

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048439.D
 Acq On : 31 Oct 2025 17:33
 Operator : JC/MD
 Sample : Q3507-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Quant Time: Oct 31 23:09:13 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)

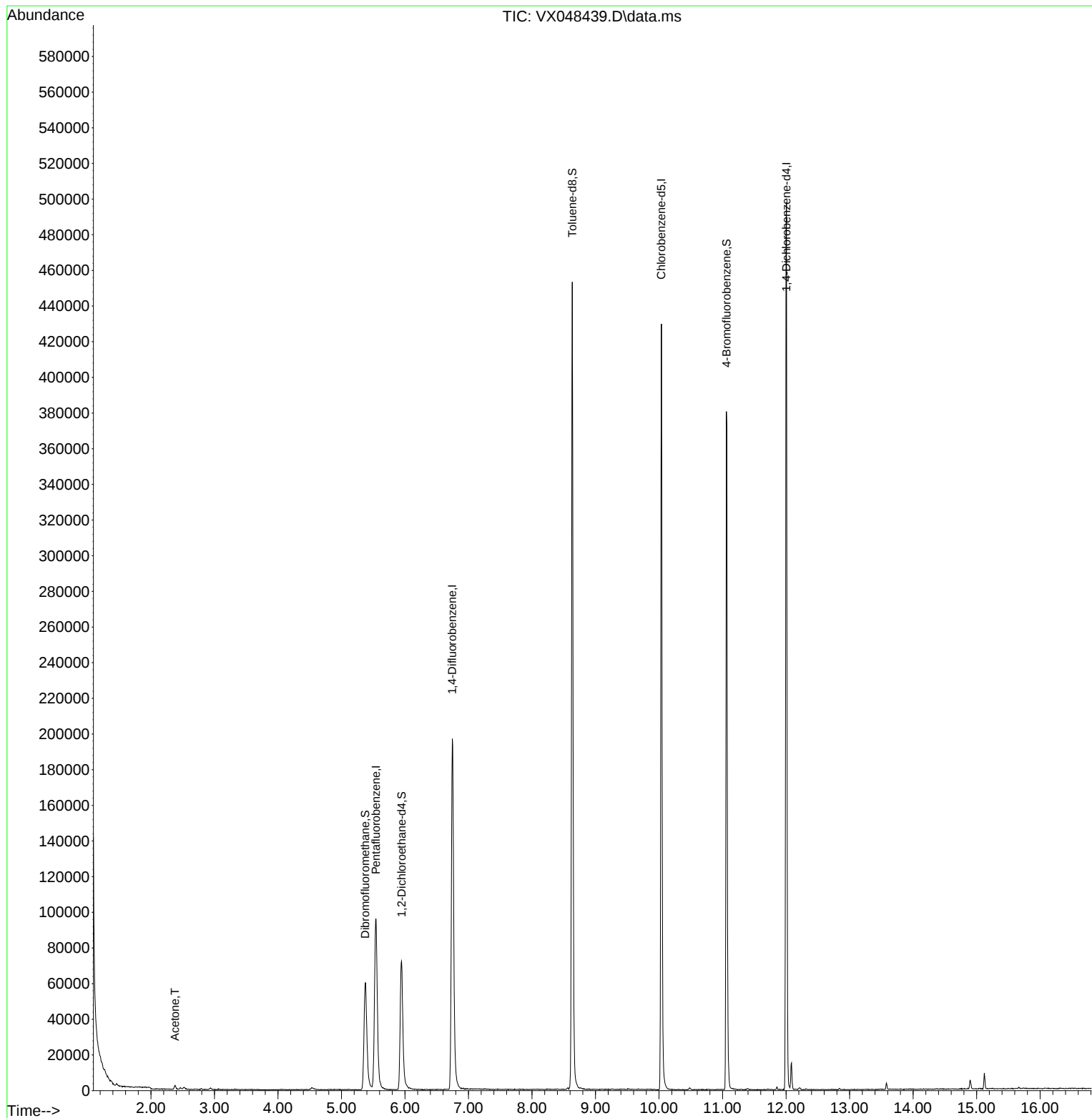
Internal Standards						
1) Pentafluorobenzene	5.544	168	104739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	226642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80310	53.316	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.640%
35) Dibromofluoromethane	5.373	113	59966	46.407	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.820%
50) Toluene-d8	8.635	98	276642	48.500	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.061	95	115745	54.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.500%
Target Compounds						
16) Acetone	2.380	43	3042	8.910	ug/l	Qvalue 94

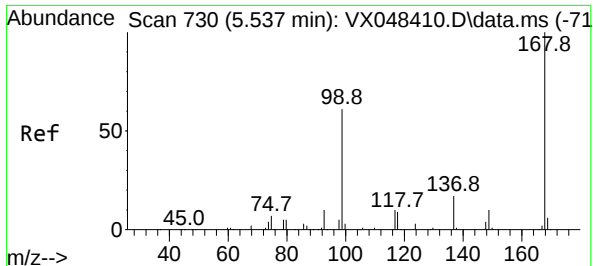
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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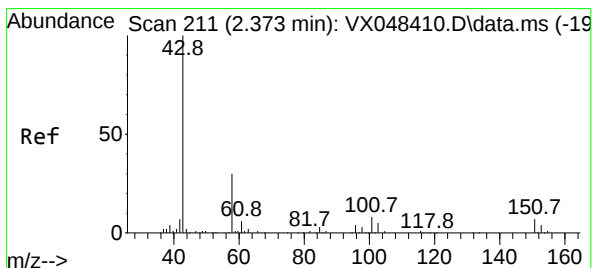
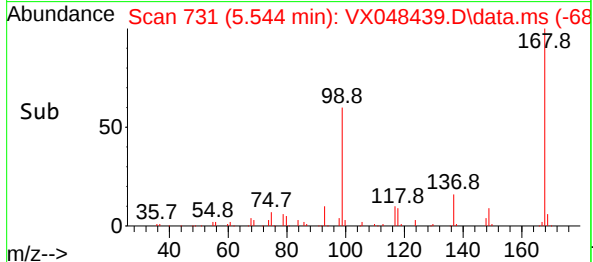
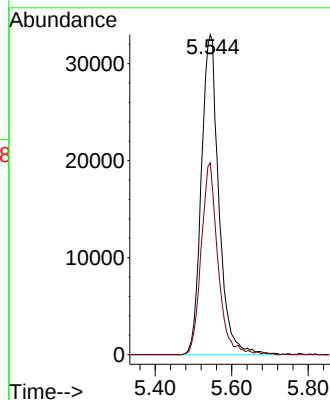
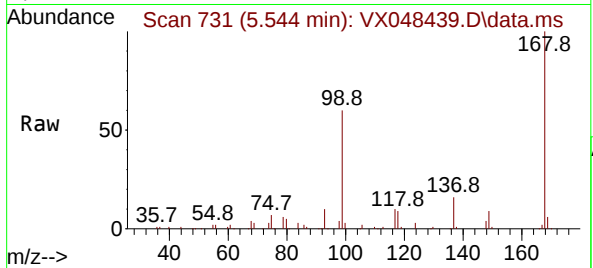




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048439.D
Acq: 31 Oct 2025 17:33

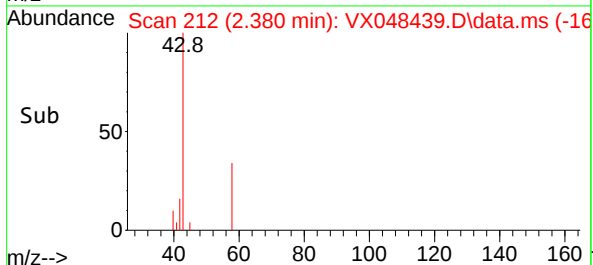
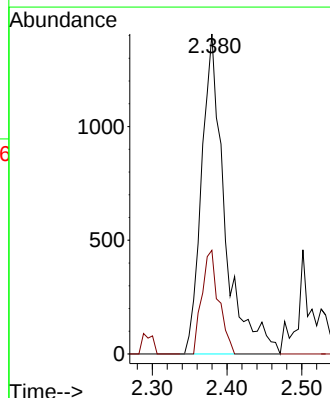
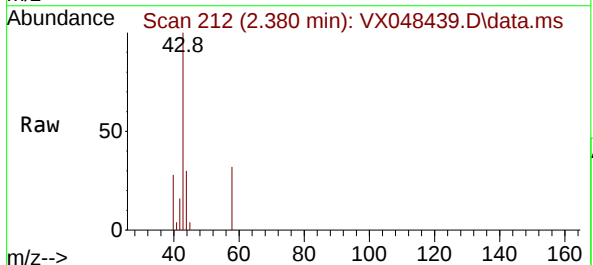
Instrument :
MSVOA_X
ClientSampleId :
SW-1

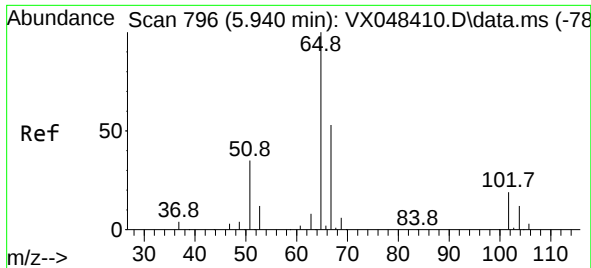
Tgt Ion:168 Resp: 104739
Ion Ratio Lower Upper
168 100
99 59.9 46.4 69.6



#16
Acetone
Concen: 8.910 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048439.D
Acq: 31 Oct 2025 17:33

Tgt Ion: 43 Resp: 3042
Ion Ratio Lower Upper
43 100
58 32.4 23.4 35.2

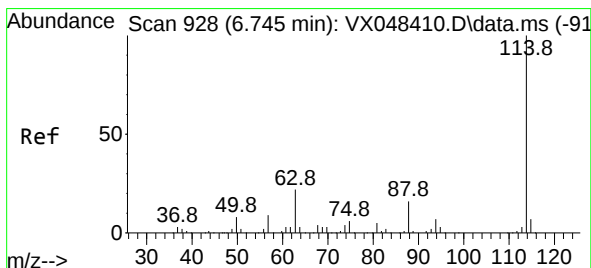
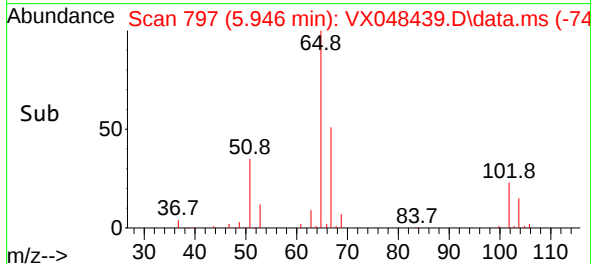
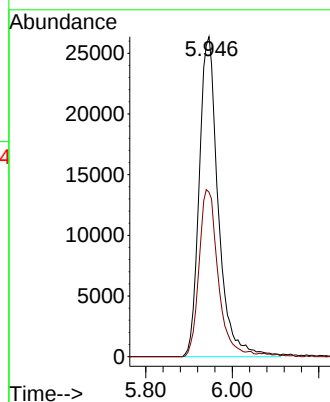
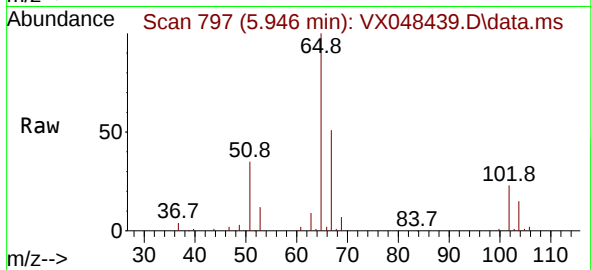




#33
 1,2-Dichloroethane-d4
 Concen: 53.316 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048439.D
 Acq: 31 Oct 2025 17:33

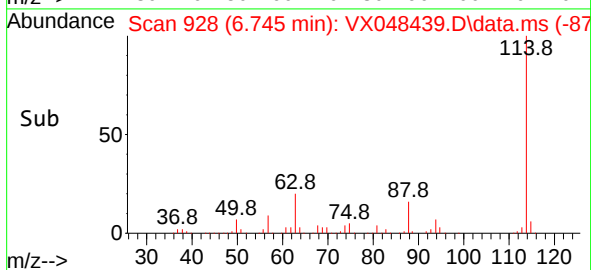
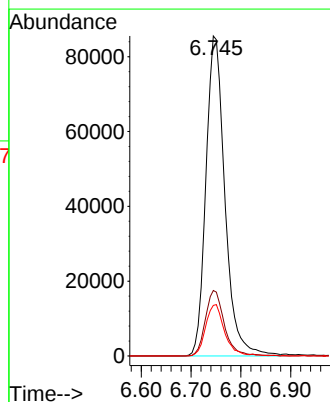
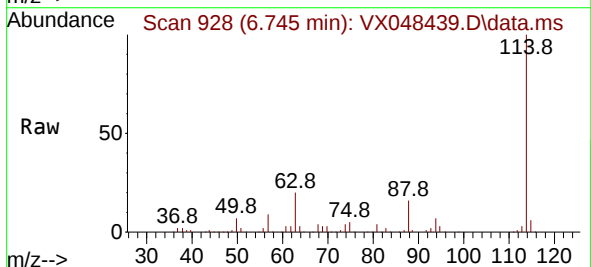
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

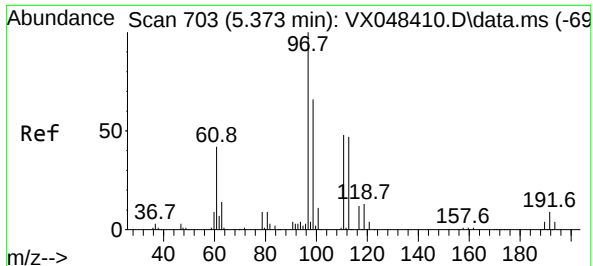
Tgt Ion: 65 Resp: 80310
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048439.D
 Acq: 31 Oct 2025 17:33

Tgt Ion: 114 Resp: 226642
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.2
 88 16.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 46.407 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048439.D

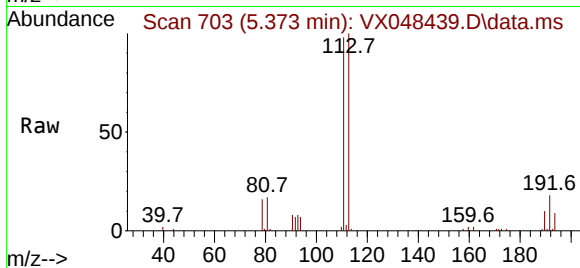
Acq: 31 Oct 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

SW-1



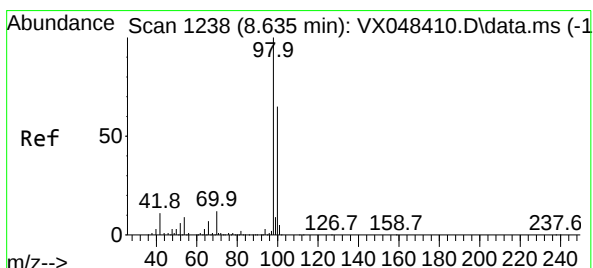
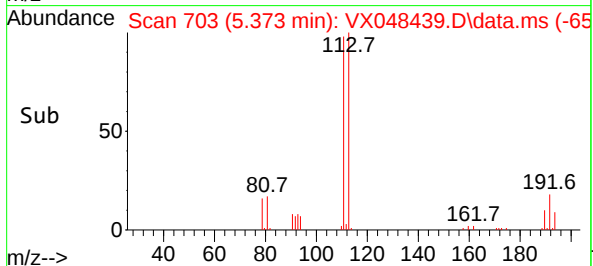
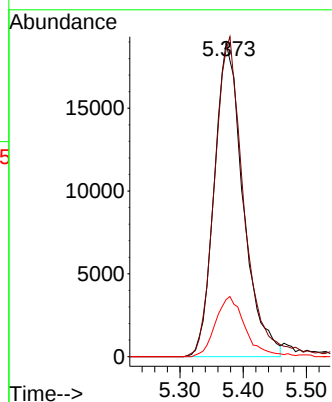
Tgt Ion:113 Resp: 59966

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 19.7 15.1 22.7



#50

Toluene-d8

Concen: 48.500 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048439.D

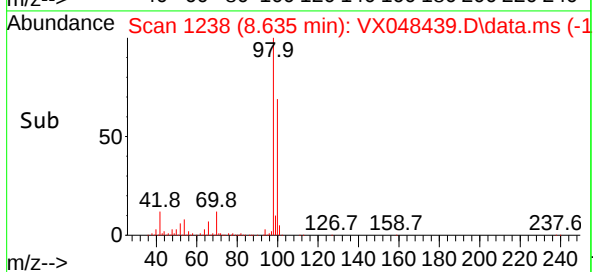
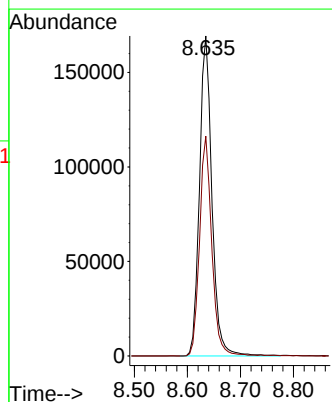
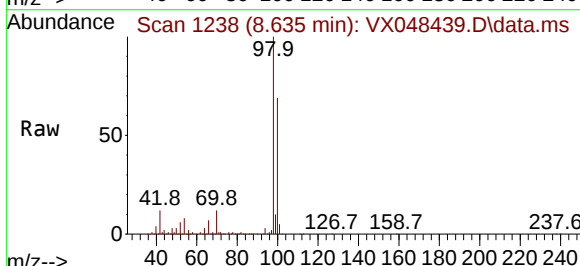
Acq: 31 Oct 2025 17:33

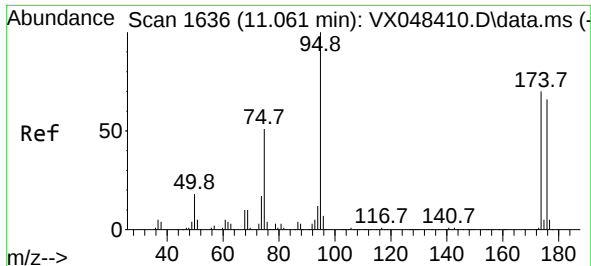
Tgt Ion: 98 Resp: 276642

Ion Ratio Lower Upper

98 100

100 67.4 53.0 79.4

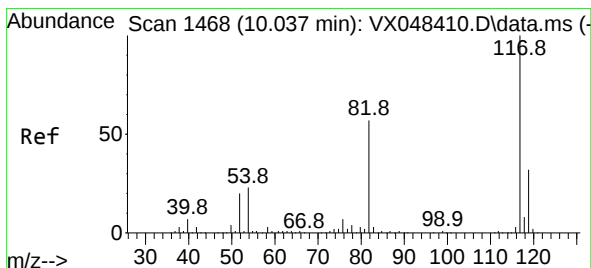
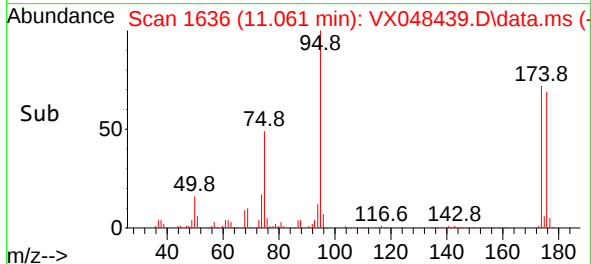
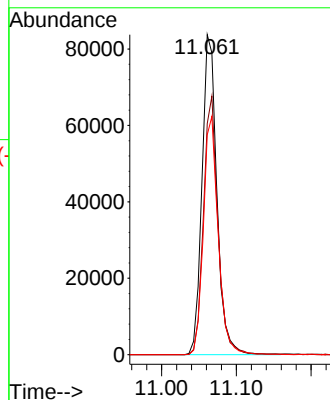
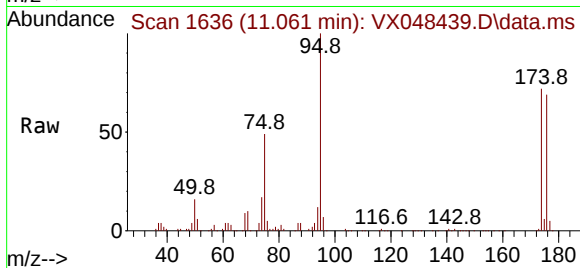




#62
4-Bromofluorobenzene
Concen: 54.245 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048439.D
Acq: 31 Oct 2025 17:33

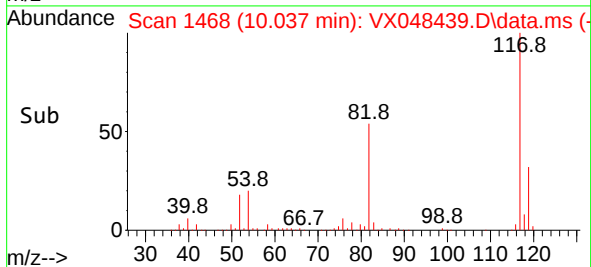
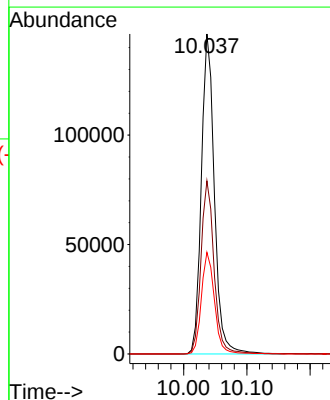
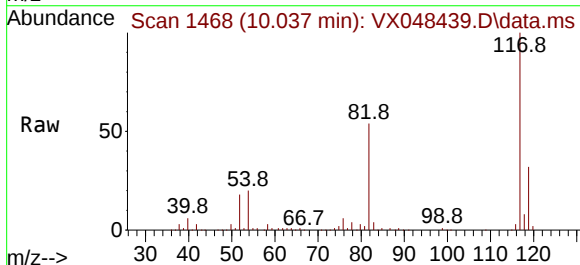
Instrument :
MSVOA_X
ClientSampleId :
SW-1

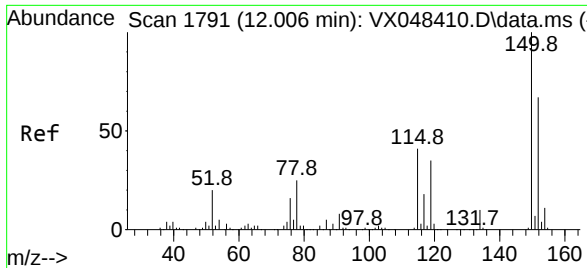
Tgt Ion: 95 Resp: 115745
Ion Ratio Lower Upper
95 100
174 78.9 0.0 147.8
176 74.2 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048439.D
Acq: 31 Oct 2025 17:33

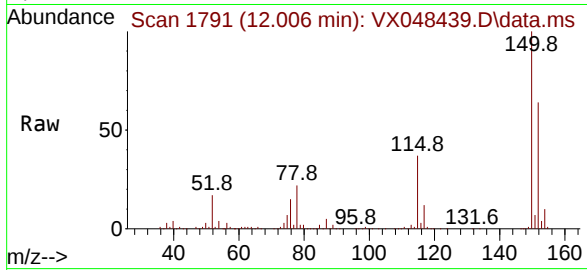
Tgt Ion: 117 Resp: 210025
Ion Ratio Lower Upper
117 100
82 54.1 46.5 69.7
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048439.D
 Acq: 31 Oct 2025 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1



Tgt Ion:152 Resp: 116091
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.1 129.4
 150 158.0 0.0 353.0

