

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048467.D
 Acq On : 03 Nov 2025 18:46
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Nov 04 00:19:00 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	144993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	227379	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85660	41.080	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.160%
35) Dibromofluoromethane	5.373	113	72821	56.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.340%
50) Toluene-d8	8.635	98	275341	48.115	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.061	95	110675	51.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.400%

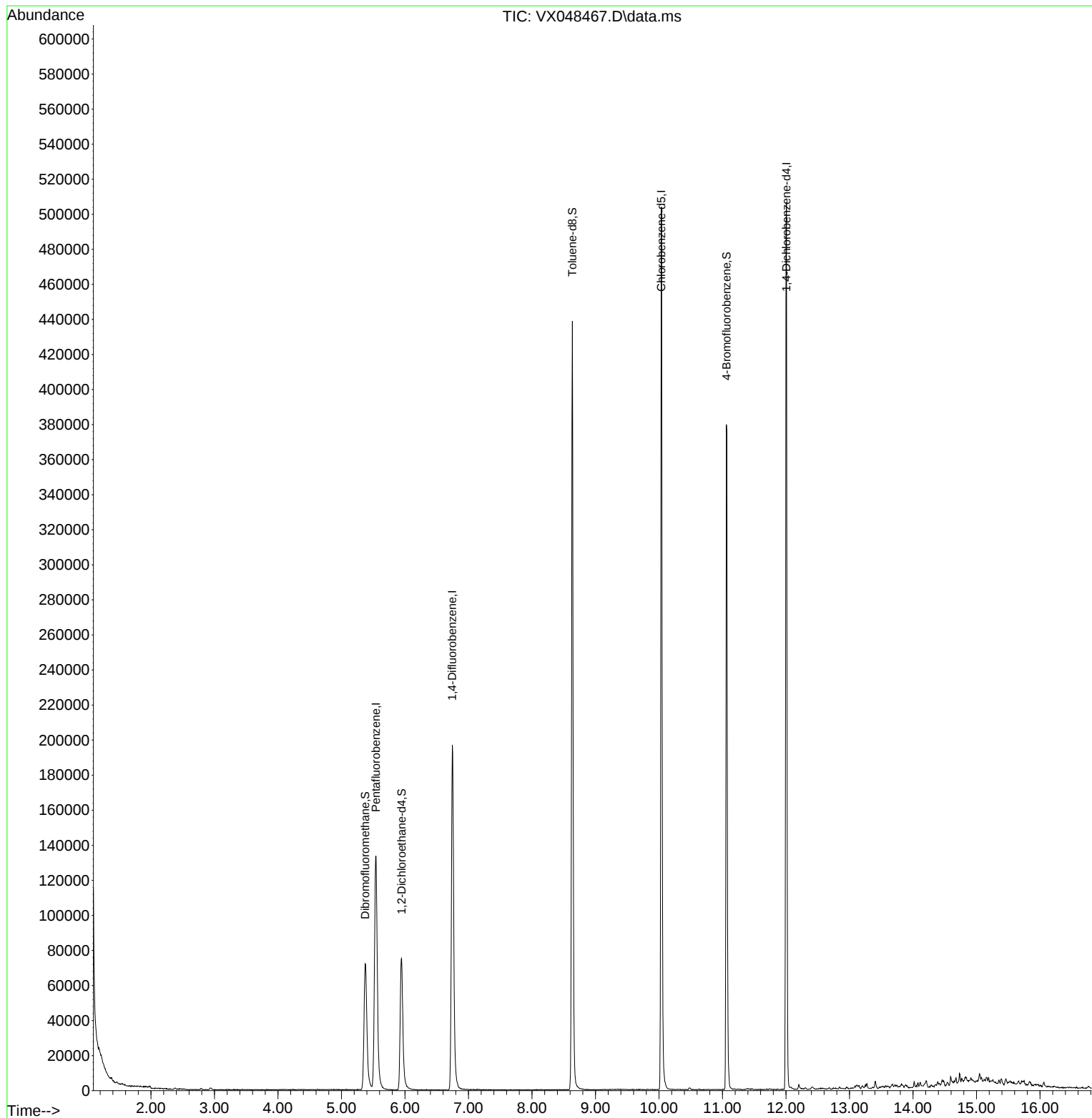
Target Compounds	Qvalue

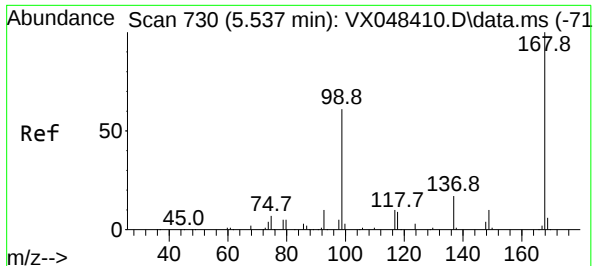
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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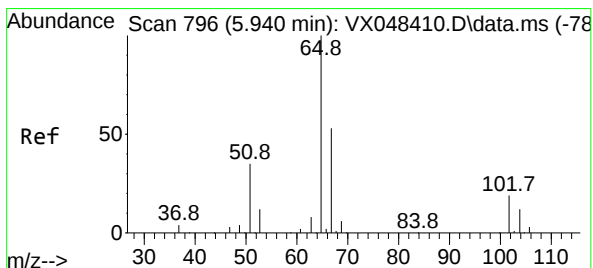
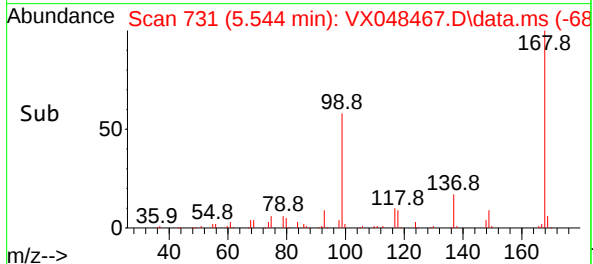
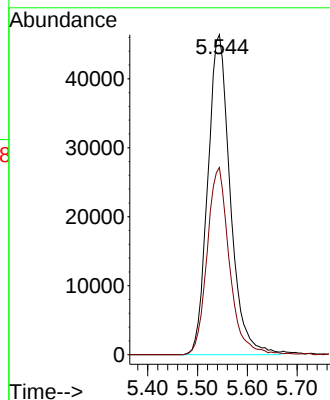
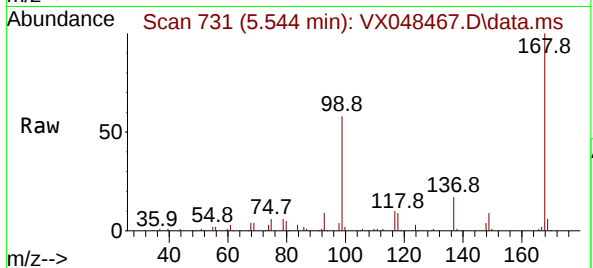




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

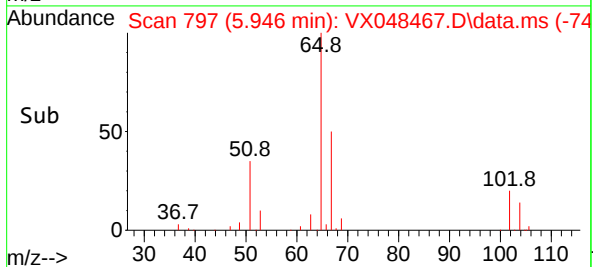
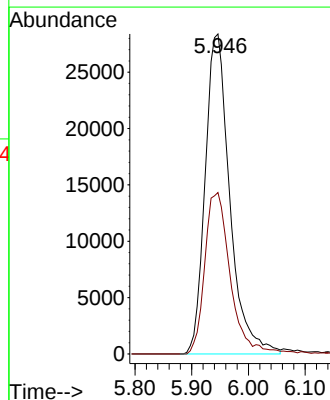
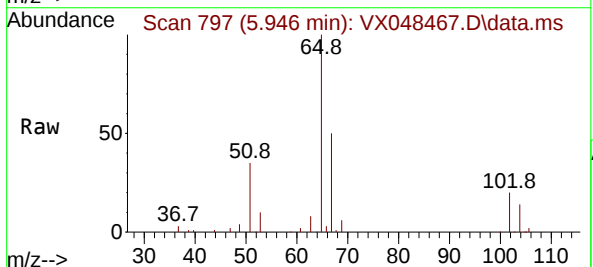
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

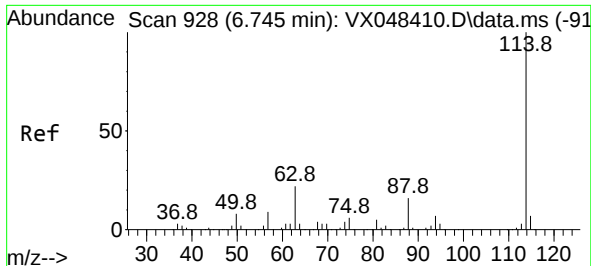
Tgt Ion:168 Resp: 144993
Ion Ratio Lower Upper
168 100
99 58.5 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 41.080 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

Tgt Ion: 65 Resp: 85660
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

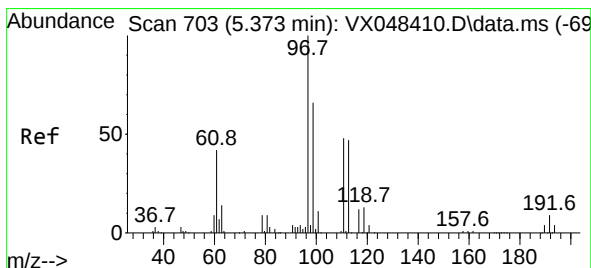
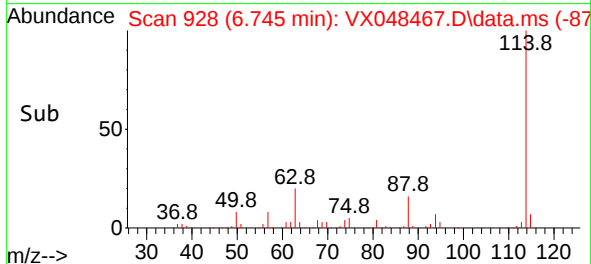
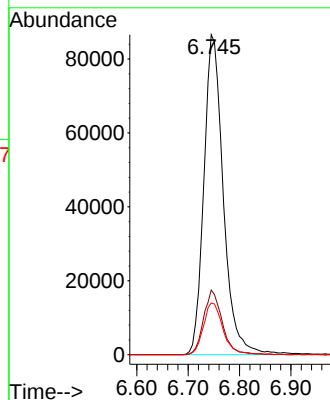
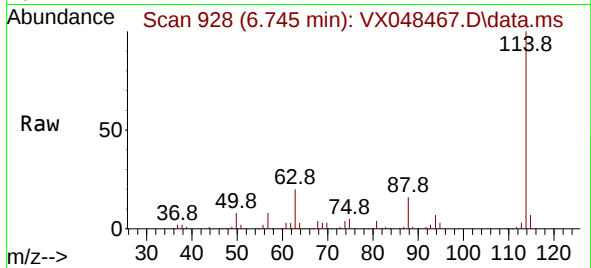




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX048467.D
 Acq: 03 Nov 2025 18:46

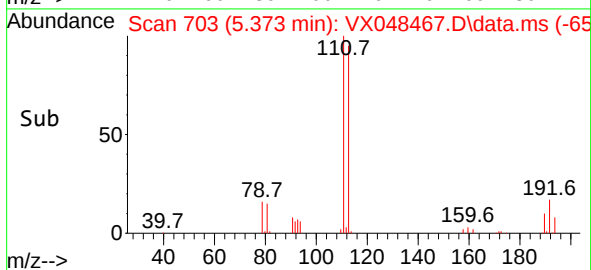
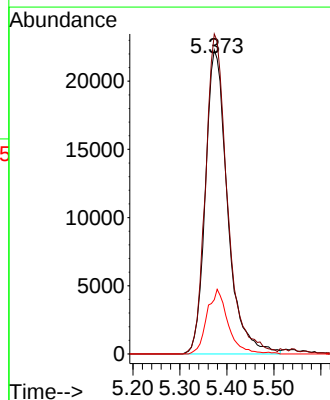
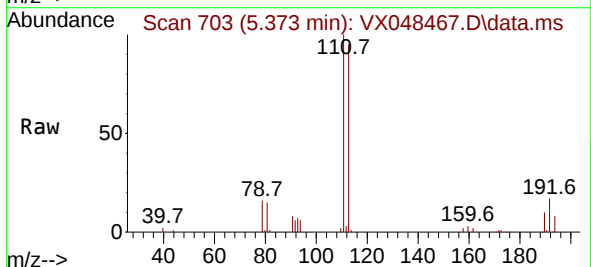
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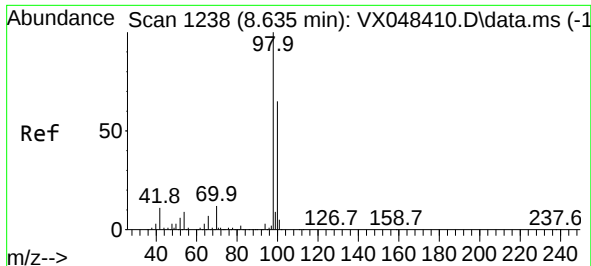
Tgt Ion:114 Resp: 227379
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.2
 88 16.1 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 56.173 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. 0.000 min
 Lab File: VX048467.D
 Acq: 03 Nov 2025 18:46

Tgt Ion:113 Resp: 72821
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.2 123.4
 192 20.1 15.1 22.7

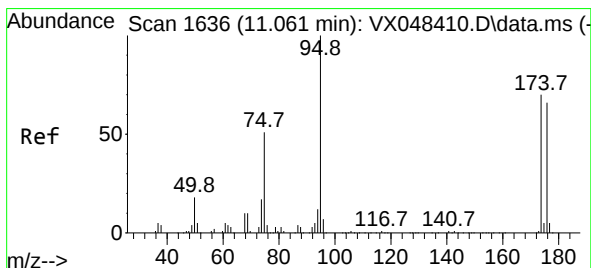
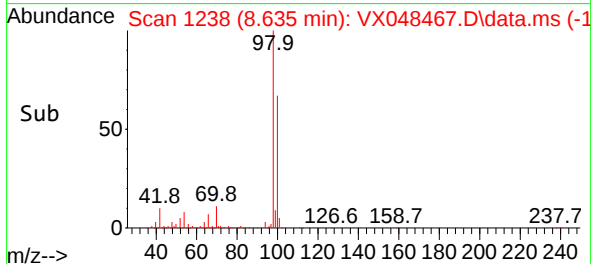
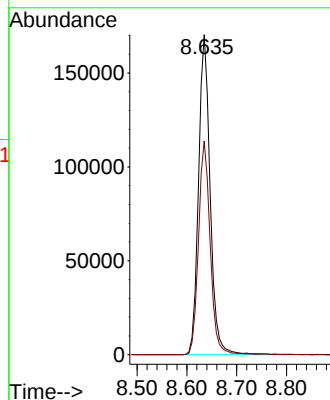
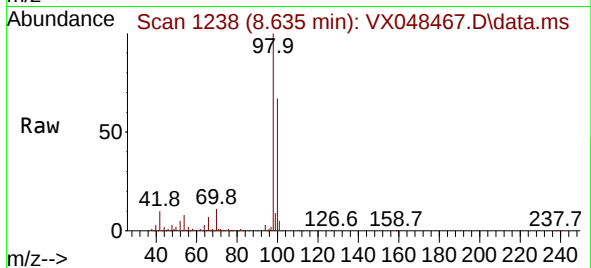




#50
Toluene-d8
Concen: 48.115 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

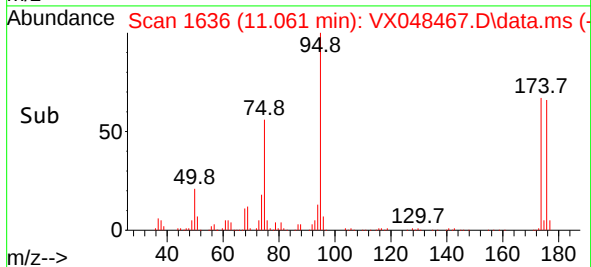
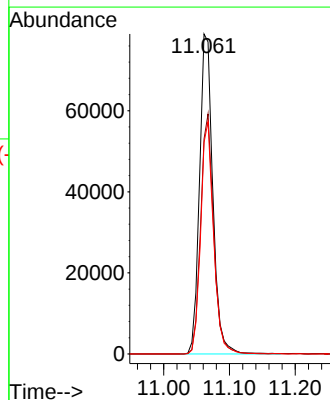
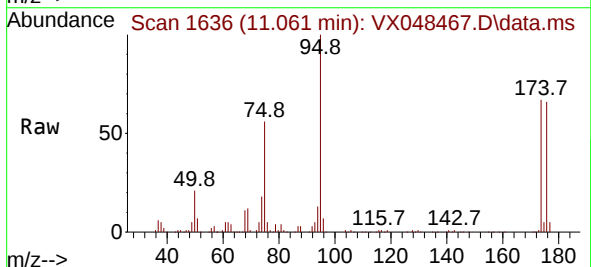
Instrument :
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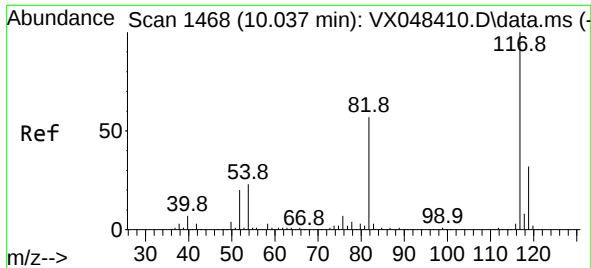
Tgt Ion: 98 Resp: 275341
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.701 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

Tgt Ion: 95 Resp: 110675
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.8
176 70.4 0.0 142.8

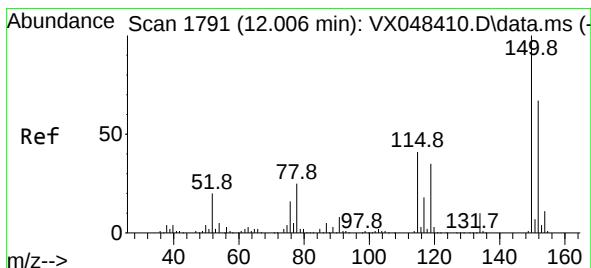
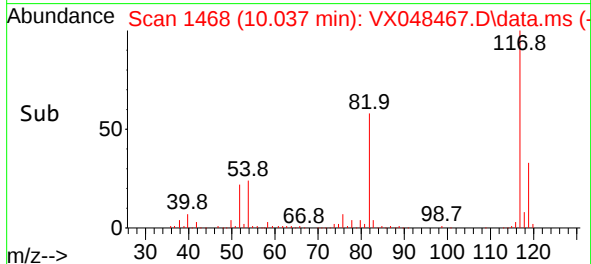
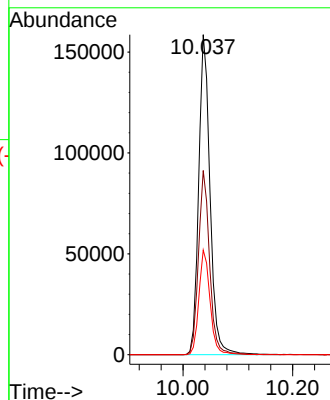
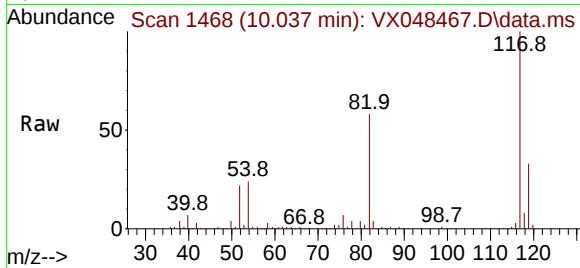




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 228395
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 32.7 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: VX048467.D
Acq: 03 Nov 2025 18:46

Tgt Ion:152 Resp: 109875
Ion Ratio Lower Upper
152 100
115 61.6 43.1 129.4
150 154.5 0.0 353.0

