

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048431.D
 Acq On : 31 Oct 2025 14:48
 Operator : JC/MD
 Sample : Q3505-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 31 23:06:32 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)

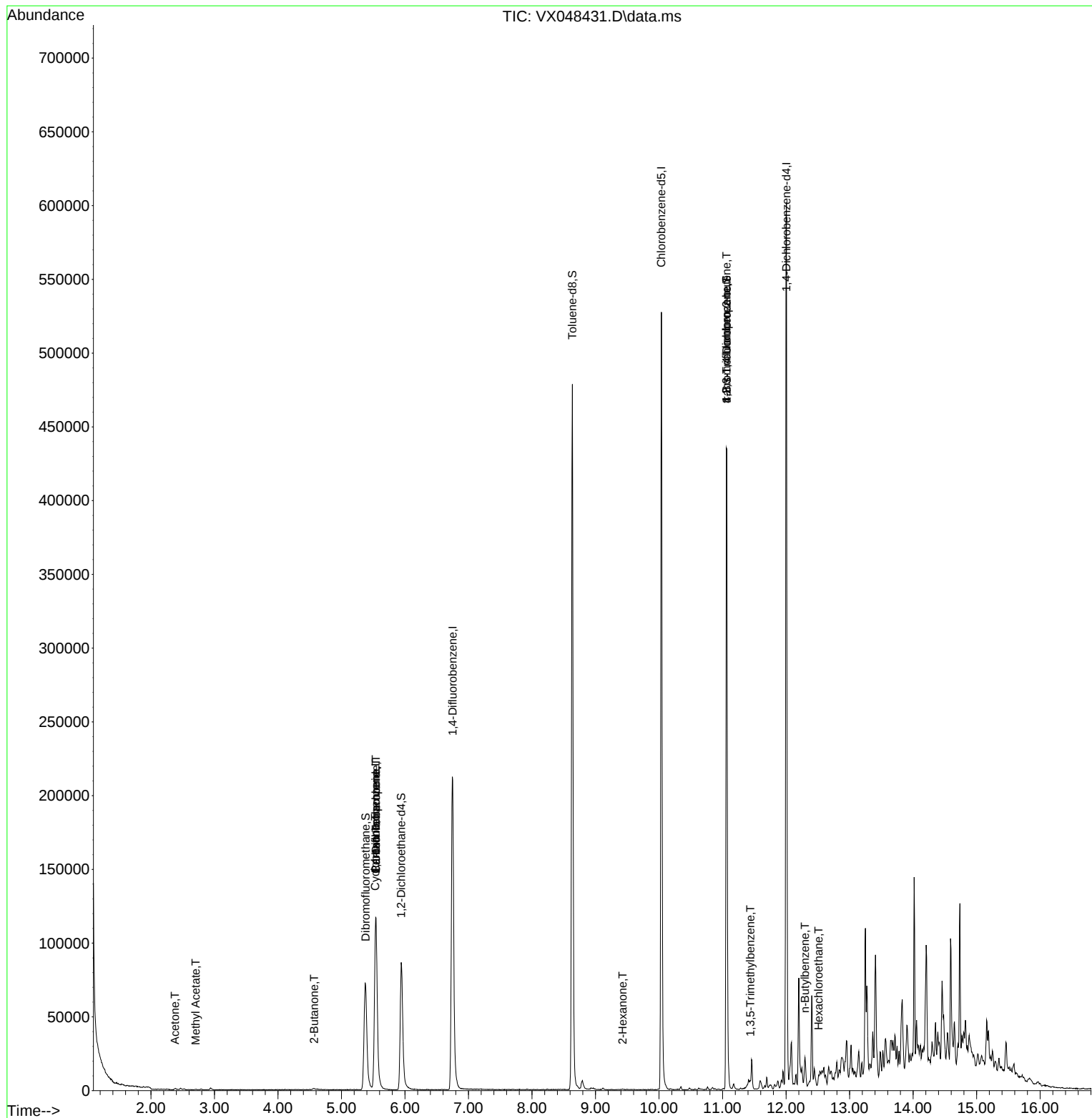
Internal Standards						
1) Pentafluorobenzene	5.538	168	123202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	242639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	92553	52.236	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 104.480%		
35) Dibromofluoromethane	5.379	113	73719	53.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 106.580%		
50) Toluene-d8	8.635	98	298504	48.882	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 97.760%		
62) 4-Bromofluorobenzene	11.061	95	127621	55.868	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 111.740%		
Target Compounds						Qvalue
16) Acetone	2.380	43	1012	2.520	ug/l #	76
18) Methyl Acetate	2.703	43	347	0.258	ug/l #	54
25) 2-Butanone	4.568	43	1779	2.773	ug/l #	83
31) Cyclohexane	5.531	56	2367	0.967	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9481	4.081	ug/l #	49
38) Carbon Tetrachloride	5.544	117	12101	4.511	ug/l #	16
59) 2-Hexanone	9.427	43	579	0.489	ug/l #	59
76) 1,2,3-Trichloropropane	11.061	75	68379	37.273	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.439	105	2074	0.268	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.061	75	68379	128.989	ug/l #	10
89) n-Butylbenzene	12.299	91	2009	0.258	ug/l #	21
90) Hexachloroethane	12.512	117	453	0.311	ug/l #	16

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 31 23:06:32 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

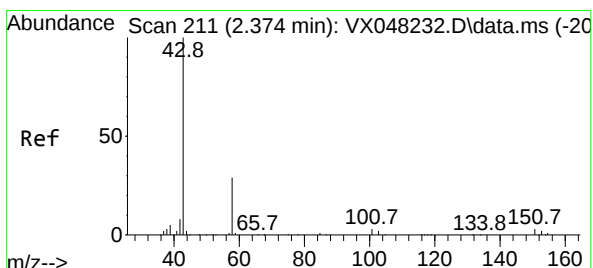
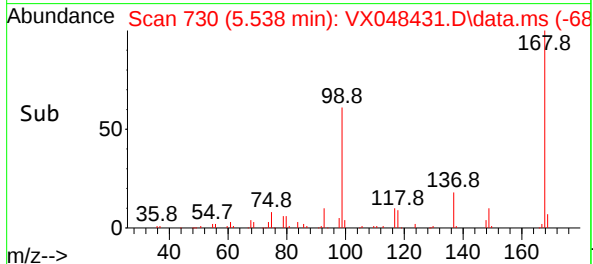
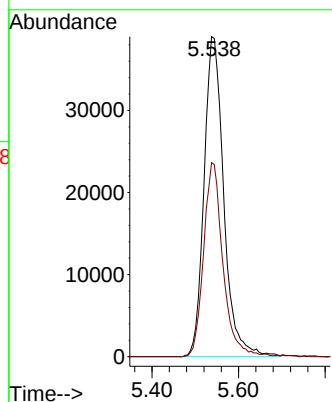
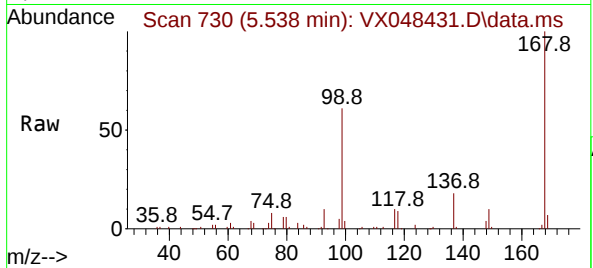




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

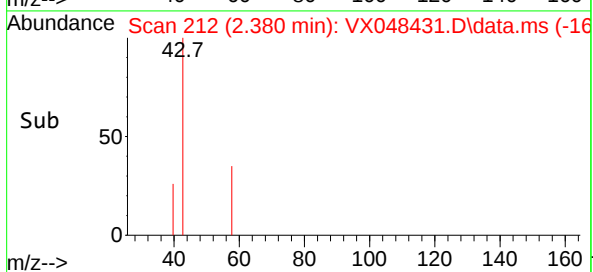
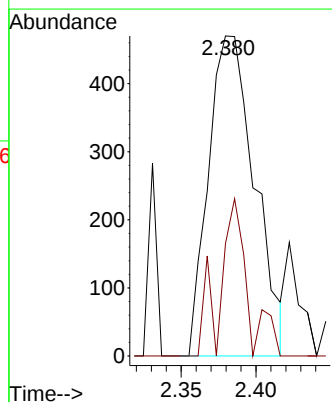
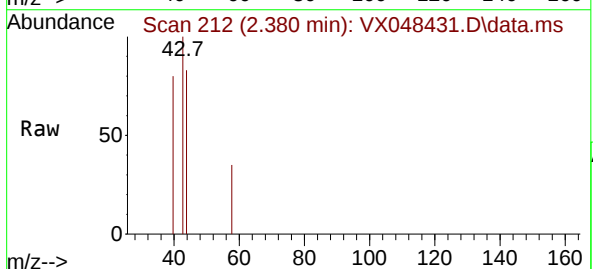
Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

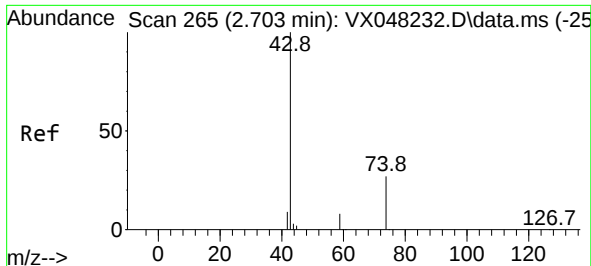
Tgt Ion:168 Resp: 123202
Ion Ratio Lower Upper
168 100
99 60.7 46.4 69.6



#16
Acetone
Concen: 2.520 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 42.2 23.4 35.2#





#18

Methyl Acetate

Concen: 0.258 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX048431.D

Acq: 31 Oct 2025 14:48

Instrument :

MSVOA_X

ClientSampleId :

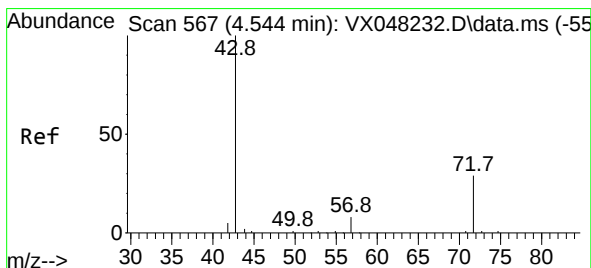
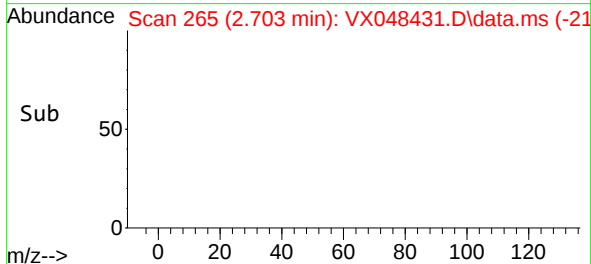
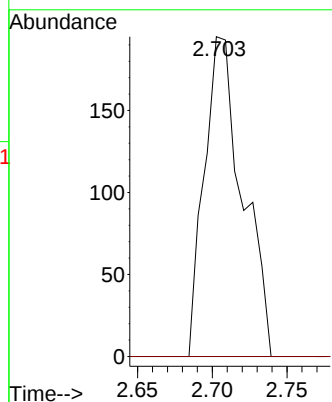
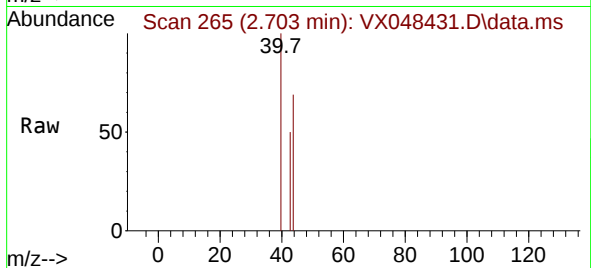
10-10-25-WATER

Tgt Ion: 43 Resp: 347

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#



#25

2-Butanone

Concen: 2.773 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.031 min

Lab File: VX048431.D

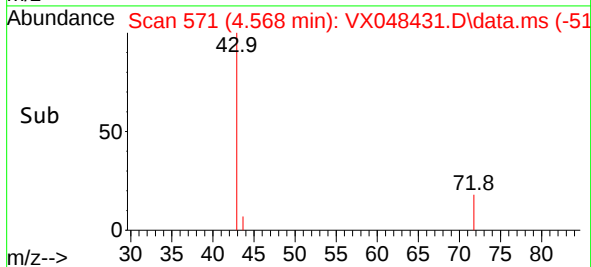
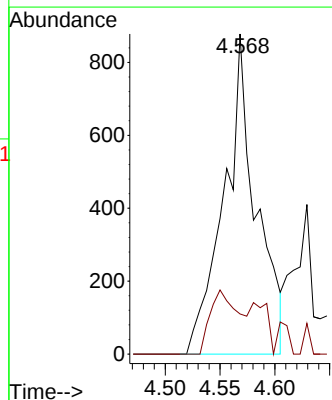
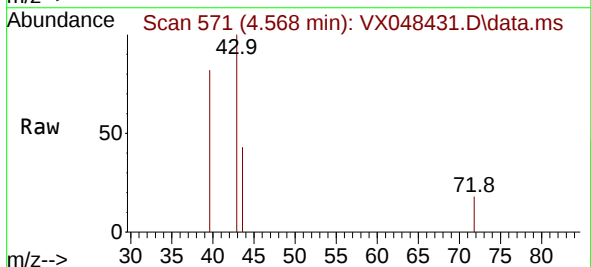
Acq: 31 Oct 2025 14:48

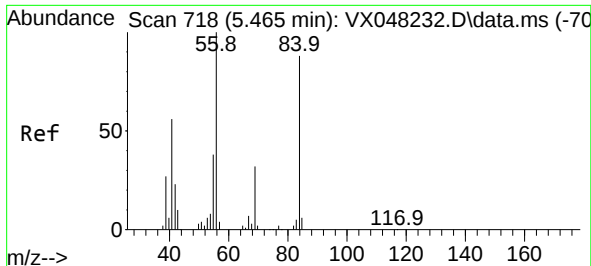
Tgt Ion: 43 Resp: 1779

Ion Ratio Lower Upper

43 100

72 16.6 19.9 29.9#

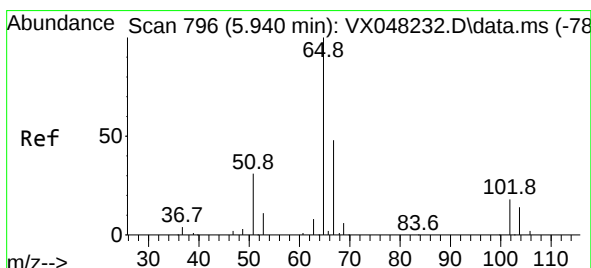
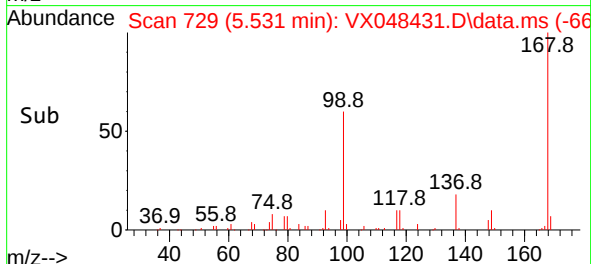
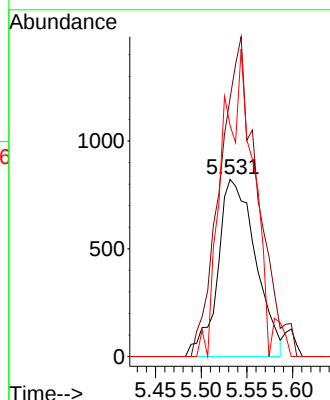
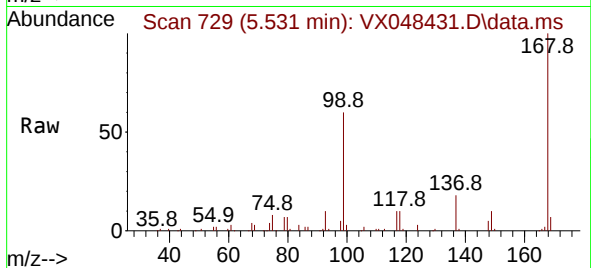




#31
Cyclohexane
Concen: 0.967 ug/l
RT: 5.531 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

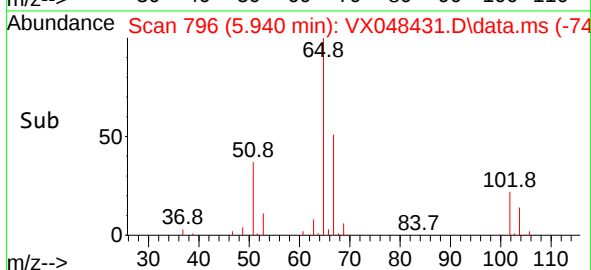
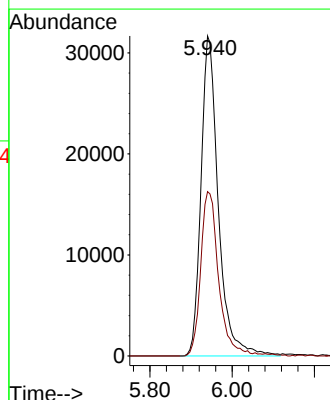
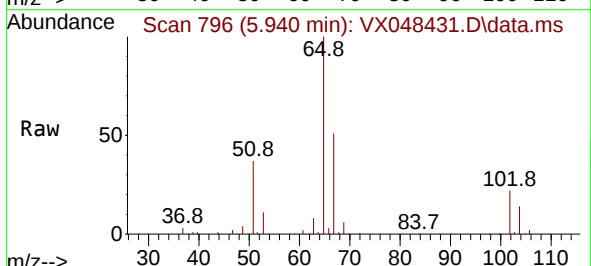
Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

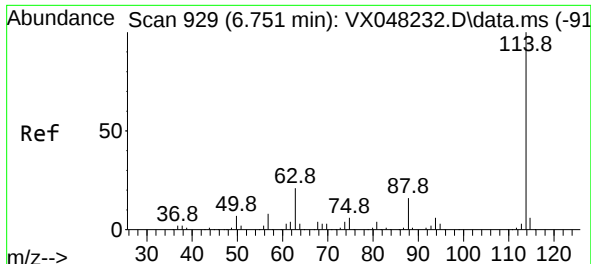
Tgt Ion: 56 Resp: 2367
Ion Ratio Lower Upper
56 100
69 146.0 23.0 34.6#
84 130.3 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 52.236 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

Tgt Ion: 65 Resp: 92553
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0

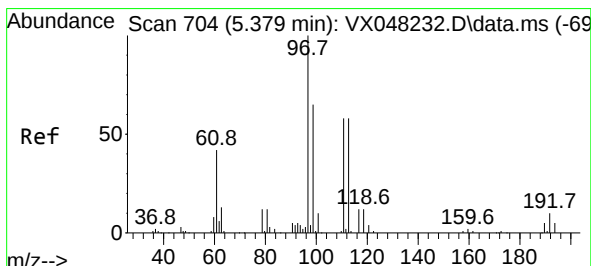
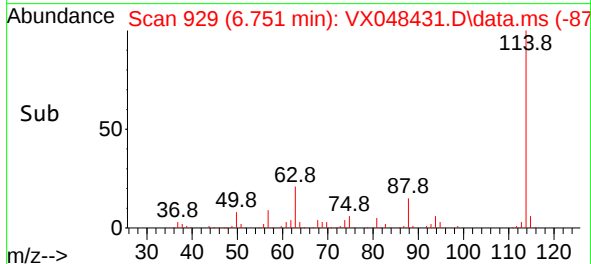
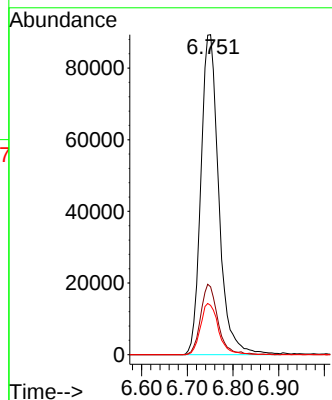
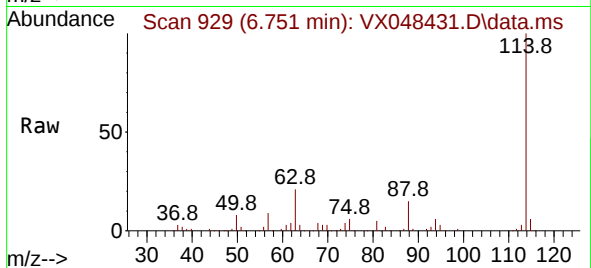




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

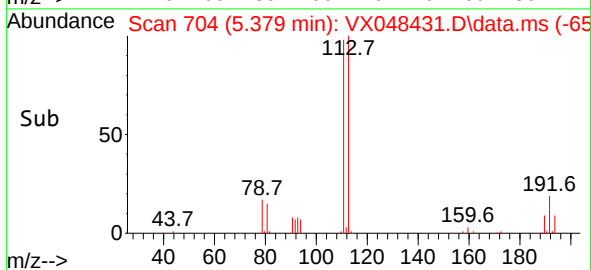
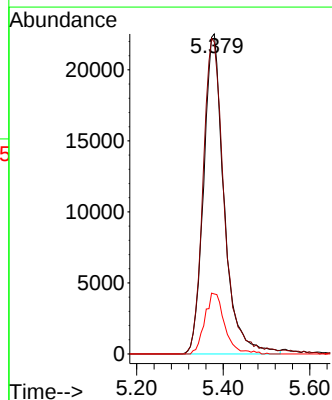
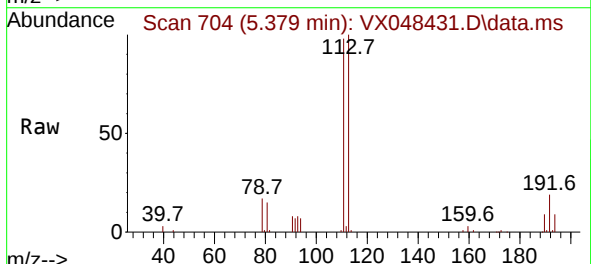
Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

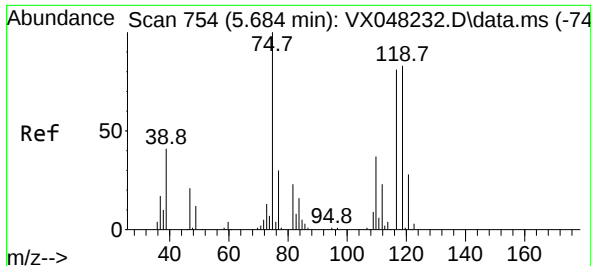
Tgt Ion:114 Resp: 242639
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 15.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 53.289 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

Tgt Ion:113 Resp: 73719
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.6 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.081 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX048431.D

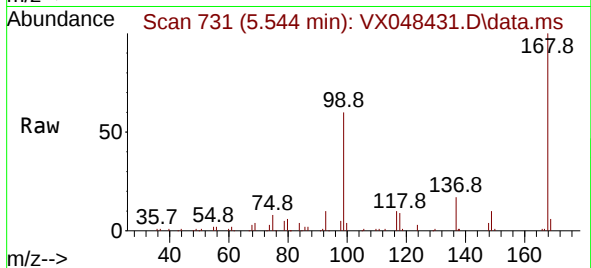
Acq: 31 Oct 2025 14:48

Instrument :

MSVOA_X

ClientSampleId :

10-10-25-WATER



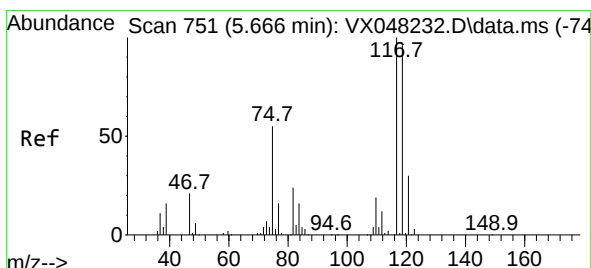
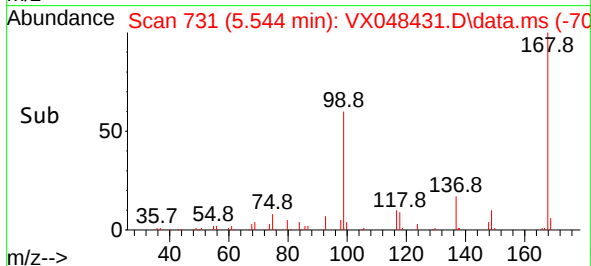
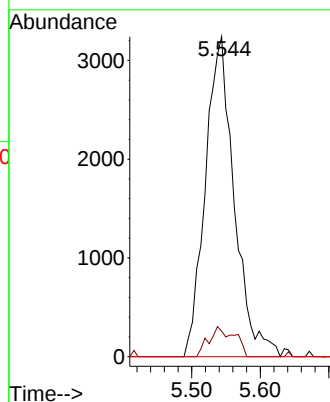
Tgt Ion: 75 Resp: 9481

Ion Ratio Lower Upper

75 100

110 8.3 17.7 53.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.511 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX048431.D

Acq: 31 Oct 2025 14:48

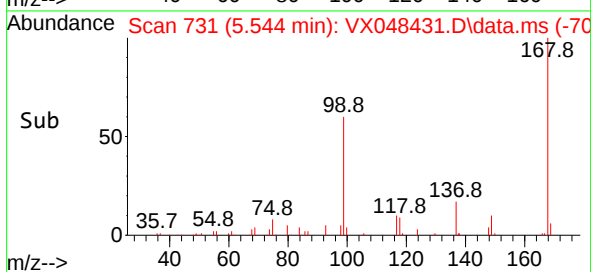
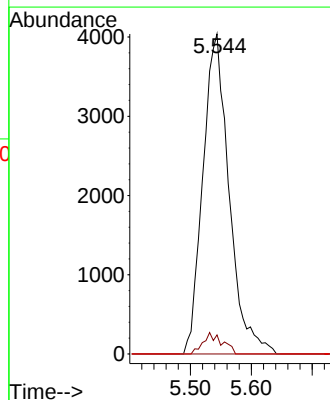
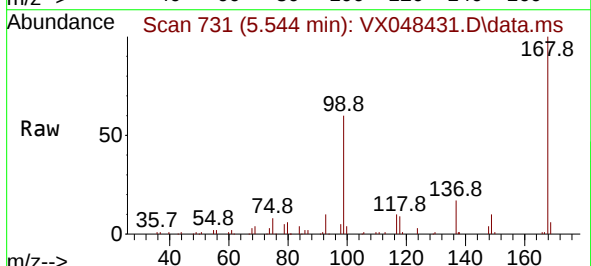
Tgt Ion: 117 Resp: 12101

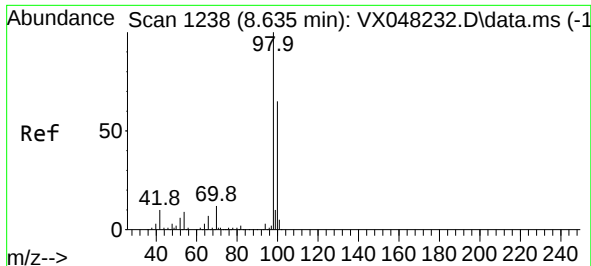
Ion Ratio Lower Upper

117 100

119 5.9 77.2 115.8#

121 0.0 24.8 37.2#

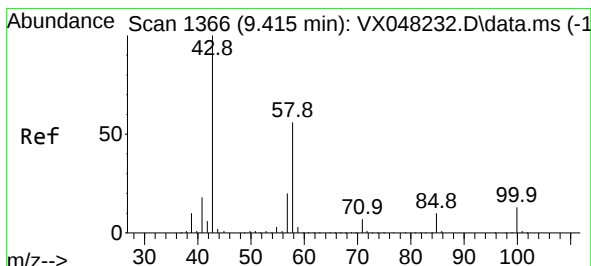
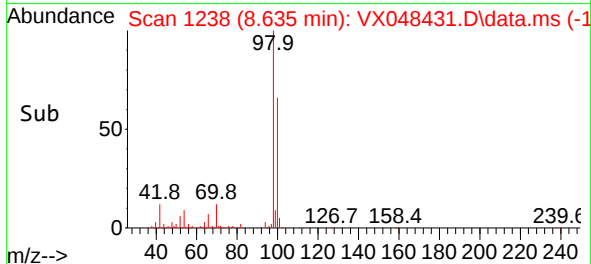
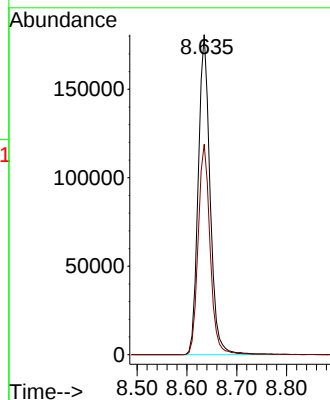
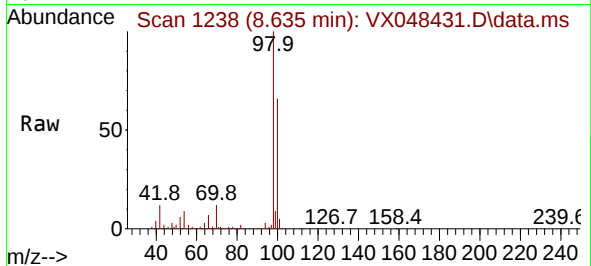




#50
Toluene-d8
Concen: 48.882 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

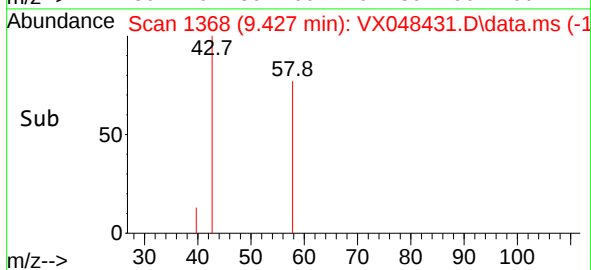
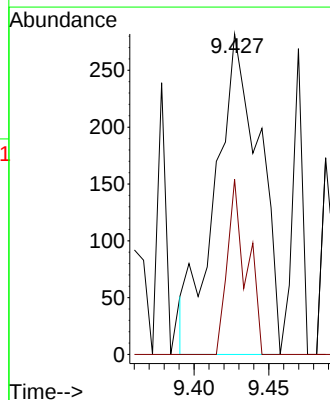
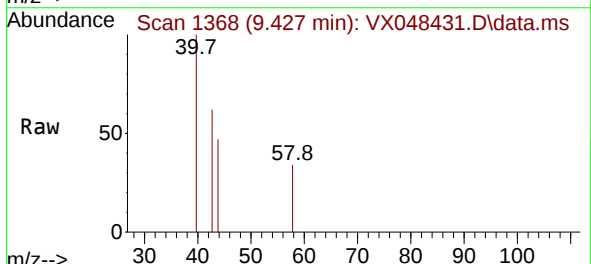
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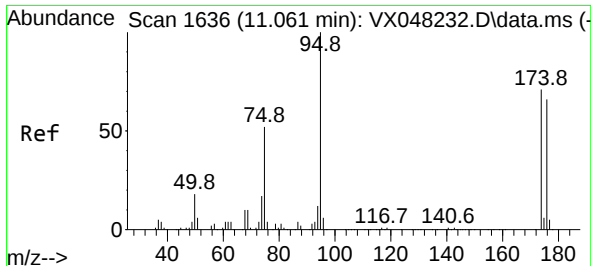
Tgt Ion: 98 Resp: 298504
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#59
2-Hexanone
Concen: 0.489 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.012 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 23.8 26.3 78.8#

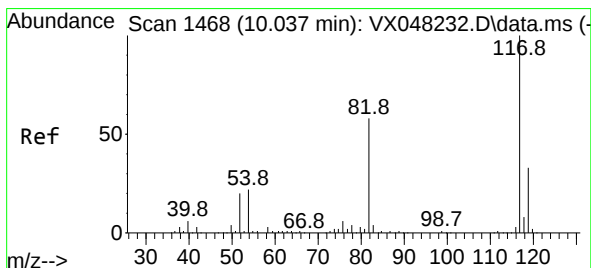
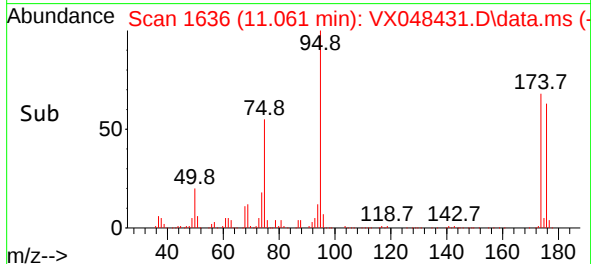
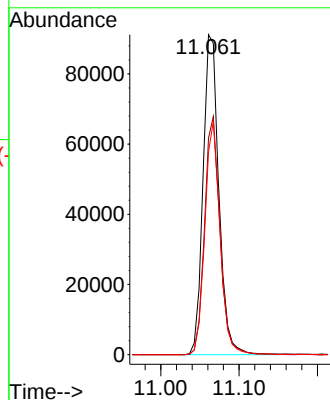
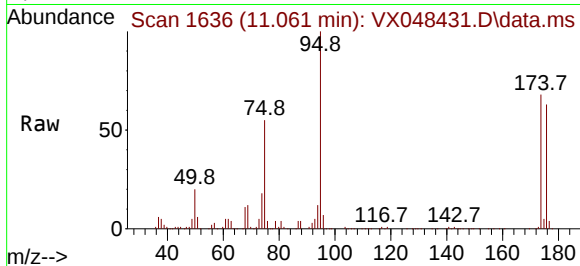




#62
4-Bromofluorobenzene
Concen: 55.868 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

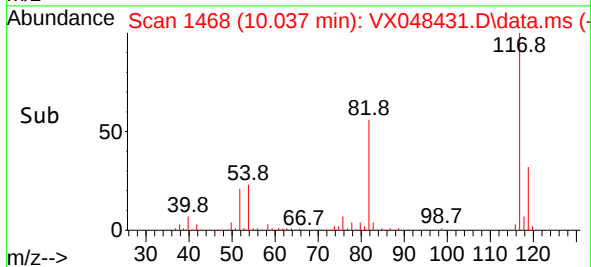
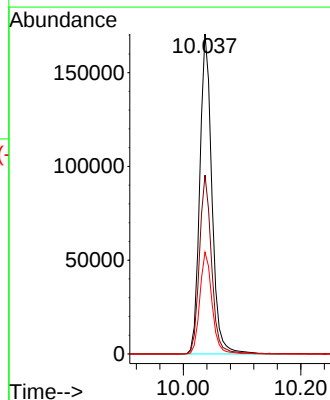
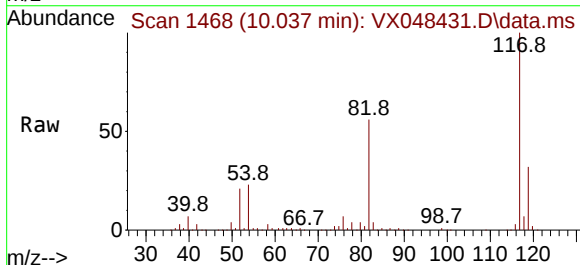
Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

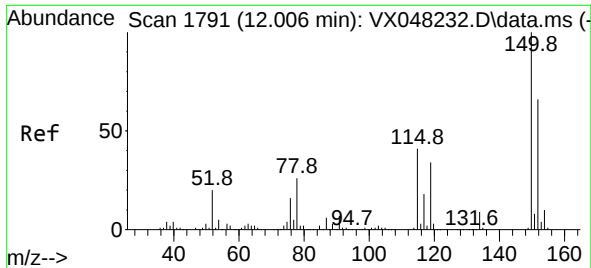
Tgt Ion: 95 Resp: 127621
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.8
176 70.1 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

Tgt Ion: 117 Resp: 244659
Ion Ratio Lower Upper
117 100
82 55.9 46.5 69.7
119 31.8 25.9 38.9

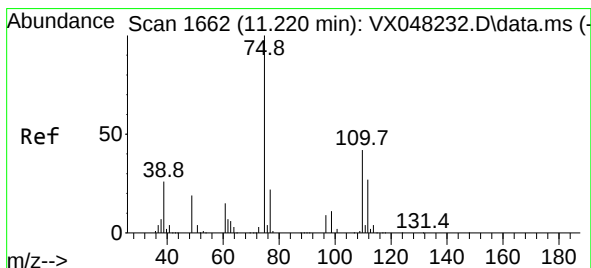
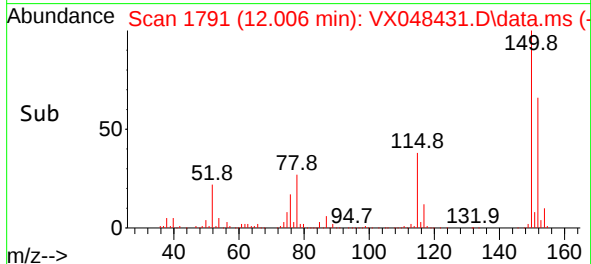
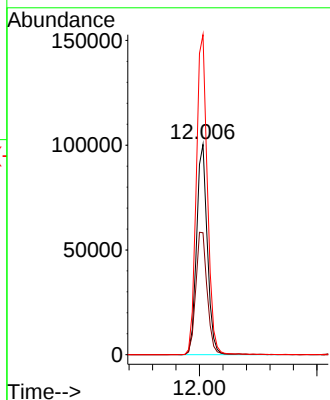
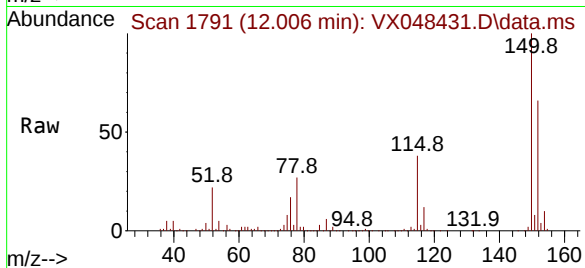




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

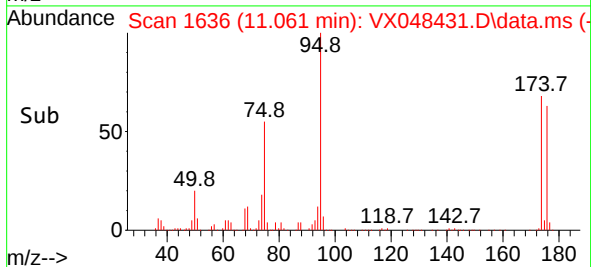
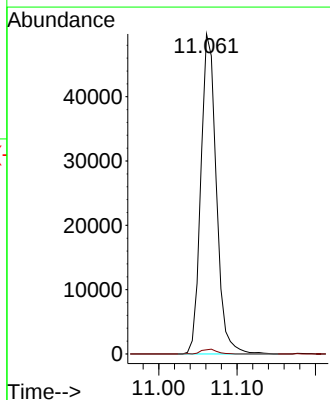
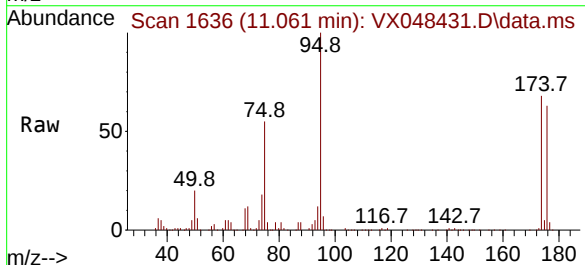
Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

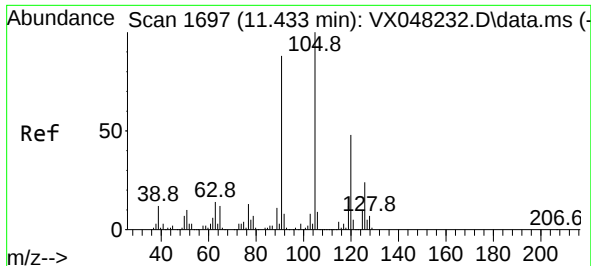
Tgt Ion:152 Resp: 127563
Ion Ratio Lower Upper
152 100
115 61.5 43.1 129.4
150 156.8 0.0 353.0



#76
1,2,3-Trichloropropane
Concen: 37.273 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

Tgt Ion: 75 Resp: 68379
Ion Ratio Lower Upper
75 100
77 1.5 22.4 67.2#

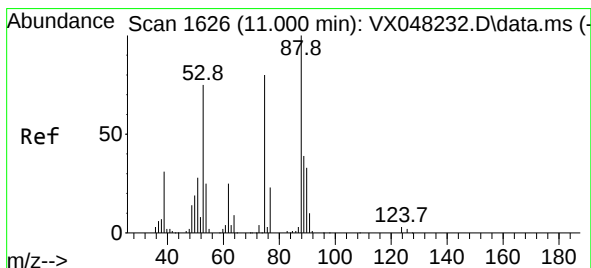
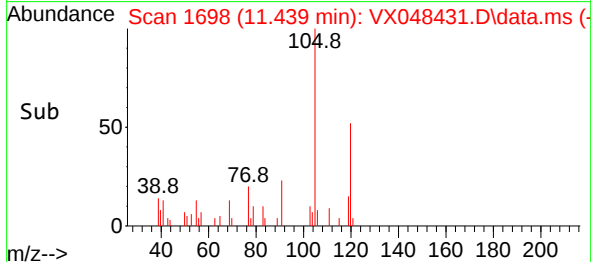
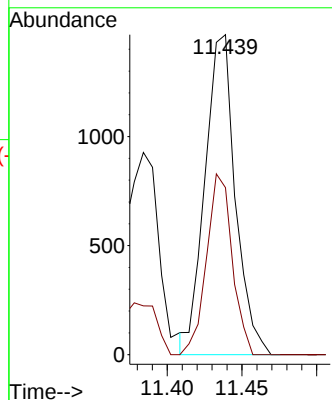
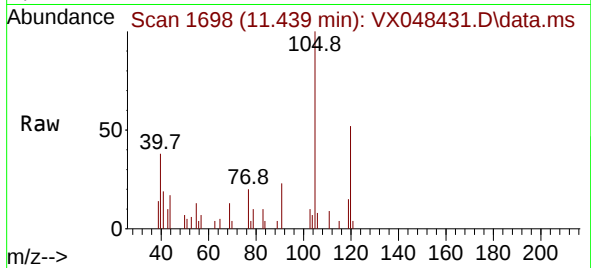




#80
1,3,5-Trimethylbenzene
Concen: 0.268 ug/l
RT: 11.439 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

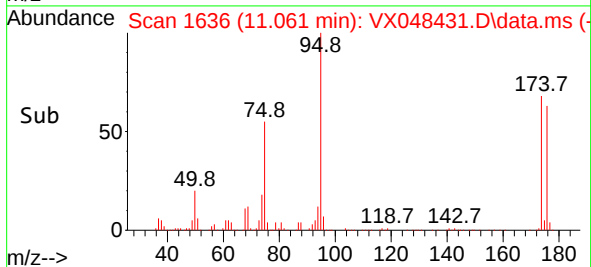
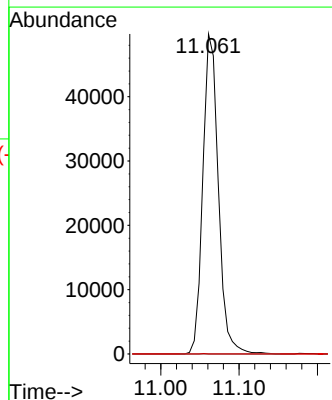
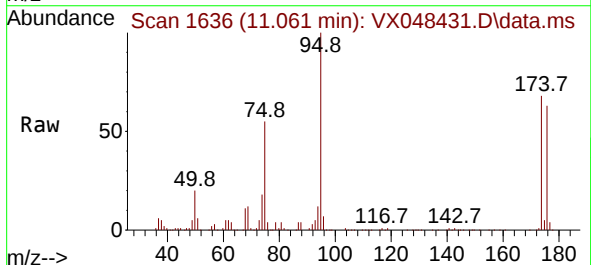
Instrument :
MSVOA_X
ClientSampleId :
10-10-25-WATER

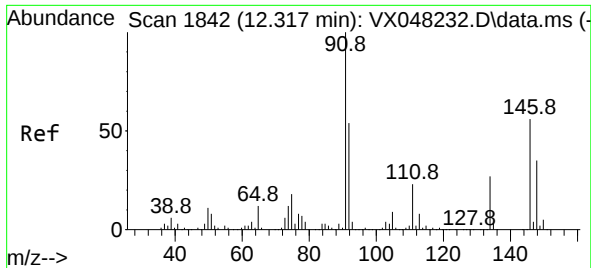
Tgt Ion:105 Resp: 2074
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 128.989 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

Tgt Ion: 75 Resp: 68379
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

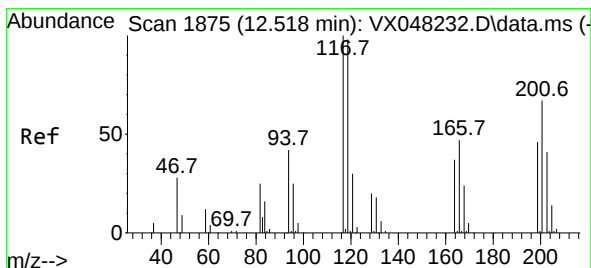
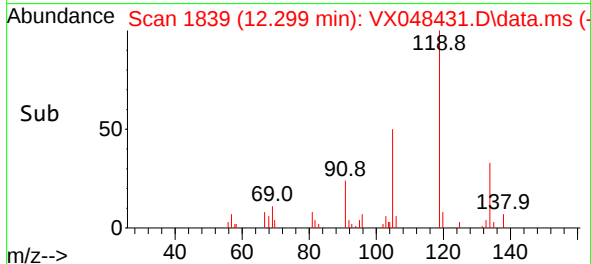
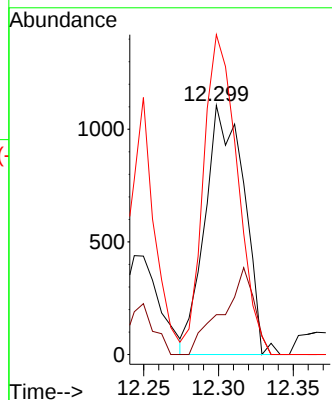
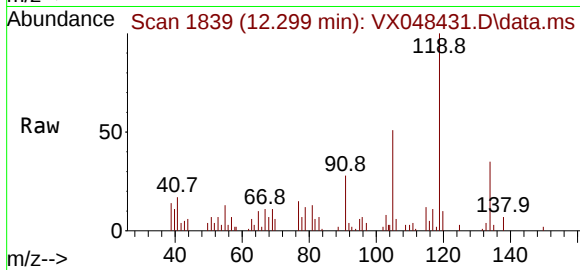




#89
n-Butylbenzene
Concen: 0.258 ug/l
RT: 12.299 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

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

Tgt Ion: 91 Resp: 2009
Ion Ratio Lower Upper
91 100
92 28.6 26.9 80.6
134 111.5 12.7 38.1#



#90
Hexachloroethane
Concen: 0.311 ug/l
RT: 12.512 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VX048431.D
Acq: 31 Oct 2025 14:48

Tgt Ion: 117 Resp: 453
Ion Ratio Lower Upper
117 100
201 0.0 34.1 102.2#

