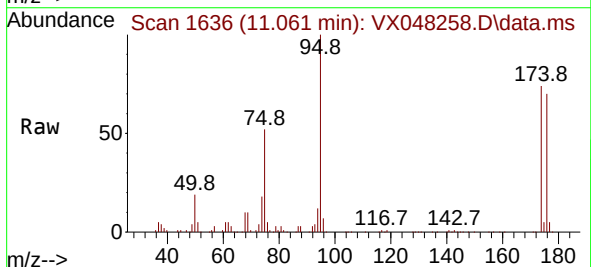
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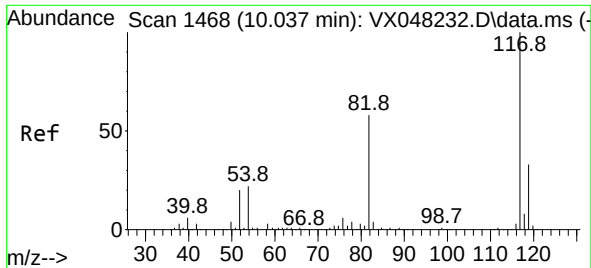
Tgt Ion: 98 Resp: 225480
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.039 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048258.D
Acq: 21 Oct 2025 11:15

Tgt Ion: 95 Resp: 99785
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.8
176 74.0 0.0 142.8

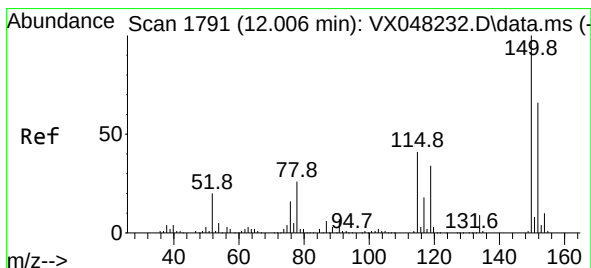
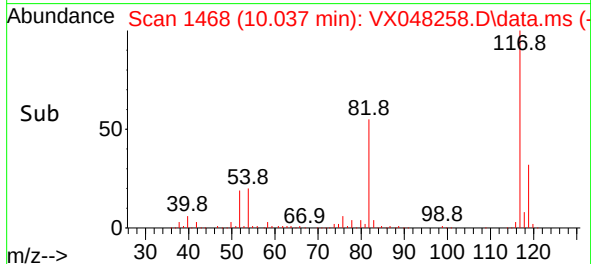
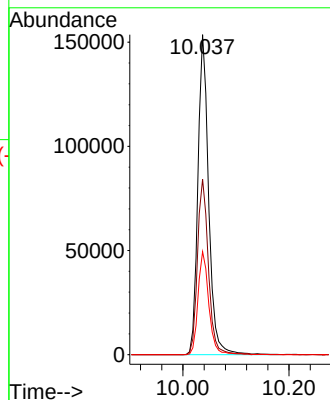
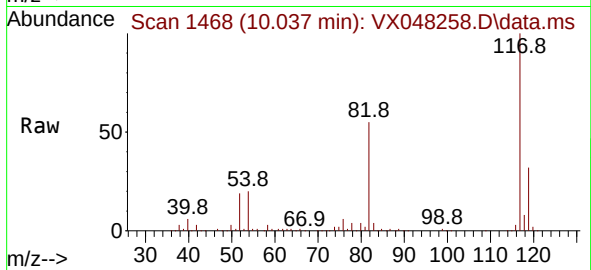




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048258.D
Acq: 21 Oct 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251010

Tgt Ion:117 Resp: 215259
Ion Ratio Lower Upper
117 100
82 54.8 46.5 69.7
119 32.2 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: VX048258.D
Acq: 21 Oct 2025 11:15

Tgt Ion:152 Resp: 110449
Ion Ratio Lower Upper
152 100
115 61.7 43.1 129.4
150 156.0 0.0 353.0

