

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048453.D
 Acq On : 03 Nov 2025 13:58
 Operator : JC/MD
 Sample : Q3506-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 04 00:13:18 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	180470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	313503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	234243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116193	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114016	43.929	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.860%
35) Dibromofluoromethane	5.373	113	86753	48.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
50) Toluene-d8	8.634	98	298768	37.867	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	75.740%#
62) 4-Bromofluorobenzene	11.061	95	114814	38.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.800%#

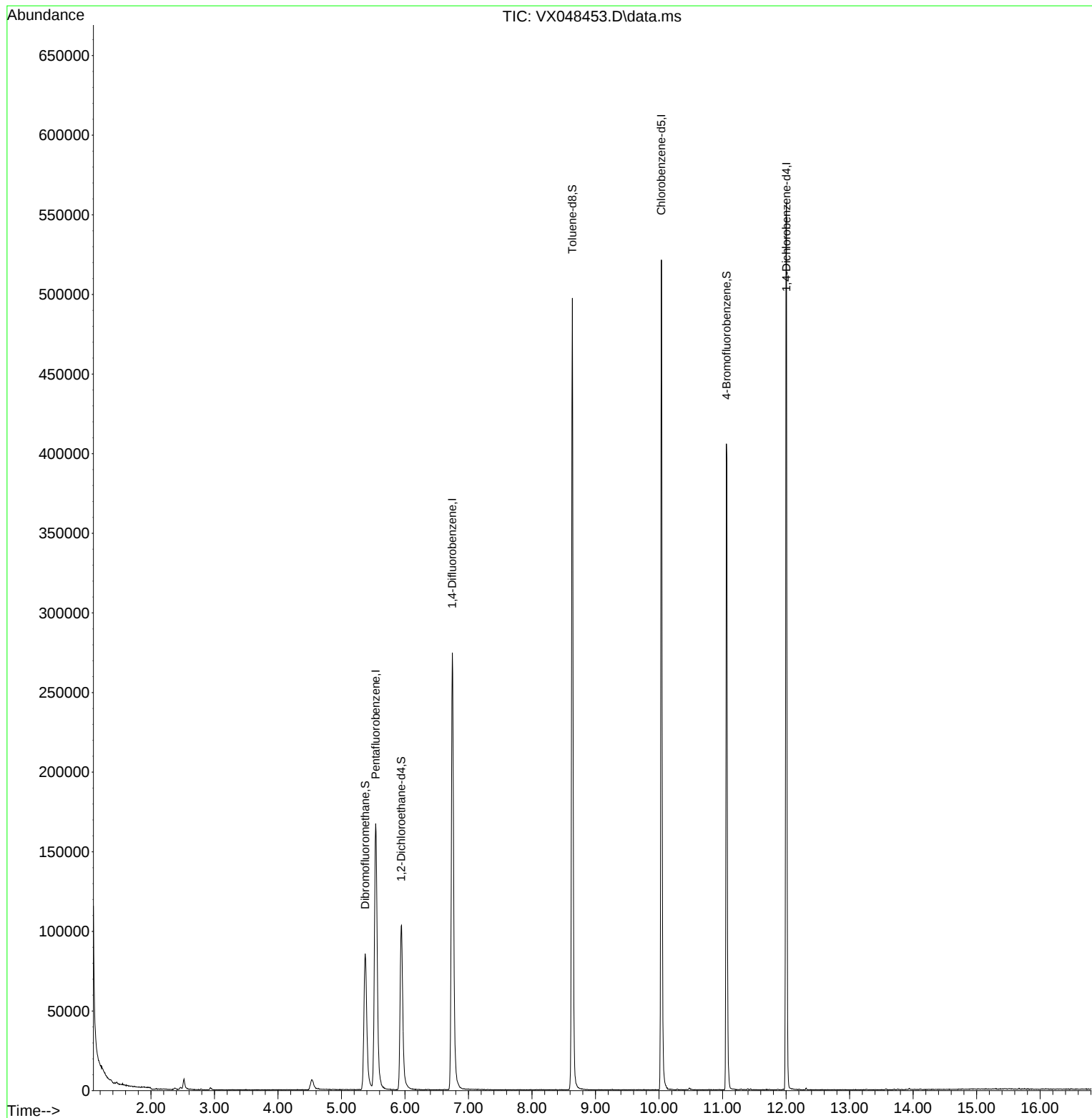
Target Compounds	Qvalue

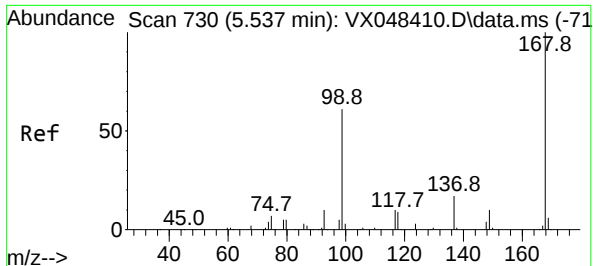
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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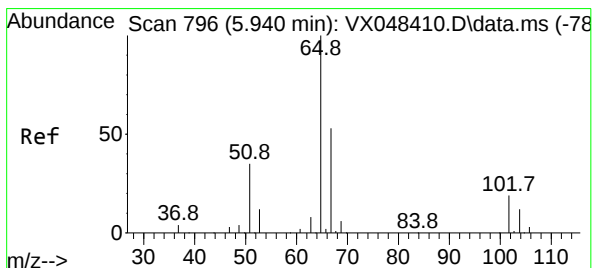
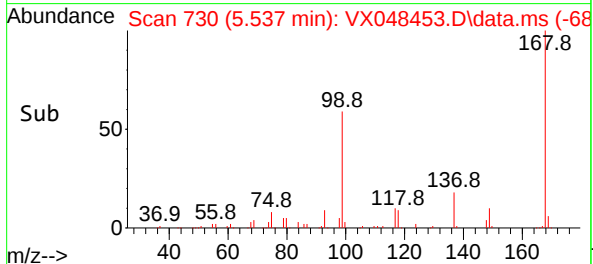
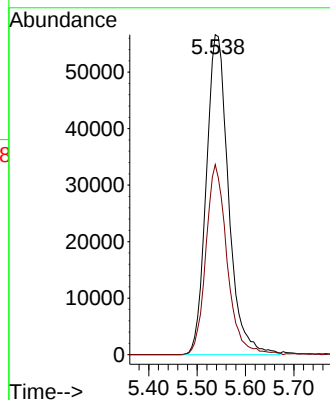
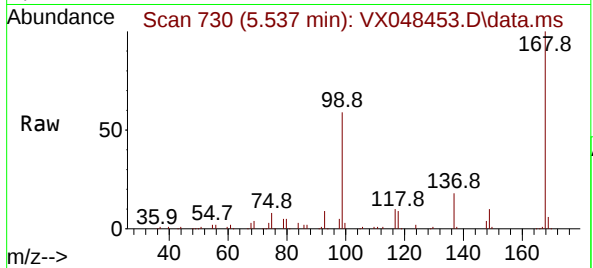




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

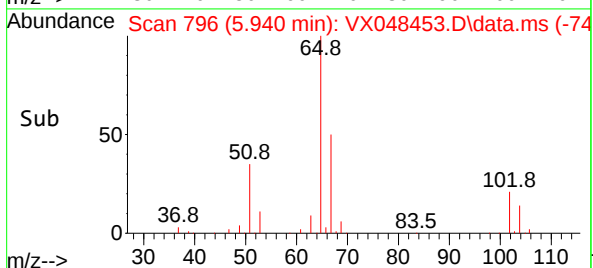
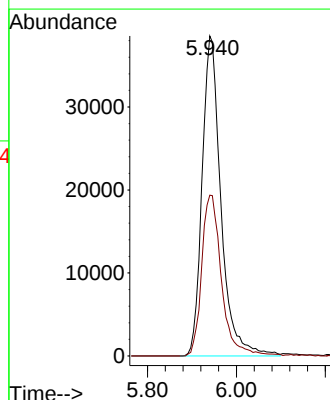
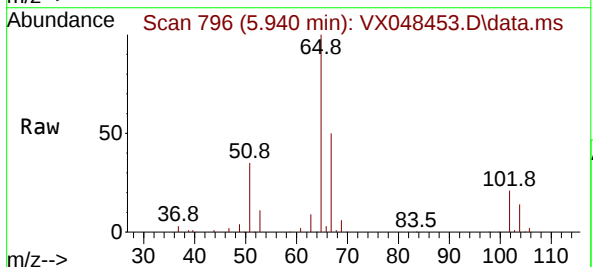
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4RE

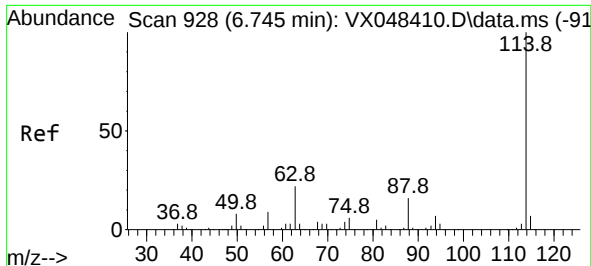
Tgt Ion:168 Resp: 180470
Ion Ratio Lower Upper
168 100
99 59.4 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 43.929 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

Tgt Ion: 65 Resp: 114016
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

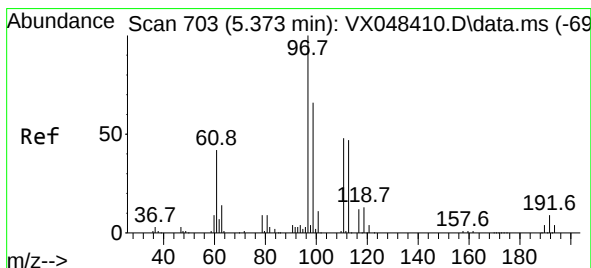
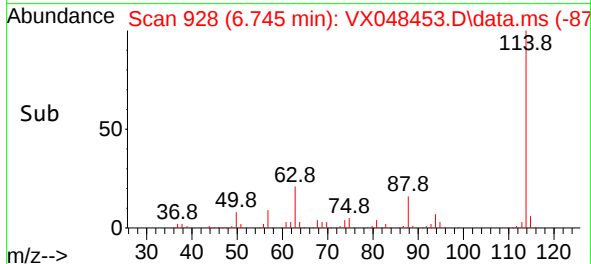
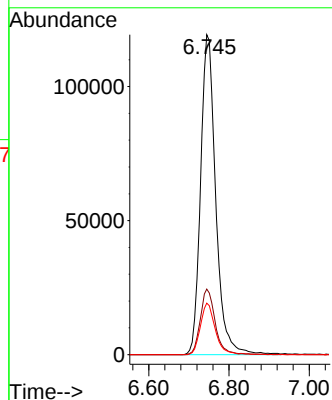
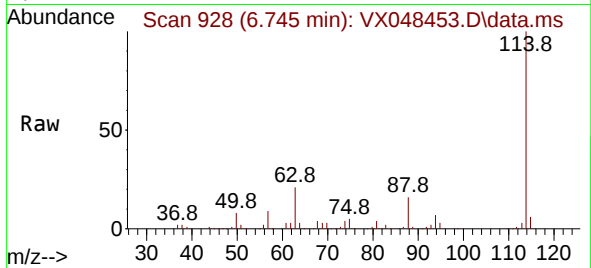




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

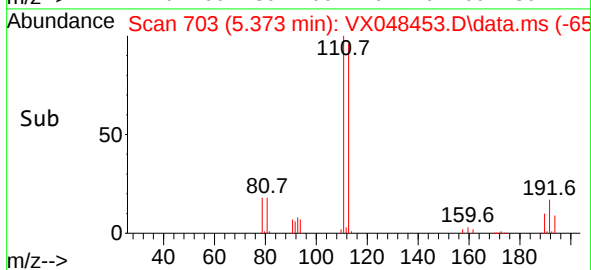
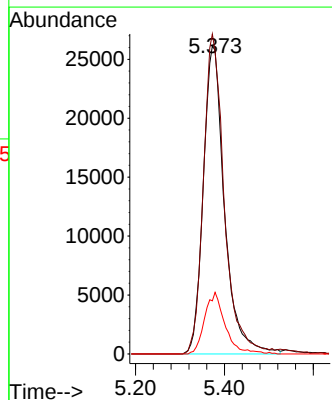
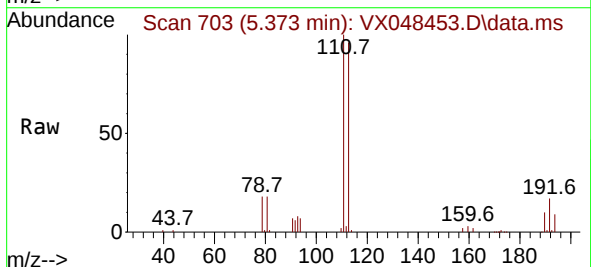
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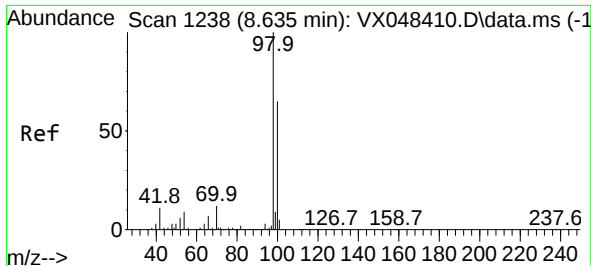
Tgt Ion:114 Resp: 313503
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 48.536 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

Tgt Ion:113 Resp: 86753
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.3 15.1 22.7

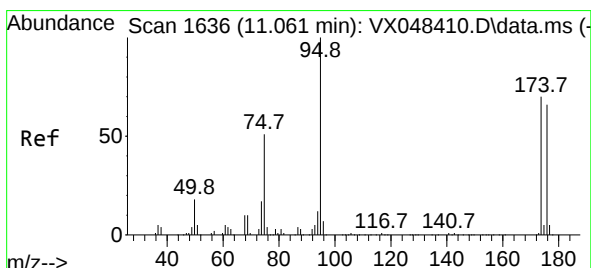
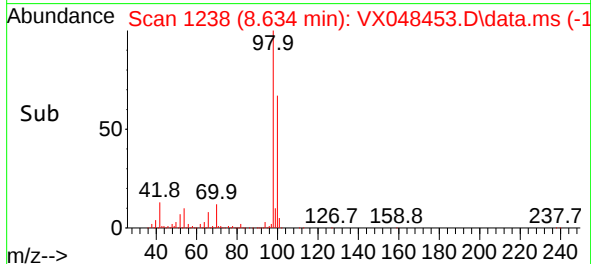
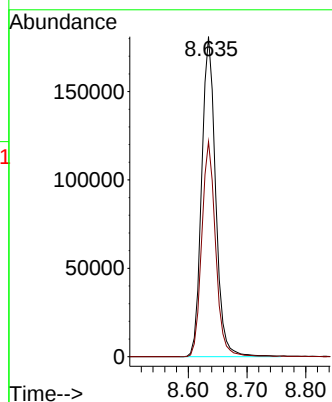
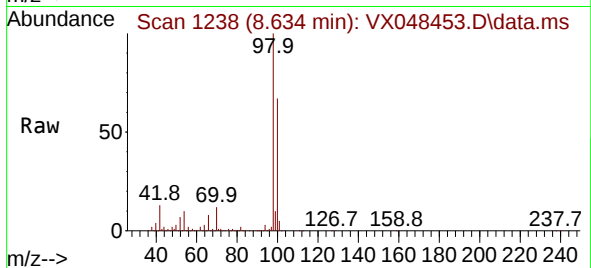




#50
Toluene-d8
Concen: 37.867 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

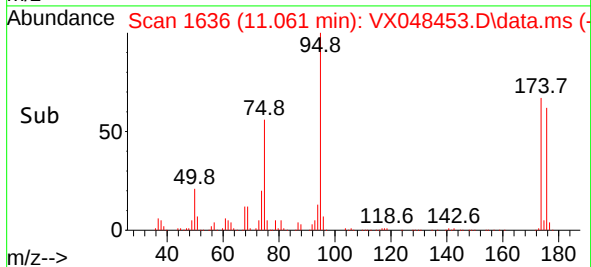
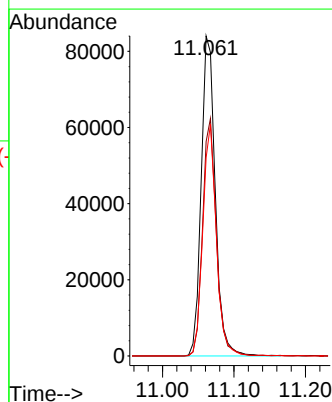
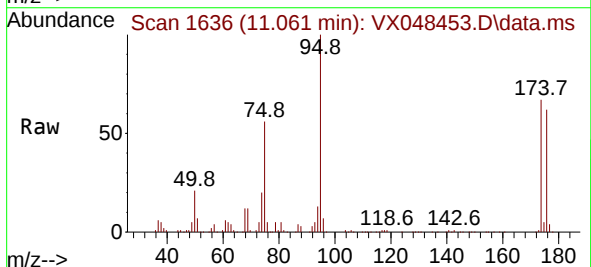
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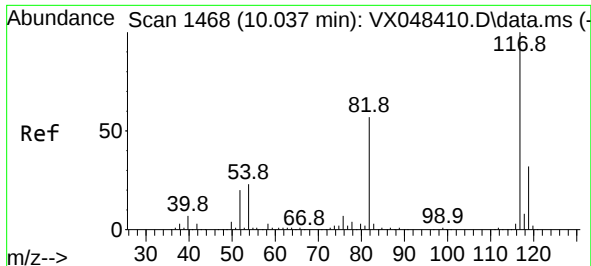
Tgt Ion: 98 Resp: 298768
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 38.900 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

Tgt Ion: 95 Resp: 114814
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.8
176 70.1 0.0 142.8

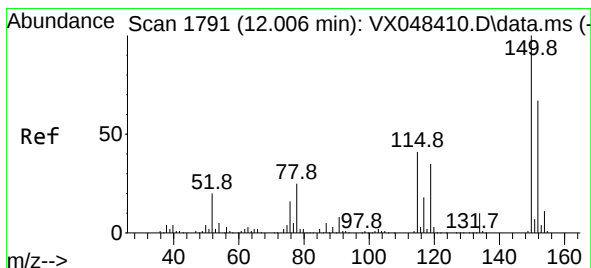
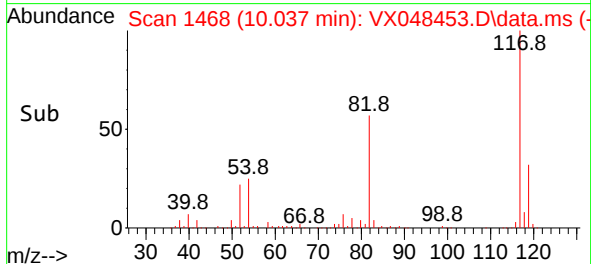
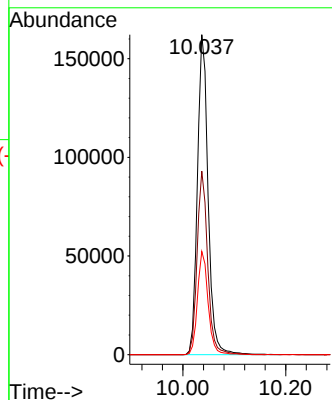
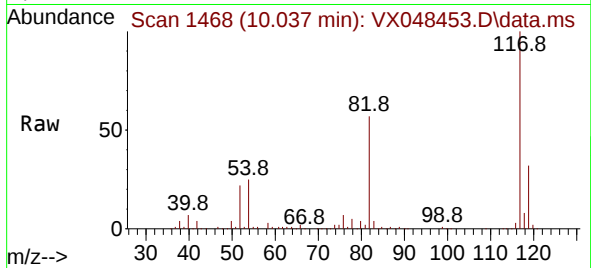




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048453.D
Acq: 03 Nov 2025 13:58

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

Tgt Ion:117 Resp: 234243
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 32.3 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: VX048453.D
Acq: 03 Nov 2025 13:58

Tgt Ion:152 Resp: 116193
Ion Ratio Lower Upper
152 100
115 61.1 43.1 129.4
150 154.5 0.0 353.0

