

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048435.D
 Acq On : 31 Oct 2025 16:10
 Operator : JC/MD
 Sample : Q3506-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 31 23:07:41 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	100740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	213175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	249376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79173	54.647	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.300%
35) Dibromofluoromethane	5.379	113	60179	49.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	8.634	98	291531	54.339	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.680%
62) 4-Bromofluorobenzene	11.061	95	127724	63.641	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	127.280%#

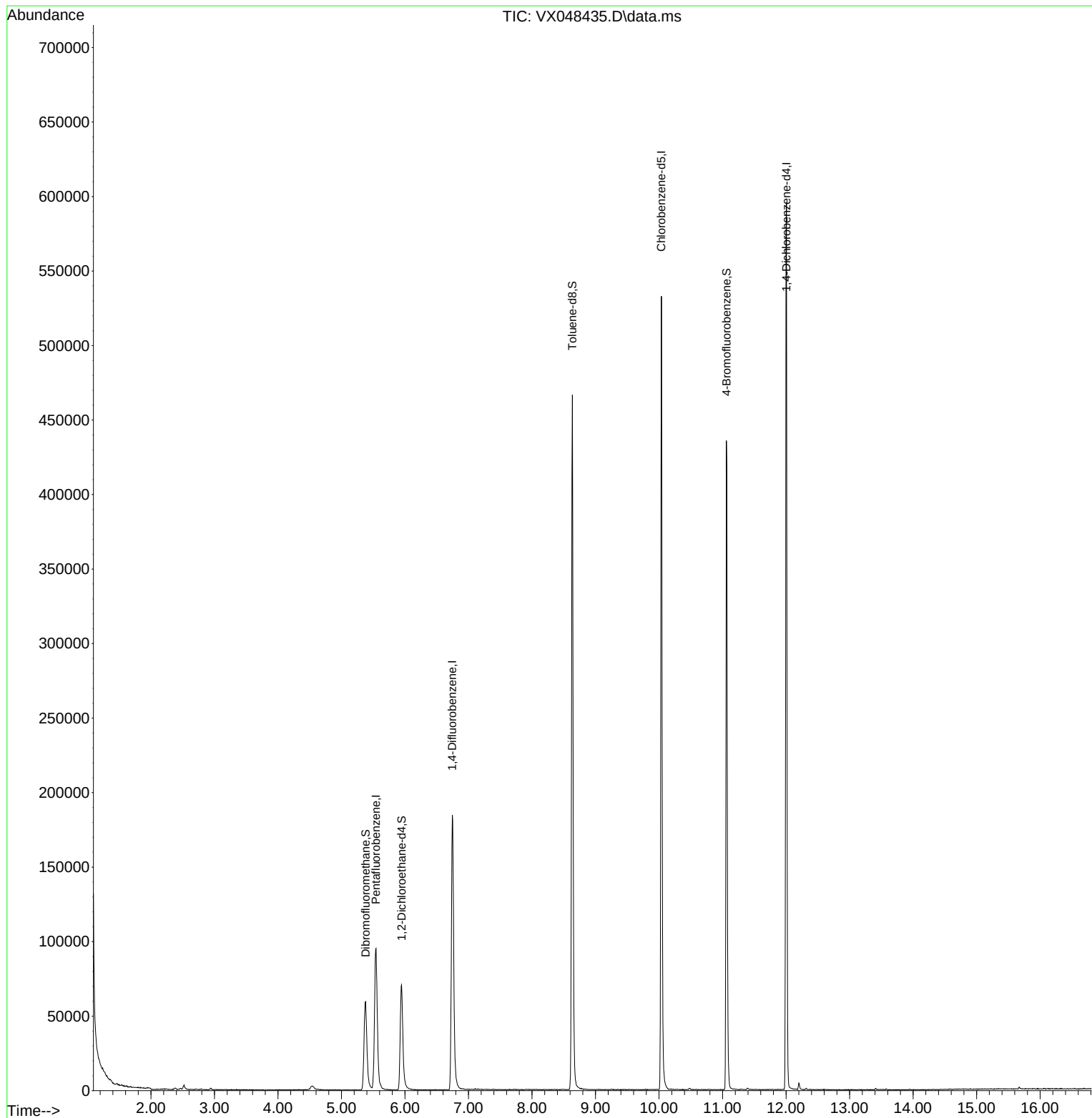
Target Compounds	Qvalue

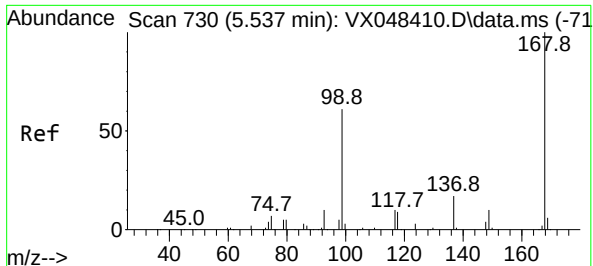
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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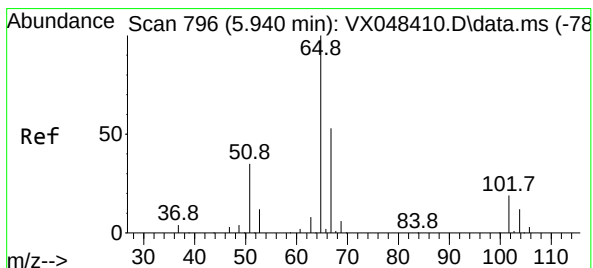
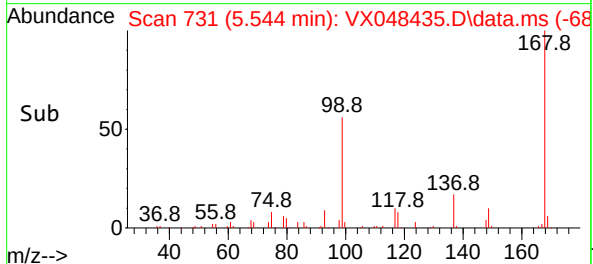
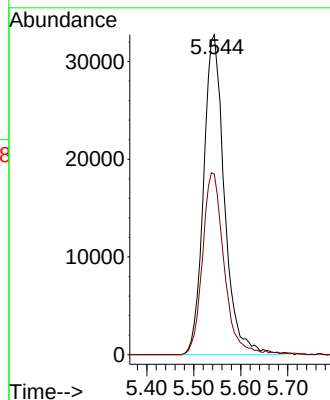
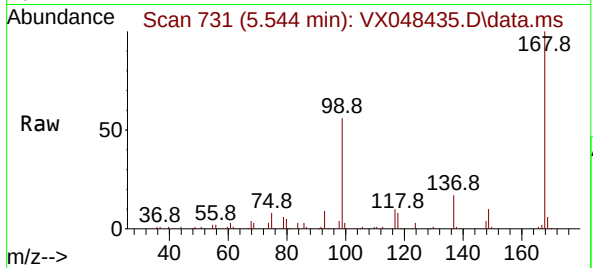




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

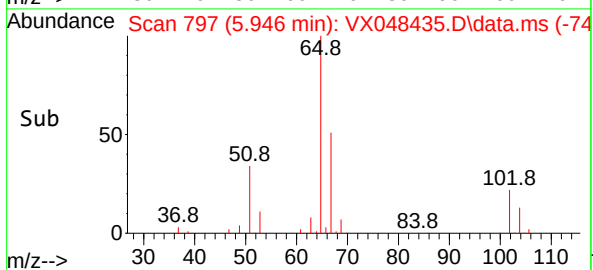
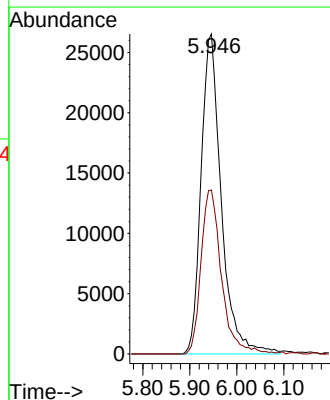
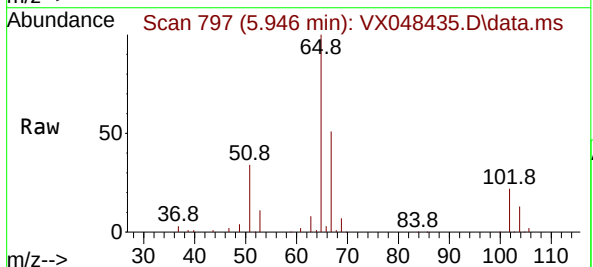
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

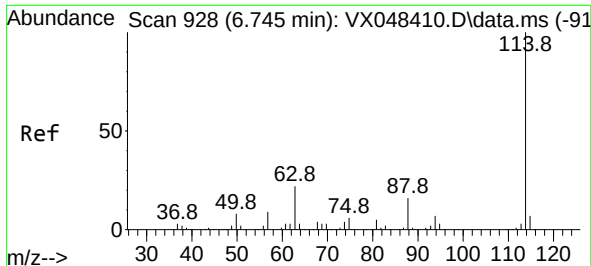
Tgt Ion:168 Resp: 100740
Ion Ratio Lower Upper
168 100
99 56.5 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 54.647 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion: 65 Resp: 79173
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0

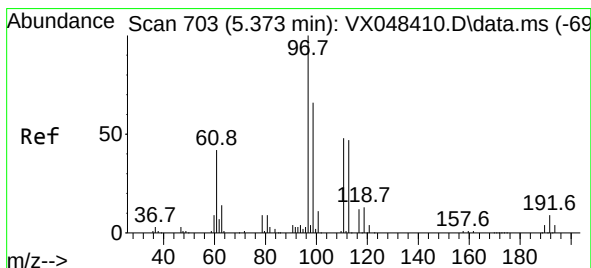
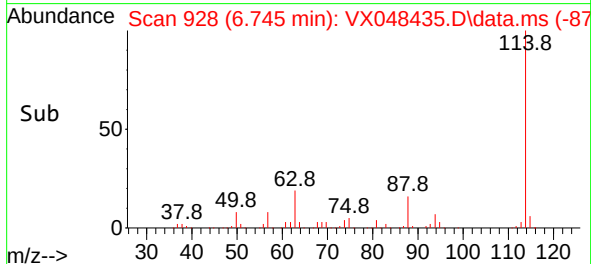
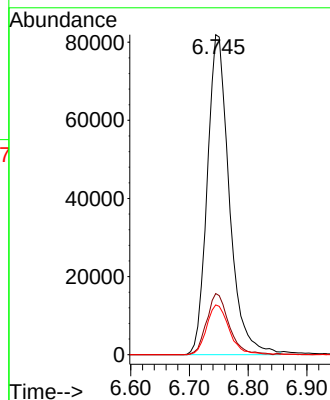
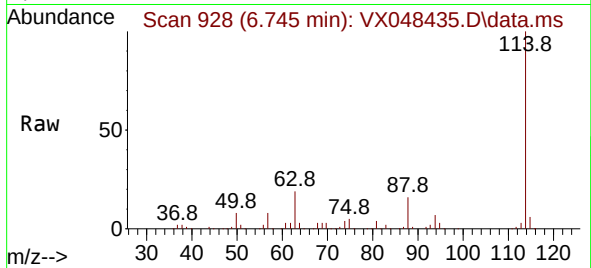




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

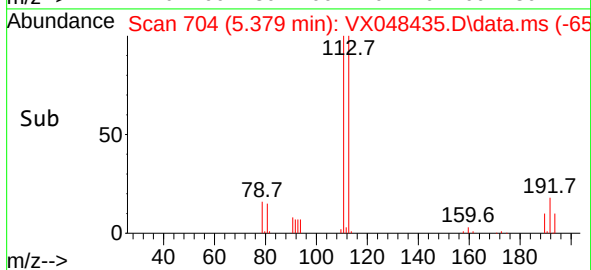
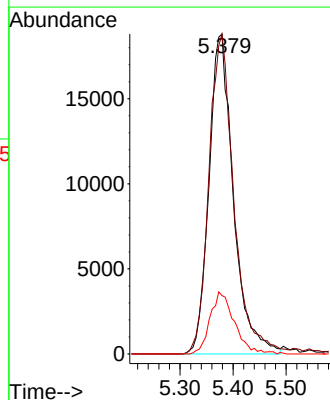
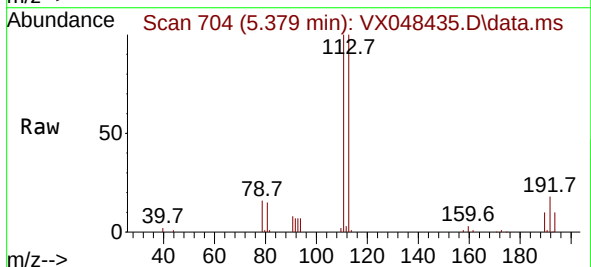
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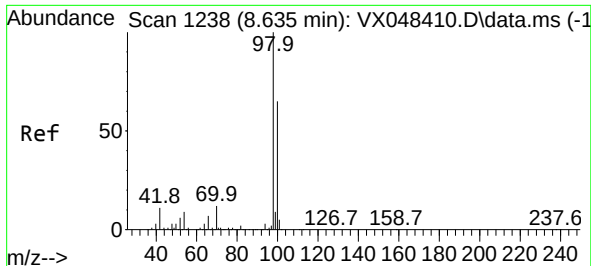
Tgt Ion:114 Resp: 213175
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 15.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.514 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion:113 Resp: 60179
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 19.4 15.1 22.7

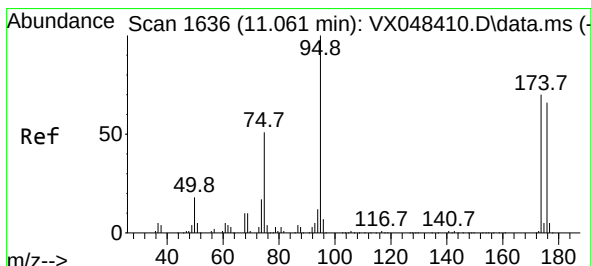
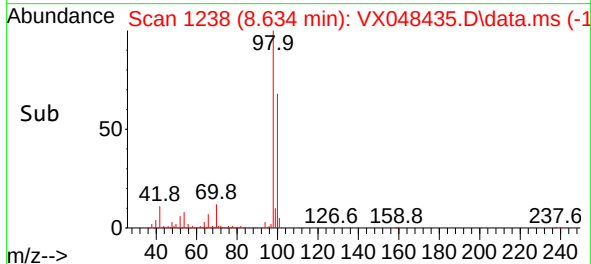
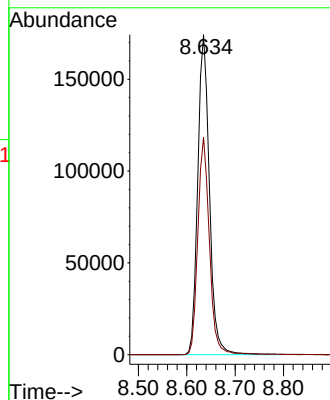
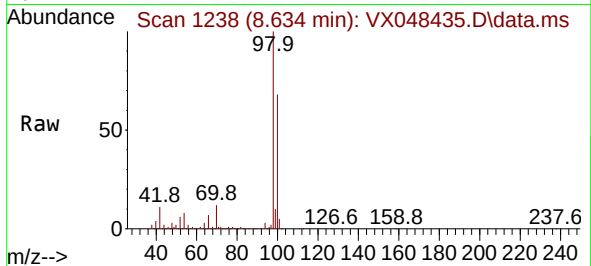




#50
Toluene-d8
Concen: 54.339 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

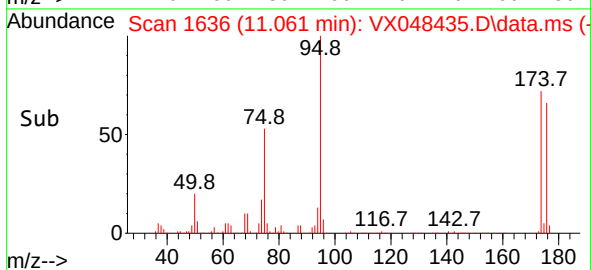
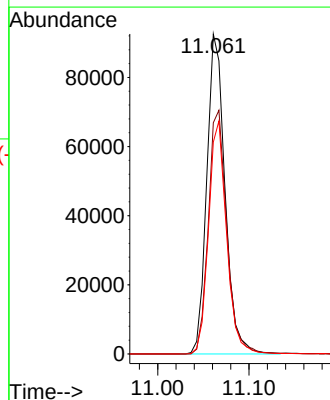
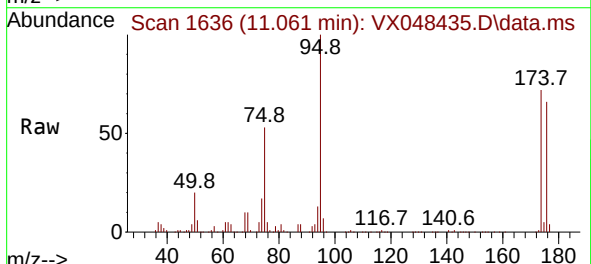
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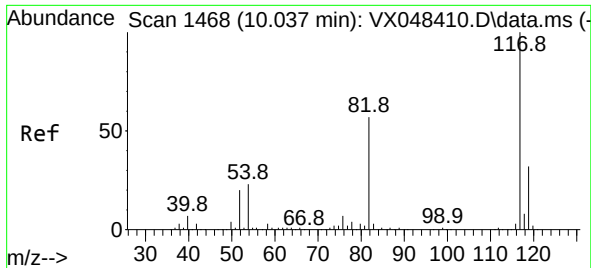
Tgt Ion: 98 Resp: 291531
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 63.641 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion: 95 Resp: 127724
Ion Ratio Lower Upper
95 100
174 77.9 0.0 147.8
176 72.3 0.0 142.8

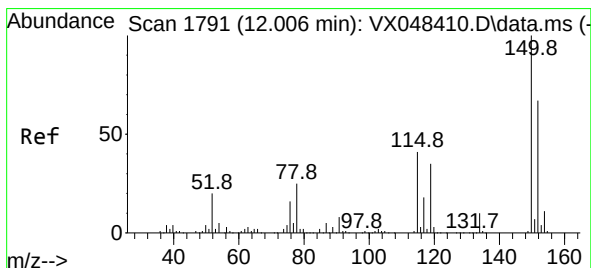
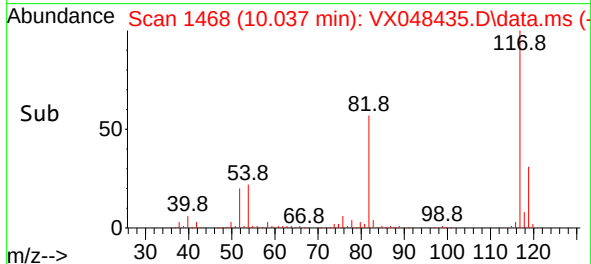
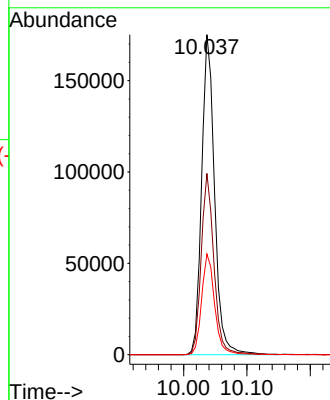
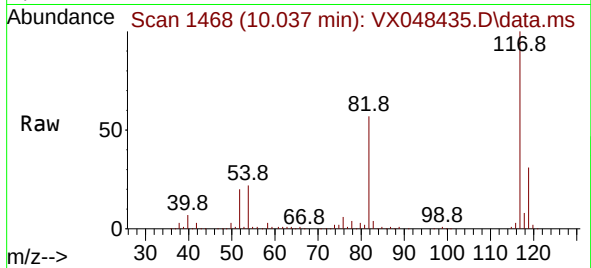




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048435.D
Acq: 31 Oct 2025 16:10

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 249376
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 31.5 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: VX048435.D
Acq: 31 Oct 2025 16:10

Tgt Ion:152 Resp: 130748
Ion Ratio Lower Upper
152 100
115 62.2 43.1 129.4
150 159.4 0.0 353.0

