

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048827.D
 Acq On : 11 Dec 2025 15:37
 Operator : JC/MD
 Sample : Q3828-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-120925

Quant Time: Dec 11 23:52:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	217735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	364455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	324371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140783	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	153417	52.497	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.000%
35) Dibromofluoromethane	5.373	113	124004	49.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.840%
50) Toluene-d8	8.635	98	436858	49.664	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.061	95	139501	45.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.980%

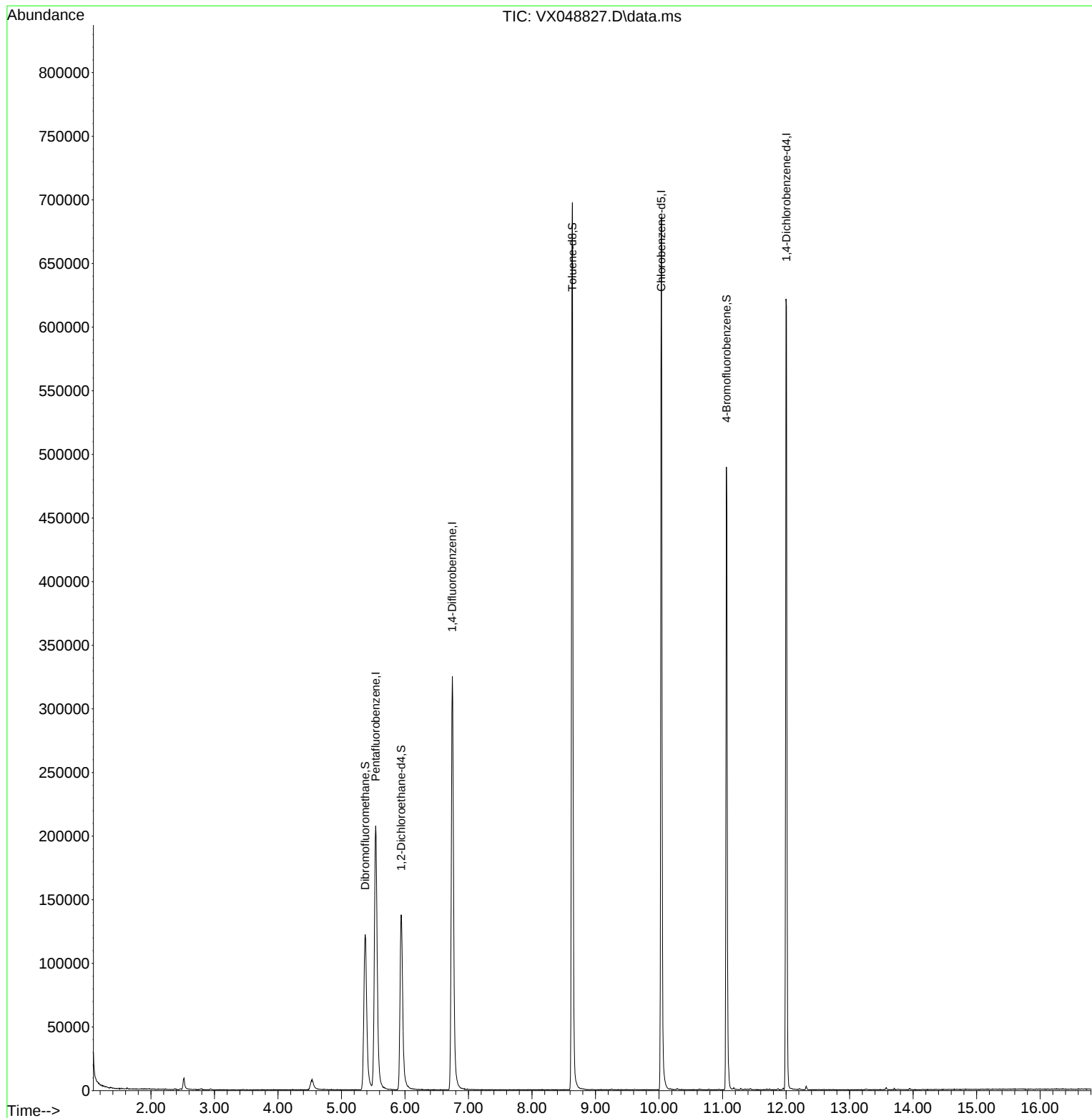
Target Compounds	Qvalue

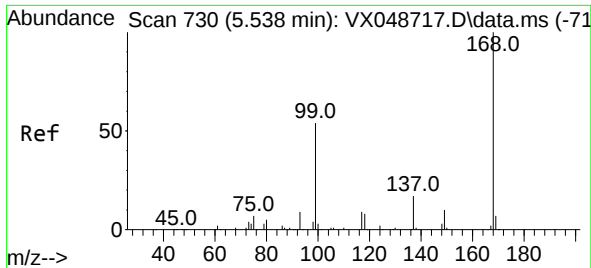
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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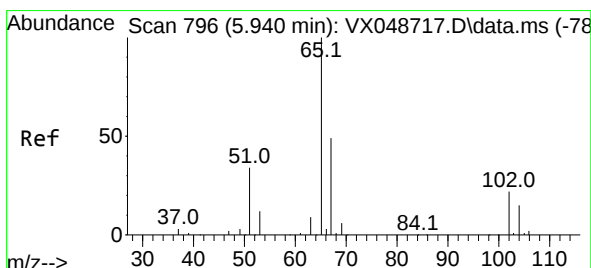
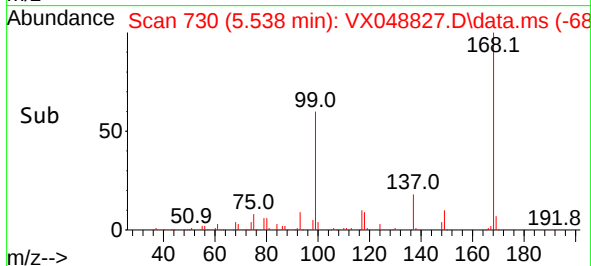
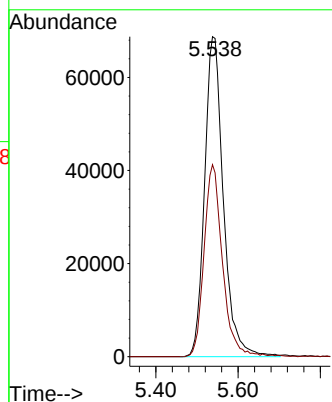
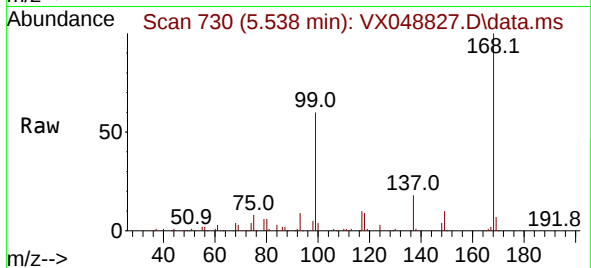




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

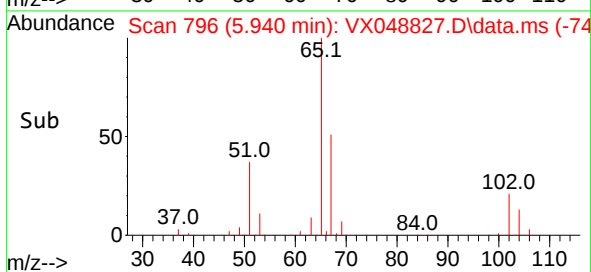
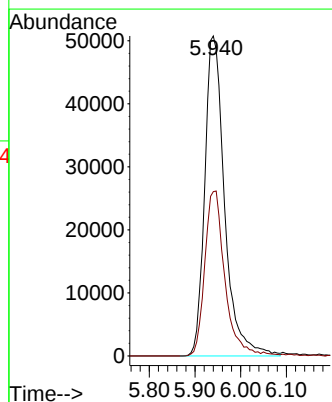
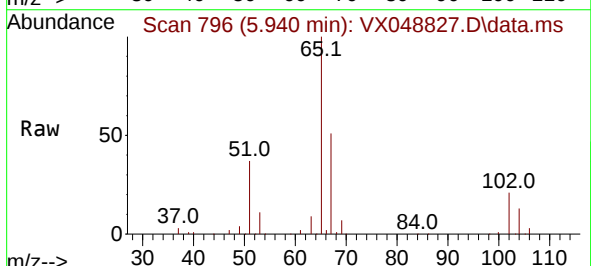
Instrument :
MSVOA_X
ClientSampleId :
FB01-120925

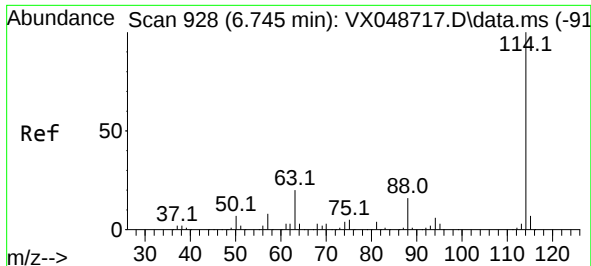
Tgt Ion:168 Resp: 217735
Ion Ratio Lower Upper
168 100
99 60.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.497 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Tgt Ion: 65 Resp: 153417
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

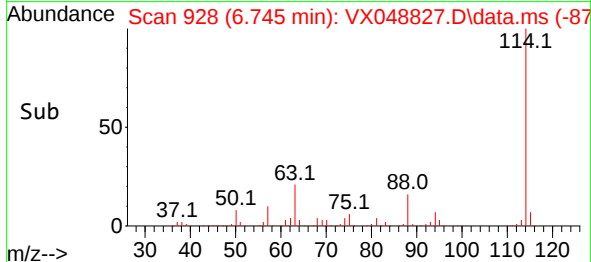
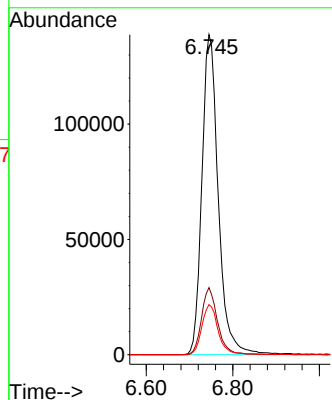
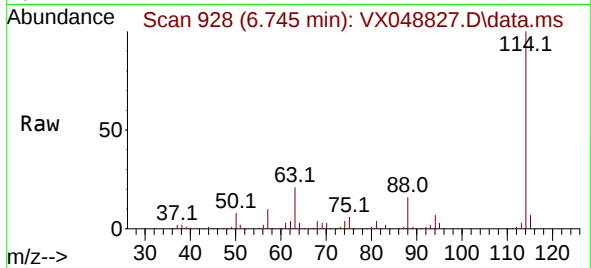




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

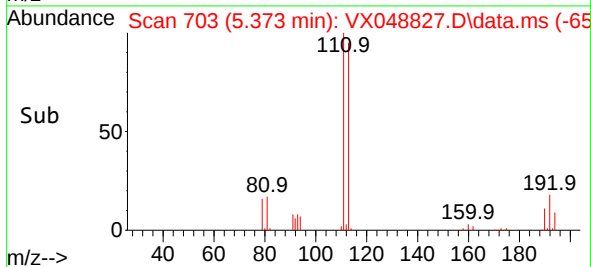
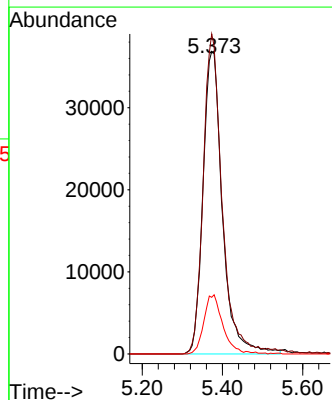
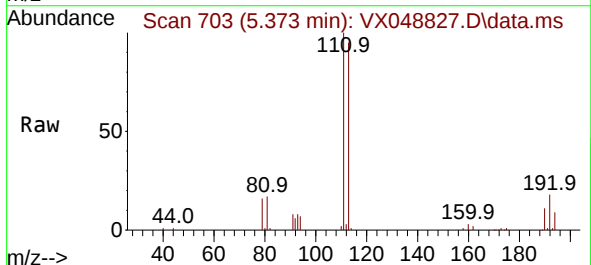
Instrument :
MSVOA_X
ClientSampleId :
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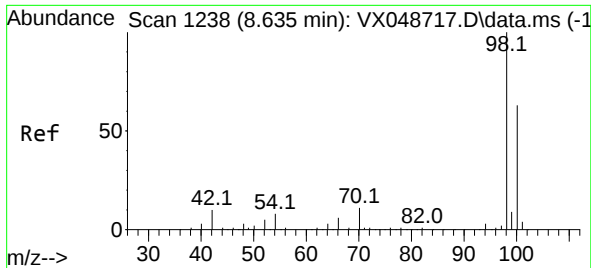
Tgt Ion:114 Resp: 364455
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.0
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.416 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Tgt Ion:113 Resp: 124004
Ion Ratio Lower Upper
113 100
111 103.6 79.5 119.3
192 18.8 16.1 24.1

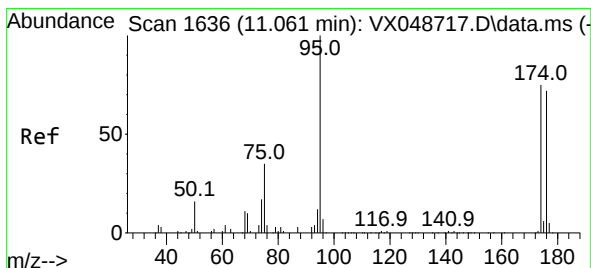
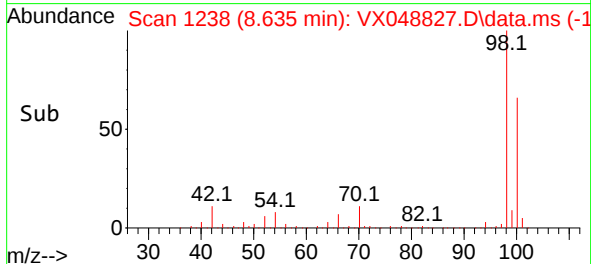
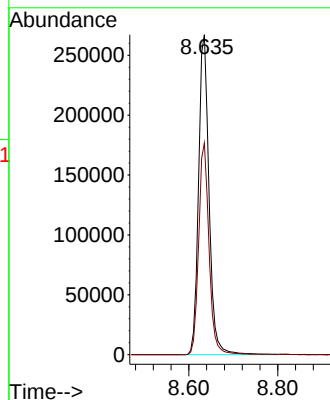
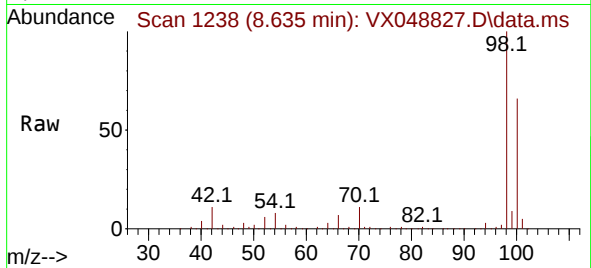




#50
Toluene-d8
Concen: 49.664 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

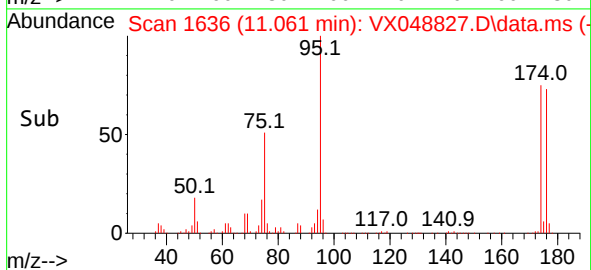
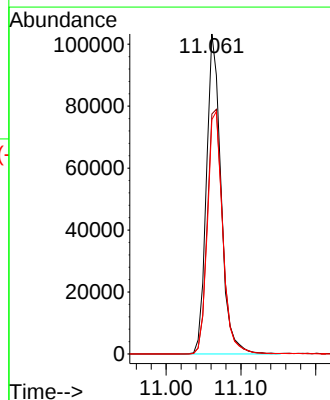
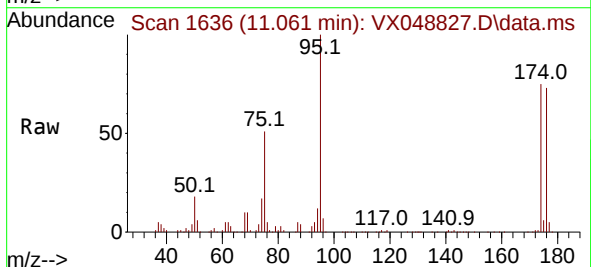
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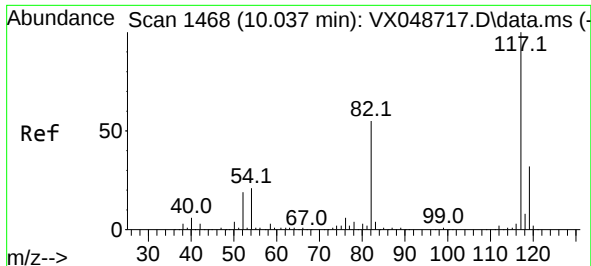
Tgt Ion: 98 Resp: 436858
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 45.991 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Tgt Ion: 95 Resp: 139501
Ion Ratio Lower Upper
95 100
174 81.1 0.0 157.8
176 79.2 0.0 154.0

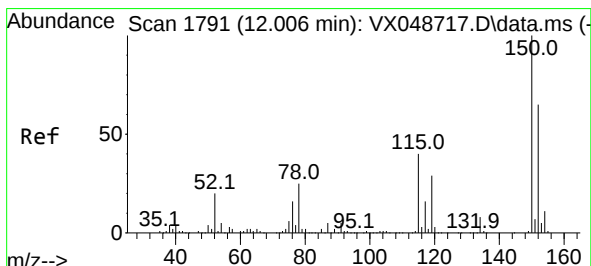
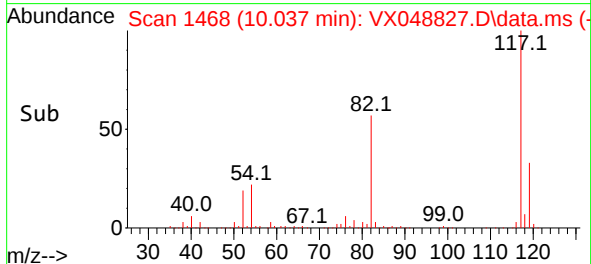
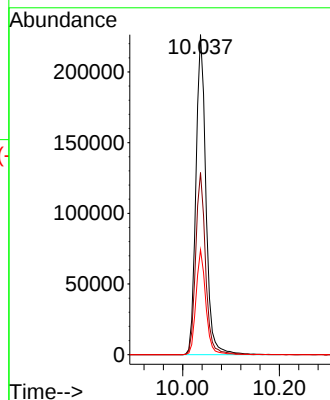
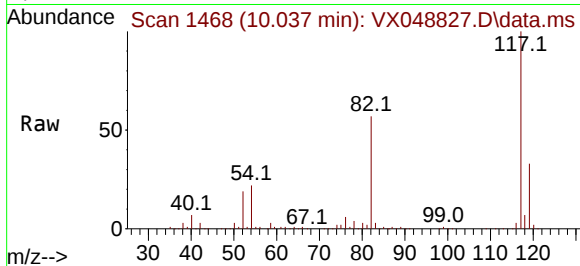




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Instrument :
MSVOA_X
ClientSampleId :
FB01-120925

Tgt Ion:117 Resp: 324371
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Tgt Ion:152 Resp: 140783
Ion Ratio Lower Upper
152 100
115 59.2 42.1 126.4
150 157.7 0.0 347.8

