

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045670.D
 Acq On : 09 Apr 2025 13:01
 Operator : JC/MD
 Sample : Q1739-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-LIQUID-20250404

Quant Time: Apr 10 01:34:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

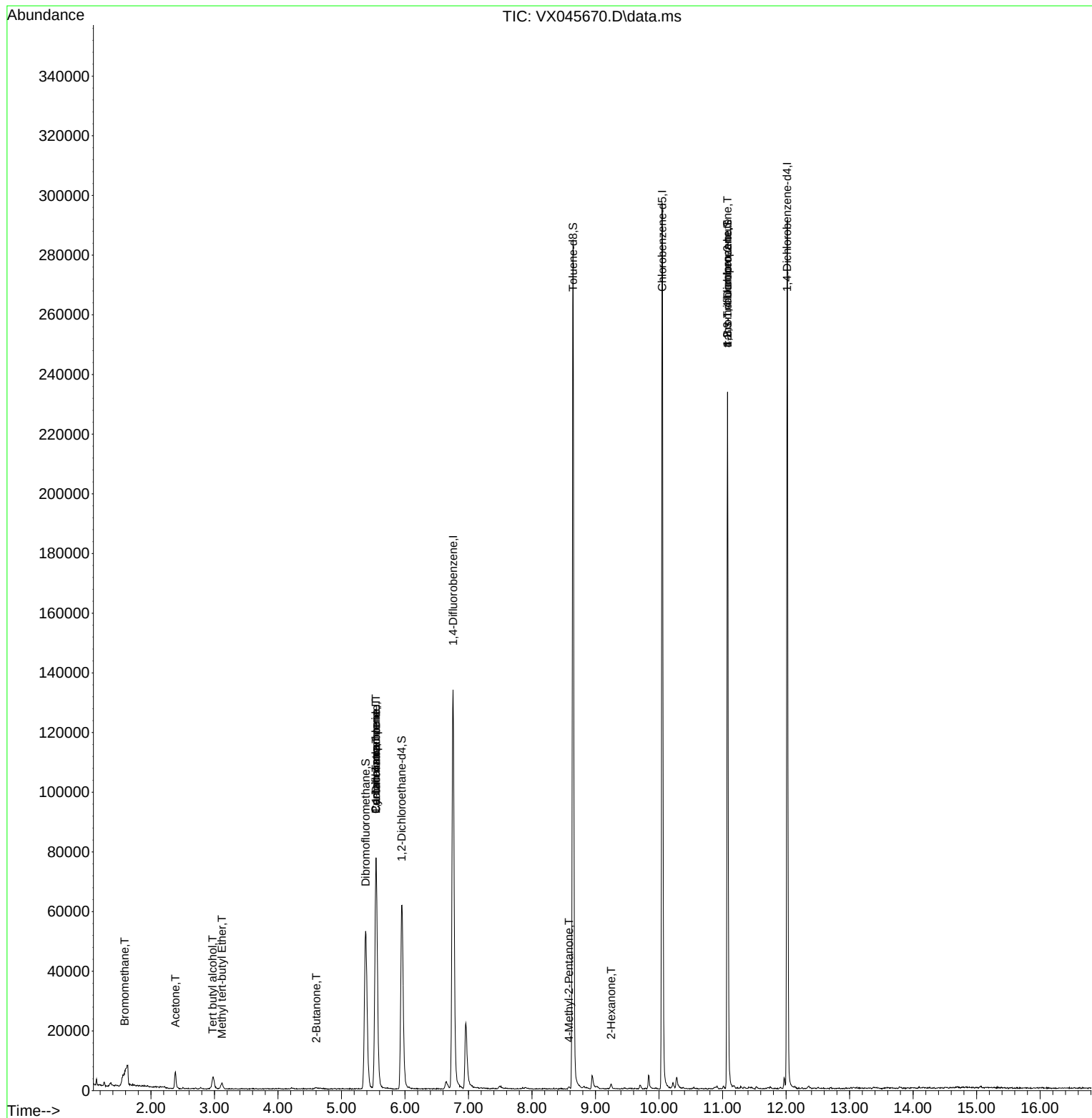
Internal Standards						
1) Pentafluorobenzene	5.544	168	64975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63603	53.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.060%	
35) Dibromofluoromethane	5.379	113	46416	50.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.560%	
50) Toluene-d8	8.647	98	160103	50.178	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	11.079	95	61526	52.939	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	124	0.286	ug/l #	3
11) Tert butyl alcohol	2.971	59	4915	30.779	ug/l #	94
16) Acetone	2.386	43	6086	12.473	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	2051	0.752	ug/l	97
25) 2-Butanone	4.605	43	663	0.928	ug/l #	52
31) Cyclohexane	5.544	56	2046	1.404	ug/l #	44
36) 1,1-Dichloropropene	5.544	75	6671	5.405	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7510	5.630	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	533	0.341	ug/l #	78
59) 2-Hexanone	9.244	43	1240	1.071	ug/l	78
76) 1,2,3-Trichloropropane	11.079	75	35658	28.033	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35658	95.141	ug/l #	1

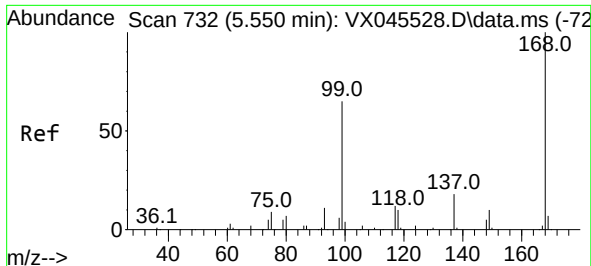
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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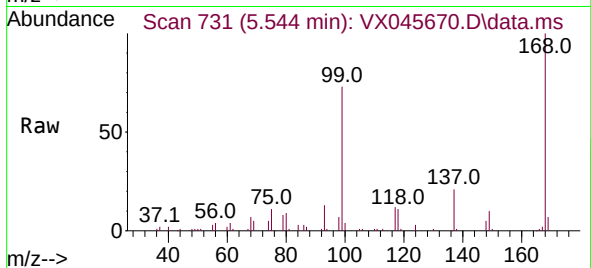
Quant Time: Apr 10 01:34:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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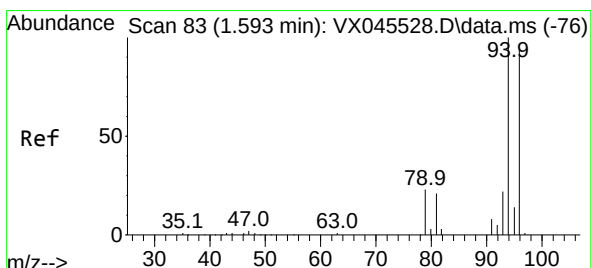
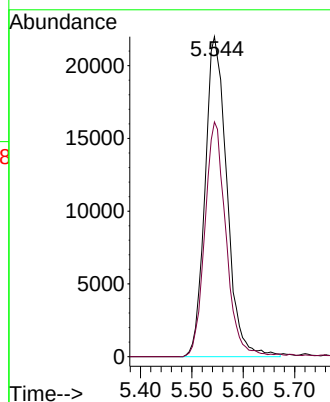
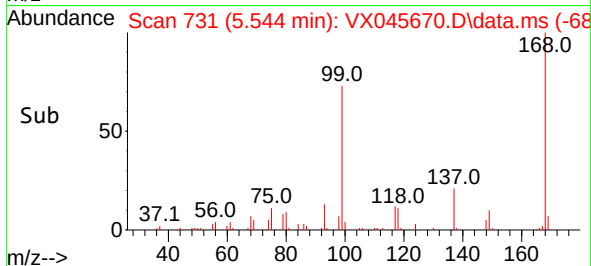


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

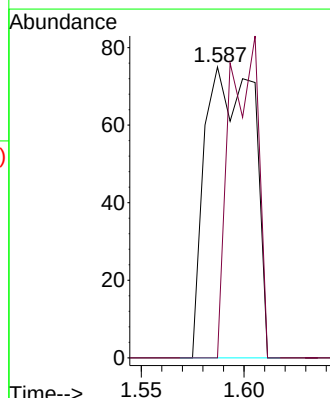
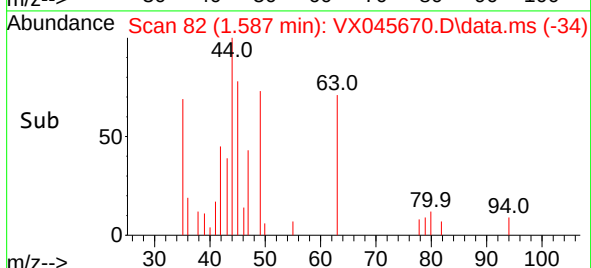
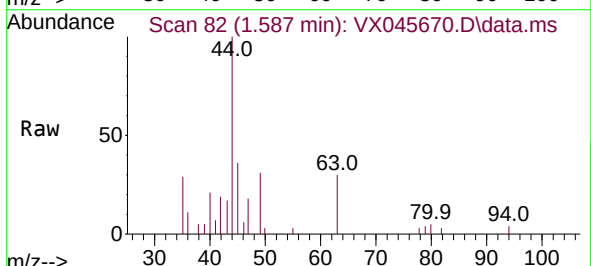


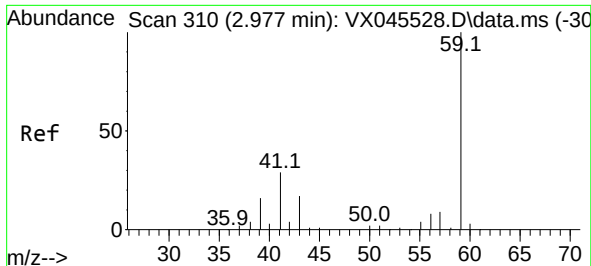
Tgt Ion:168 Resp: 64975
Ion Ratio Lower Upper
168 100
99 73.3 52.3 78.5



#5
Bromomethane
Concen: 0.286 ug/l
RT: 1.587 min Scan# 82
Delta R.T. -0.006 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

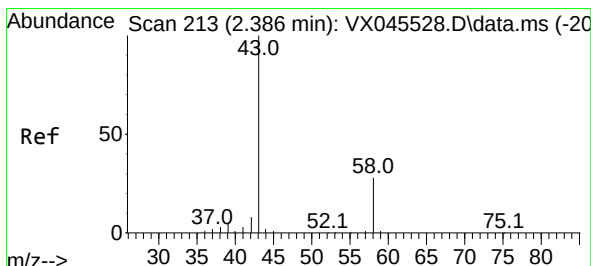
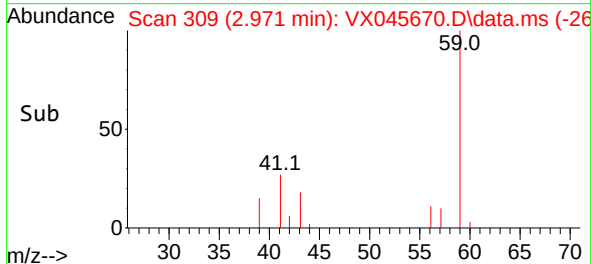
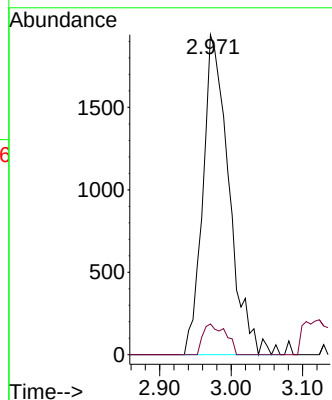
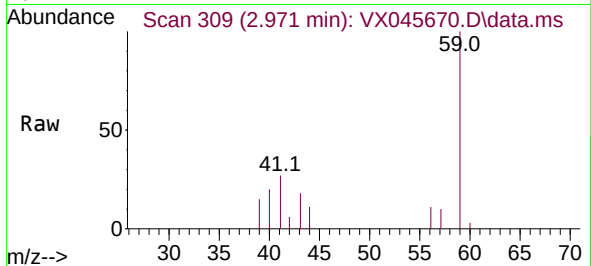




#11
Tert butyl alcohol
Concen: 30.779 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

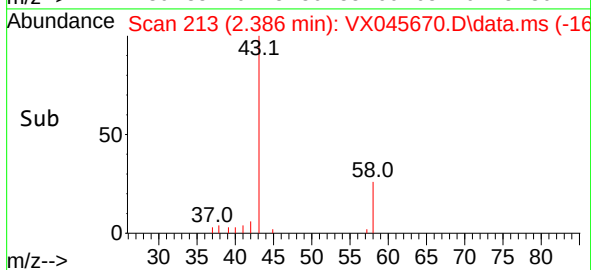
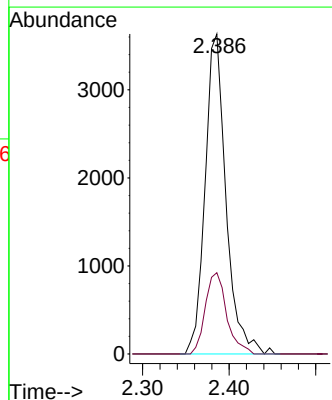
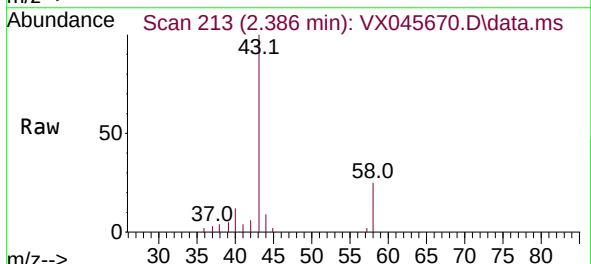
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

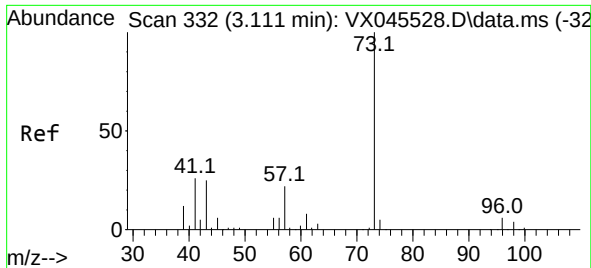
Tgt Ion: 59 Resp: 4915
Ion Ratio Lower Upper
59 100
57 8.3 8.6 12.8#



#16
Acetone
Concen: 12.473 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

Tgt Ion: 43 Resp: 6086
Ion Ratio Lower Upper
43 100
58 25.4 22.3 33.5

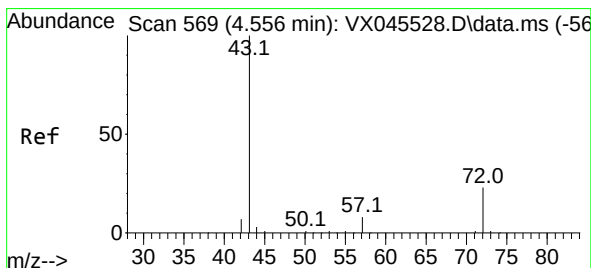
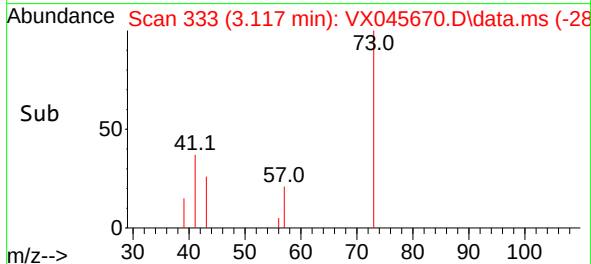
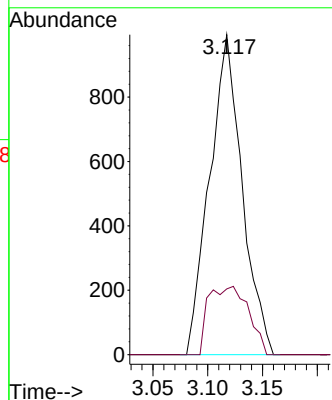
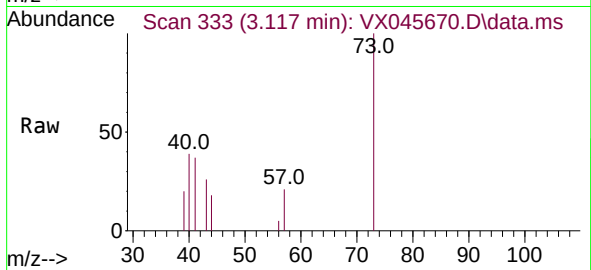




#19
Methyl tert-butyl Ether
Concen: 0.752 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

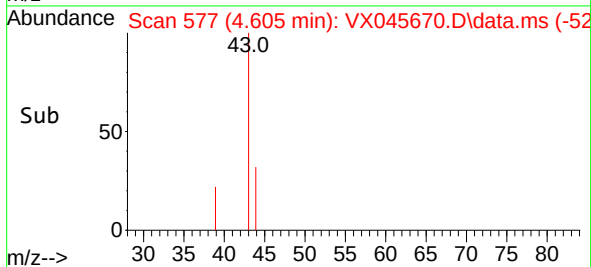
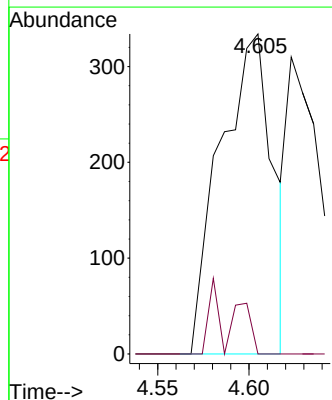
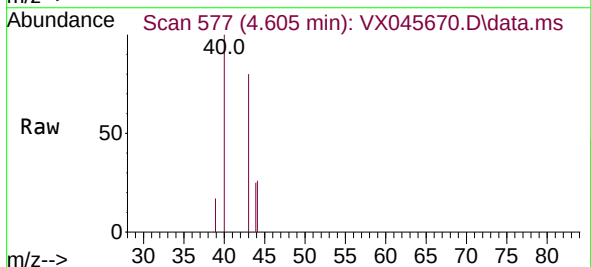
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

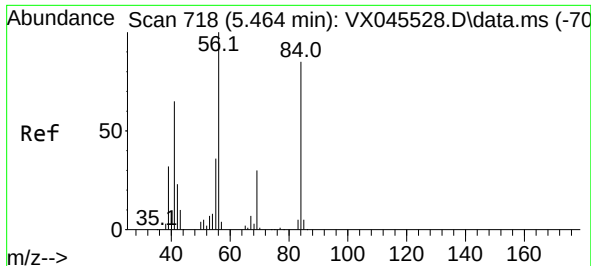
Tgt Ion: 73 Resp: 2051
Ion Ratio Lower Upper
73 100
57 20.5 17.6 26.4



#25
2-Butanone
Concen: 0.928 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.049 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
72 0.0 18.6 28.0#

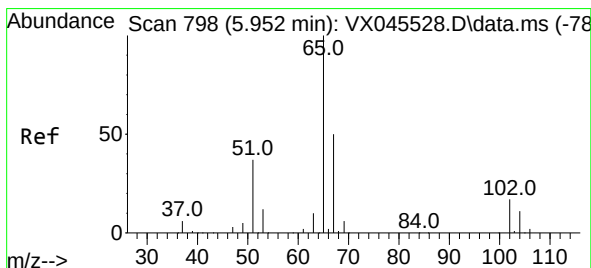
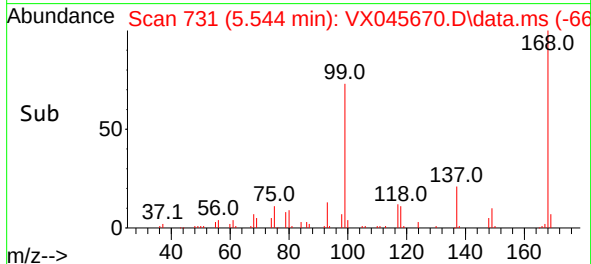
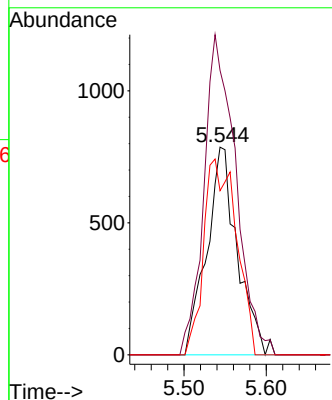
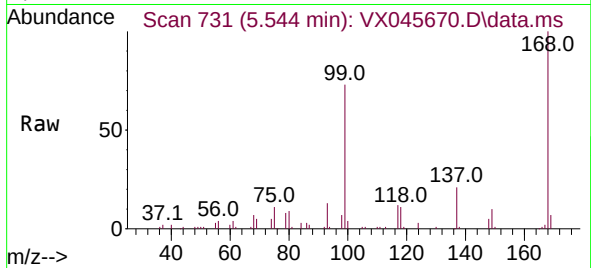




#31
Cyclohexane
Concen: 1.404 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

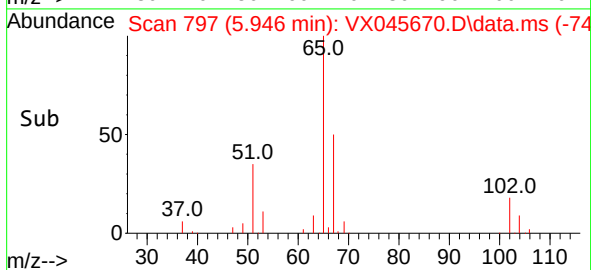
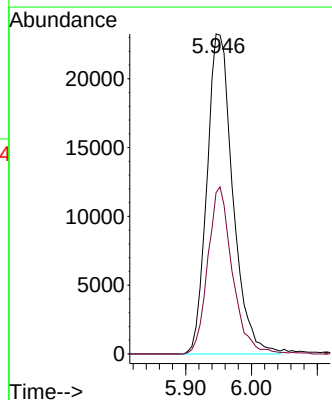
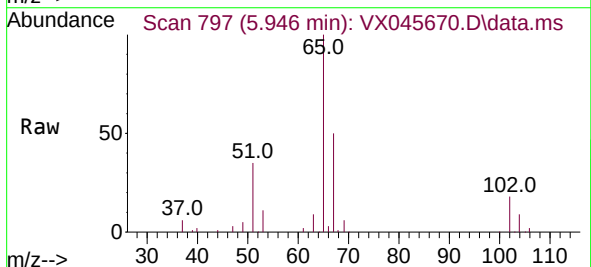
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

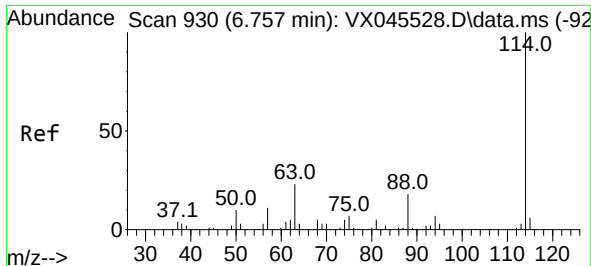
Tgt Ion: 56 Resp: 2046
Ion Ratio Lower Upper
56 100
69 137.0 23.6 35.4#
84 79.0 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 53.528 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

Tgt Ion: 65 Resp: 63603
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

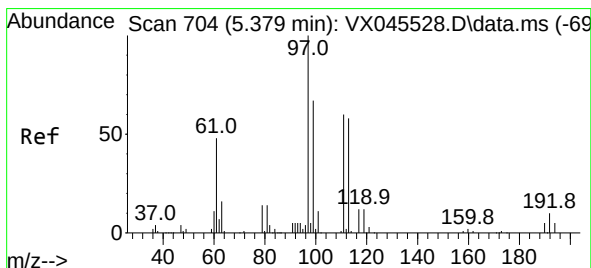
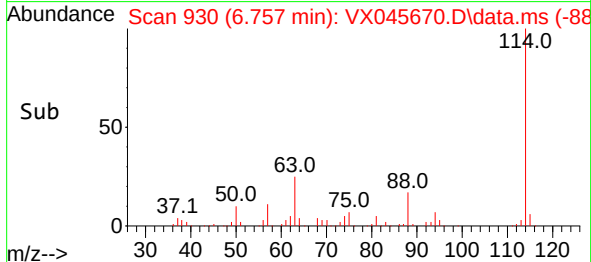
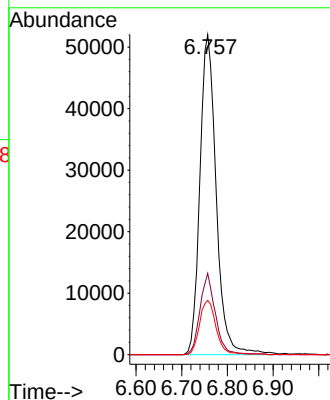
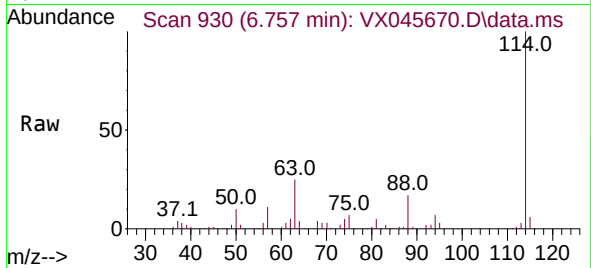




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045670.D
 Acq: 09 Apr 2025 13:01

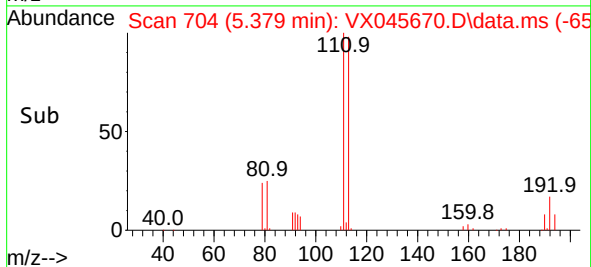
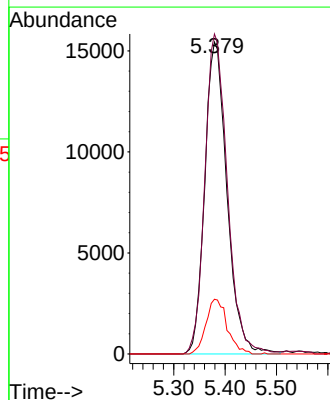
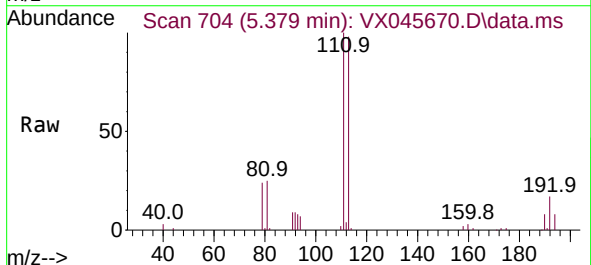
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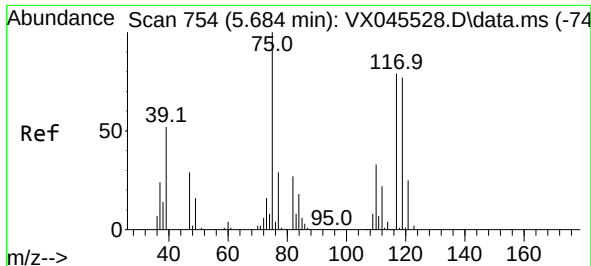
Tgt Ion:114 Resp: 128842
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 46.8
 88 17.0 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.776 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045670.D
 Acq: 09 Apr 2025 13:01

Tgt Ion:113 Resp: 46416
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.6
 192 16.7 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.405 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045670.D

Acq: 09 Apr 2025 13:01

Instrument :

MSVOA_X

ClientSampleId :

WC-LIQUID-20250404

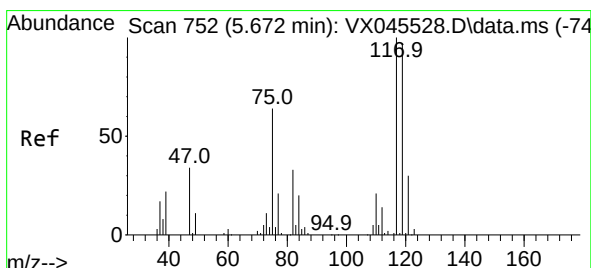
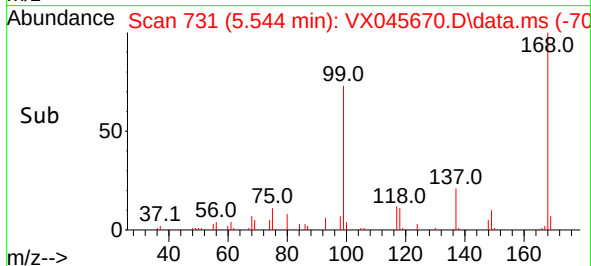
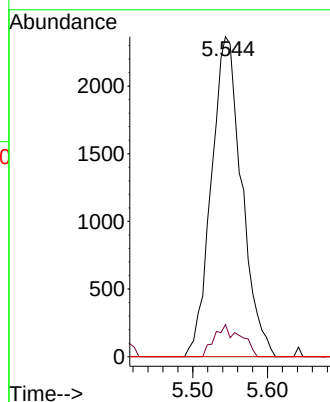
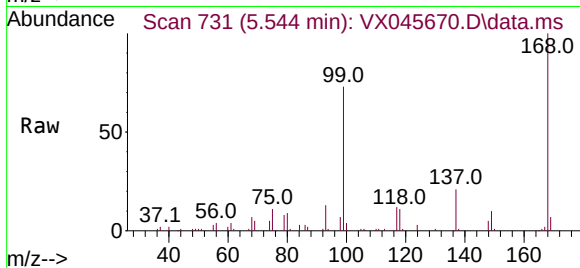
Tgt Ion: 75 Resp: 6671

Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.630 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045670.D

Acq: 09 Apr 2025 13:01

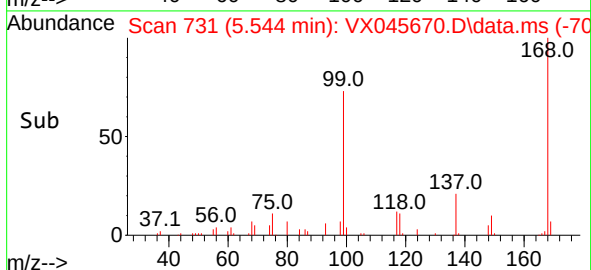
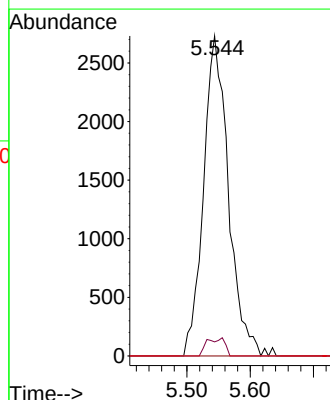
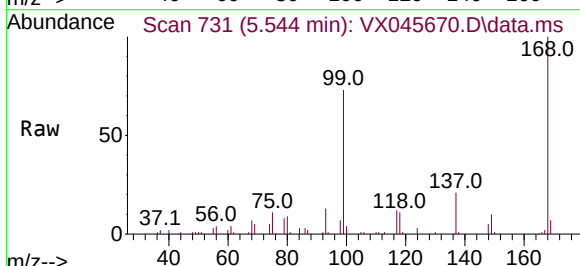
Tgt Ion: 117 Resp: 7510

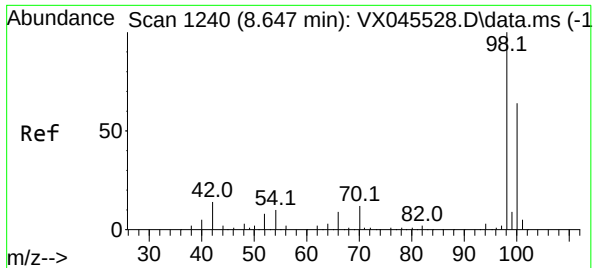
Ion Ratio Lower Upper

117 100

119 4.4 76.9 115.3#

121 0.0 24.2 36.2#

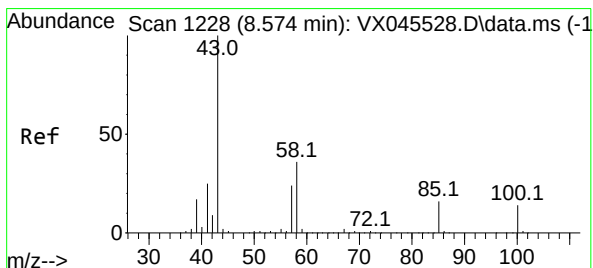
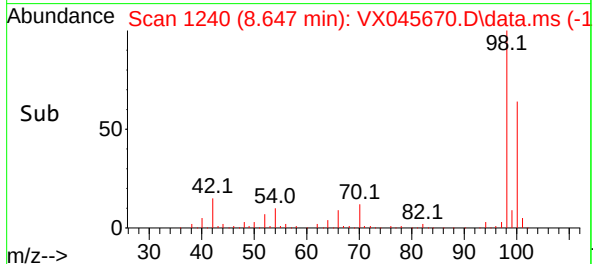
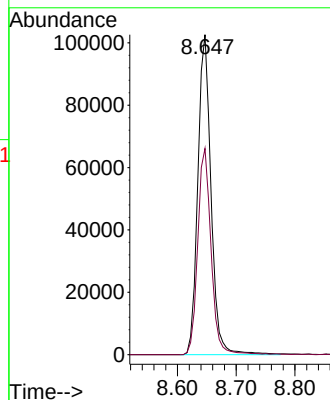
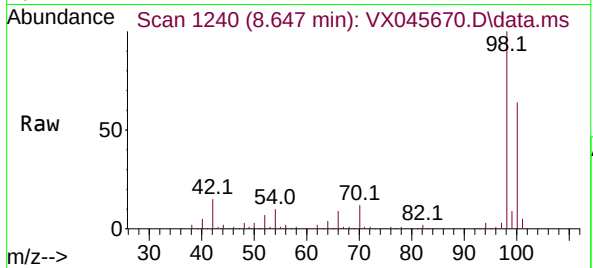




#50
Toluene-d8
Concen: 50.178 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

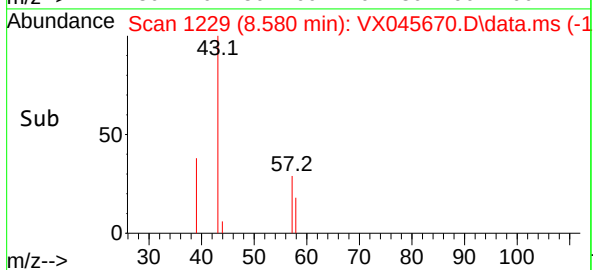
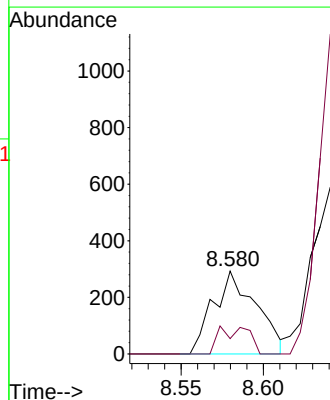
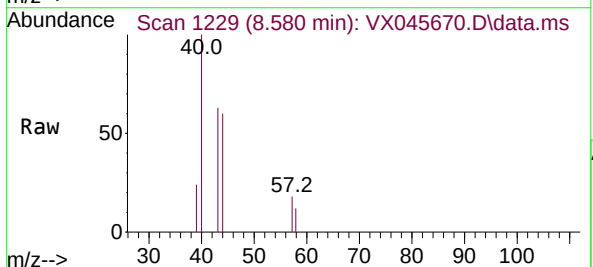
Instrument :
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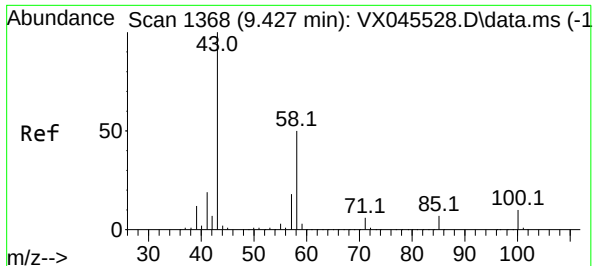
Tgt Ion: 98 Resp: 160103
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.341 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 22.7 28.5 42.7#





#59

2-Hexanone

Concen: 1.071 ug/l

RT: 9.244 min Scan# 11

Delta R.T. -0.183 min

Lab File: VX045670.D

Acq: 09 Apr 2025 13:01

Instrument :

MSVOA_X

ClientSampleId :

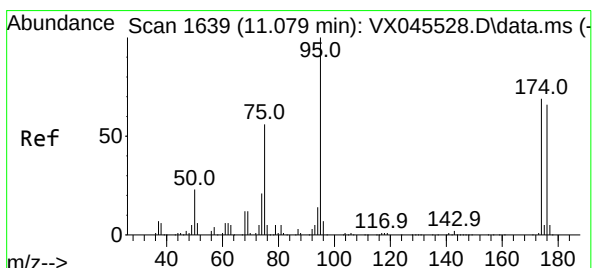
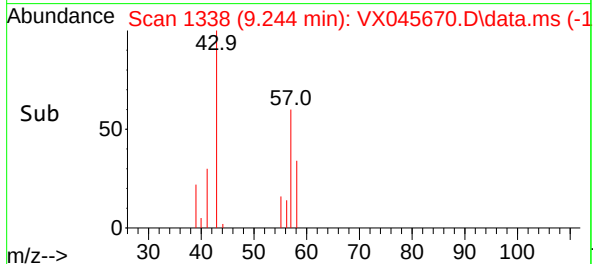
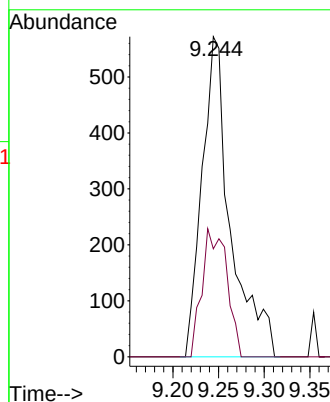
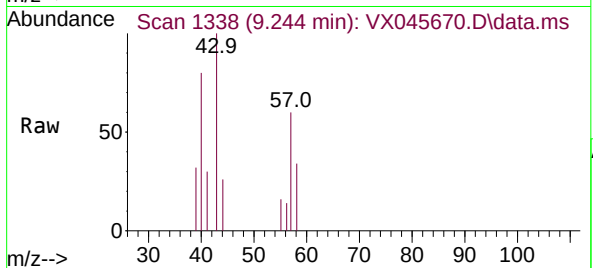
WC-LIQUID-20250404

Tgt Ion: 43 Resp: 1240

Ion Ratio Lower Upper

43 100

58 34.8 24.9 74.6



#62

4-Bromofluorobenzene

Concen: 52.939 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045670.D

Acq: 09 Apr 2025 13:01

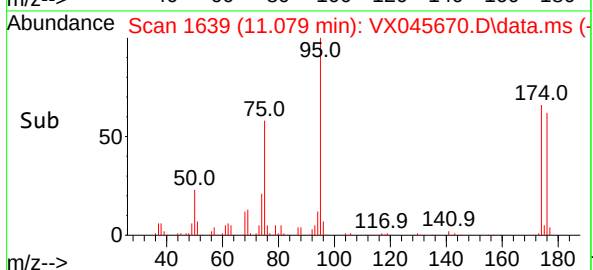
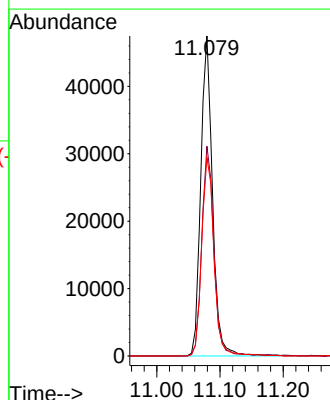
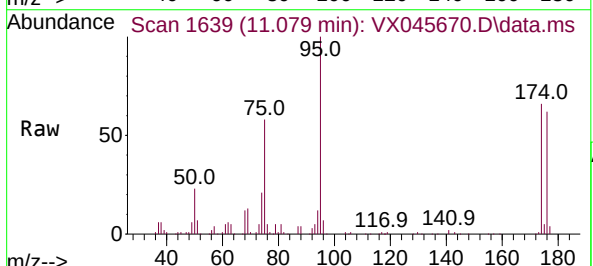
Tgt Ion: 95 Resp: 61526

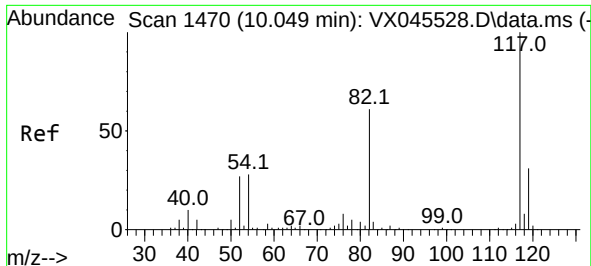
Ion Ratio Lower Upper

95 100

174 66.8 0.0 135.8

176 65.0 0.0 131.4

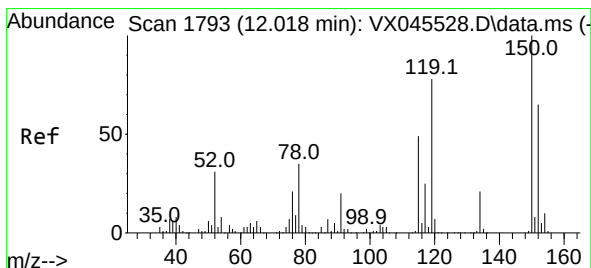
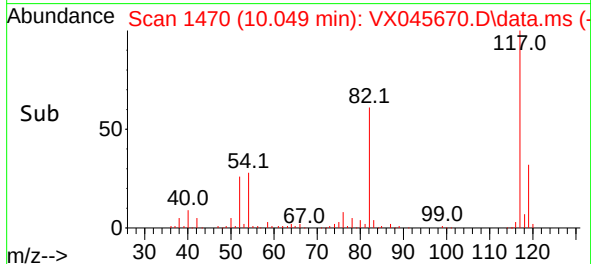
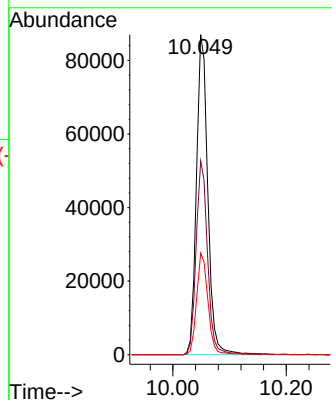
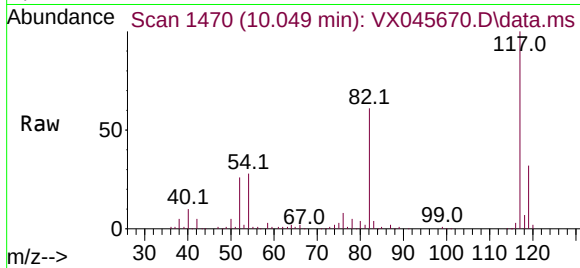




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

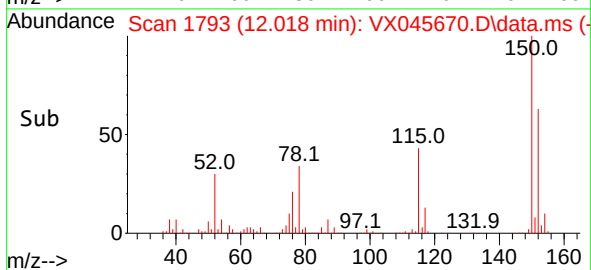
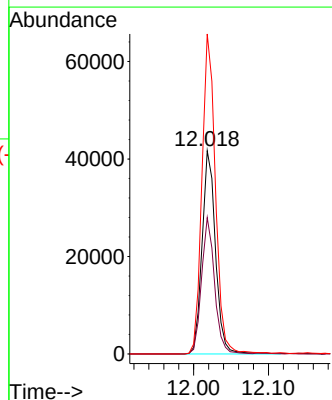
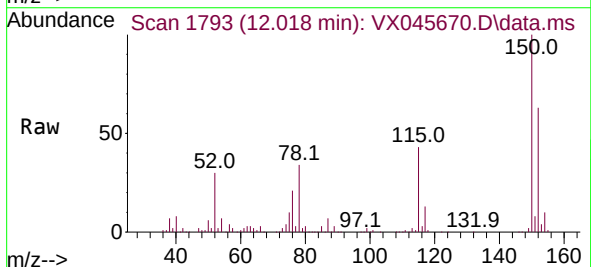
Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

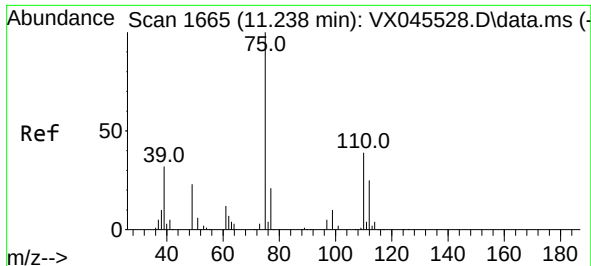
Tgt Ion:117 Resp: 121333
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

Tgt Ion:152 Resp: 52147
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 158.2 0.0 349.4

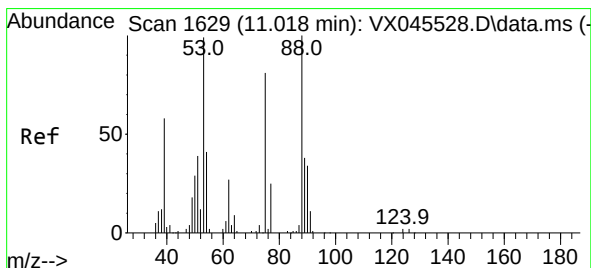
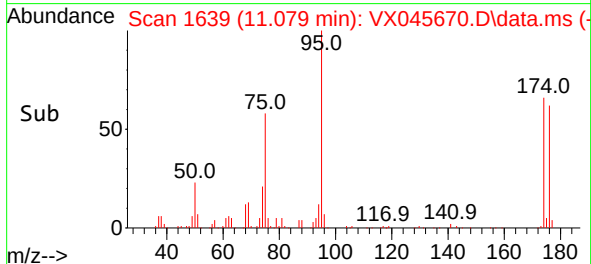
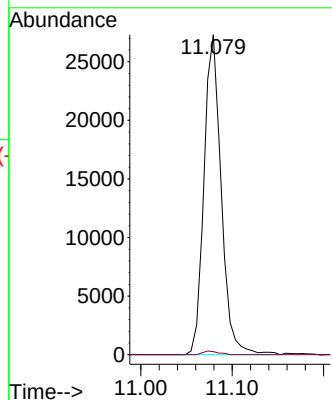
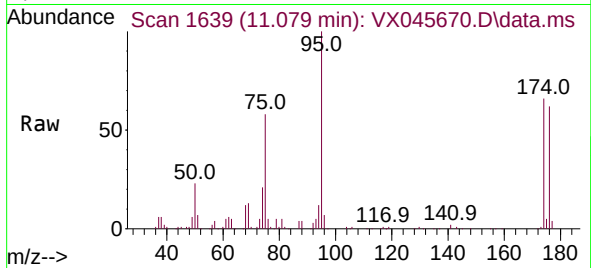




#76
1,2,3-Trichloropropane
Concen: 28.033 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :
WC-LIQUID-20250404

Tgt Ion: 75 Resp: 35658
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045670.D
Acq: 09 Apr 2025 13:01

Tgt Ion: 75 Resp: 35658
Ion Ratio Lower Upper
75 100
53 0.1 101.8 152.6#
89 0.0 37.2 55.8#

