

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048430.D
 Acq On : 31 Oct 2025 14:27
 Operator : JC/MD
 Sample : Q3505-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 10-16-25-WATER

Quant Time: Oct 31 23:06:13 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)

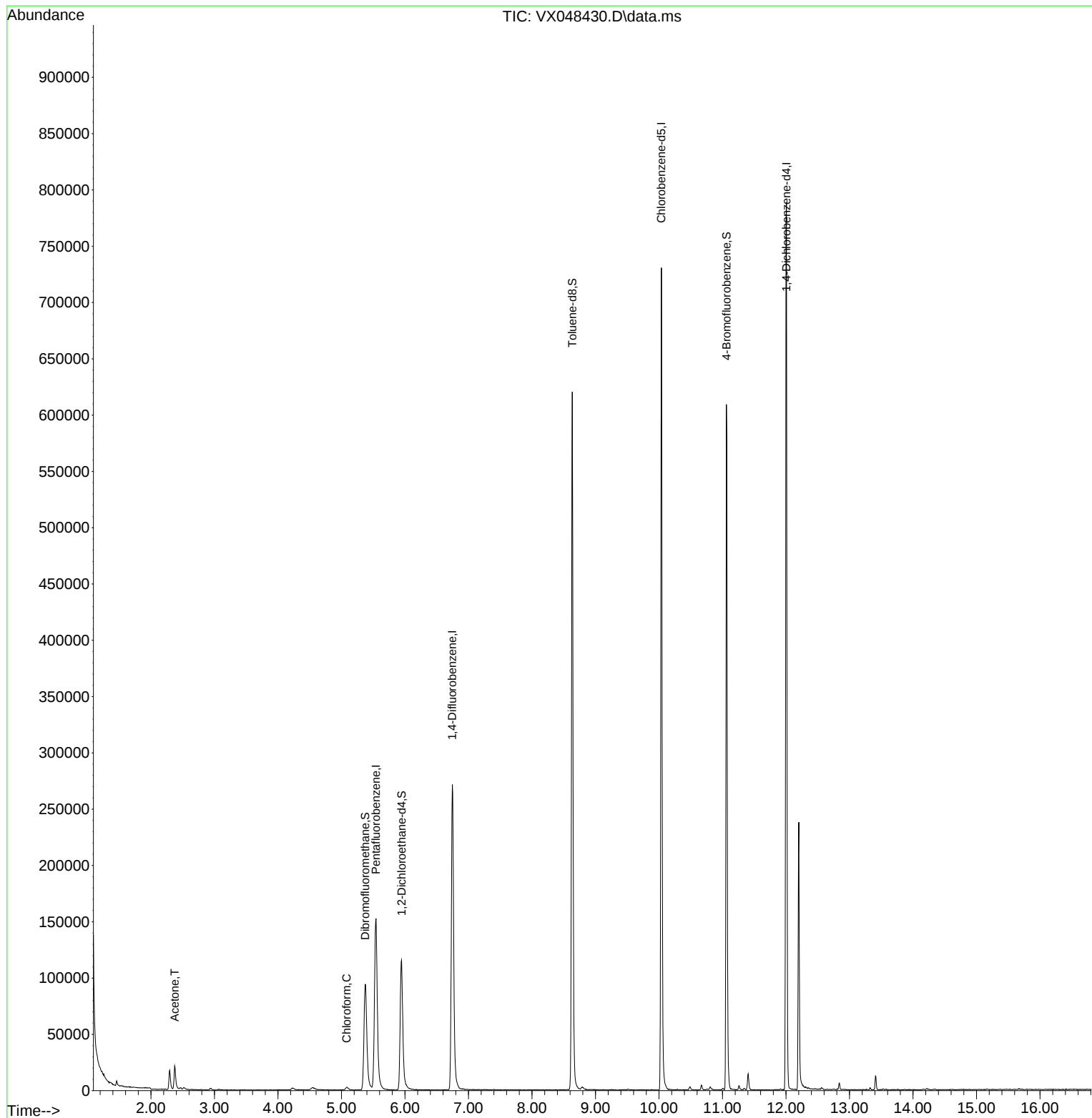
Internal Standards						
1) Pentafluorobenzene	5.544	168	160089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	296752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	175464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	128840	55.961	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.920%	
35) Dibromofluoromethane	5.373	113	95073	56.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.380%	
50) Toluene-d8	8.635	98	377946	50.606	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	11.061	95	175203	62.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 125.420%#	
Target Compounds						Qvalue
16) Acetone	2.374	43	26790	51.341	ug/l	97
30) Chloroform	5.080	83	3332	0.884	ug/l	98

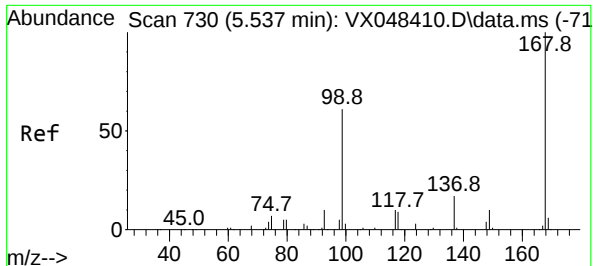
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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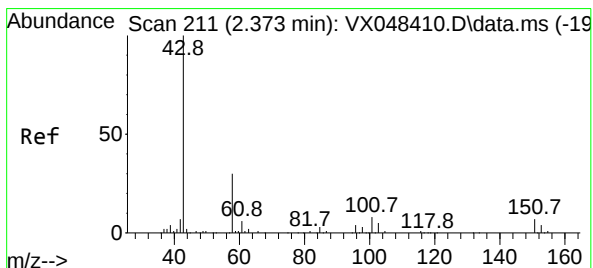
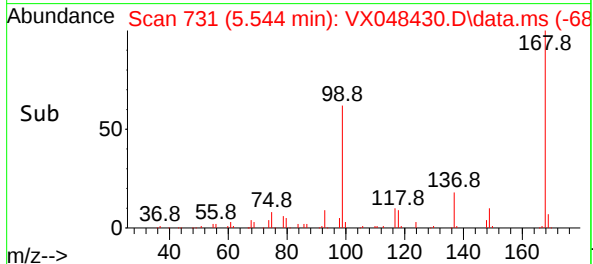
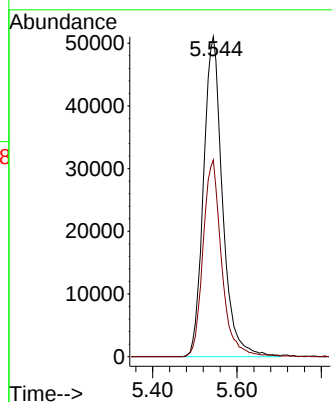
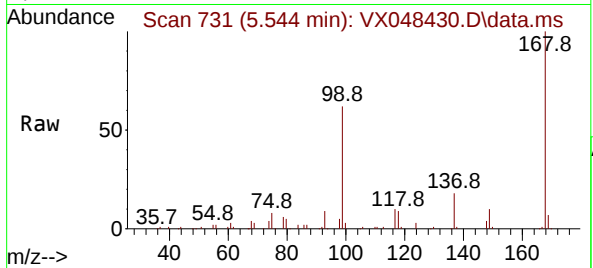




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

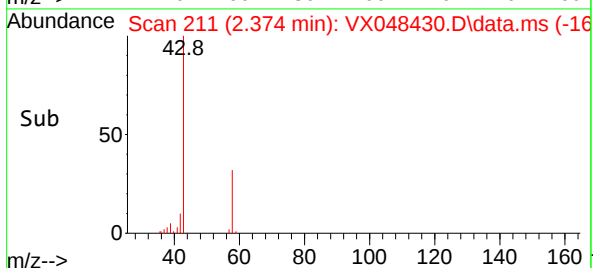
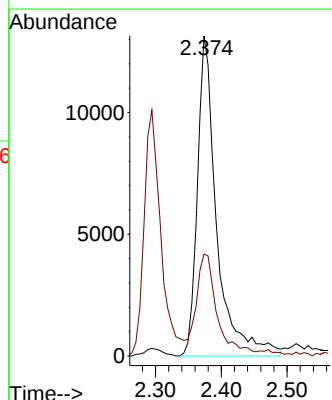
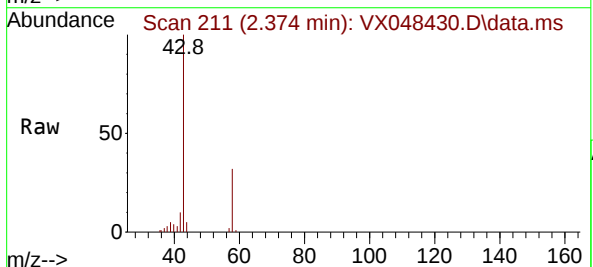
Instrument :
MSVOA_X
ClientSampleId :
10-16-25-WATER

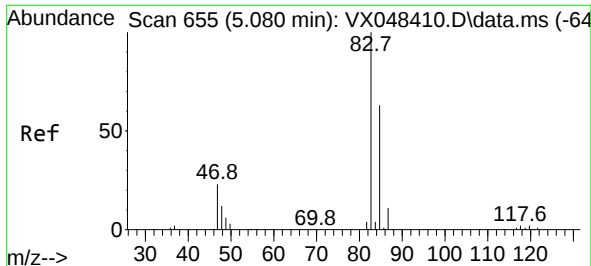
Tgt Ion:168 Resp: 160089
Ion Ratio Lower Upper
168 100
99 61.5 46.4 69.6



#16
Acetone
Concen: 51.341 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

Tgt Ion: 43 Resp: 26790
Ion Ratio Lower Upper
43 100
58 30.8 23.4 35.2





#30

Chloroform

Concen: 0.884 ug/l

RT: 5.080 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX048430.D

Acq: 31 Oct 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

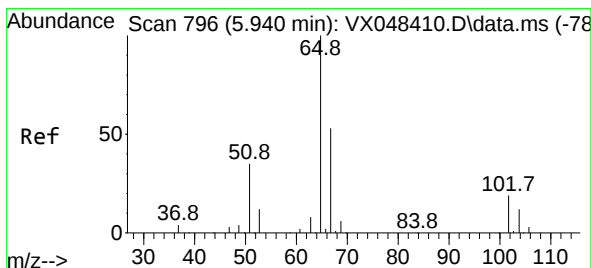
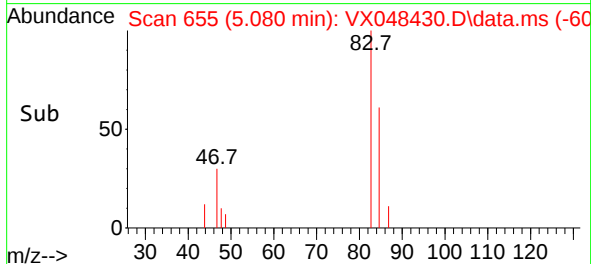
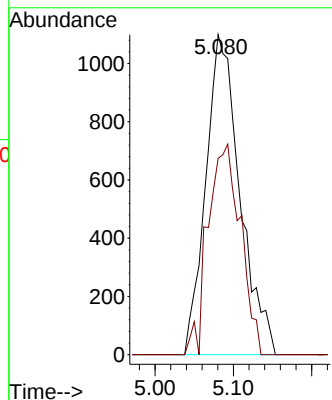
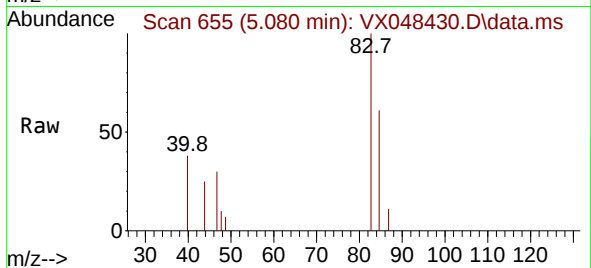
10-16-25-WATER

Tgt Ion: 83 Resp: 3332

Ion Ratio Lower Upper

83 100

85 61.3 50.1 75.1



#33

1,2-Dichloroethane-d4

Concen: 55.961 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048430.D

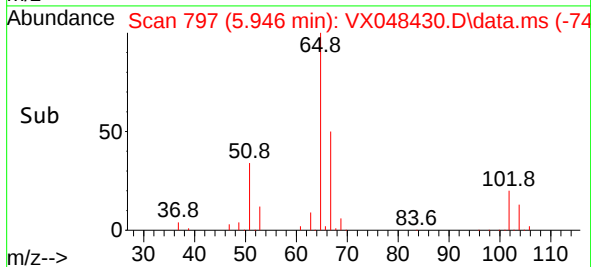
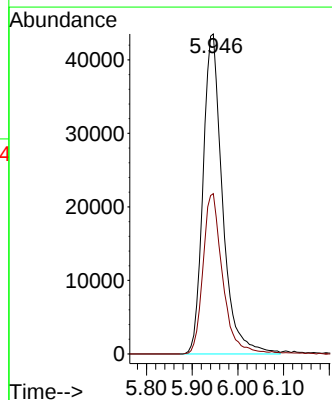
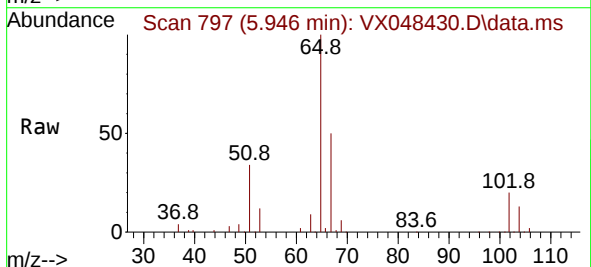
Acq: 31 Oct 2025 14:27

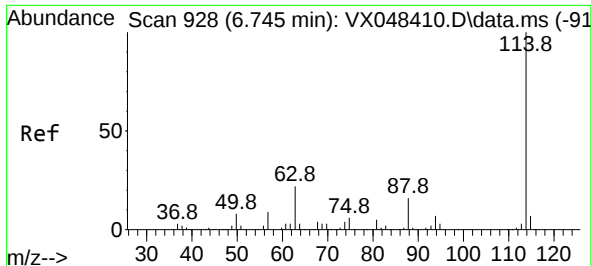
Tgt Ion: 65 Resp: 128840

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.0

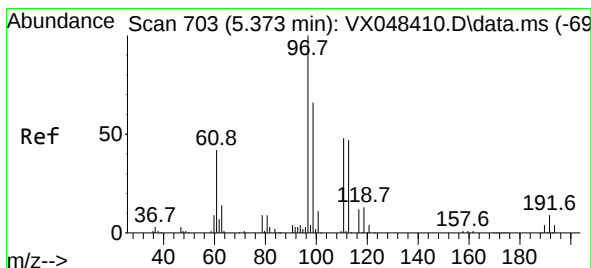
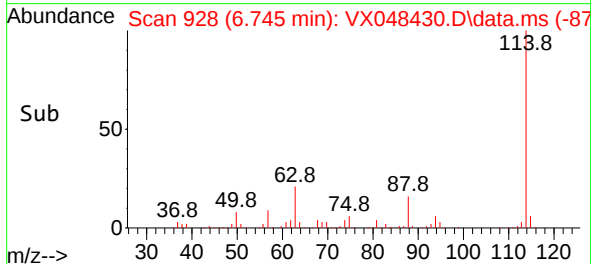
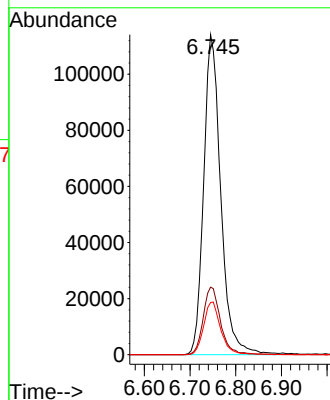
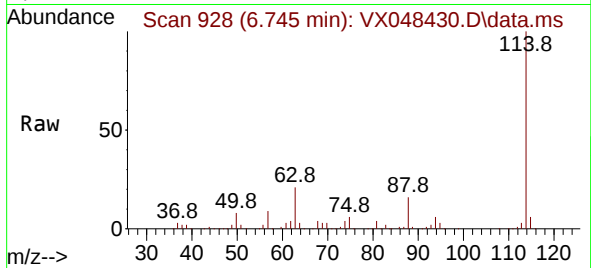




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

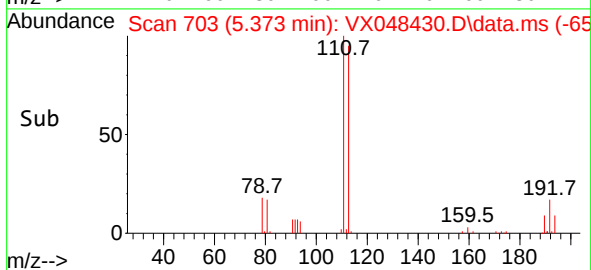
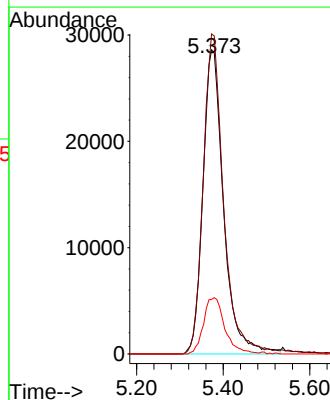
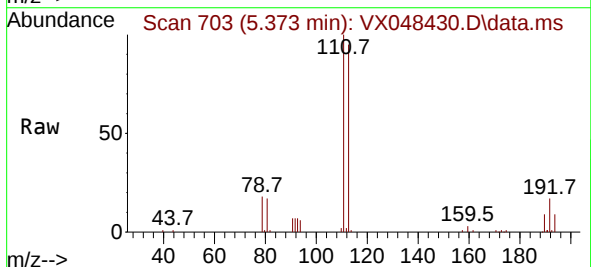
Instrument :
MSVOA_X
ClientSampleId :
10-16-25-WATER

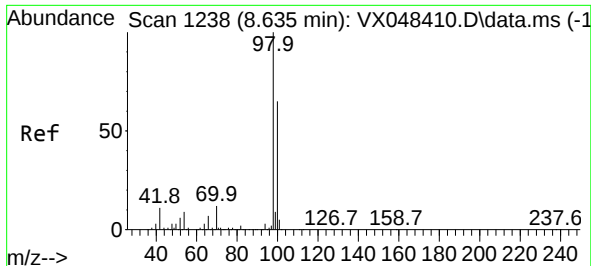
Tgt Ion:114 Resp: 296752
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 16.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 56.193 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

Tgt Ion:113 Resp: 95073
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 19.0 15.1 22.7

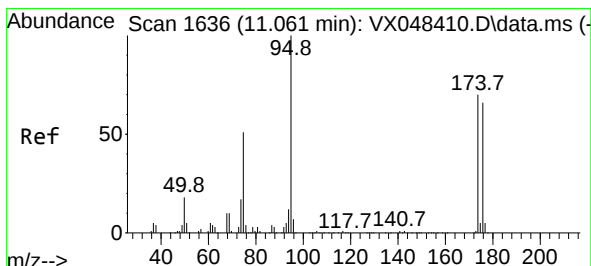
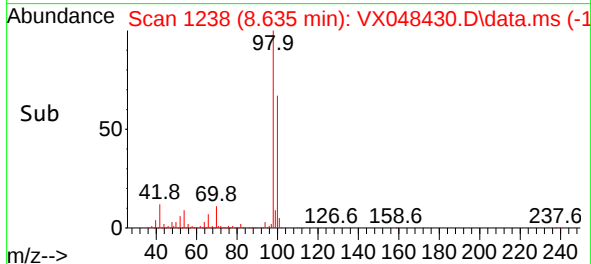
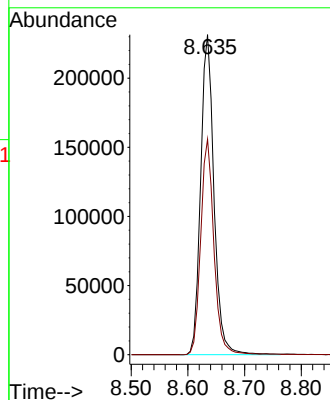
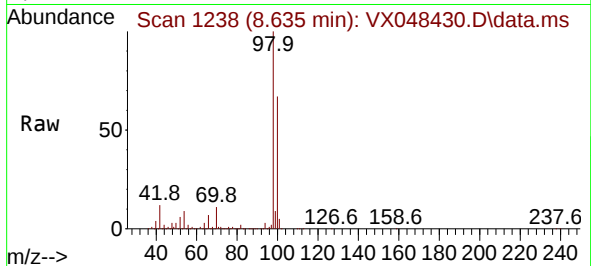




#50
Toluene-d8
Concen: 50.606 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

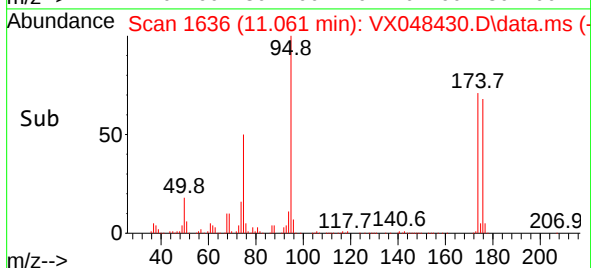
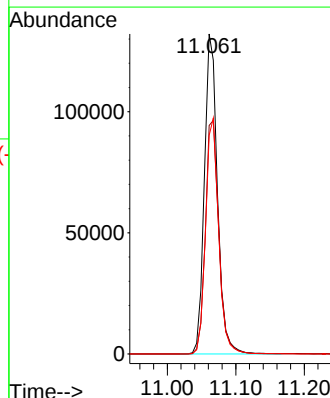
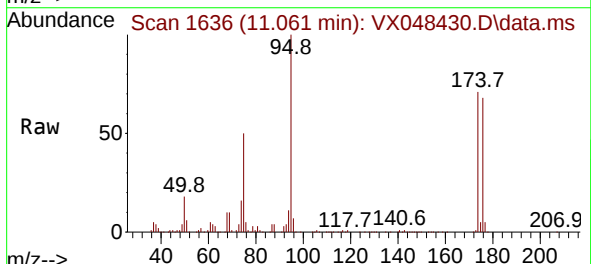
Instrument :
MSVOA_X
ClientSampleId :
10-16-25-WATER

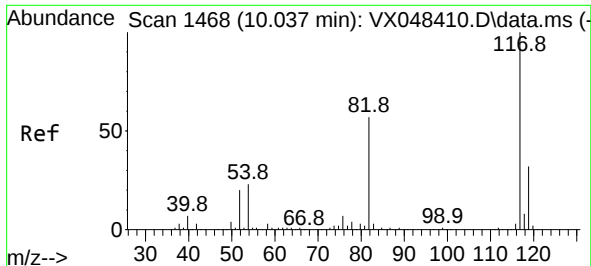
Tgt Ion: 98 Resp: 377946
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 62.711 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

Tgt Ion: 95 Resp: 175203
Ion Ratio Lower Upper
95 100
174 75.3 0.0 147.8
176 73.8 0.0 142.8

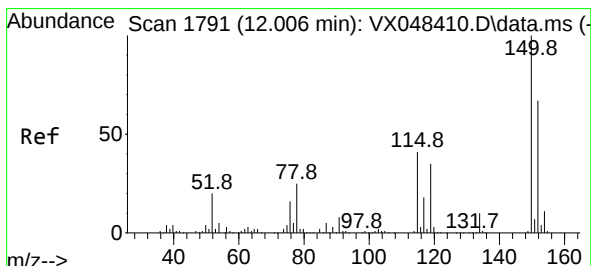
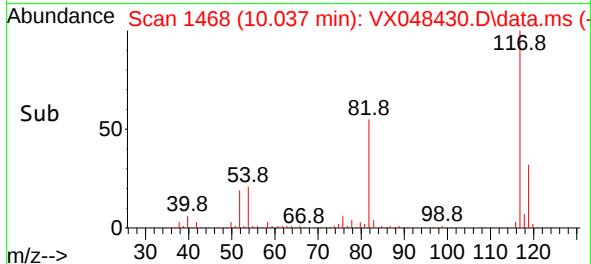
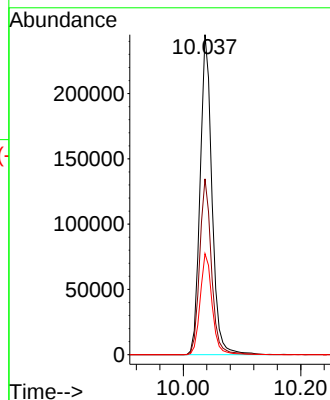
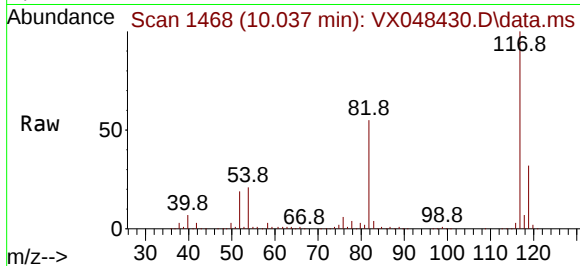




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
10-16-25-WATER

Tgt Ion:117 Resp: 343065
Ion Ratio Lower Upper
117 100
82 55.0 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: VX048430.D
Acq: 31 Oct 2025 14:27

Tgt Ion:152 Resp: 175464
Ion Ratio Lower Upper
152 100
115 62.2 43.1 129.4
150 155.4 0.0 353.0

