

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080827.D
 Acq On : 30 Jan 2024 20:22
 Operator : JC\MD
 Sample : P1270-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-LIQUID-20240126

Quant Time: Jan 31 02:14:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

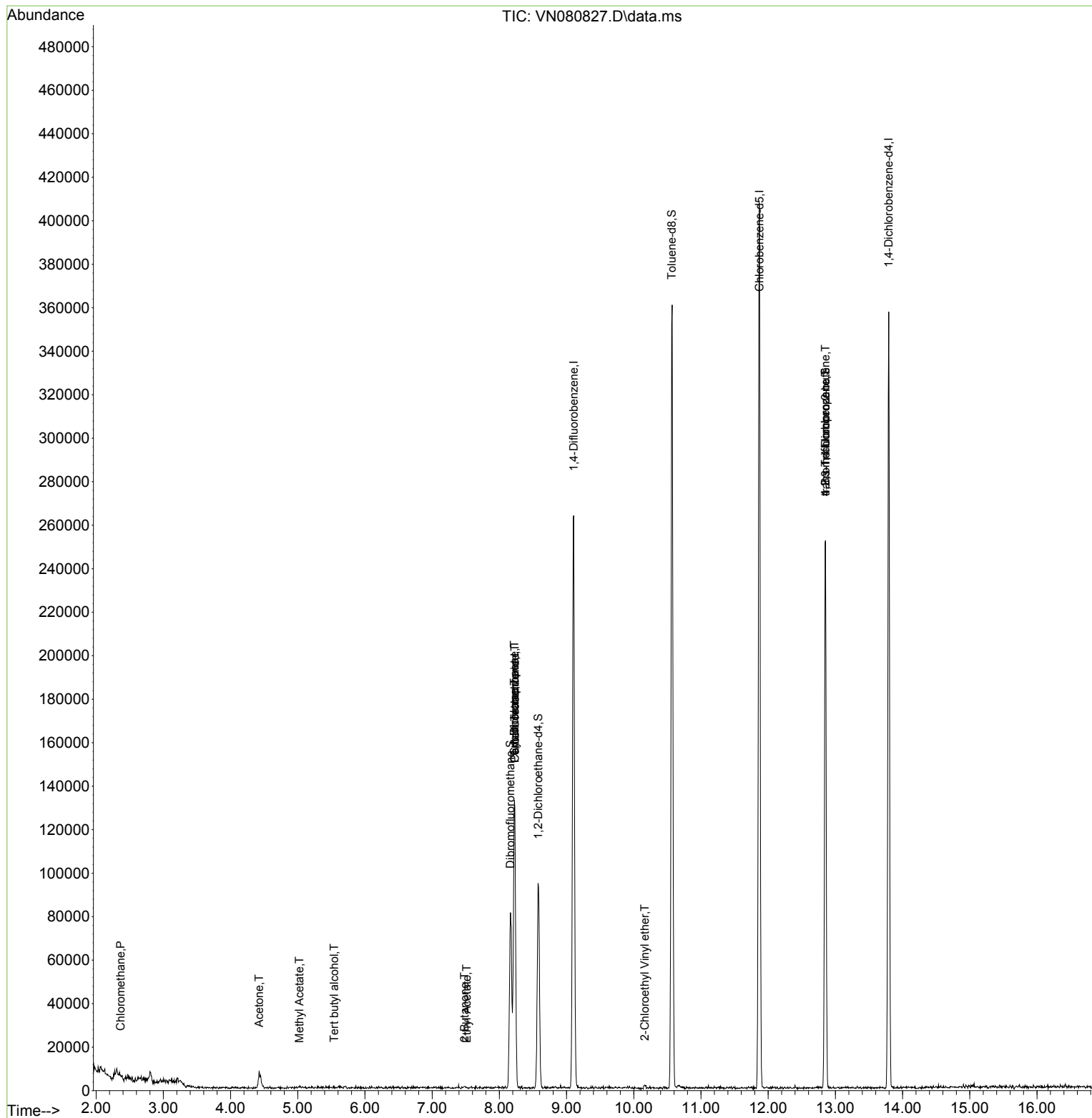
Internal Standards						
1) Pentafluorobenzene	8.230	168	84449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	206987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	73443	50.271	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.540%	
35) Dibromofluoromethane	8.165	113	58859	46.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.600%	
50) Toluene-d8	10.565	98	230267	46.778	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.560%	
62) 4-Bromofluorobenzene	12.853	95	86129	50.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1508	0.800	ug/l #	43
11) Tert butyl alcohol	5.542	59	54	0.227	ug/l #	72
16) Acetone	4.424	43	12578	23.739	ug/l #	88
18) Methyl Acetate	5.024	43	534	0.289	ug/l #	54
25) 2-Butanone	7.483	43	753	0.748	ug/l #	51
31) Cyclohexane	8.224	56	3097	1.236	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	9358	4.003	ug/l #	49
37) Ethyl Acetate	7.512	43	485	0.202	ug/l #	70
38) Carbon Tetrachloride	8.230	117	9827	5.217	ug/l #	17
58) 2-Chloroethyl Vinyl ether	10.165	63	832	0.613	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	50770	21.514	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	50770	55.424	ug/l #	14

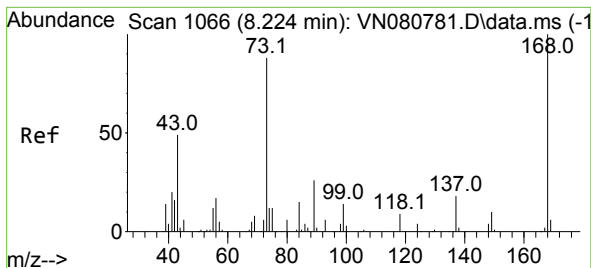
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080827.D

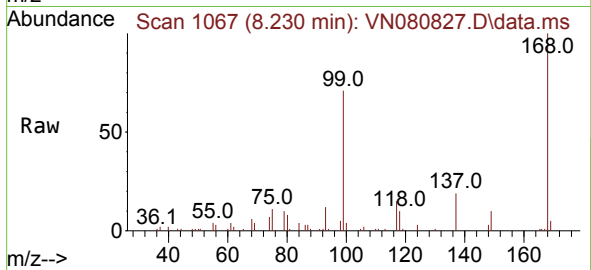
Acq: 30 Jan 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

WC-LIQUID-20240126

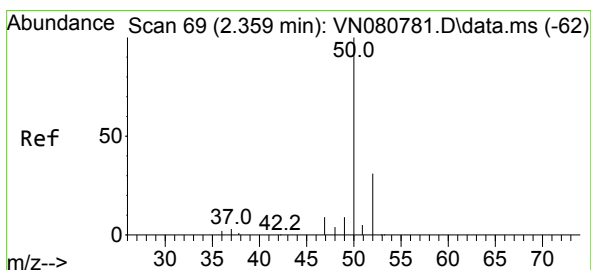
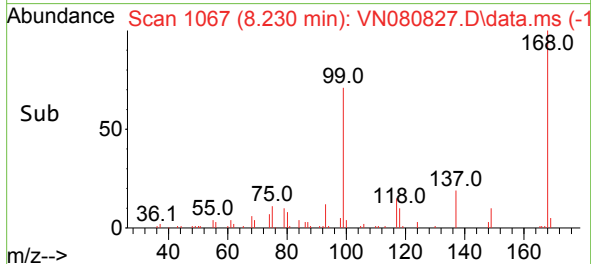
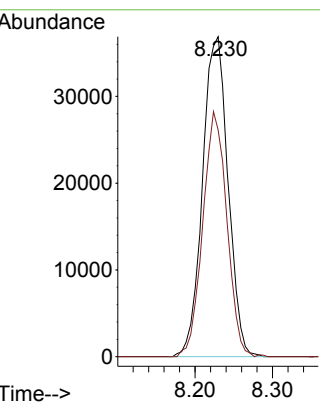


Tgt Ion:168 Resp: 84449

Ion Ratio Lower Upper

168 100

99 70.8 59.9 89.9



#3

Chloromethane

Concen: 0.800 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080827.D

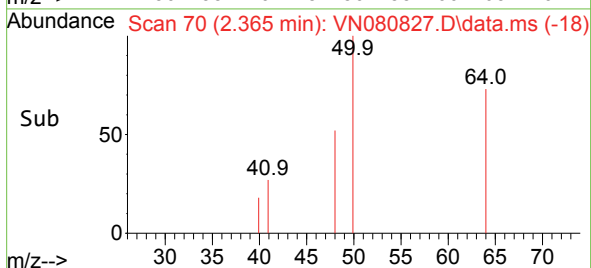
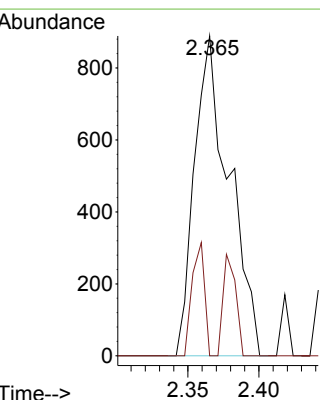
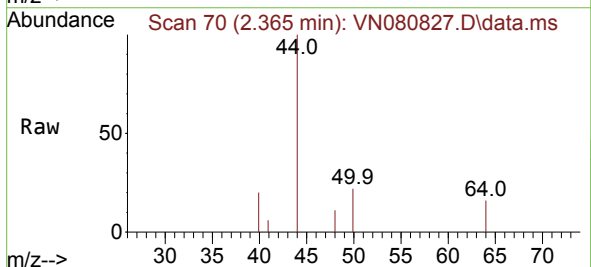
Acq: 30 Jan 2024 20:22

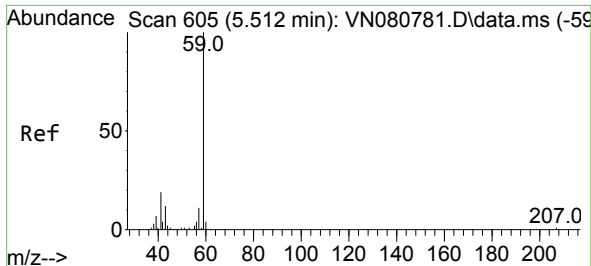
Tgt Ion: 50 Resp: 1508

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 0.227 ug/l

RT: 5.542 min Scan# 610

Delta R.T. 0.029 min

Lab File: VN080827.D

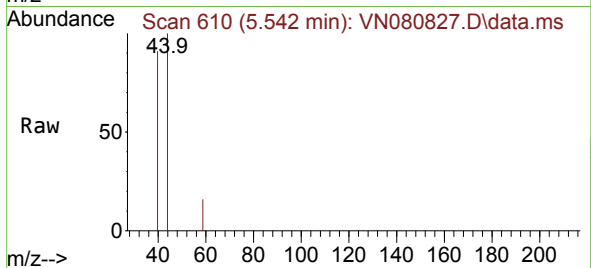
Acq: 30 Jan 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

WC-LIQUID-20240126

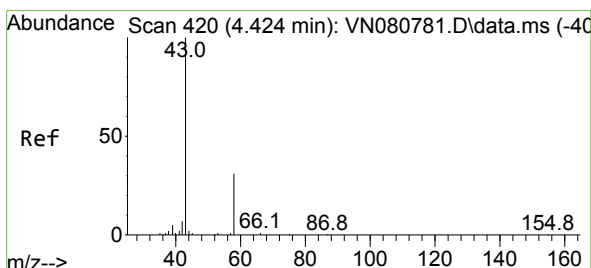
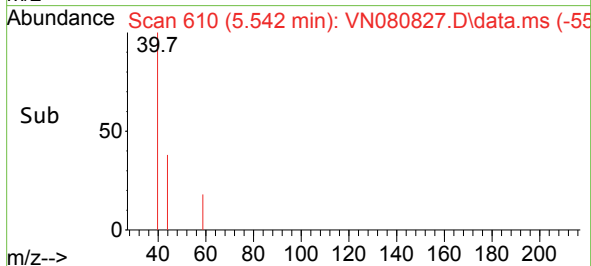
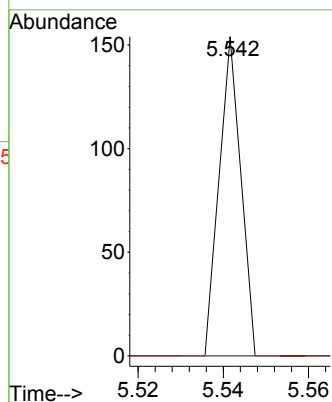


Tgt Ion: 59 Resp: 54

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 23.739 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.000 min

Lab File: VN080827.D

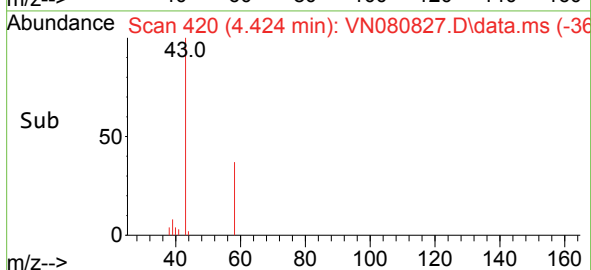
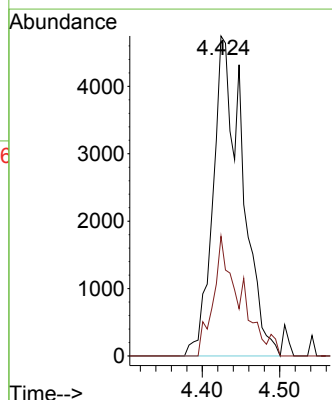
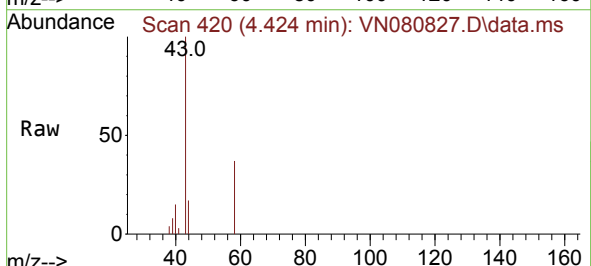
Acq: 30 Jan 2024 20:22

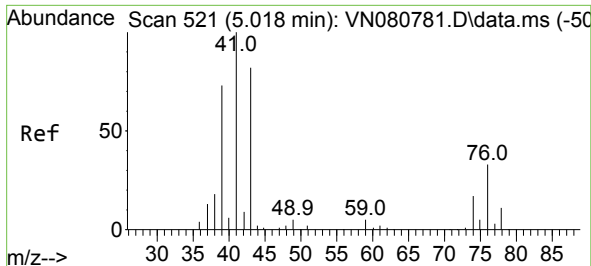
Tgt Ion: 43 Resp: 12578

Ion Ratio Lower Upper

43 100

58 37.4 24.8 37.2#

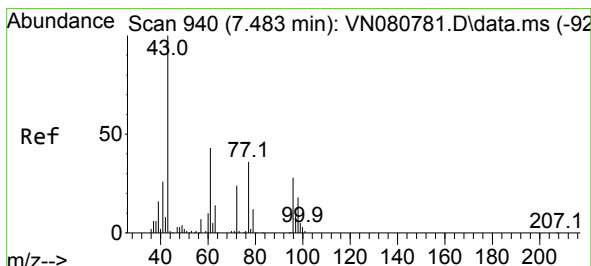
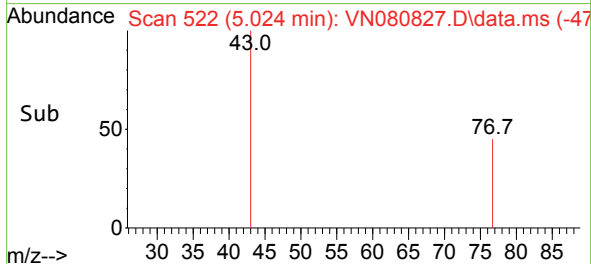
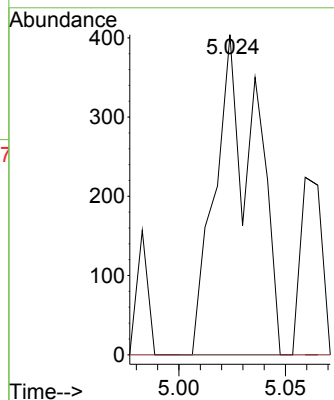
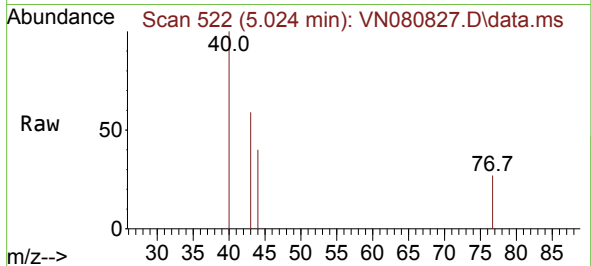




#18
Methyl Acetate
Concen: 0.289 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080827.D
Acq: 30 Jan 2024 20:22

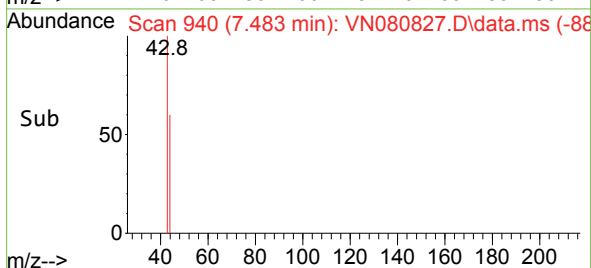
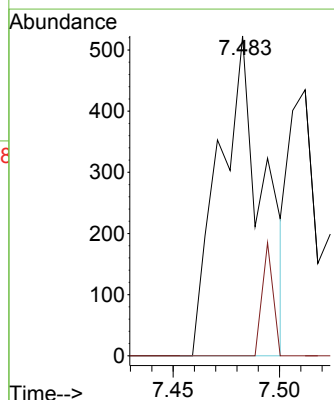
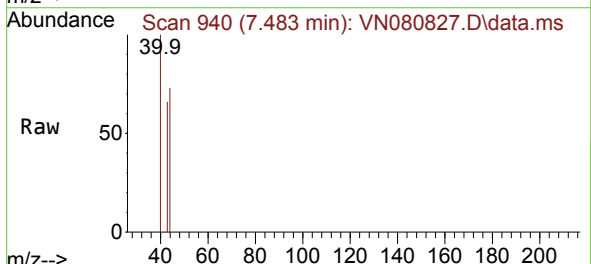
Instrument :
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WC-LIQUID-20240126

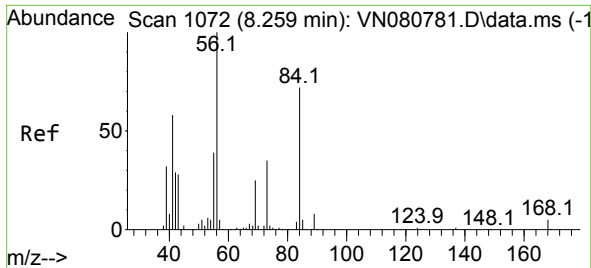
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#25
2-Butanone
Concen: 0.748 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080827.D
Acq: 30 Jan 2024 20:22

Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#

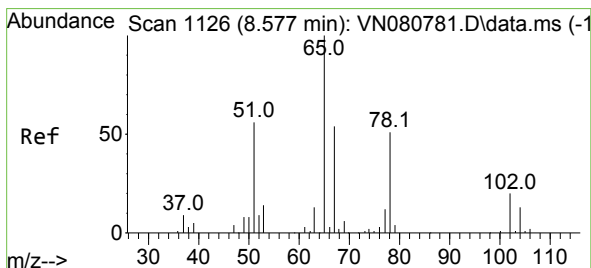
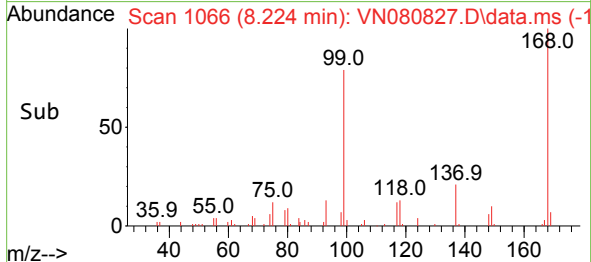
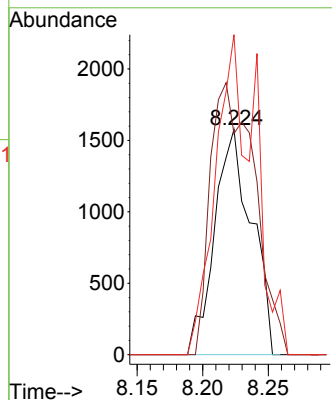
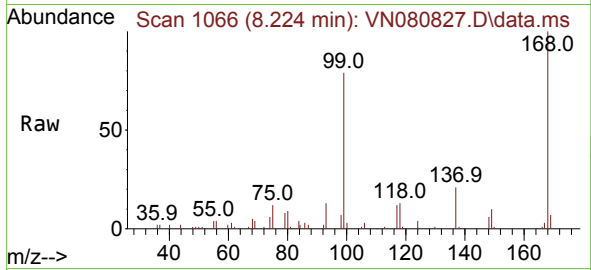




#31
Cyclohexane
Concen: 1.236 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080827.D
Acq: 30 Jan 2024 20:22

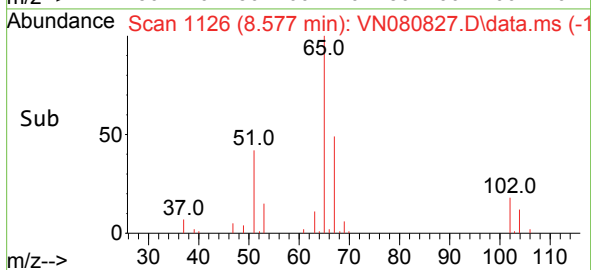
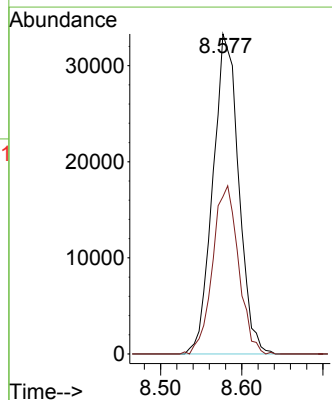
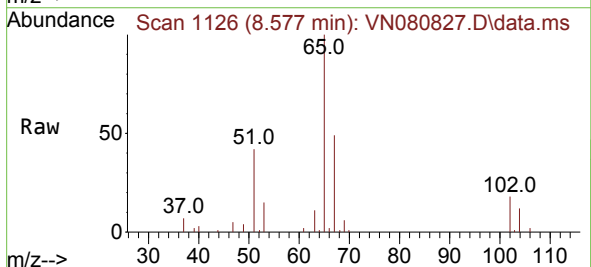
Instrument :
MSVOA_N
ClientSampleId :
WC-LIQUID-20240126

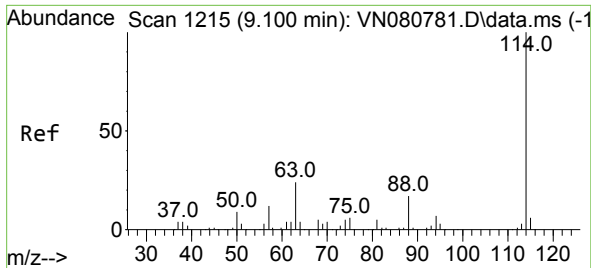
Tgt Ion: 56 Resp: 3097
Ion Ratio Lower Upper
56 100
69 98.2 20.1 30.1#
84 142.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 50.271 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080827.D
Acq: 30 Jan 2024 20:22

Tgt Ion: 65 Resp: 73443
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.4

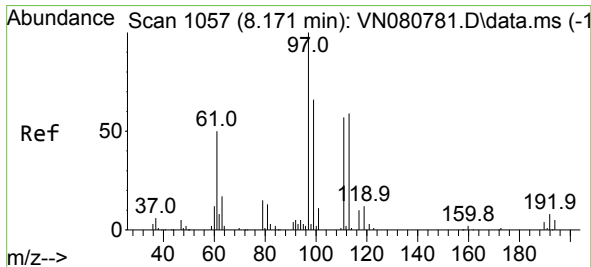
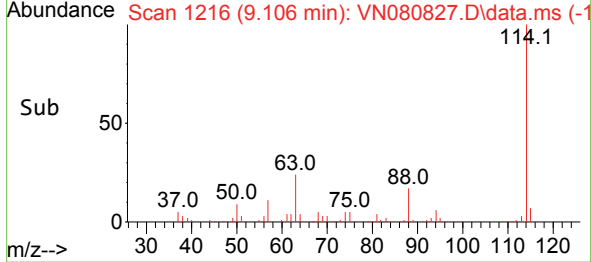
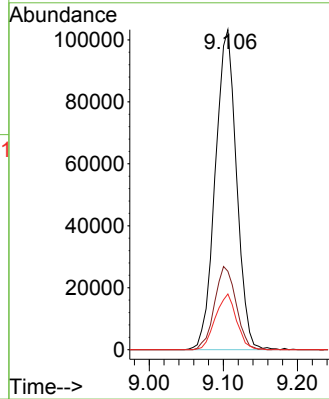
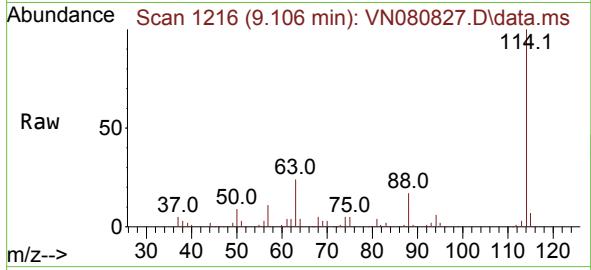




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080827.D
Acq: 30 Jan 2024 20:22

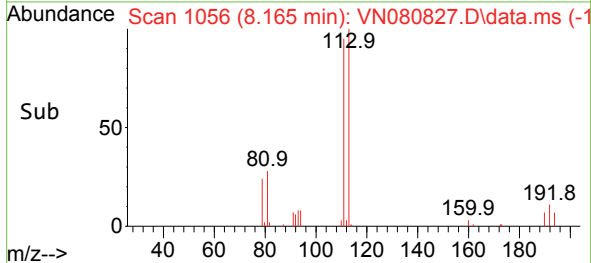
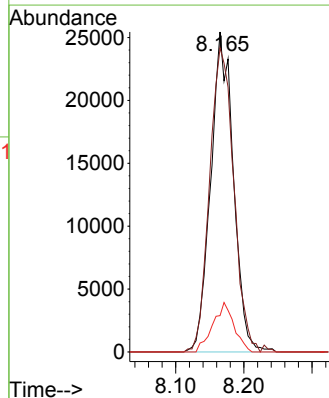
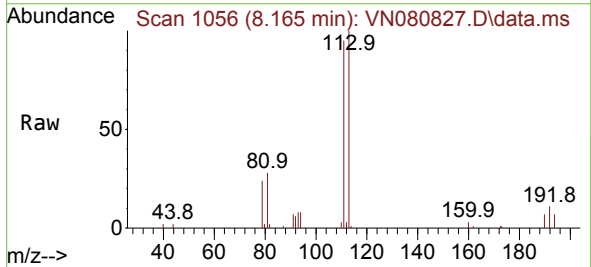
Instrument :
MSVOA_N
ClientSampleId :
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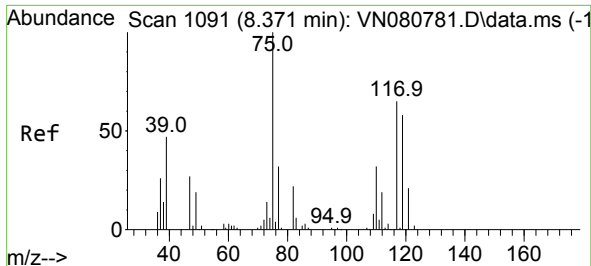
Tgt Ion:114 Resp: 205573
Ion Ratio Lower Upper
114 100
63 24.5 0.0 48.0
88 17.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 46.799 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080827.D
Acq: 30 Jan 2024 20:22

Tgt Ion:113 Resp: 58859
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 14.4 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.003 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN080827.D

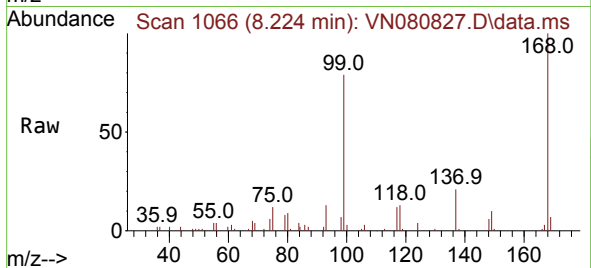
Acq: 30 Jan 2024 20:22

Instrument :

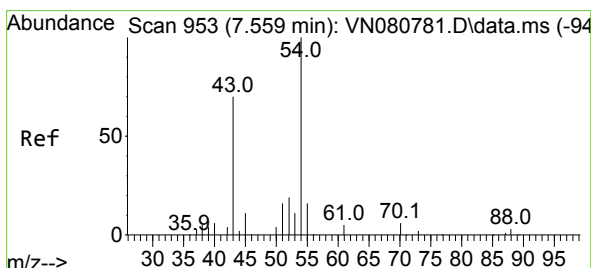
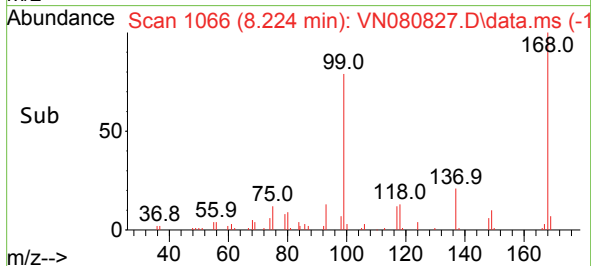
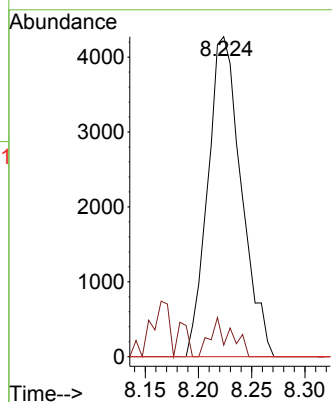
MSVOA_N

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Tgt Ion:	75	Resp:	9358
Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.0	48.0#
77	0.0	25.8	38.6#



#37

Ethyl Acetate

Concen: 0.202 ug/l

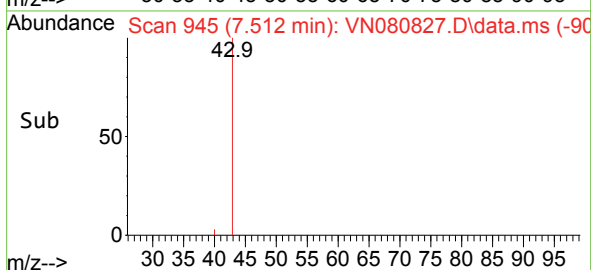
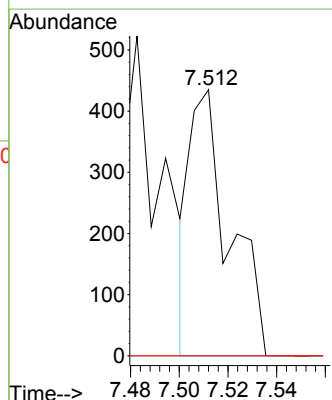
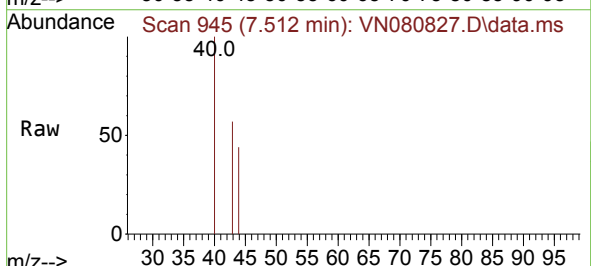
RT: 7.512 min Scan# 945

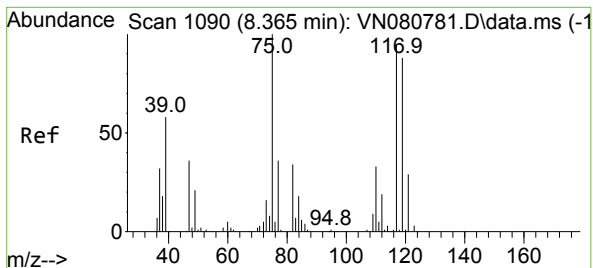
Delta R.T. -0.047 min

Lab File: VN080827.D

Acq: 30 Jan 2024 20:22

Tgt Ion:	43	Resp:	485
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	8.0	12.0#





#38

Carbon Tetrachloride

Concen: 5.217 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080827.D

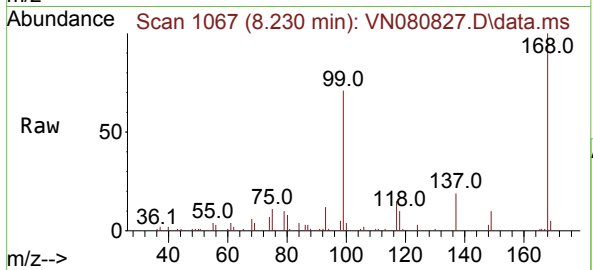
Acq: 30 Jan 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

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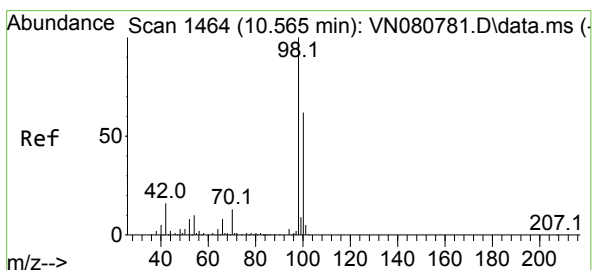
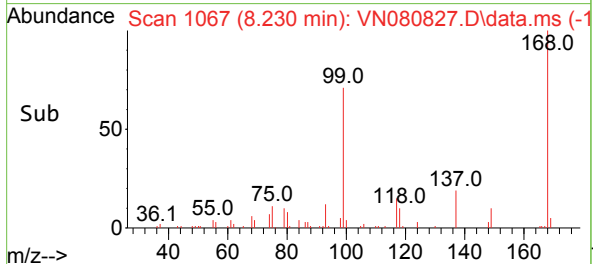
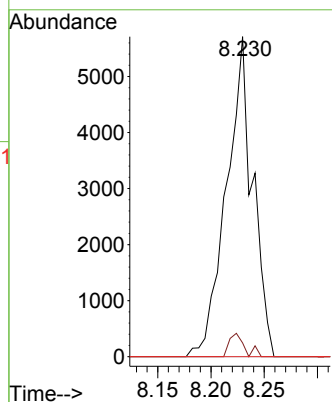
Tgt Ion:117 Resp: 9827

Ion Ratio Lower Upper

117 100

119 4.3 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 46.778 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080827.D

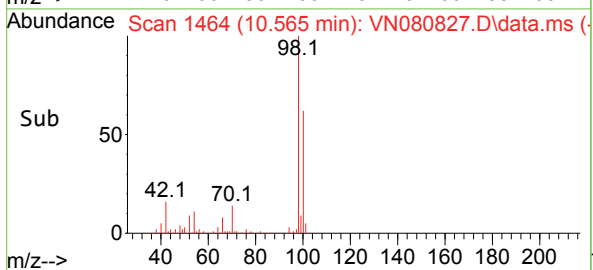
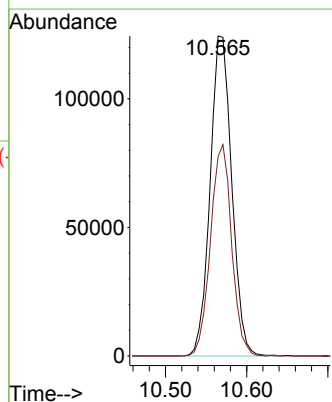
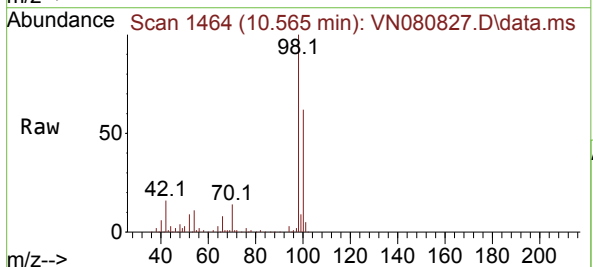
Acq: 30 Jan 2024 20:22

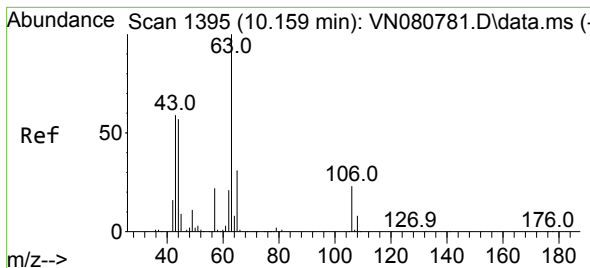
Tgt Ion: 98 Resp: 230267

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

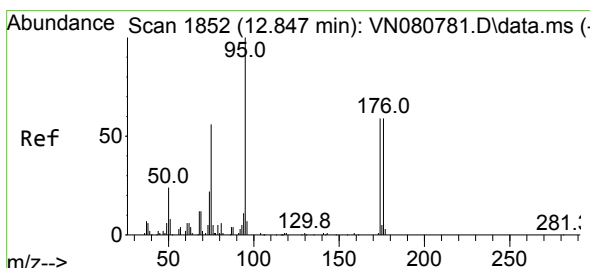
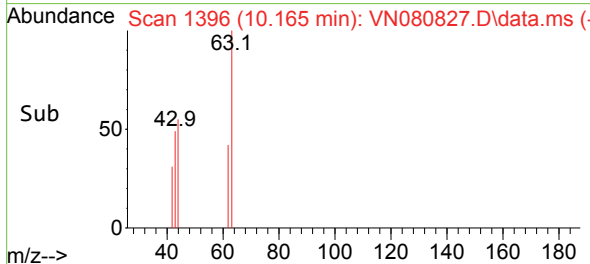
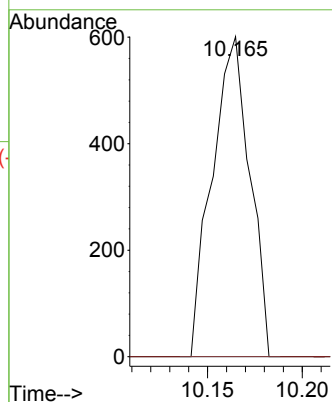
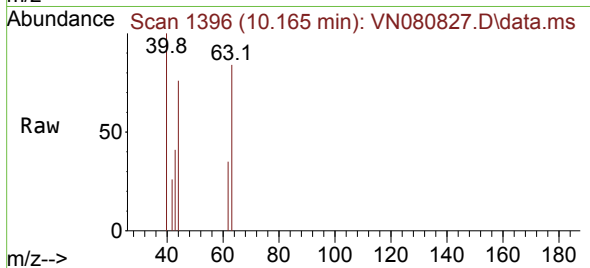




#58
2-Chloroethyl Vinyl ether
Concen: 0.613 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080827.D
Acq: 30 Jan 2024 20:22

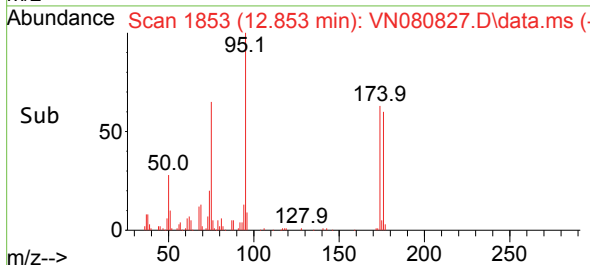
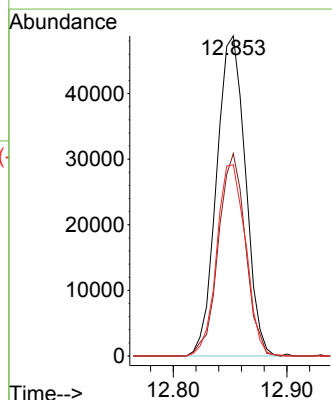
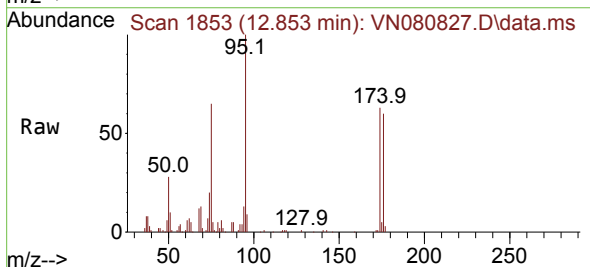
Instrument :
MSVOA_N
ClientSampleId :
WC-LIQUID-20240126

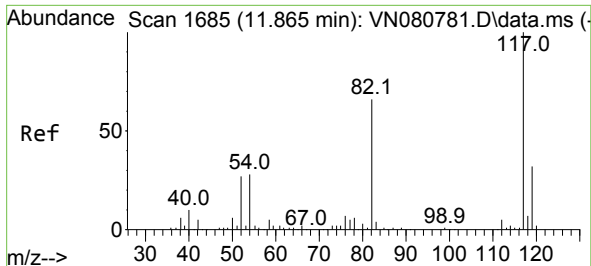
Tgt Ion: 63 Resp: 832
Ion Ratio Lower Upper
63 100
106 0.0 18.6 28.0#



#62
4-Bromofluorobenzene
Concen: 50.210 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080827.D
Acq: 30 Jan 2024 20:22

Tgt Ion: 95 Resp: 86129
Ion Ratio Lower Upper
95 100
174 59.2 0.0 120.4
176 59.8 0.0 121.0

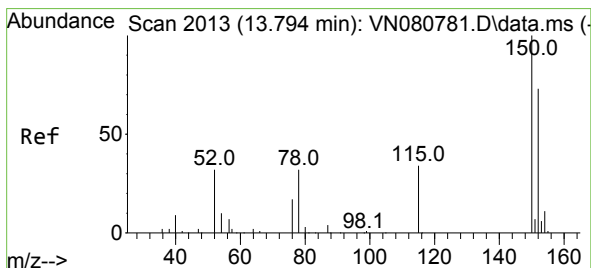
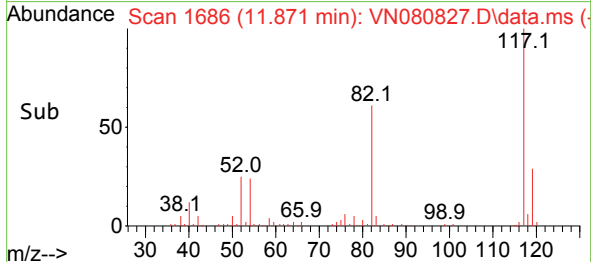
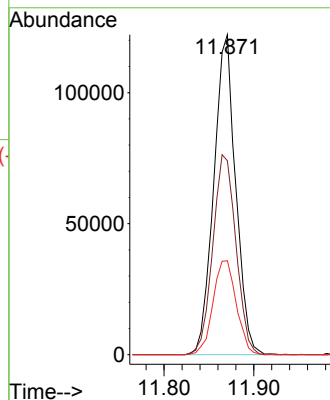
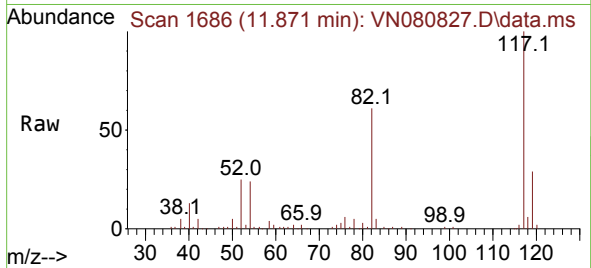




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080827.D
Acq: 30 Jan 2024 20:22

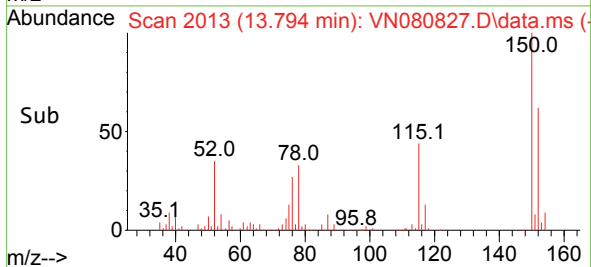
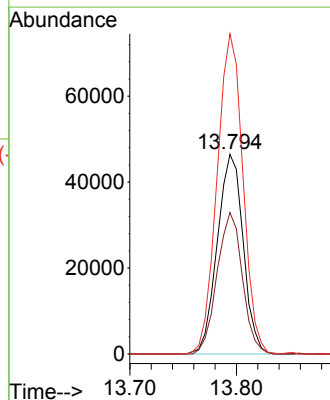
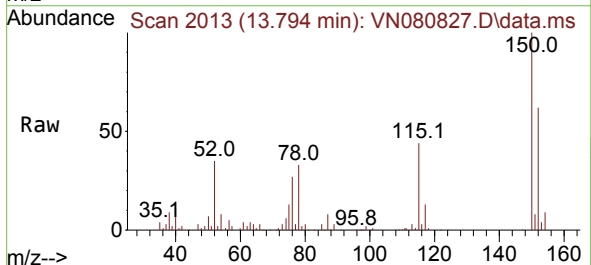
Instrument :
MSVOA_N
ClientSampleId :
WC-LIQUID-20240126

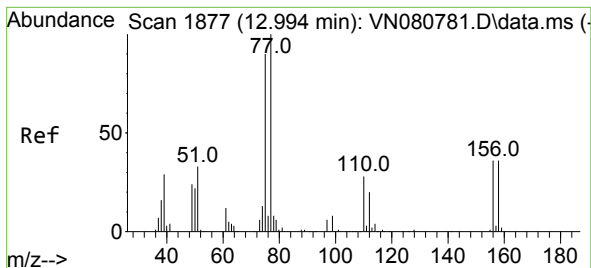
Tgt Ion:117 Resp: 206987
Ion Ratio Lower Upper
117 100
82 60.6 52.7 79.1
119 29.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080827.D
Acq: 30 Jan 2024 20:22

Tgt Ion:152 Resp: 78244
Ion Ratio Lower Upper
152 100
115 69.2 32.3 96.8
150 160.1 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 21.514 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080827.D

Acq: 30 Jan 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

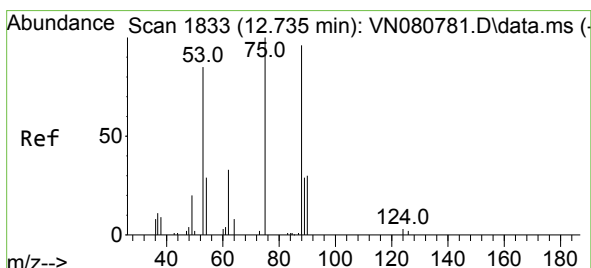
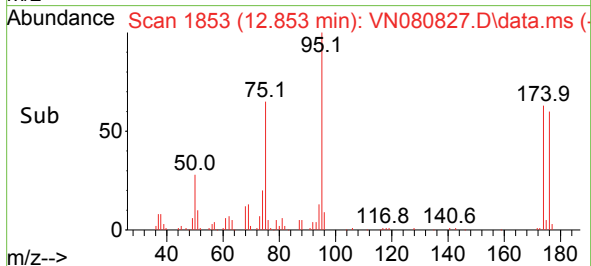
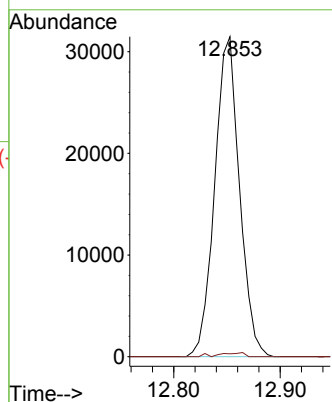
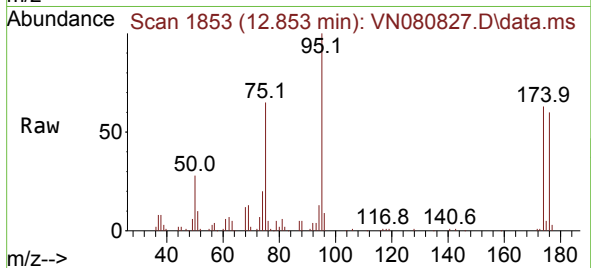
WC-LIQUID-20240126

Tgt Ion: 75 Resp: 50770

Ion Ratio Lower Upper

75 100

77 1.1 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.424 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN080827.D

Acq: 30 Jan 2024 20:22

Tgt Ion: 75 Resp: 50770

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#

