

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048894.D
 Acq On : 16 Dec 2025 18:08
 Operator : JC/MD
 Sample : VX1216WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBL01

Quant Time: Dec 17 03:26:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	95567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	159021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	136648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	60256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	66298	41.503	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.000%
35) Dibromofluoromethane	5.373	113	52786	44.659	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.320%
50) Toluene-d8	8.635	98	194934	46.195	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.400%
62) 4-Bromofluorobenzene	11.061	95	58612	38.688	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.380%#

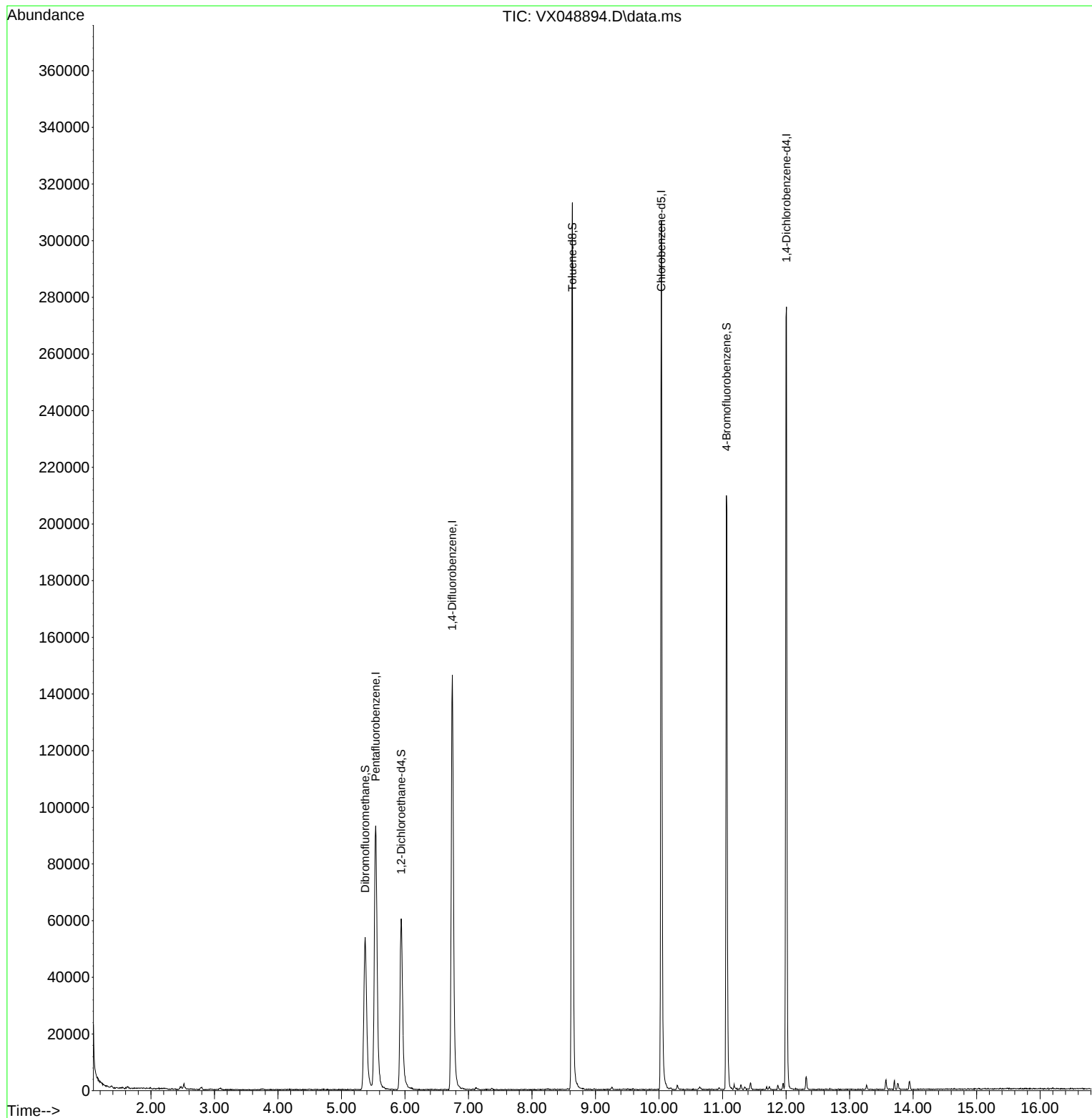
Target Compounds	Qvalue

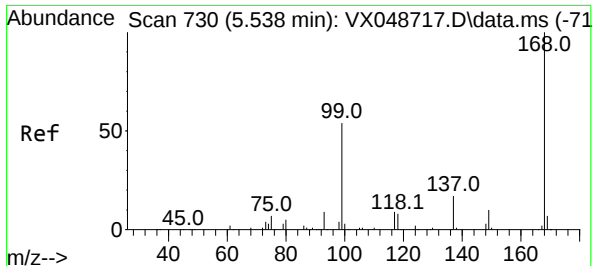
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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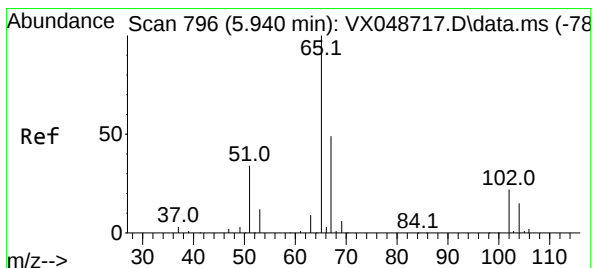
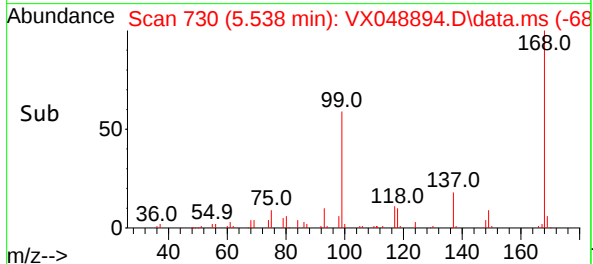
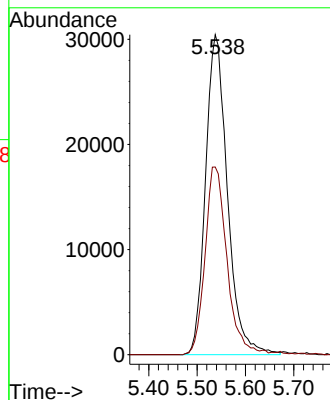
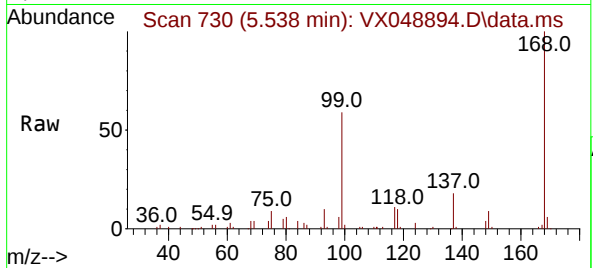




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048894.D
Acq: 16 Dec 2025 18:08

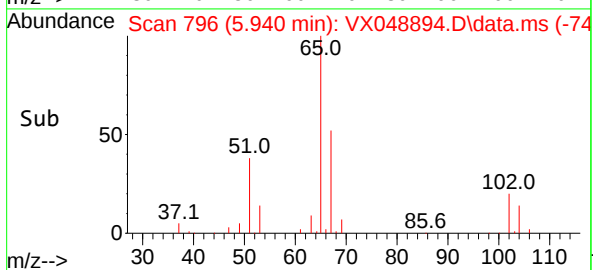
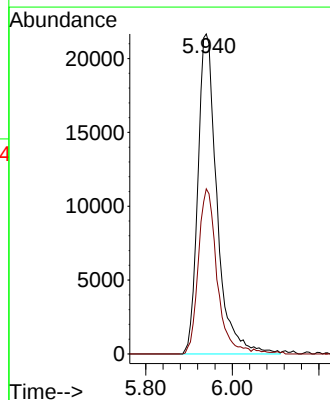
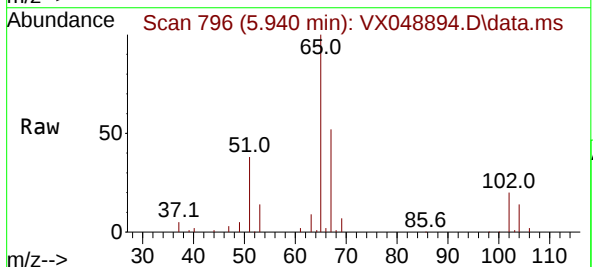
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL01

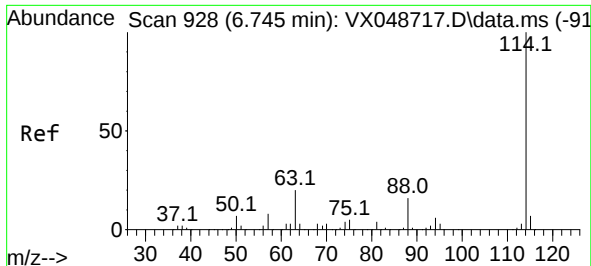
Tgt Ion:168 Resp: 95567
Ion Ratio Lower Upper
168 100
99 58.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 41.503 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048894.D
Acq: 16 Dec 2025 18:08

Tgt Ion: 65 Resp: 66298
Ion Ratio Lower Upper
65 100
67 50.3 0.0 107.4

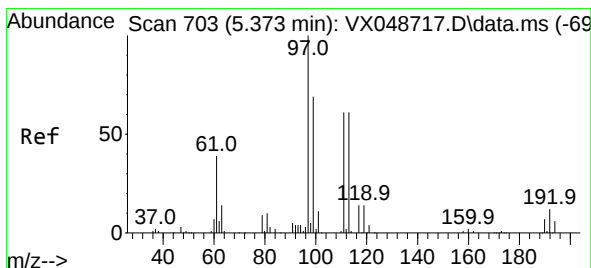
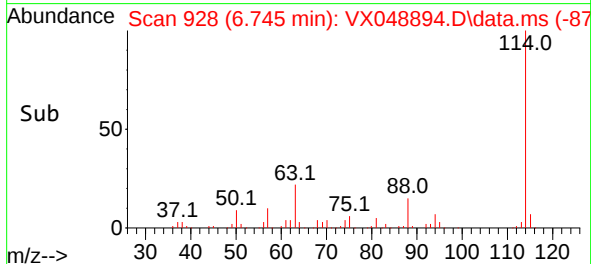
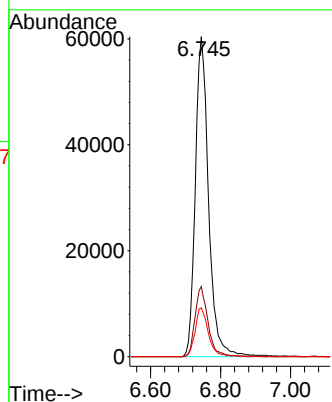
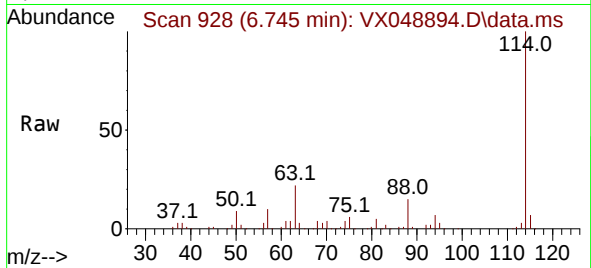




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 912
Delta R.T. -0.000 min
Lab File: VX048894.D
Acq: 16 Dec 2025 18:08

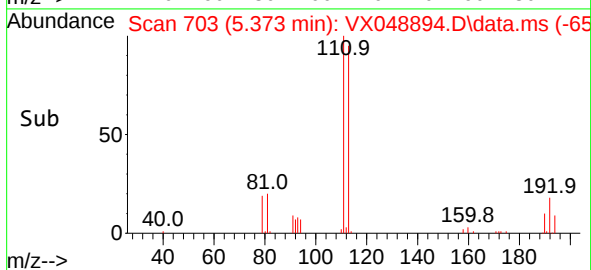
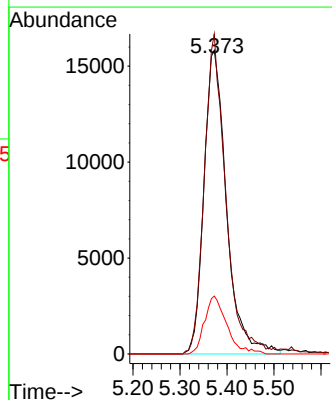
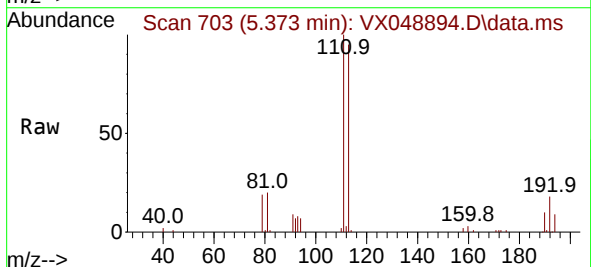
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL01

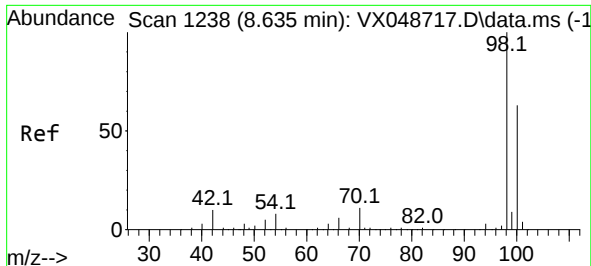
Tgt Ion:114 Resp: 159021
Ion Ratio Lower Upper
114 100
63 21.9 0.0 39.0
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.659 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048894.D
Acq: 16 Dec 2025 18:08

Tgt Ion:113 Resp: 52786
Ion Ratio Lower Upper
113 100
111 99.9 79.5 119.3
192 18.8 16.1 24.1

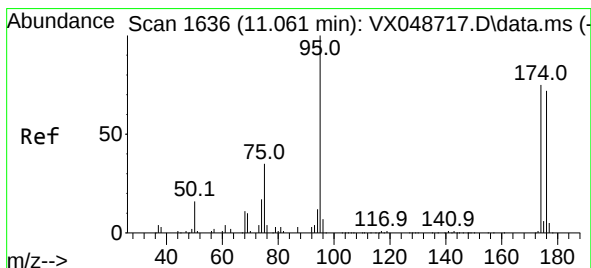
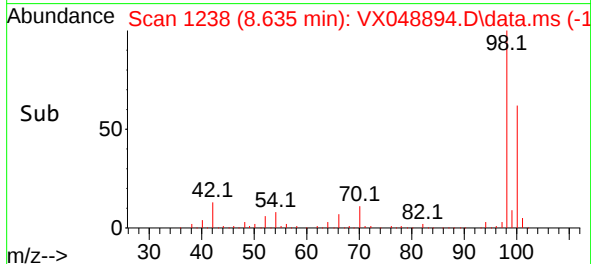
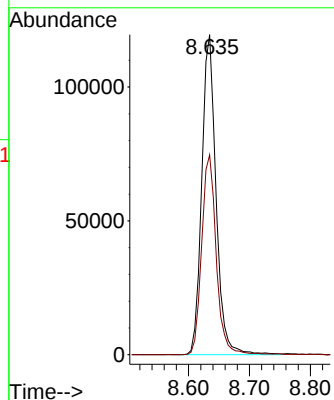
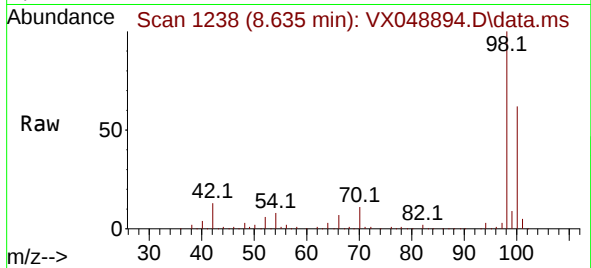




#50
Toluene-d8
Concen: 46.195 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048894.D
Acq: 16 Dec 2025 18:08

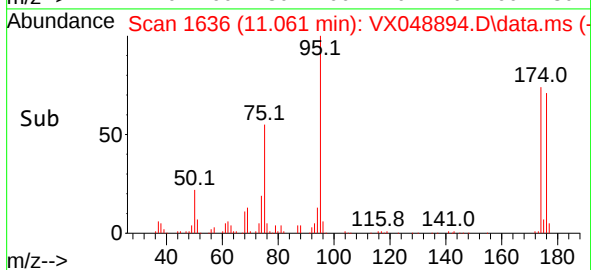
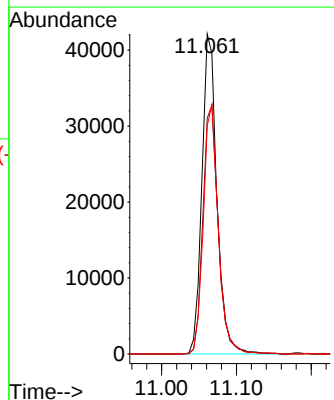
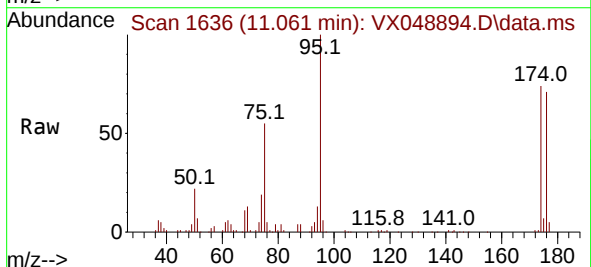
Instrument :
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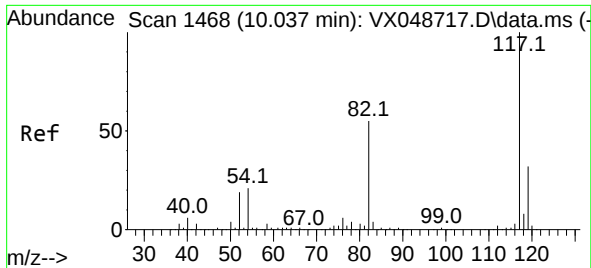
Tgt Ion: 98 Resp: 194934
Ion Ratio Lower Upper
98 100
100 63.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 38.688 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048894.D
Acq: 16 Dec 2025 18:08

Tgt Ion: 95 Resp: 58612
Ion Ratio Lower Upper
95 100
174 80.2 0.0 157.8
176 77.5 0.0 154.0

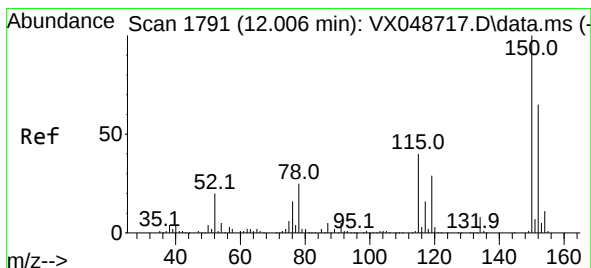
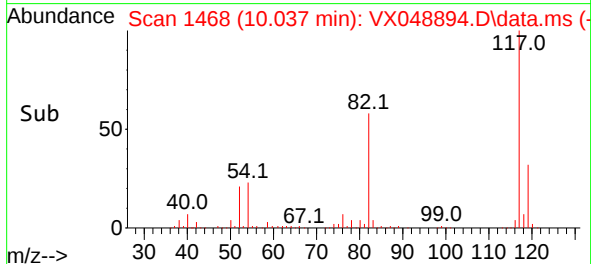
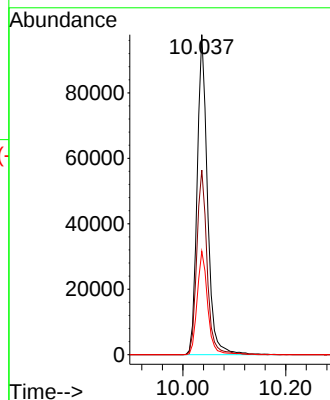
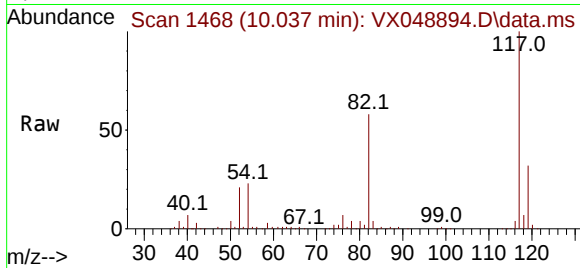




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048894.D
Acq: 16 Dec 2025 18:08

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL01

Tgt Ion:117 Resp: 136648
Ion Ratio Lower Upper
117 100
82 57.7 44.1 66.1
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX048894.D
Acq: 16 Dec 2025 18:08

Tgt Ion:152 Resp: 60256
Ion Ratio Lower Upper
152 100
115 58.1 42.1 126.4
150 155.0 0.0 347.8

