

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048457.D
 Acq On : 03 Nov 2025 15:20
 Operator : JC/MD
 Sample : Q3495-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Nov 04 00:14:35 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	5.537	168	163243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	253289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	218816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	107167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108896	46.384	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.760%
35) Dibromofluoromethane	5.379	113	84990	58.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	117.700%
50) Toluene-d8	8.634	98	275410	43.204	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.400%#
62) 4-Bromofluorobenzene	11.067	95	103711	43.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.980%

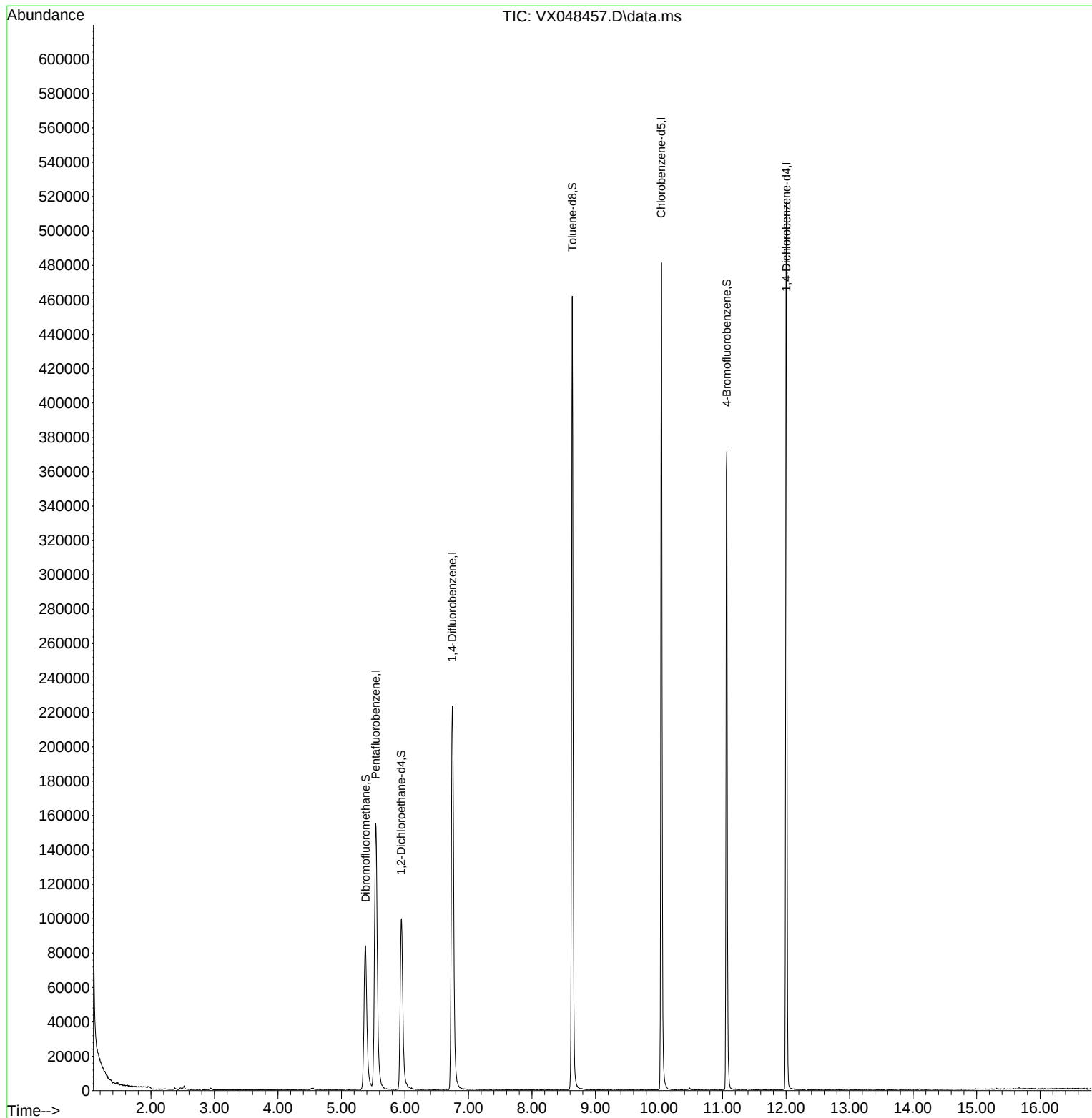
Target Compounds	Qvalue

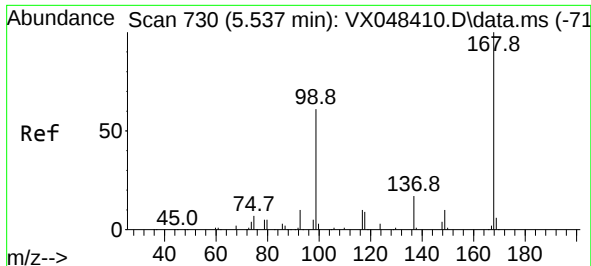
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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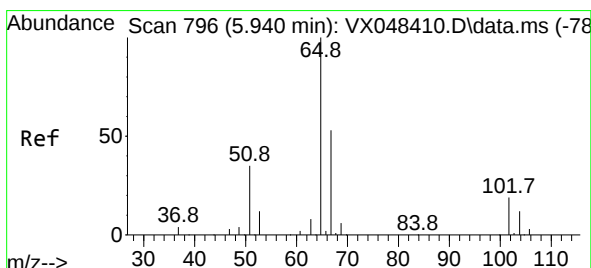
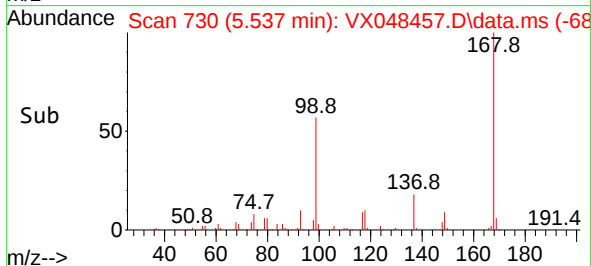
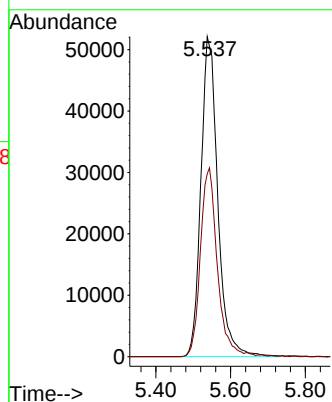
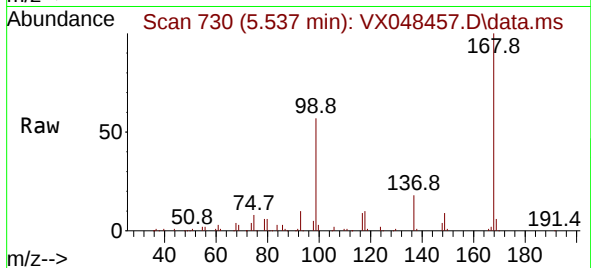




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

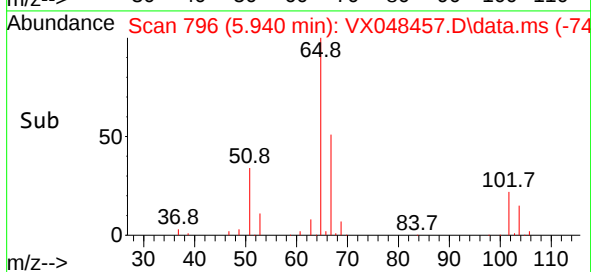
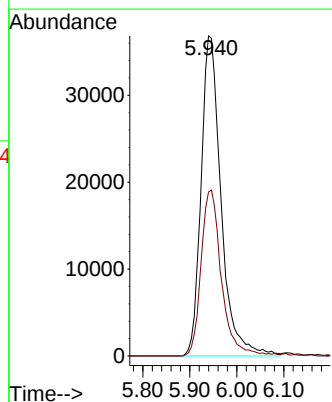
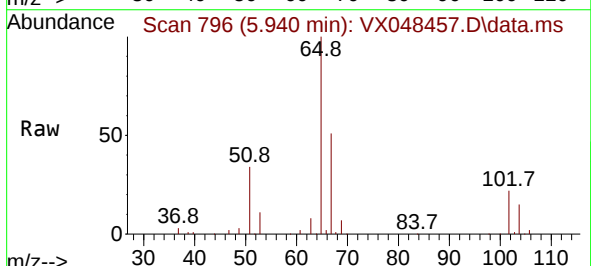
Instrument :
MSVOA_X
ClientSampleId :
TB

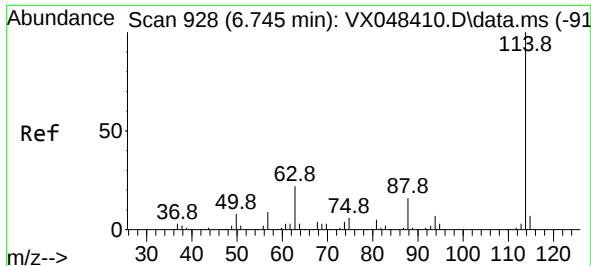
Tgt Ion:168 Resp: 163243
Ion Ratio Lower Upper
168 100
99 57.1 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 46.384 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion: 65 Resp: 108896
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0

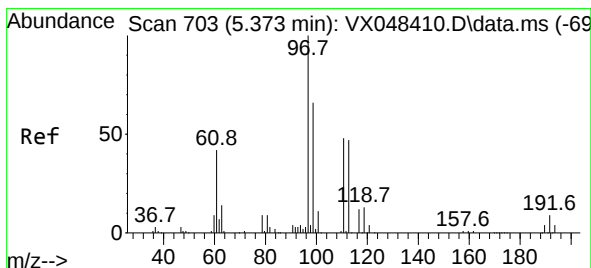
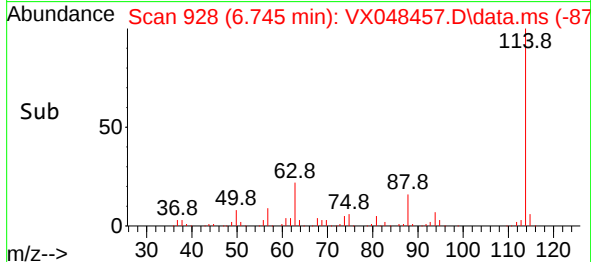
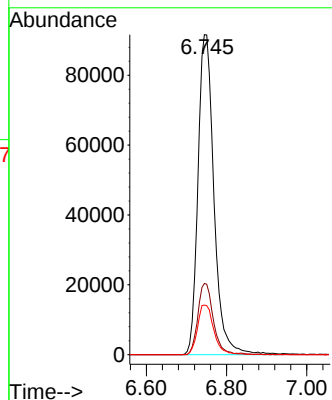
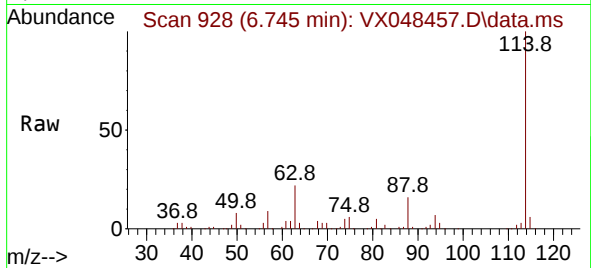




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX048457.D
 Acq: 03 Nov 2025 15:20

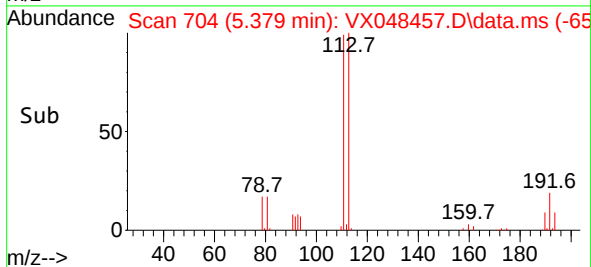
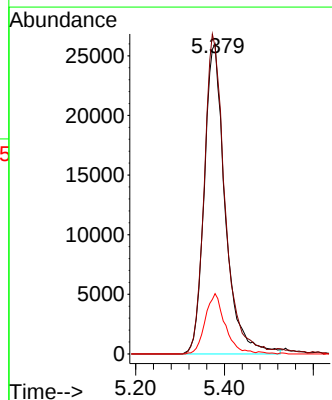
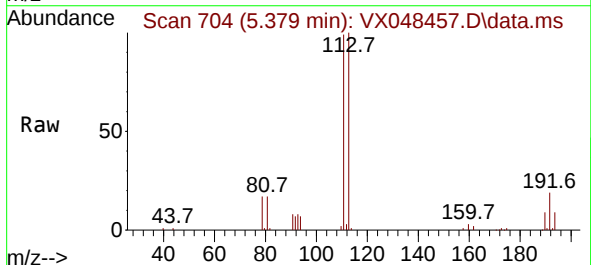
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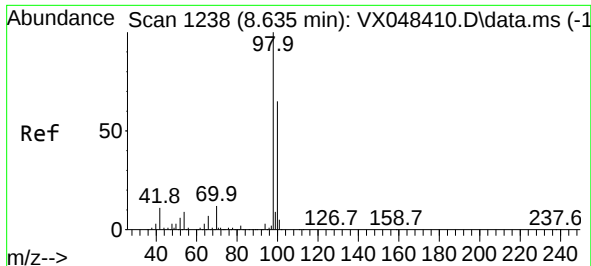
Tgt Ion:114 Resp: 253289
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 15.5 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 58.853 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX048457.D
 Acq: 03 Nov 2025 15:20

Tgt Ion:113 Resp: 84990
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.4
 192 18.5 15.1 22.7

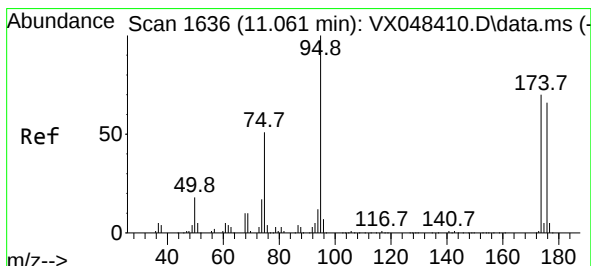
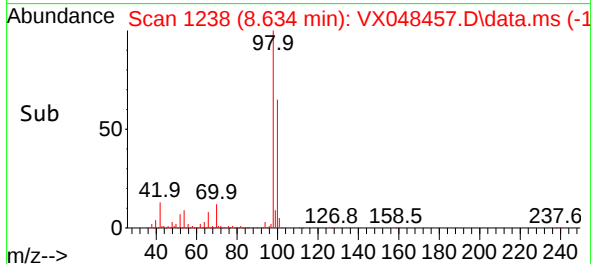
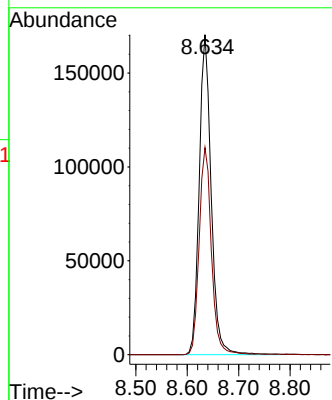
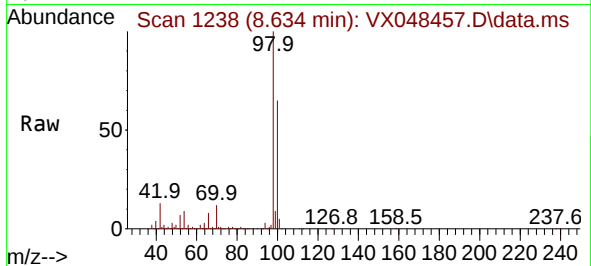




#50
Toluene-d8
Concen: 43.204 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

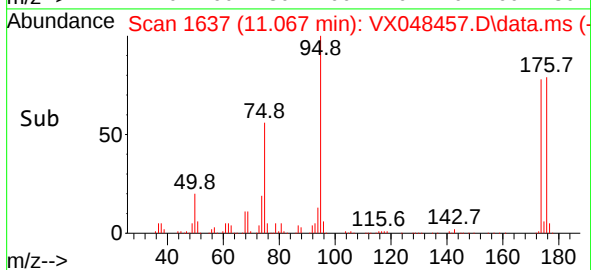
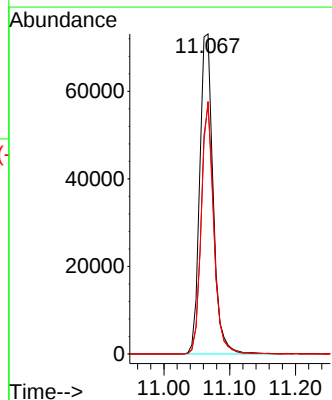
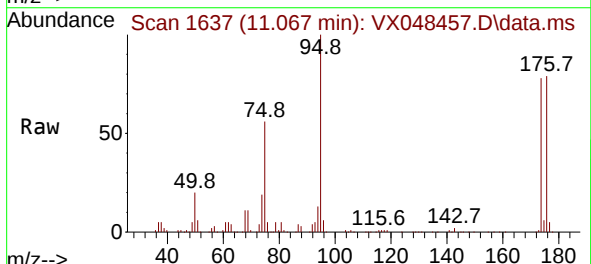
Instrument :
MSVOA_X
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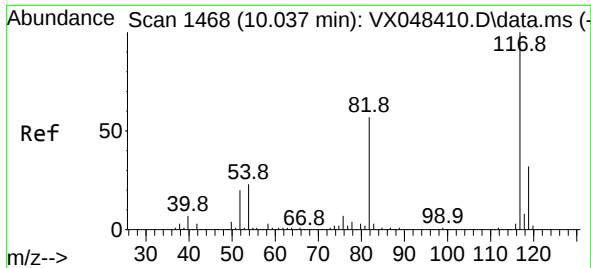
Tgt Ion: 98 Resp: 275410
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.492 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion: 95 Resp: 103711
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.8
176 72.8 0.0 142.8

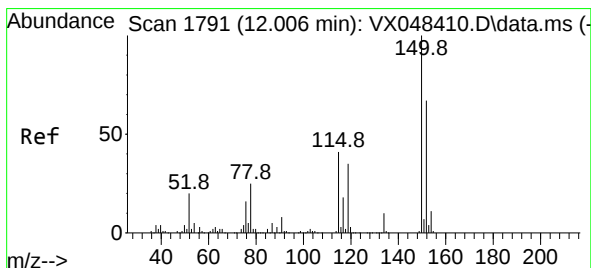
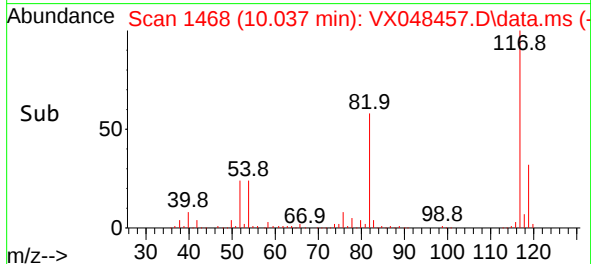
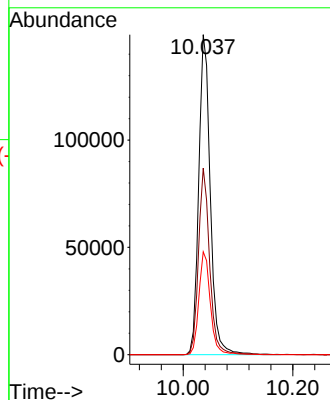
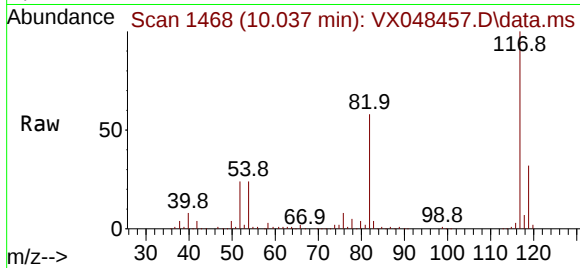




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 218816
Ion Ratio Lower Upper
117 100
82 58.3 46.5 69.7
119 32.1 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: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion:152 Resp: 107167
Ion Ratio Lower Upper
152 100
115 61.7 43.1 129.4
150 155.9 0.0 353.0

