

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048440.D
 Acq On : 31 Oct 2025 17:54
 Operator : JC/MD
 Sample : Q3508-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Quant Time: Oct 31 23:09:35 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)

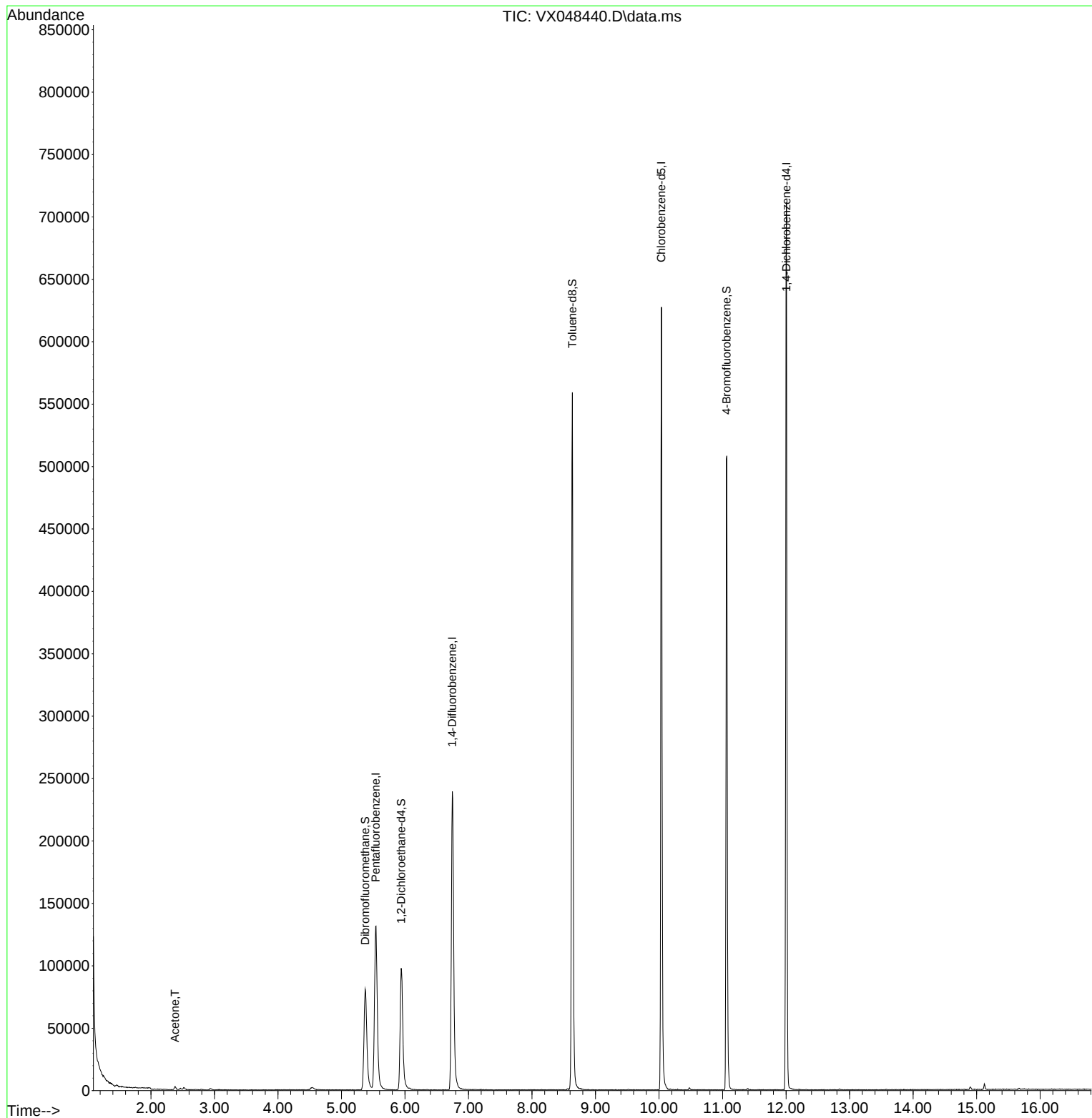
Internal Standards						
1) Pentafluorobenzene	5.537	168	140573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	277552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	304691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107570	53.209	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.420%		
35) Dibromofluoromethane	5.373	113	82332	52.029	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.060%		
50) Toluene-d8	8.634	98	351112	50.265	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.520%		
62) 4-Bromofluorobenzene	11.061	95	150235	57.494	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.980%		
Target Compounds						
16) Acetone	2.380	43	3663	7.994	ug/l	Qvalue 92

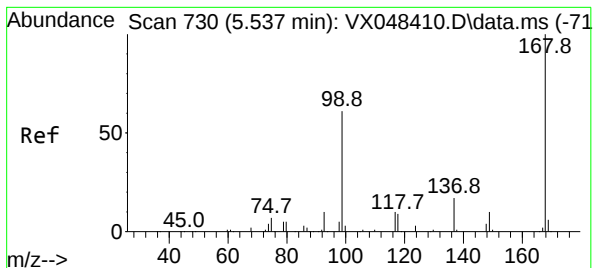
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX048440.D

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MSVOA_X

ClientSampleId :

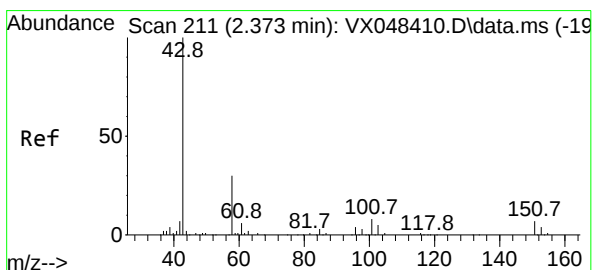
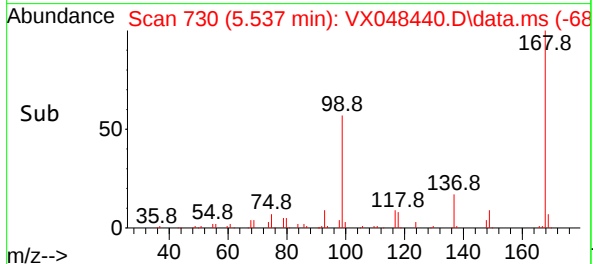
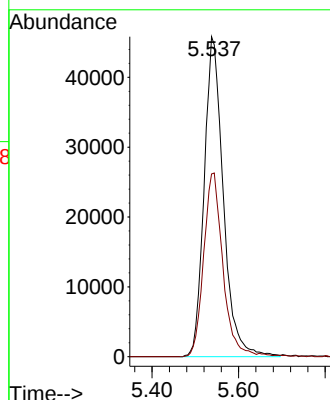
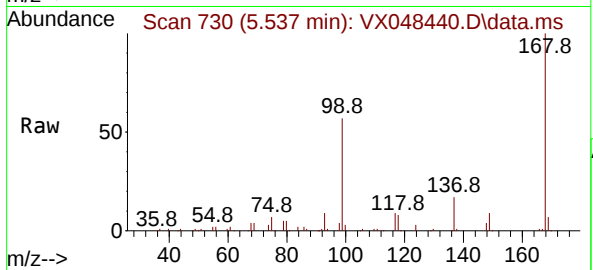
SW-1

Tgt Ion:168 Resp: 140573

Ion Ratio Lower Upper

168 100

99 57.1 46.4 69.6



#16

Acetone

Concen: 7.994 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX048440.D

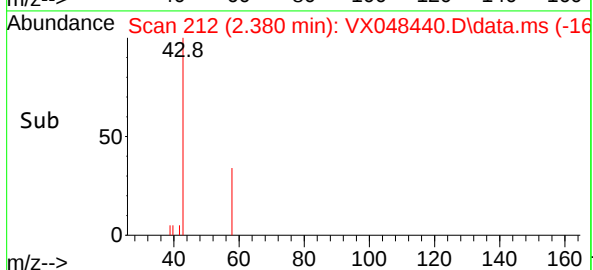
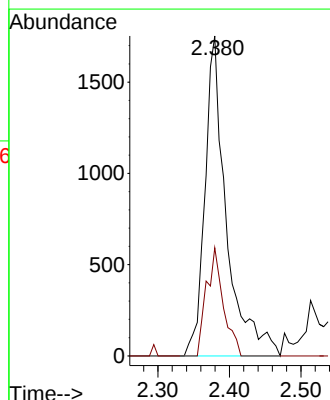
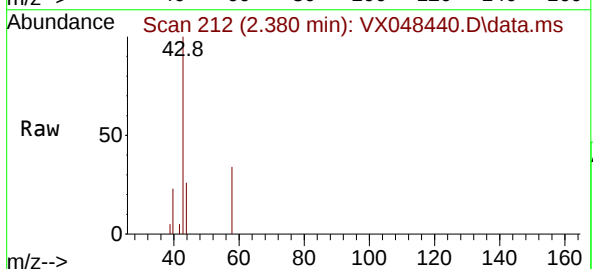
Acq: 31 Oct 2025 17:54

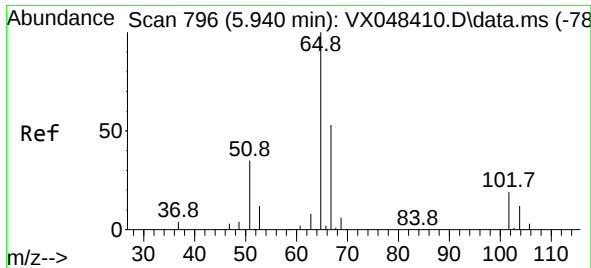
Tgt Ion: 43 Resp: 3663

Ion Ratio Lower Upper

43 100

58 33.8 23.4 35.2

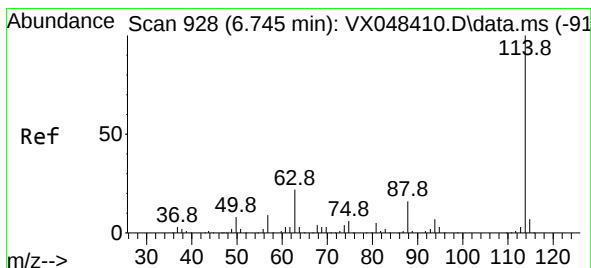
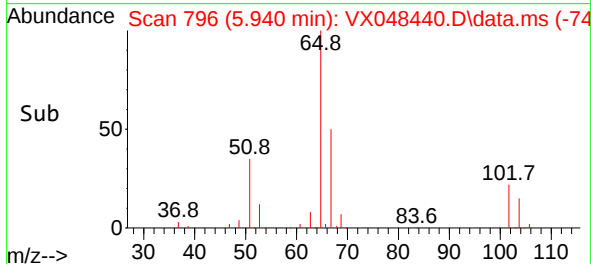
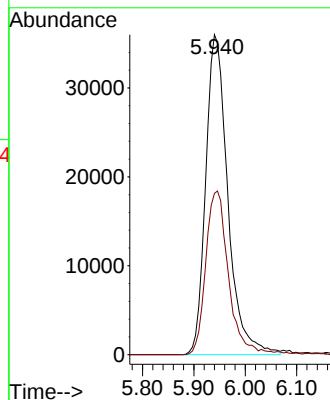
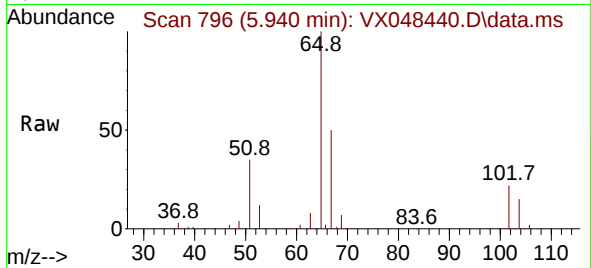




#33
 1,2-Dichloroethane-d4
 Concen: 53.209 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048440.D
 Acq: 31 Oct 2025 17:54

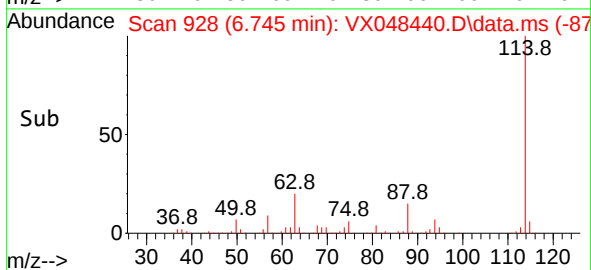
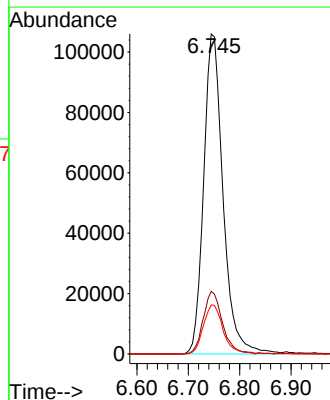
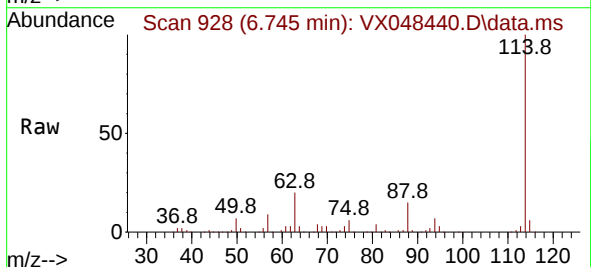
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

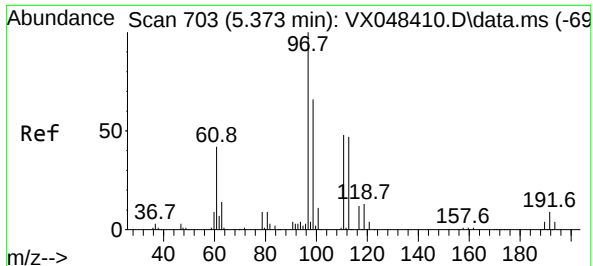
Tgt Ion: 65 Resp: 107570
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048440.D
 Acq: 31 Oct 2025 17:54

Tgt Ion: 114 Resp: 277552
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.2
 88 15.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.029 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048440.D

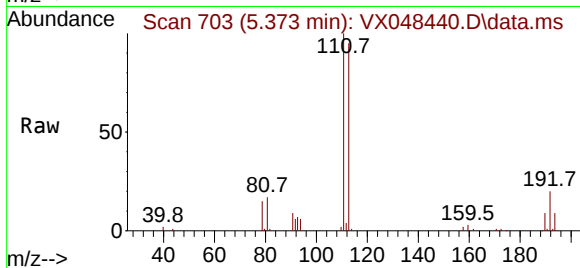
Acq: 31 Oct 2025 17:54

Instrument :

MSVOA_X

ClientSampleId :

SW-1



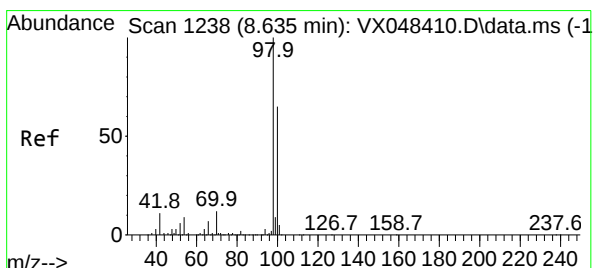
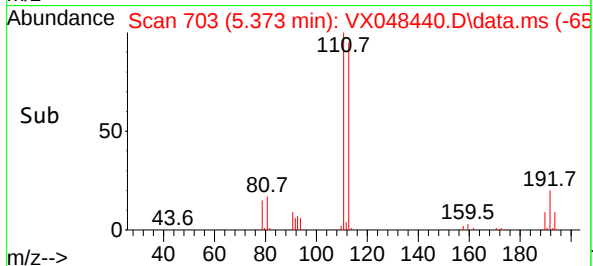
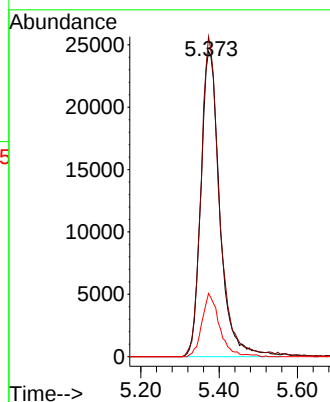
Tgt Ion:113 Resp: 82332

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 19.3 15.1 22.7



#50

Toluene-d8

Concen: 50.265 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048440.D

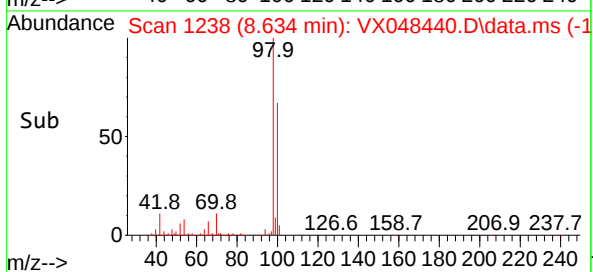
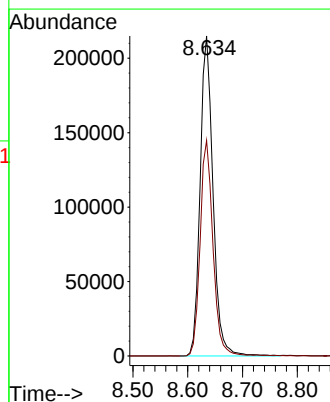
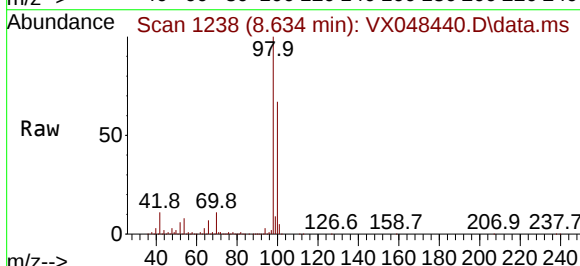
Acq: 31 Oct 2025 17:54

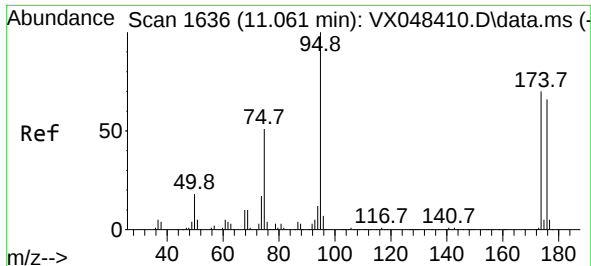
Tgt Ion: 98 Resp: 351112

Ion Ratio Lower Upper

98 100

100 67.6 53.0 79.4

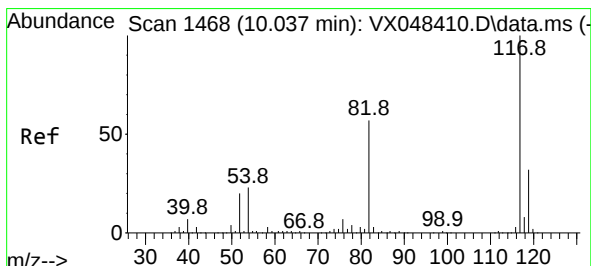
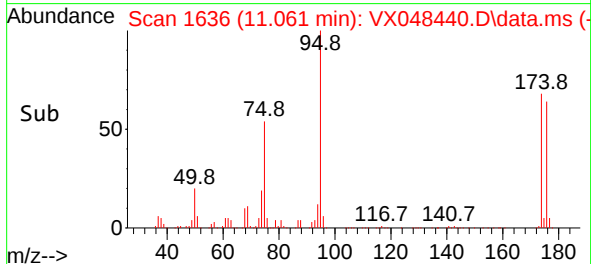
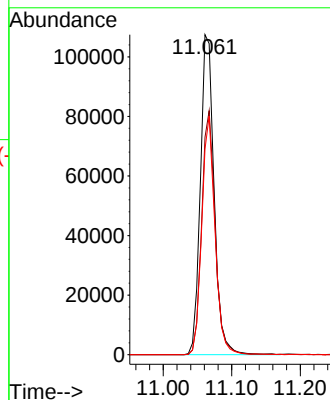
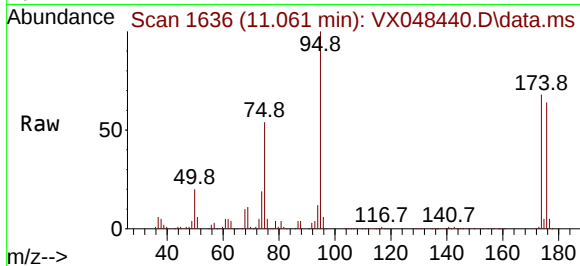




#62
4-Bromofluorobenzene
Concen: 57.494 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

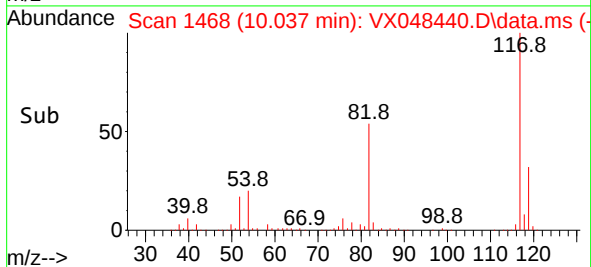
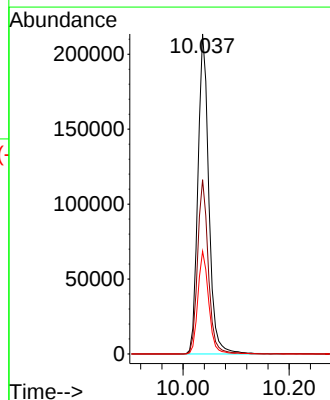
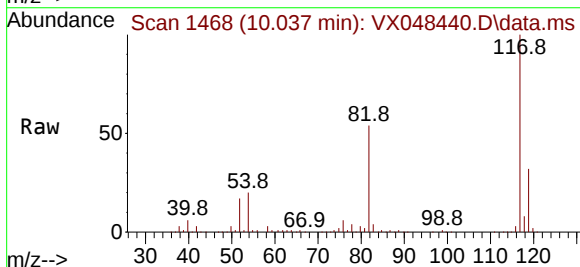
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MSVOA_X
ClientSampleId :
SW-1

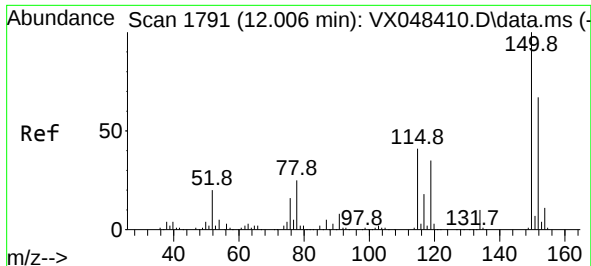
Tgt Ion: 95 Resp: 150235
Ion Ratio Lower Upper
95 100
174 75.0 0.0 147.8
176 71.7 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048440.D
Acq: 31 Oct 2025 17:54

Tgt Ion: 117 Resp: 304691
Ion Ratio Lower Upper
117 100
82 54.5 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# 11

Delta R.T. -0.000 min

Lab File: VX048440.D

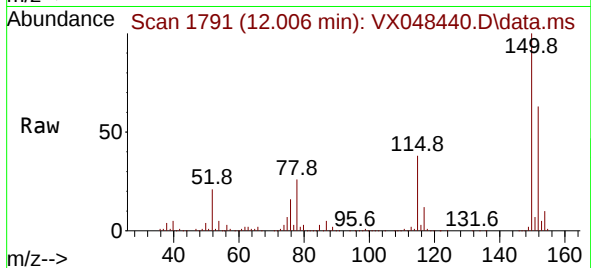
Acq: 31 Oct 2025 17:54

Instrument :

MSVOA_X

ClientSampleId :

SW-1



Tgt Ion:152 Resp: 147012

Ion Ratio Lower Upper

152 100

115 62.0 43.1 129.4

150 157.4 0.0 353.0

