

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048437.D
 Acq On : 31 Oct 2025 16:52
 Operator : JC/MD
 Sample : Q3507-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 31 23:08:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	110576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	187149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	82688	51.997	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.000%
35) Dibromofluoromethane	5.379	113	61733	57.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.720%
50) Toluene-d8	8.635	98	232995	49.468	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.061	95	111653	63.370	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	126.740%#

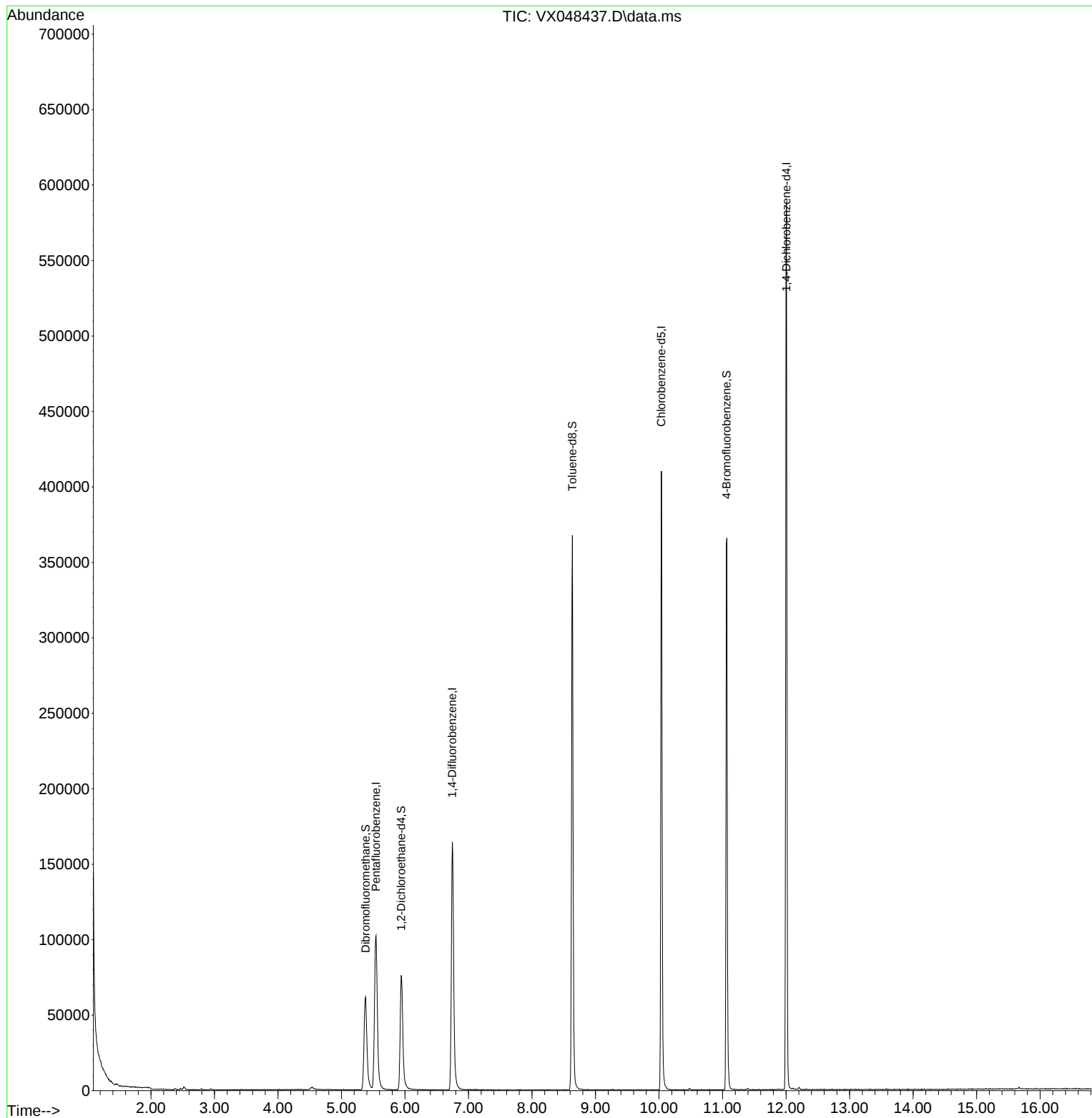
Target Compounds	Qvalue

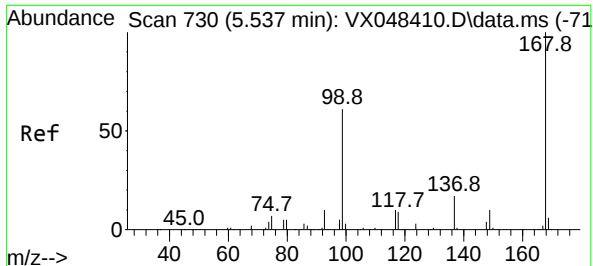
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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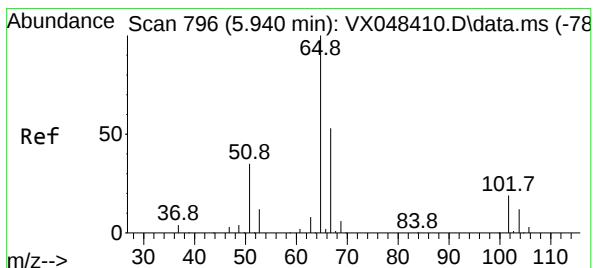
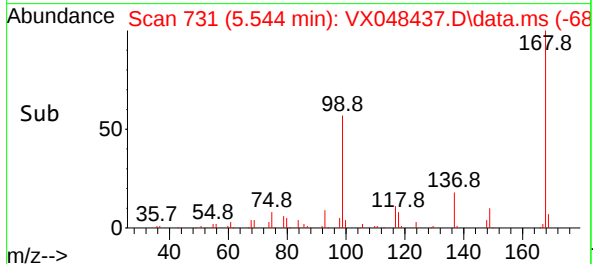
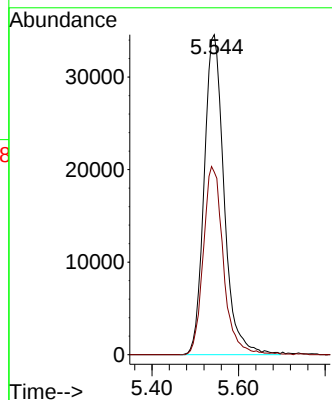
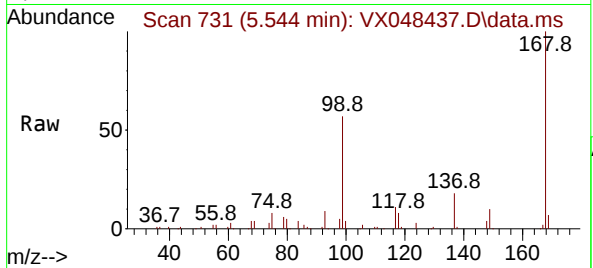




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048437.D
Acq: 31 Oct 2025 16:52

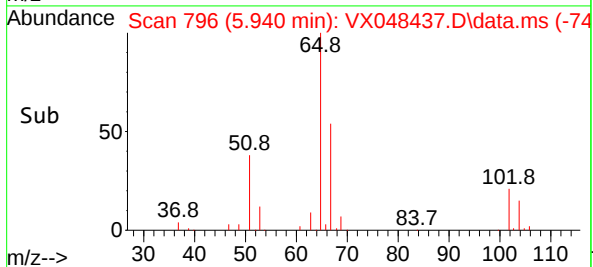
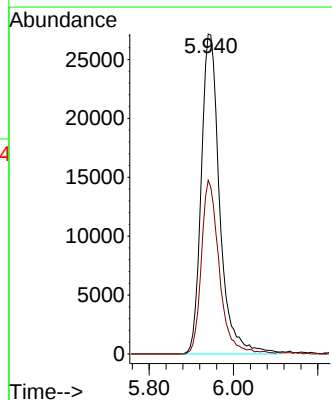
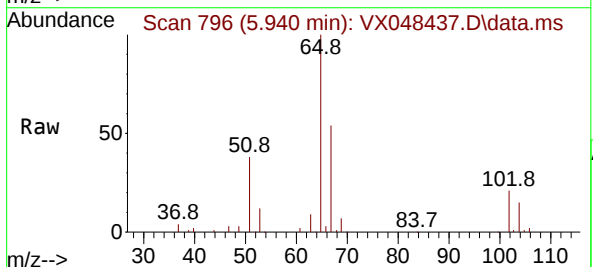
Instrument :
MSVOA_X
ClientSampleId :
TB

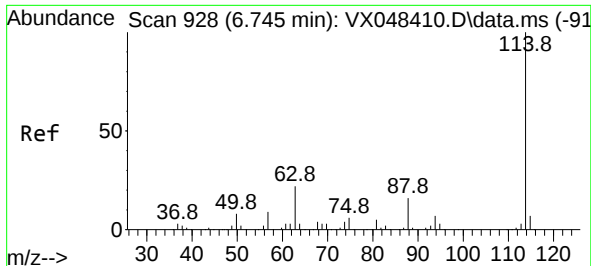
Tgt Ion:168 Resp: 110576
Ion Ratio Lower Upper
168 100
99 57.0 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 51.997 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048437.D
Acq: 31 Oct 2025 16:52

Tgt Ion: 65 Resp: 82688
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

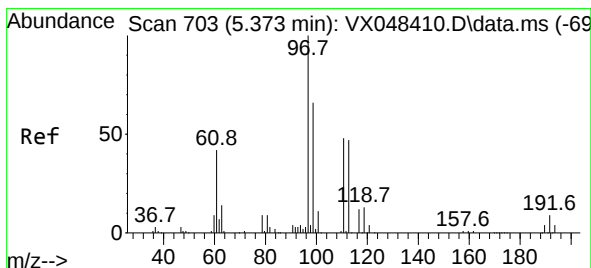
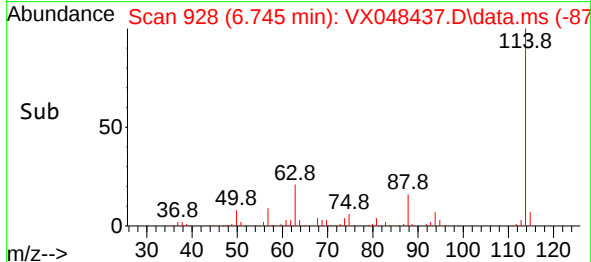
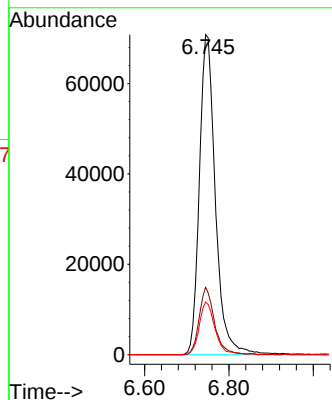
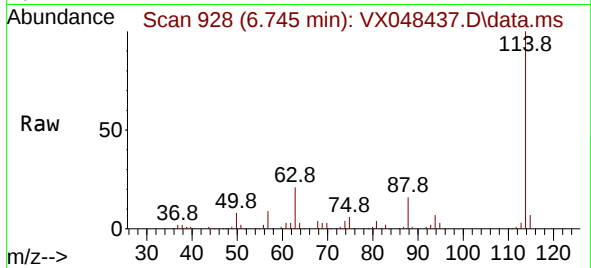




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048437.D
Acq: 31 Oct 2025 16:52

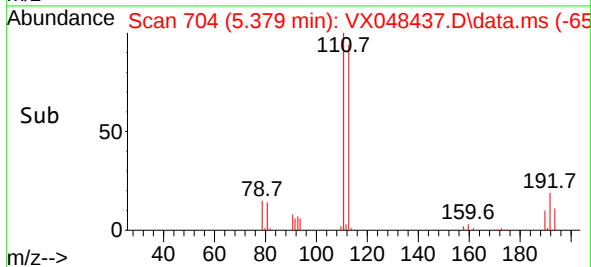
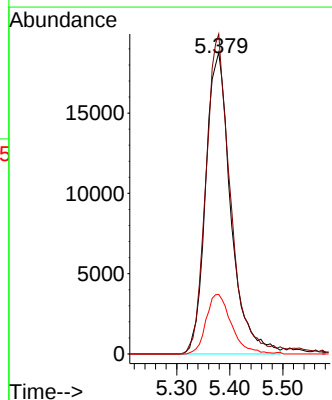
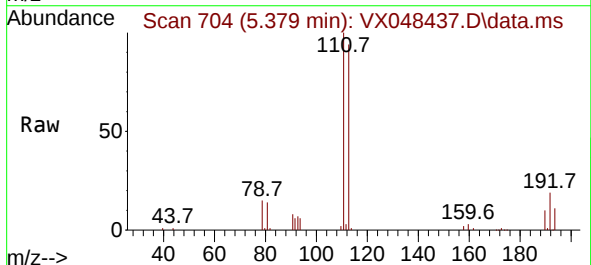
Instrument :
MSVOA_X
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TB

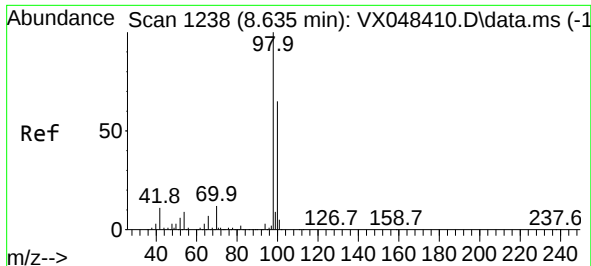
Tgt Ion:114 Resp: 187149
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 16.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 57.856 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048437.D
Acq: 31 Oct 2025 16:52

Tgt Ion:113 Resp: 61733
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.9 15.1 22.7

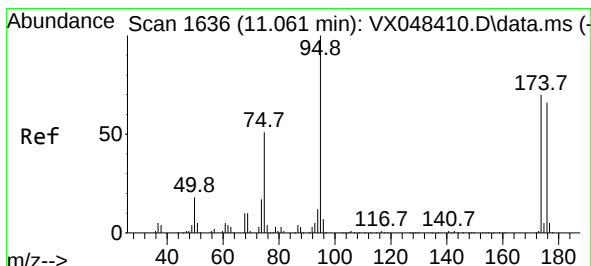
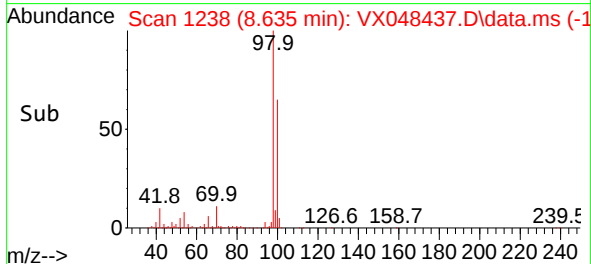
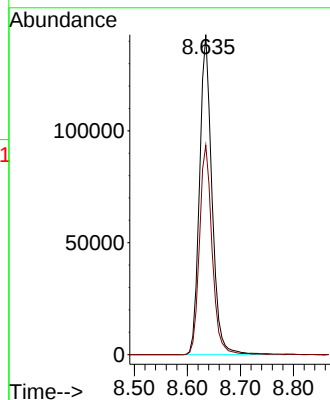
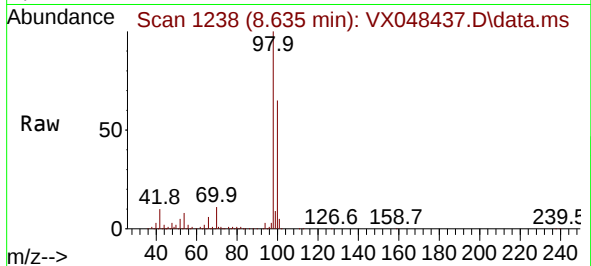




#50
Toluene-d8
Concen: 49.468 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048437.D
Acq: 31 Oct 2025 16:52

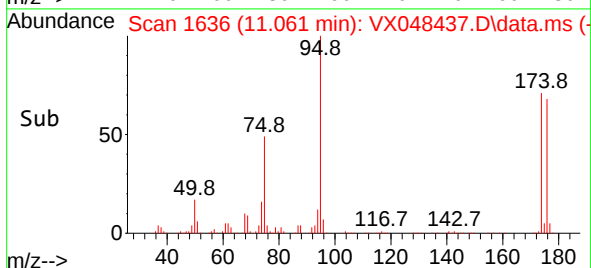
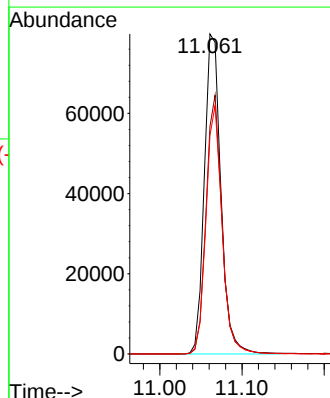
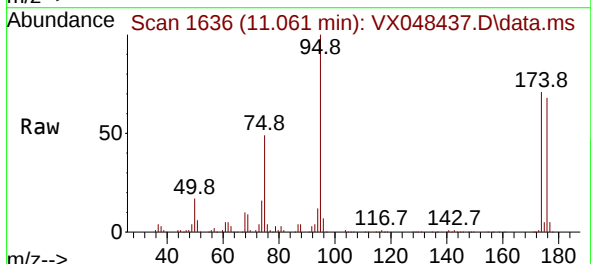
Instrument :
MSVOA_X
ClientSampleId :
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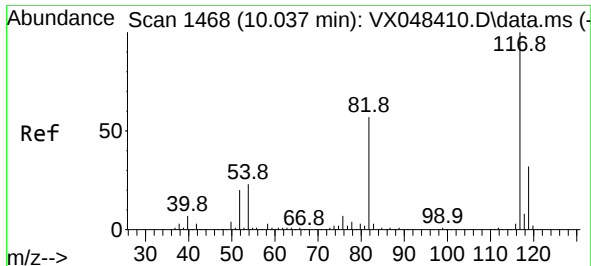
Tgt Ion: 98 Resp: 232995
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 63.370 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048437.D
Acq: 31 Oct 2025 16:52

Tgt Ion: 95 Resp: 111653
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.8
176 75.4 0.0 142.8

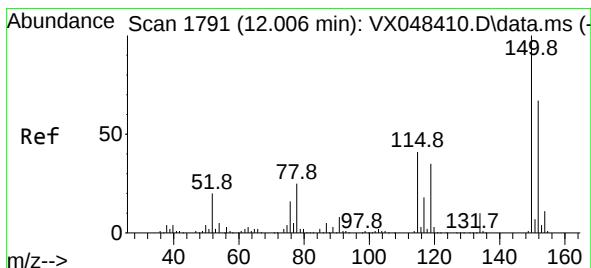
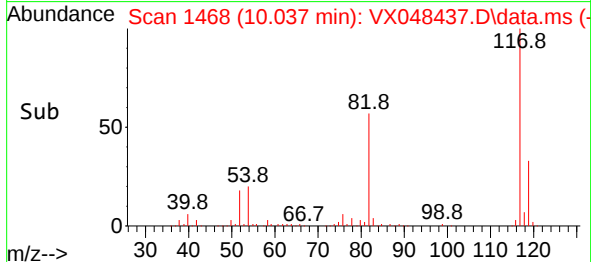
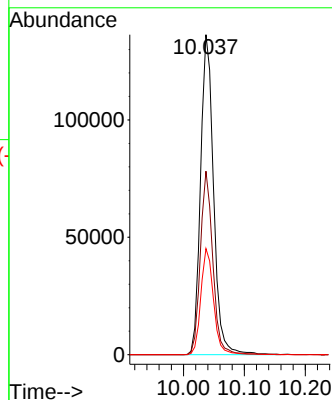
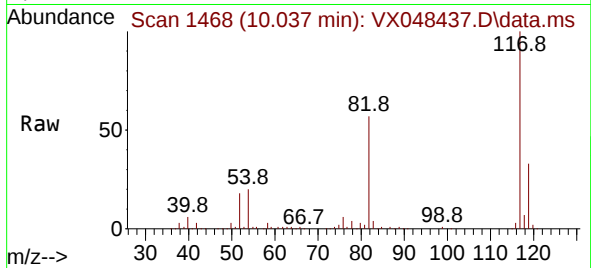




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048437.D
Acq: 31 Oct 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 202287
Ion Ratio Lower Upper
117 100
82 57.4 46.5 69.7
119 33.2 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: VX048437.D
Acq: 31 Oct 2025 16:52

Tgt Ion:152 Resp: 129643
Ion Ratio Lower Upper
152 100
115 60.8 43.1 129.4
150 156.2 0.0 353.0

