

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048340.D
 Acq On : 24 Oct 2025 09:48
 Operator : JC/MD
 Sample : VX1024WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBL01

Quant Time: Oct 24 23:00:13 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	5.531	168	90540	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	176490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	165587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	72164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	66303	52.230	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.460%
35) Dibromofluoromethane	5.361	113	46939	38.957	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.920%
50) Toluene-d8	8.628	98	182081	43.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.220%#
62) 4-Bromofluorobenzene	11.061	95	68609	42.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.400%

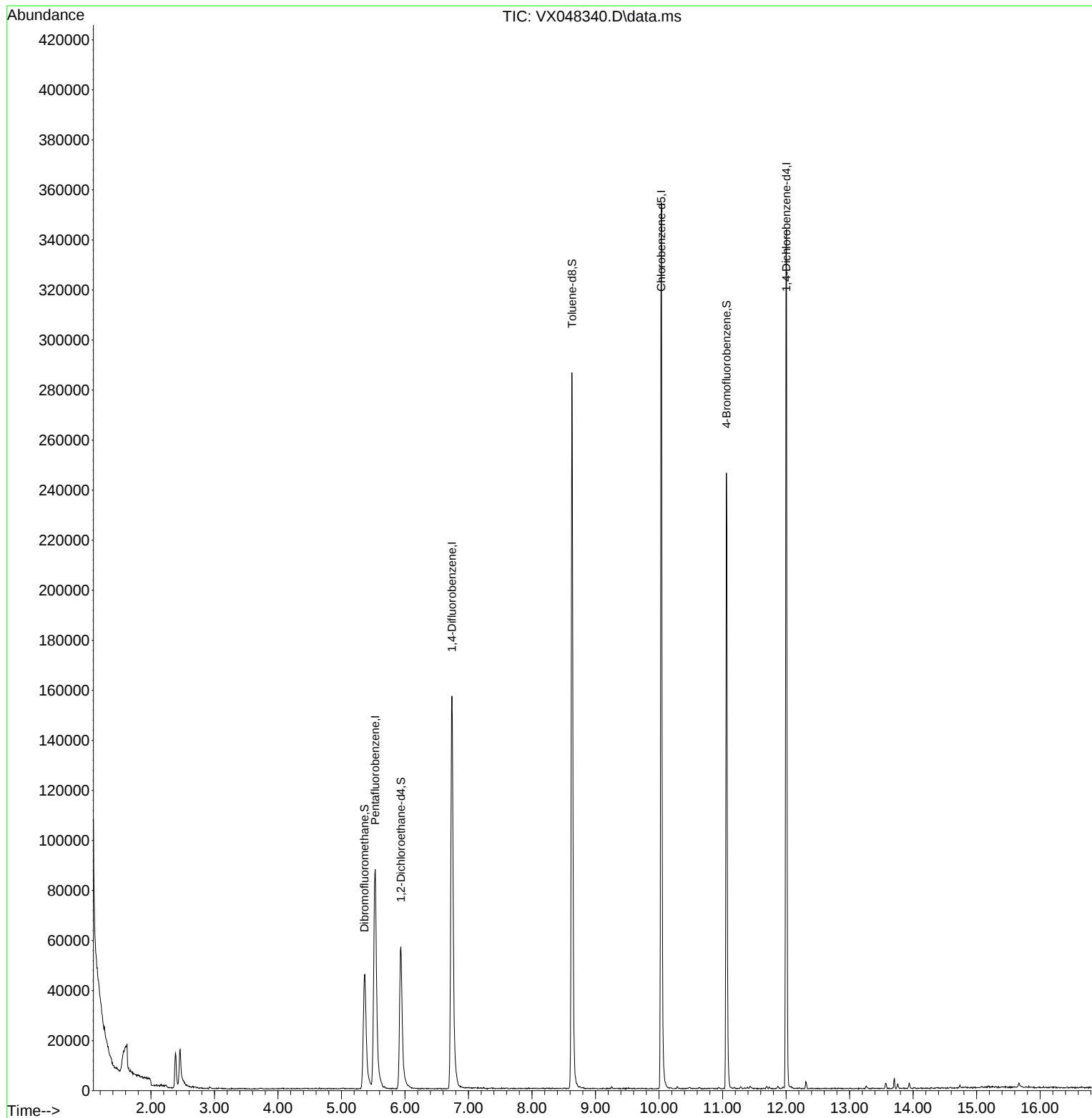
Target Compounds	Qvalue

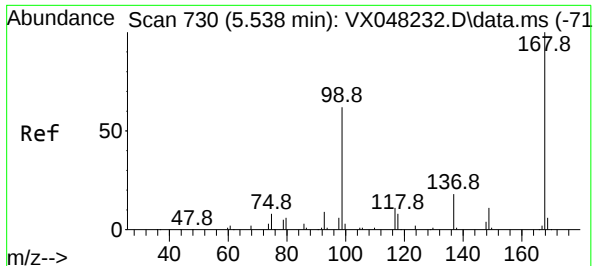
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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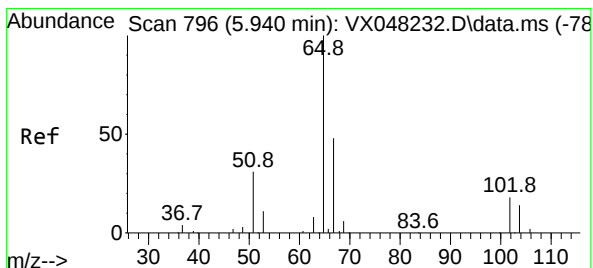
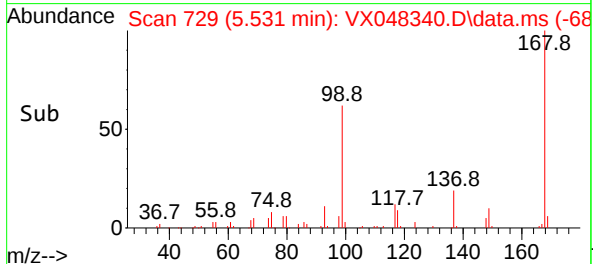
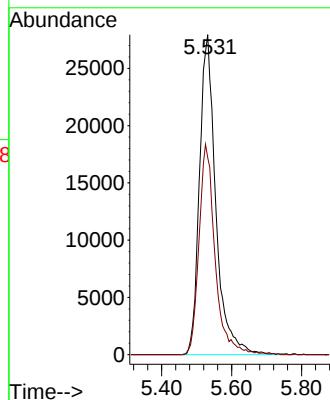
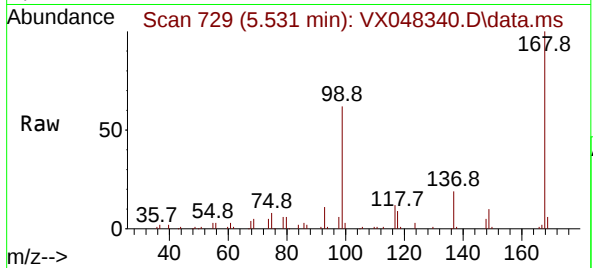




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

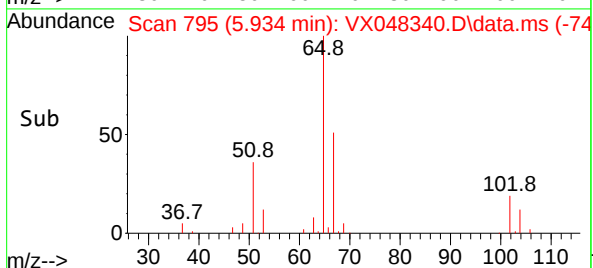
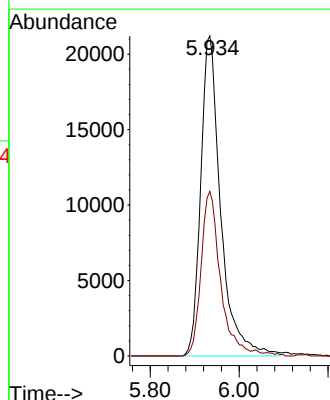
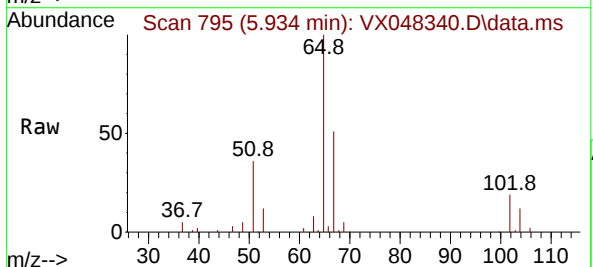
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

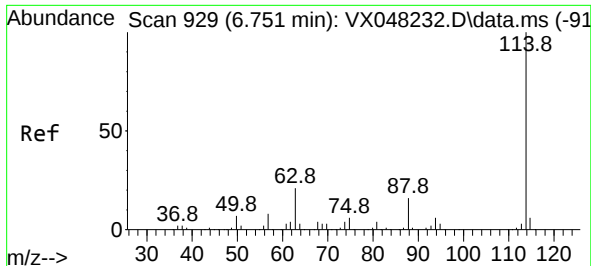
Tgt Ion:168 Resp: 90540
Ion Ratio Lower Upper
168 100
99 61.6 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 52.230 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion: 65 Resp: 66303
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.0

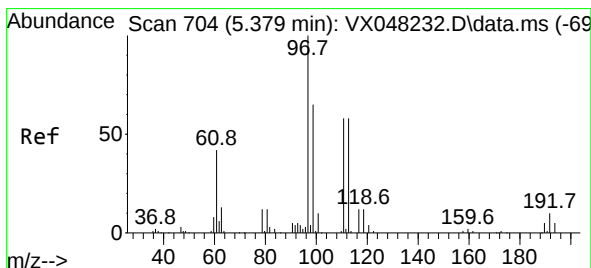
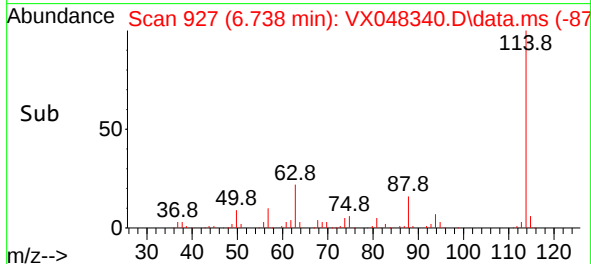
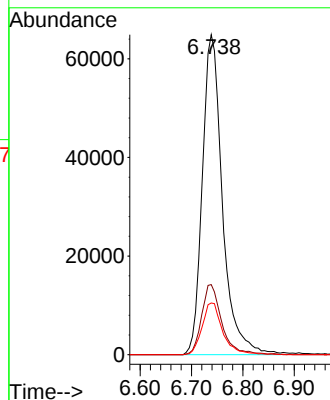
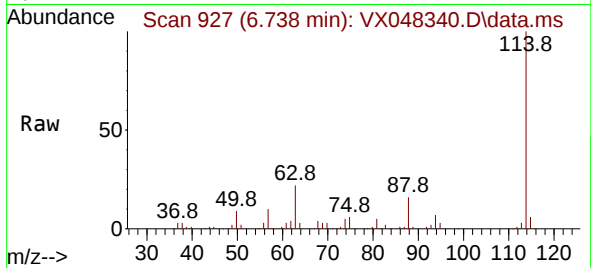




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

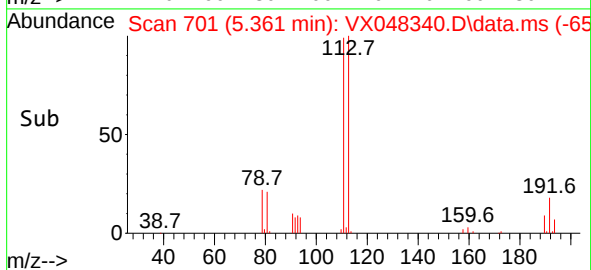
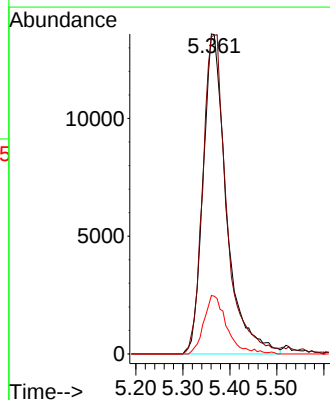
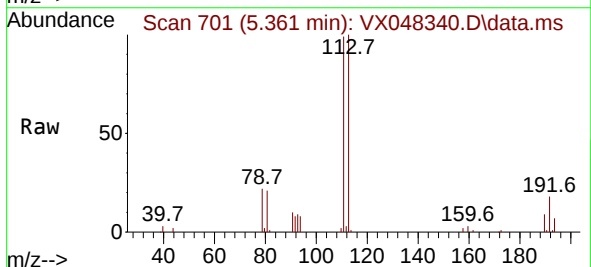
Instrument :
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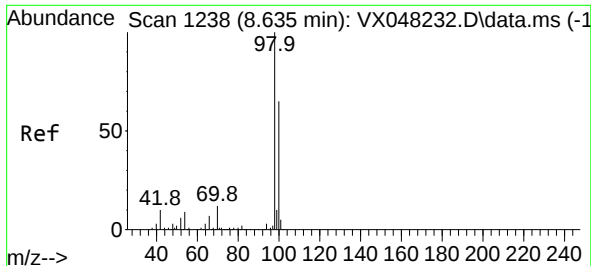
Tgt Ion:114 Resp: 176490
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 38.957 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion:113 Resp: 46939
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 18.0 15.1 22.7

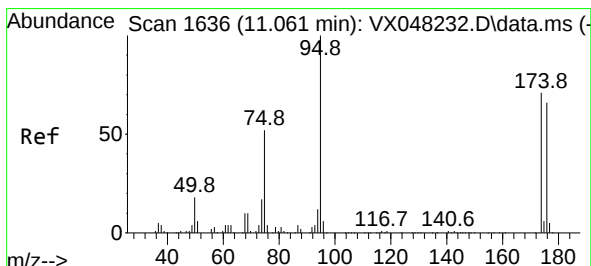
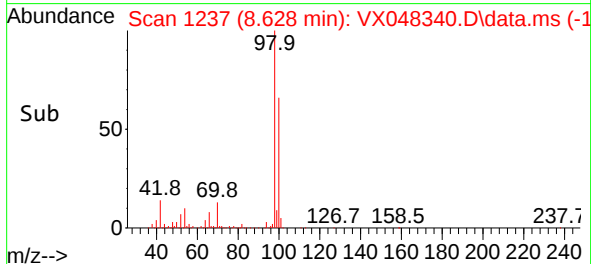
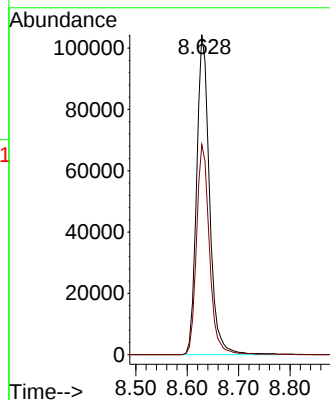
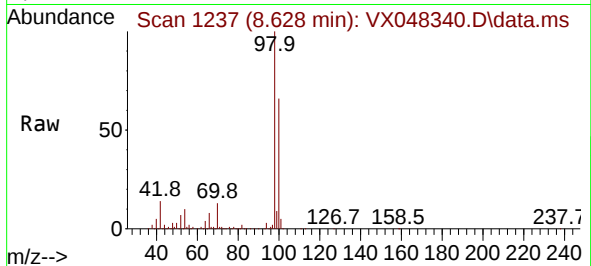




#50
Toluene-d8
Concen: 43.114 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

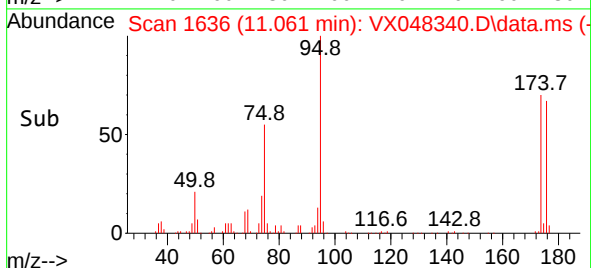
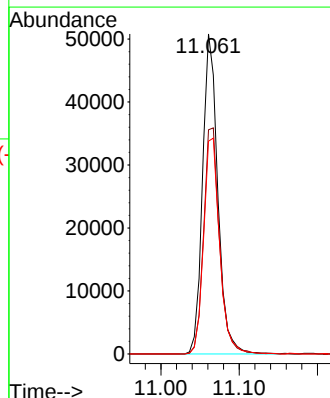
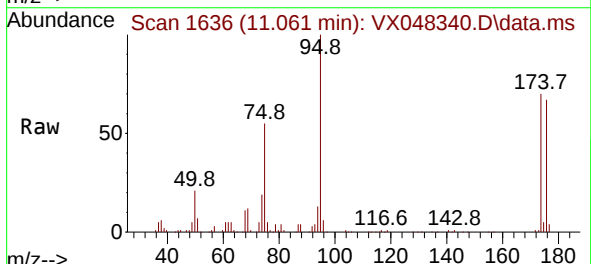
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

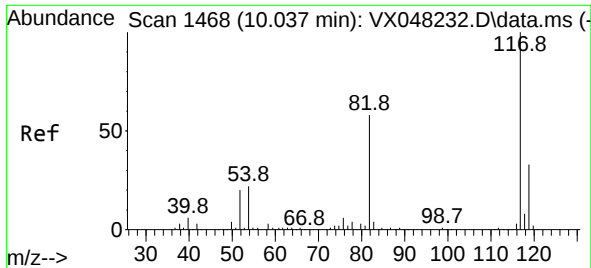
Tgt Ion: 98 Resp: 182081
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 42.703 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion: 95 Resp: 68609
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.8
176 71.0 0.0 142.8

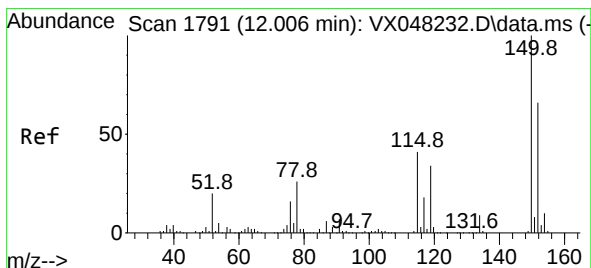
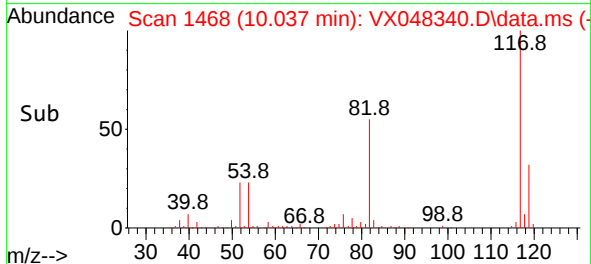
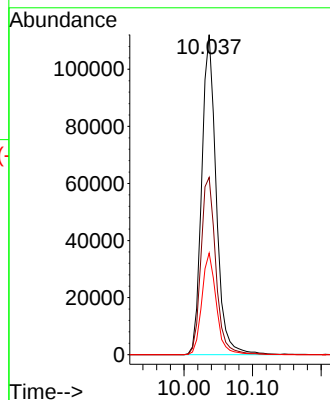
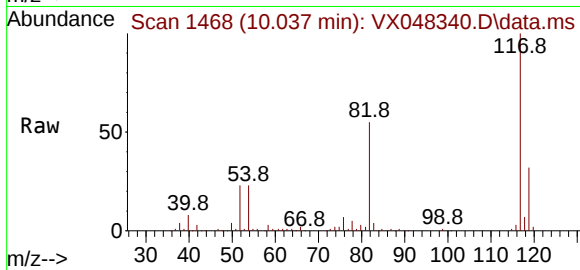




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048340.D
Acq: 24 Oct 2025 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

Tgt Ion:117 Resp: 165587
Ion Ratio Lower Upper
117 100
82 55.4 46.5 69.7
119 31.8 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: VX048340.D
Acq: 24 Oct 2025 09:48

Tgt Ion:152 Resp: 72164
Ion Ratio Lower Upper
152 100
115 61.9 43.1 129.4
150 159.8 0.0 353.0

