

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)

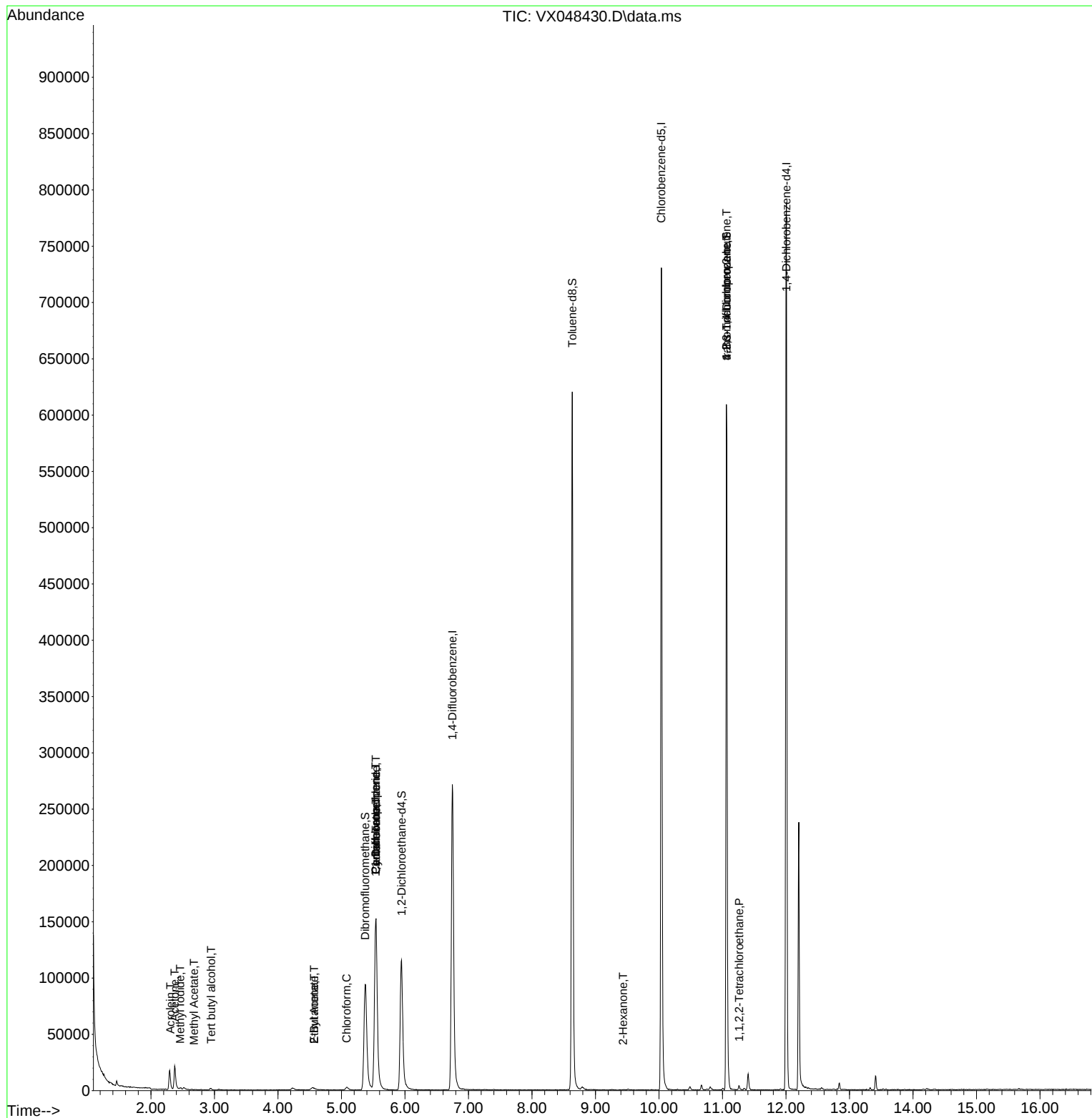
Internal Standards						
1) Pentafluorobenzene	5.544	168	160089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	296752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	175464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
10) Methyl Iodide	2.459	142	1507	0.204	ug/l	97
11) Tert butyl alcohol	2.947	59	192	1.088	ug/l #	72
13) Acrolein	2.307	56	249	0.676	ug/l #	1
16) Acetone	2.374	43	26790	51.341	ug/l	97
18) Methyl Acetate	2.678	43	758	0.434	ug/l #	60
25) 2-Butanone	4.568	43	2808	3.369	ug/l	100
30) Chloroform	5.080	83	3332	0.884	ug/l	98
31) Cyclohexane	5.544	56	3004	0.944	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	12159	4.280	ug/l #	49
37) Ethyl Acetate	4.568	43	2808	1.160	ug/l #	70
38) Carbon Tetrachloride	5.544	117	16094	4.906	ug/l #	17
59) 2-Hexanone	9.433	43	395	0.273	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	11.262	83	862	0.262	ug/l #	26
76) 1,2,3-Trichloropropane	11.061	75	87108	34.520	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	87108	119.460	ug/l #	10

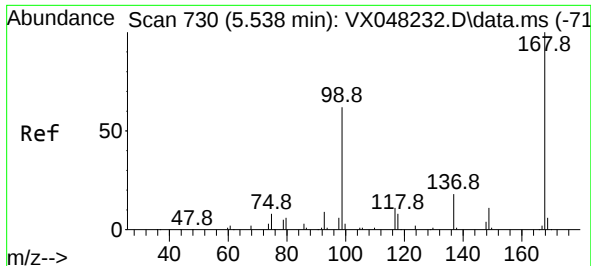
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048430.D
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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

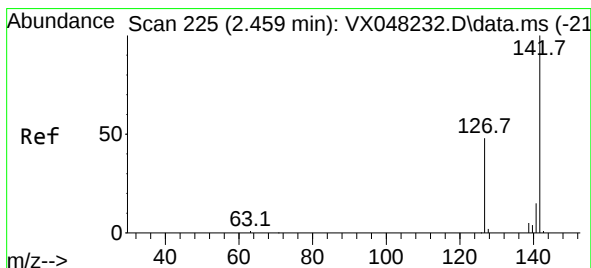
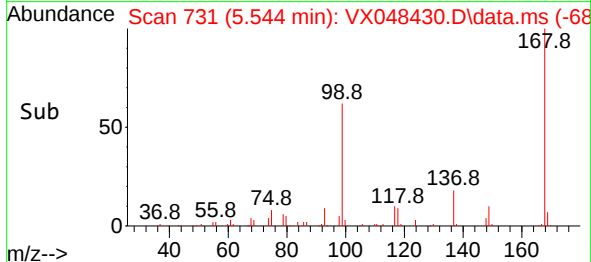
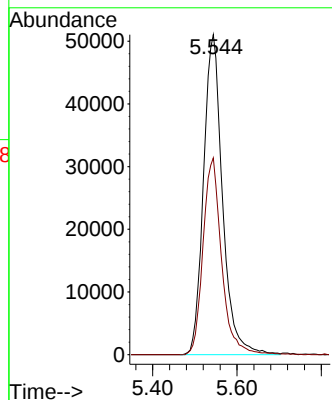
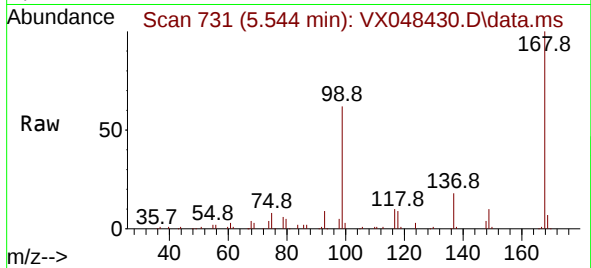




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

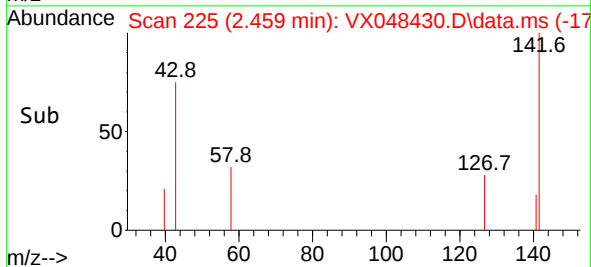
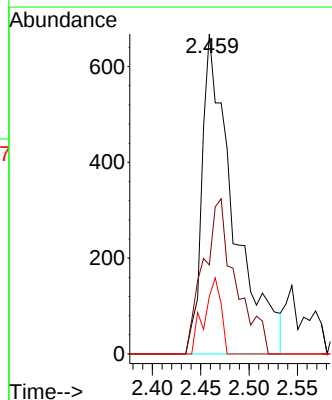
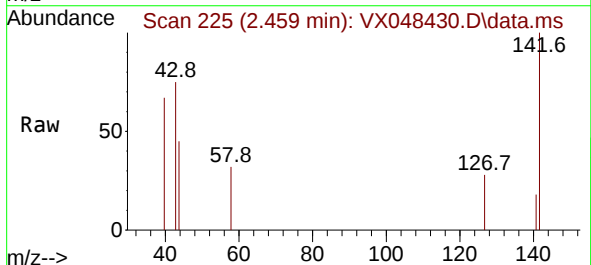
Instrument :
MSVOA_X
ClientSampleId :
10-16-25-WATER

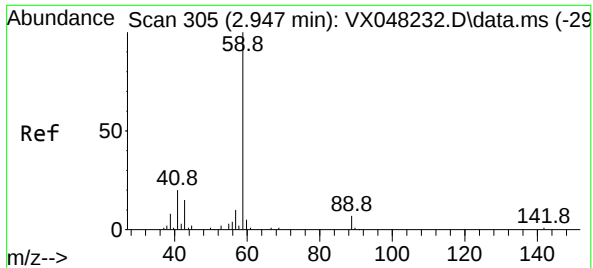
Tgt Ion:168 Resp: 160089
Ion Ratio Lower Upper
168 100
99 61.5 46.4 69.6



#10
Methyl Iodide
Concen: 0.204 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

Tgt Ion:142 Resp: 1507
Ion Ratio Lower Upper
142 100
127 49.6 38.5 57.7
141 12.7 11.6 17.4

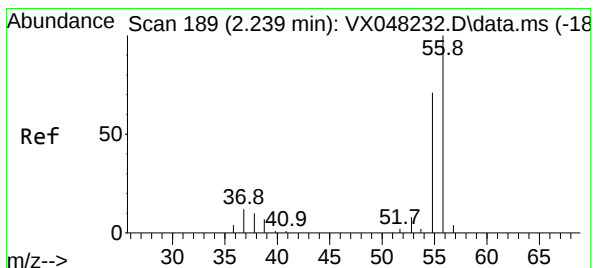
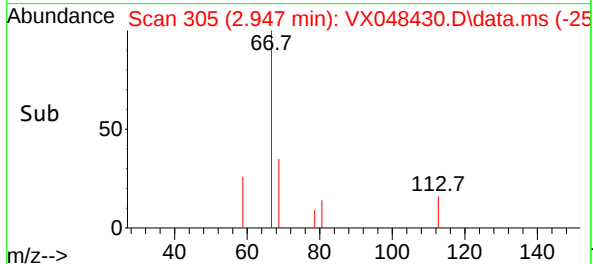
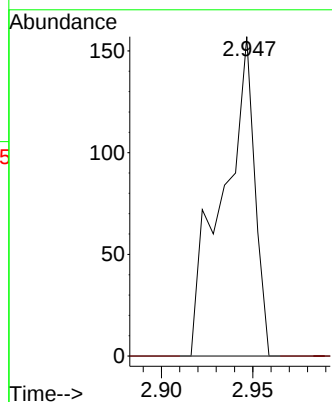
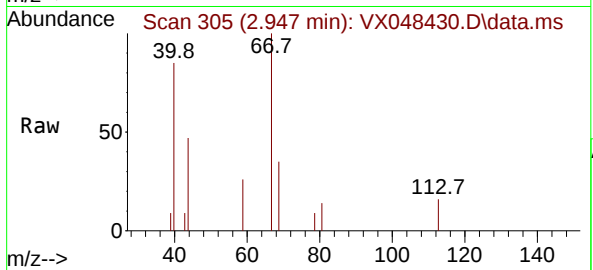




#11
Tert butyl alcohol
Concen: 1.088 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

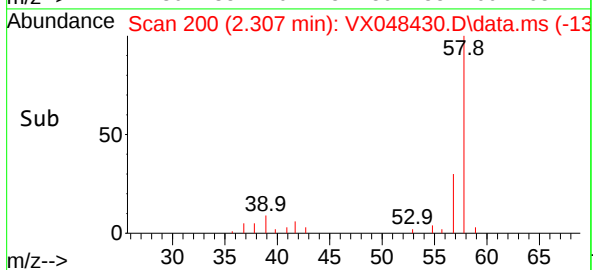
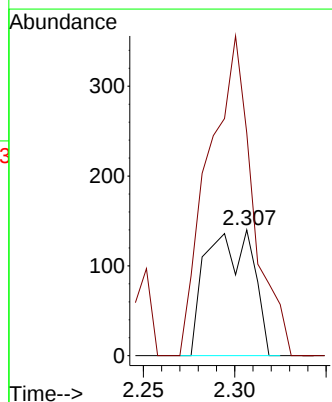
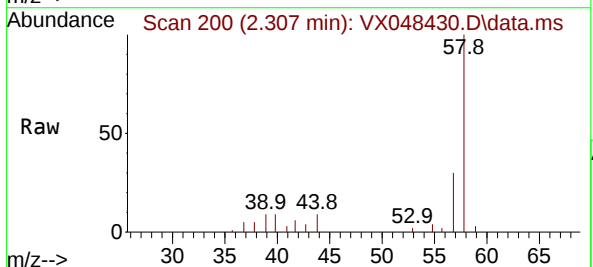
Instrument :
MSVOA_X
ClientSampleId :
10-16-25-WATER

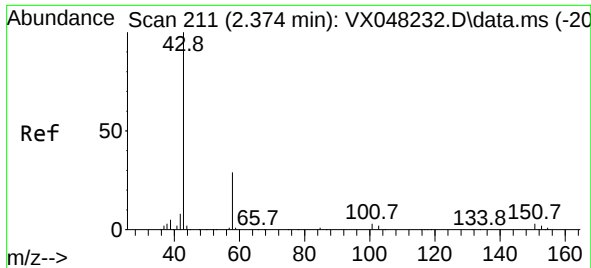
Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.676 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.073 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

Tgt Ion: 56 Resp: 249
Ion Ratio Lower Upper
56 100
55 241.4 56.1 84.1#

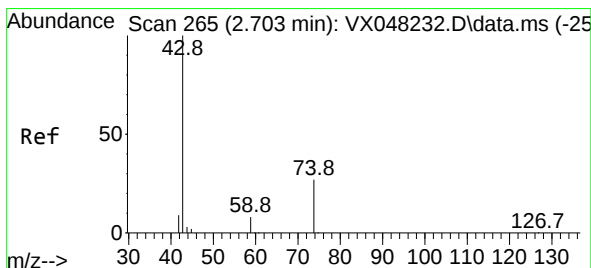
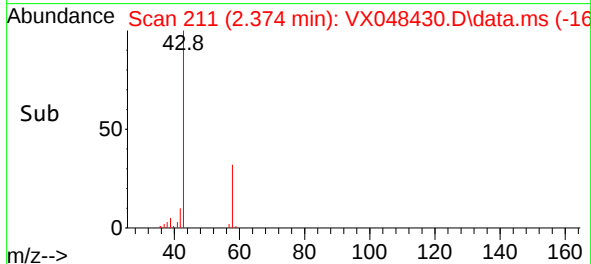
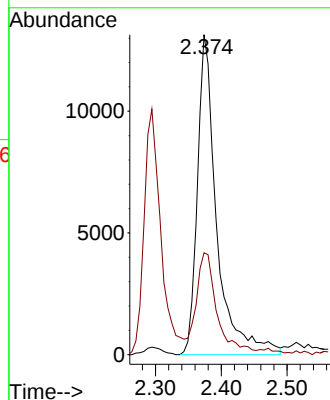
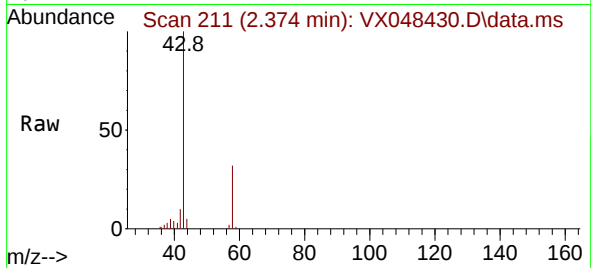




#16
Acetone
Concen: 51.341 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

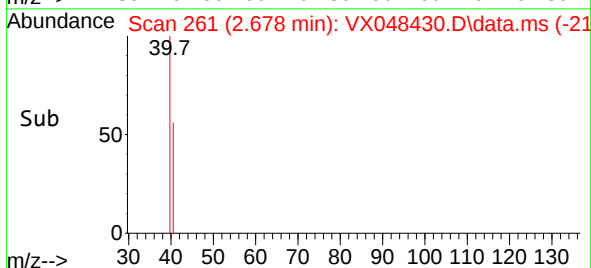
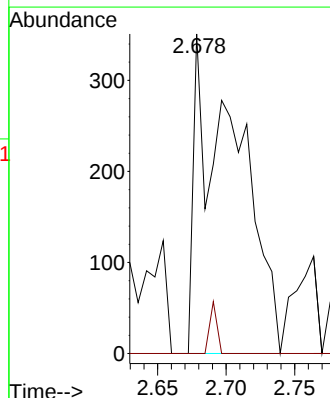
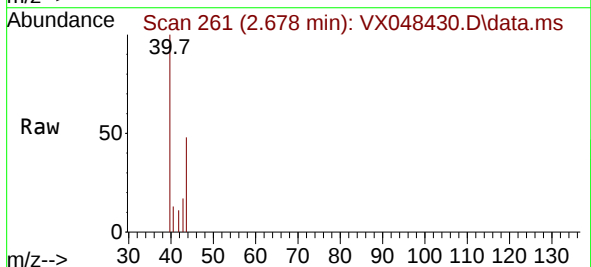
Instrument :
MSVOA_X
ClientSampleId :
10-16-25-WATER

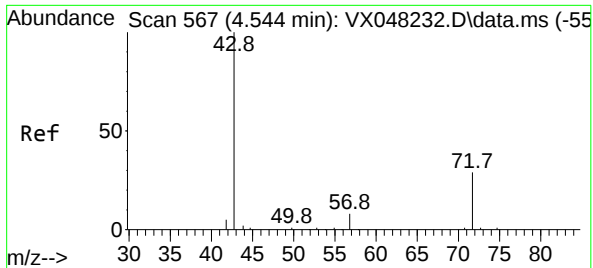
Tgt Ion: 43 Resp: 26790
Ion Ratio Lower Upper
43 100
58 30.8 23.4 35.2



#18
Methyl Acetate
Concen: 0.434 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.018 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
74 2.8 17.5 26.3#

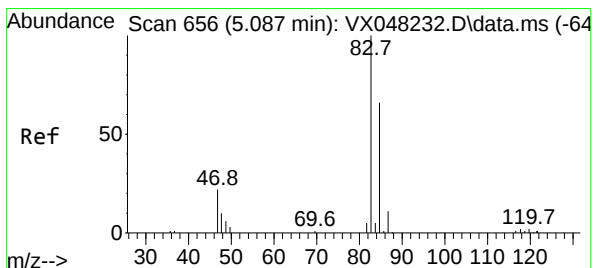
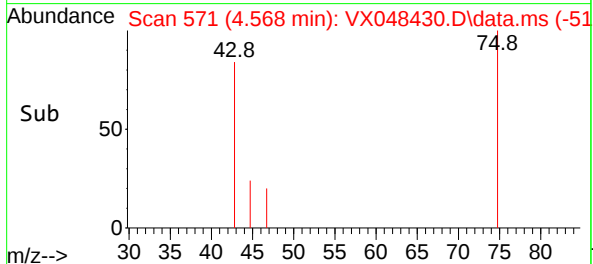
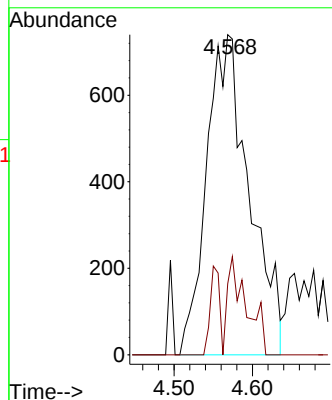
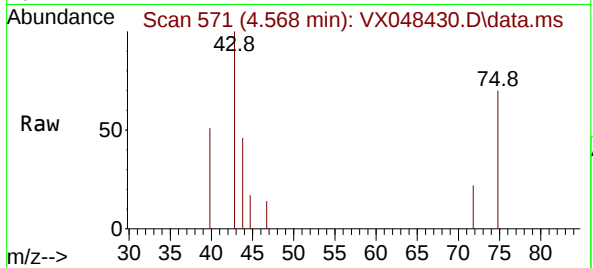




#25
2-Butanone
Concen: 3.369 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

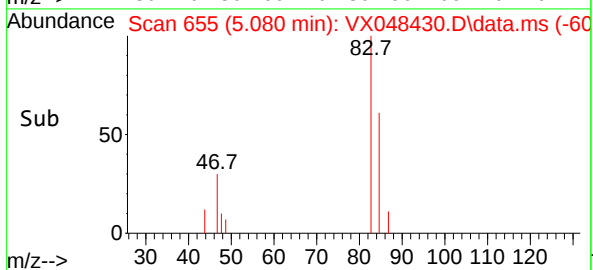
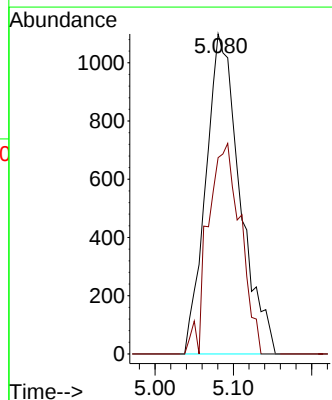
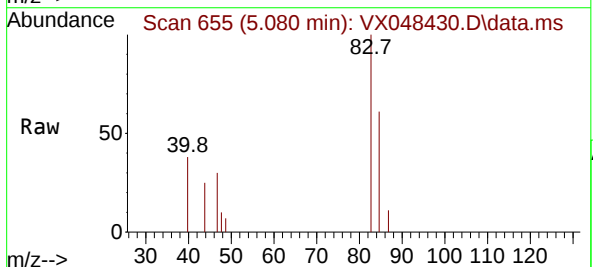
Instrument :
MSVOA_X
ClientSampleId :
10-16-25-WATER

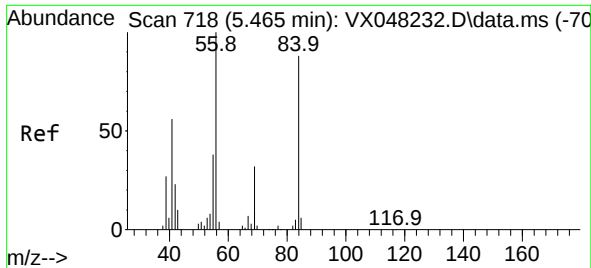
Tgt Ion: 43 Resp: 2808
Ion Ratio Lower Upper
43 100
72 24.8 19.9 29.9



#30
Chloroform
Concen: 0.884 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

Tgt Ion: 83 Resp: 3332
Ion Ratio Lower Upper
83 100
85 61.3 50.1 75.1

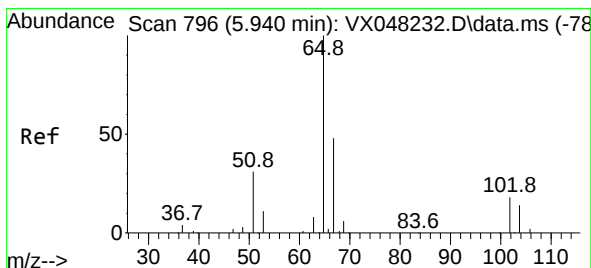
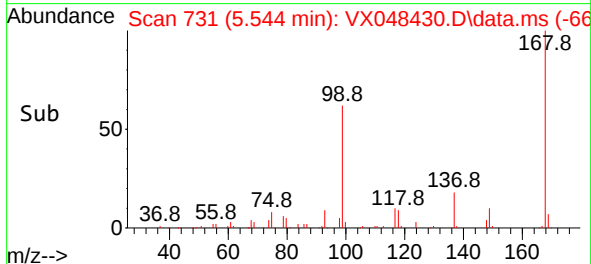
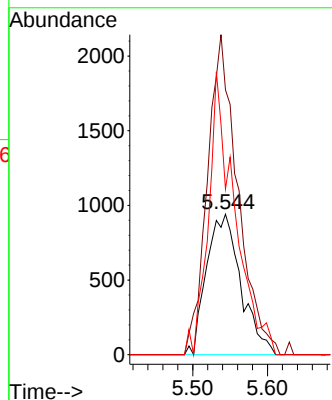
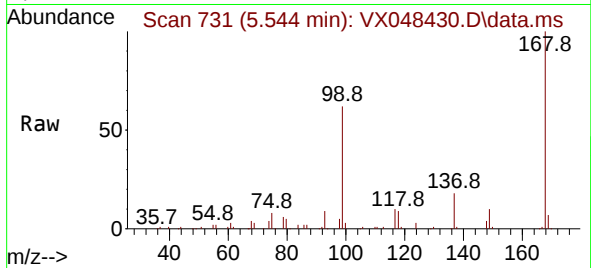




#31
Cyclohexane
Concen: 0.944 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

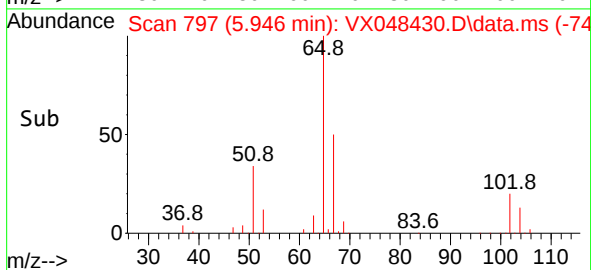
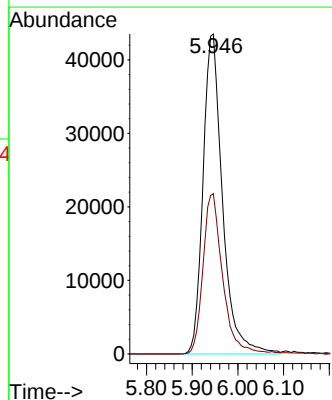
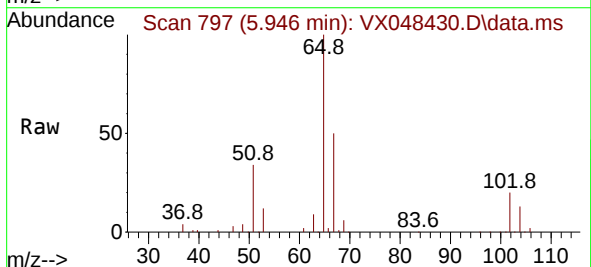
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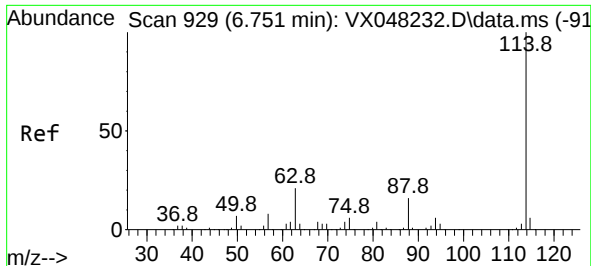
Tgt Ion: 56 Resp: 3004
Ion Ratio Lower Upper
56 100
69 188.4 23.0 34.6#
84 117.9 64.6 97.0#



#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

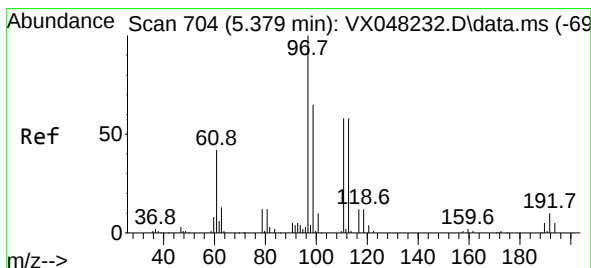
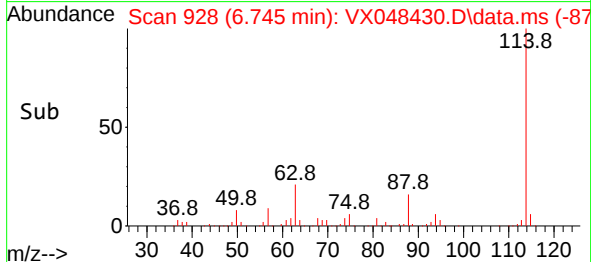
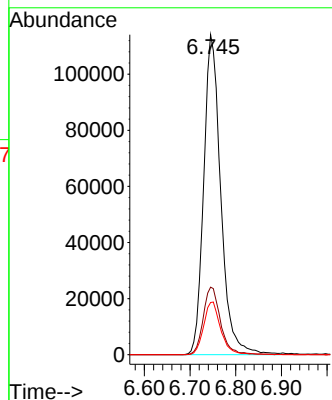
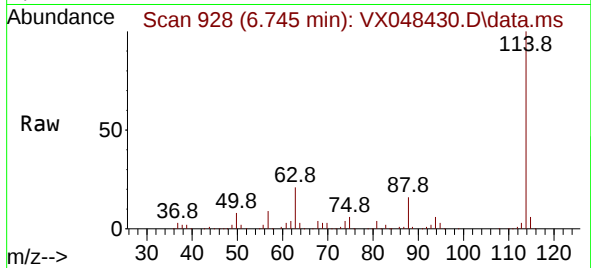




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

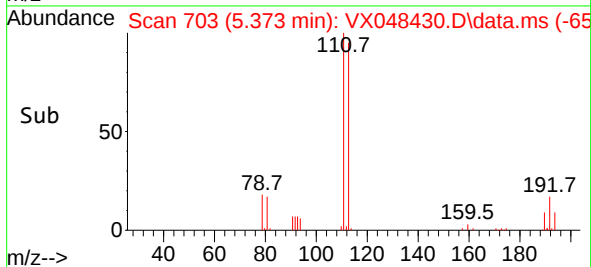
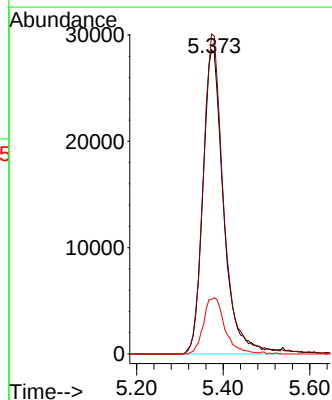
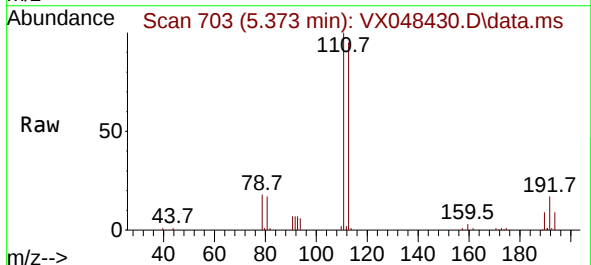
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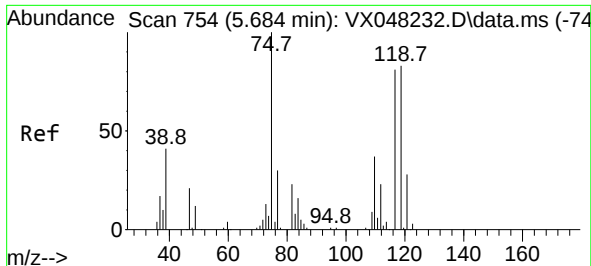
Tgt Ion:114 Resp: 296752
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 16.3 0.0 33.6



#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

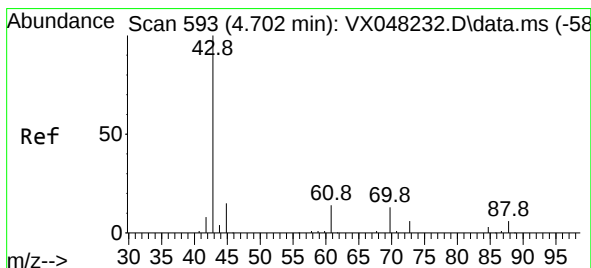
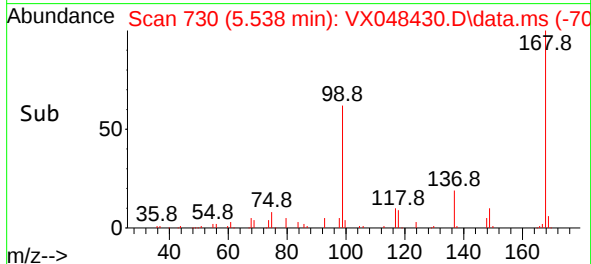
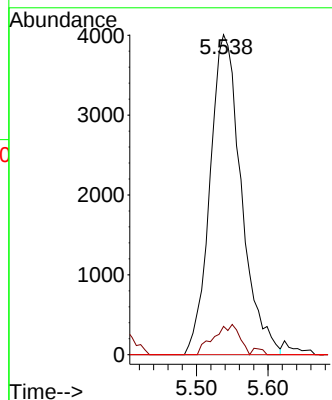
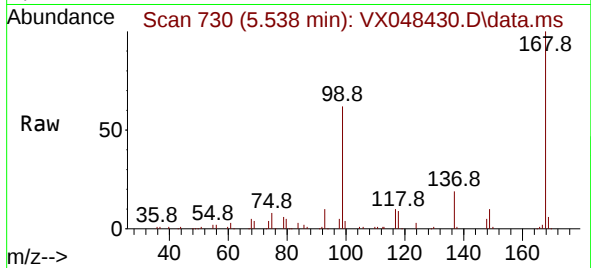




#36
1,1-Dichloropropene
Concen: 4.280 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

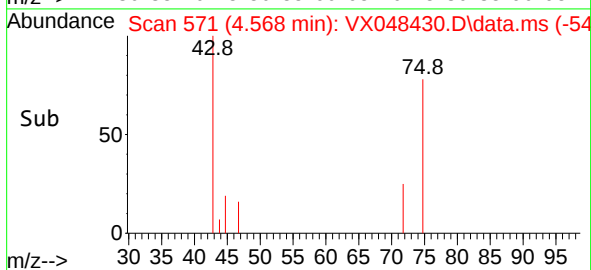
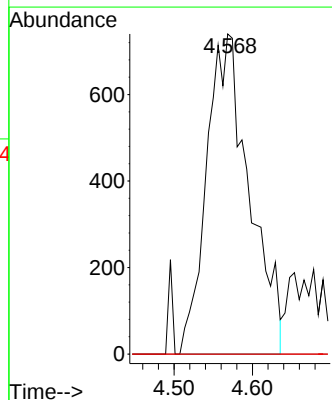
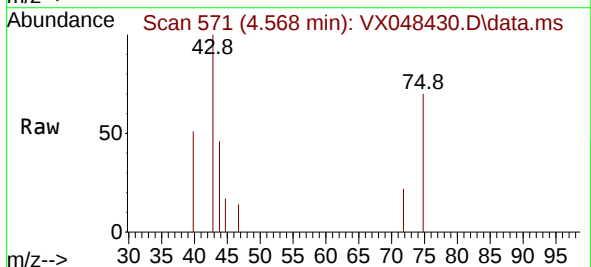
Instrument :
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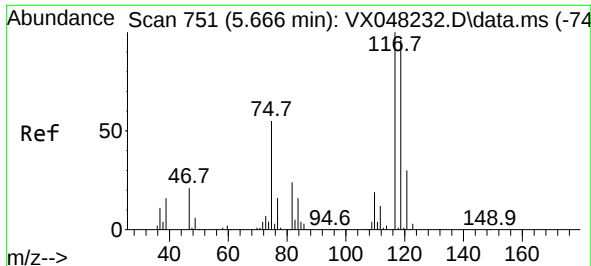
Tgt Ion: 75 Resp: 12159
Ion Ratio Lower Upper
75 100
110 7.8 17.7 53.1#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 1.160 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.128 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

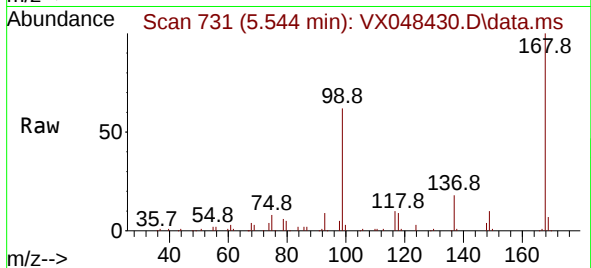
Tgt Ion: 43 Resp: 2808
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 7.8 11.6#



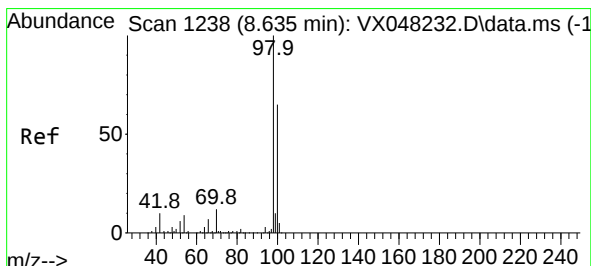
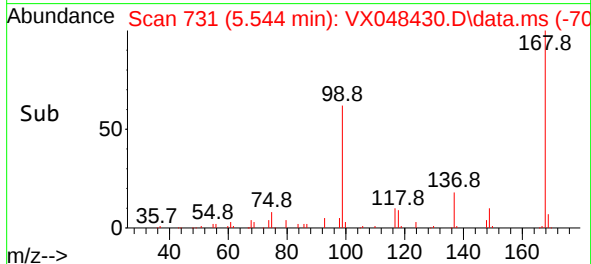
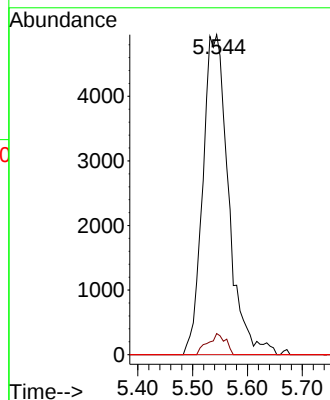


#38
Carbon Tetrachloride
Concen: 4.906 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
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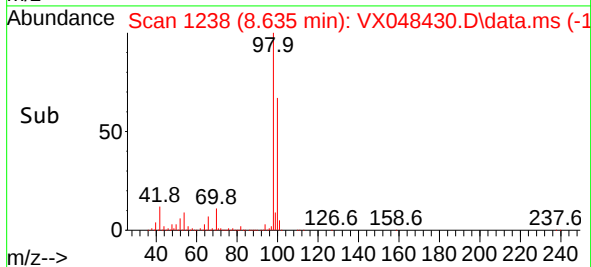
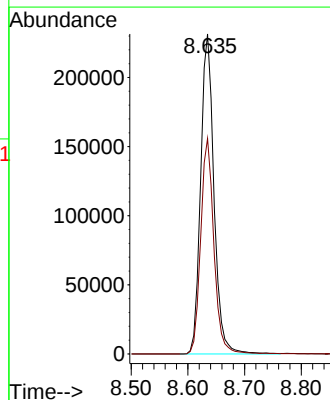
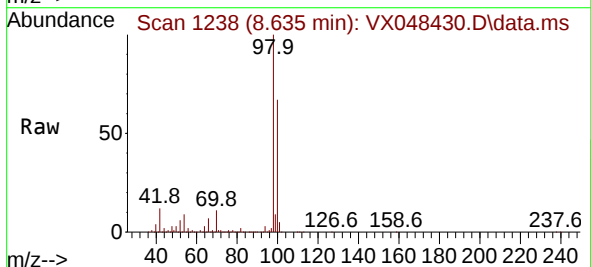


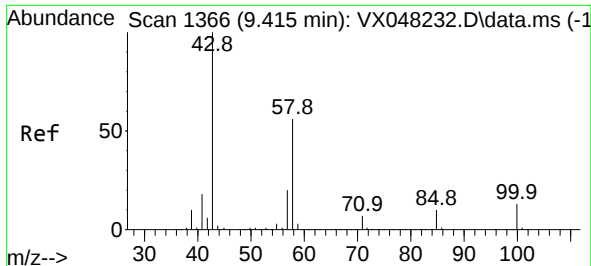
Tgt Ion:117 Resp: 16094
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 24.8 37.2#



#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

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





#59

2-Hexanone

Concen: 0.273 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX048430.D

Acq: 31 Oct 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

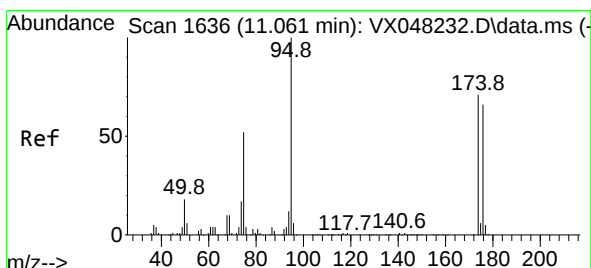
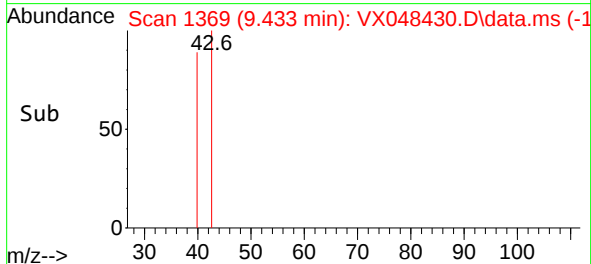
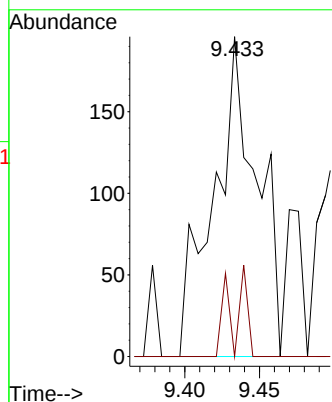
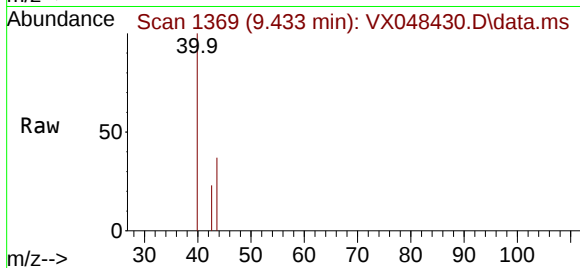
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Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

43 100

58 9.9 26.3 78.8#



#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

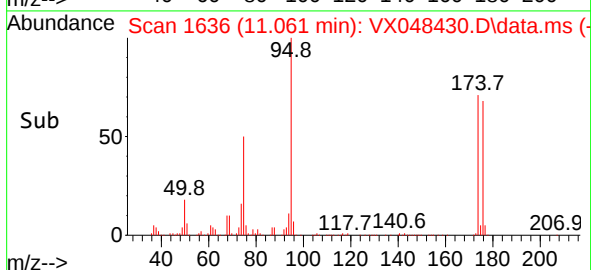
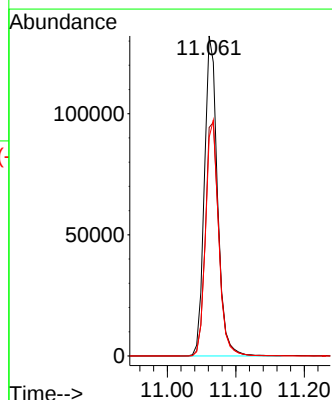
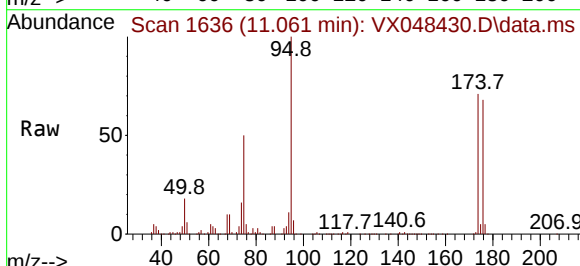
Tgt Ion: 95 Resp: 175203

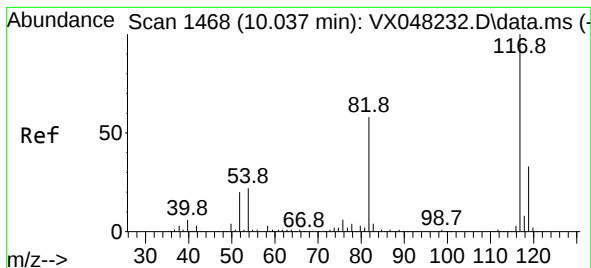
Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.8

176 73.8 0.0 142.8

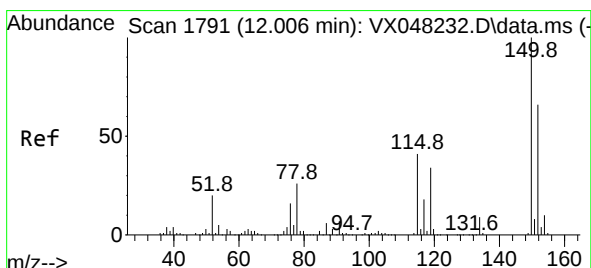
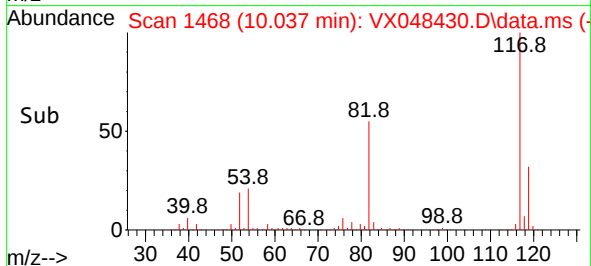
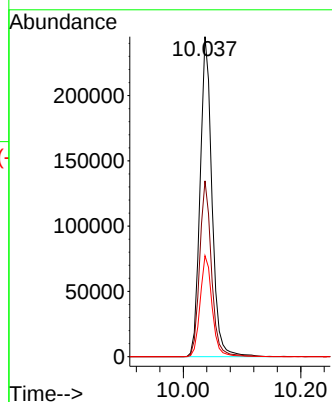
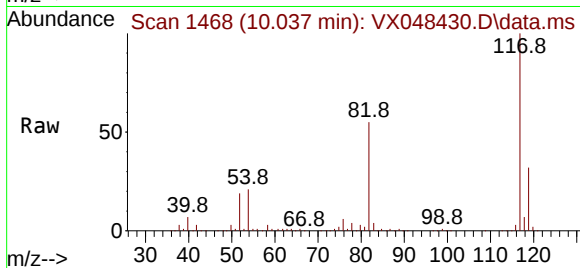




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048430.D
Acq: 31 Oct 2025 14:27

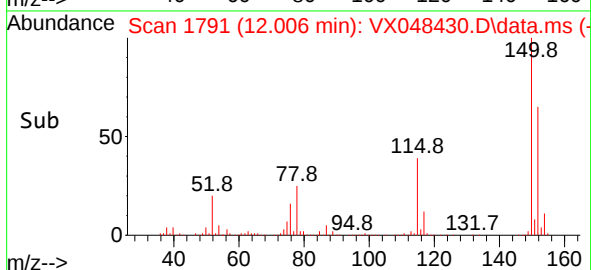
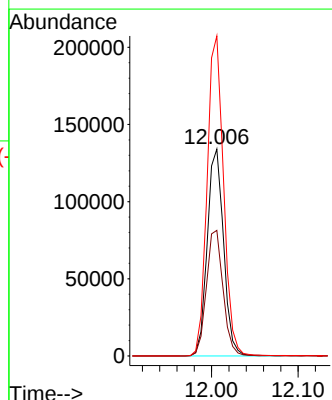
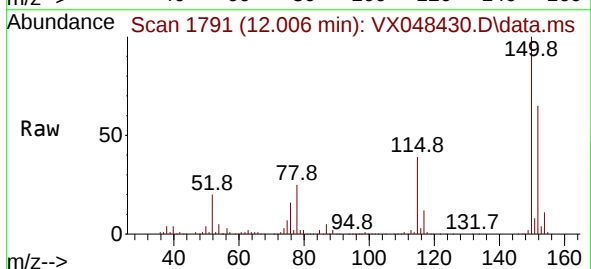
Instrument :
MSVOA_X
ClientSampleId :
10-16-25-WATER

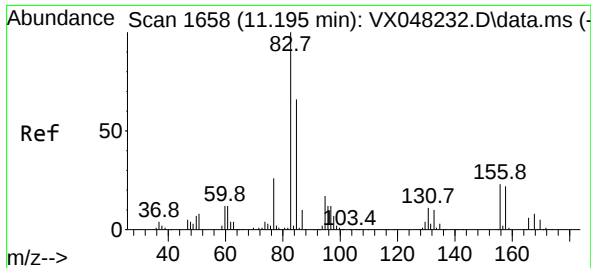
Tgt Ion:117 Resp: 343065
Ion Ratio Lower Upper
117 100
82 55.0 46.5 69.7
119 31.5 25.9 38.9



#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

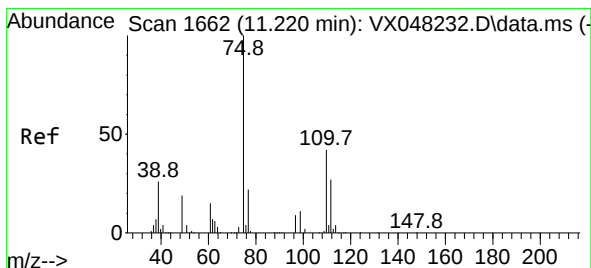
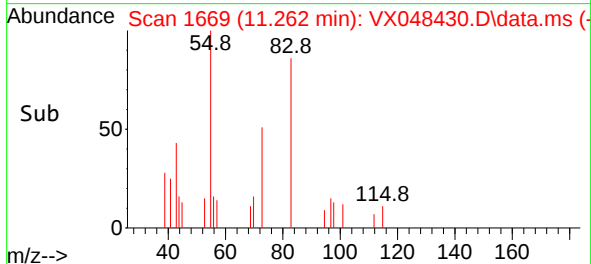
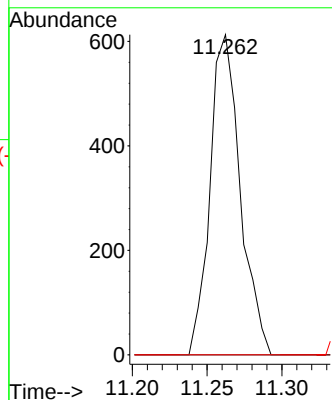
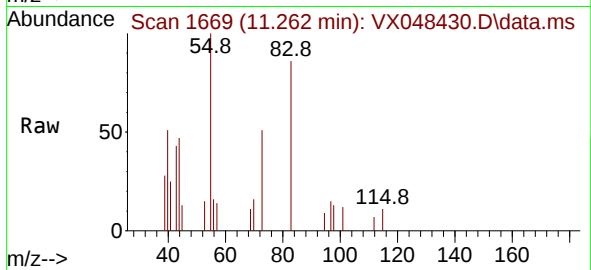




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.262 ug/l
 RT: 11.262 min Scan# 1669
 Delta R.T. 0.067 min
 Lab File: VX048430.D
 Acq: 31 Oct 2025 14:27

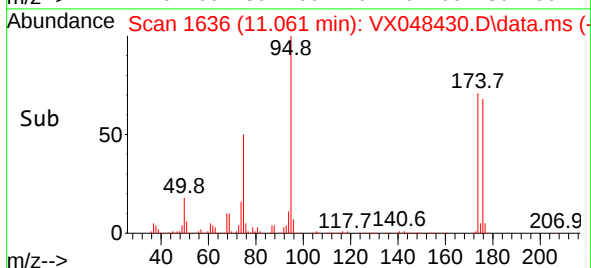
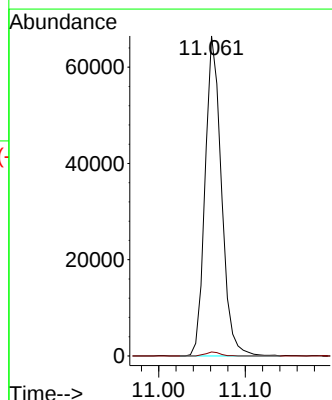
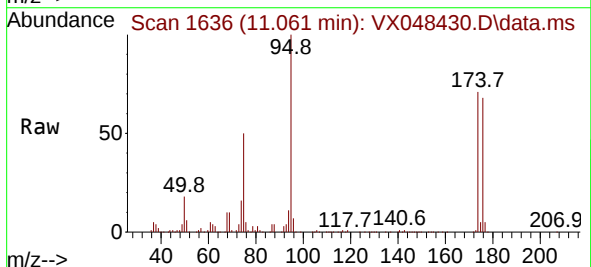
Instrument :
 MSVOA_X
 ClientSampleId :
 10-16-25-WATER

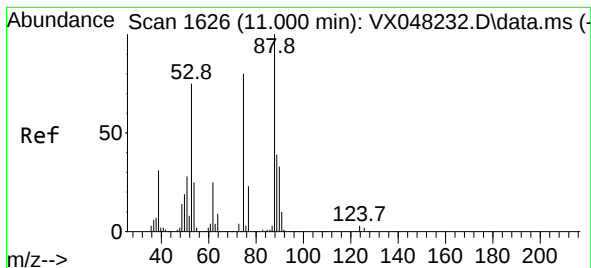
Tgt Ion: 83 Resp: 862
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.8 14.4#
 85 0.0 31.9 95.7#



#76
 1,2,3-Trichloropropane
 Concen: 34.520 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048430.D
 Acq: 31 Oct 2025 14:27

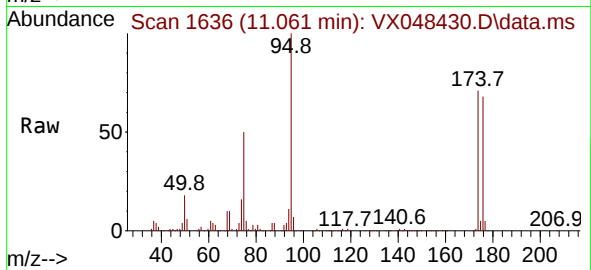
Tgt Ion: 75 Resp: 87108
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.460 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048430.D
 Acq: 31 Oct 2025 14:27

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



Tgt Ion: 75 Resp: 87108
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 36.8 55.2#

