

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078146.D
 Acq On : 09 Jun 2023 15:22
 Operator : JC\MD
 Sample : 03123-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 09 23:09:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

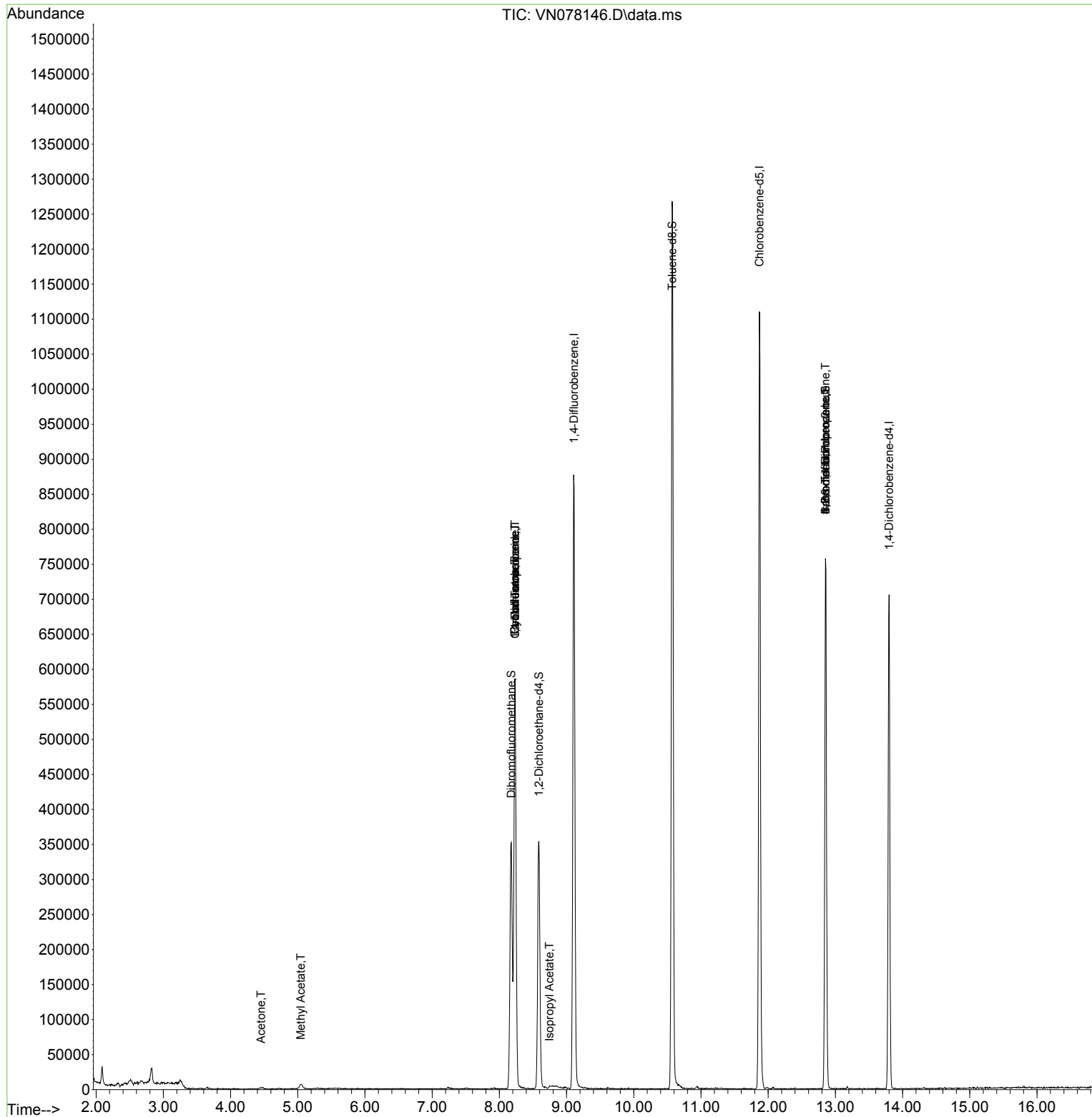
Internal Standards						
1) Pentafluorobenzene	8.230	168	421575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	778152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	668103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	194130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	299632	53.307	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.620%			
35) Dibromofluoromethane	8.177	113	258791	52.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.200%			
50) Toluene-d8	10.571	98	939790	49.547	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.853	95	269922	45.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.560%			
Target Compounds			Qvalue			
3) Chloromethane	2.377	50	1092	Below Cal		93
16) Acetone	4.453	43	2260	1.397 ug/l #		62
18) Methyl Acetate	5.047	43	14199	1.906 ug/l #		65
31) Cyclohexane	8.230	56	10130	1.405 ug/l #		28
36) 1,1-Dichloropropene	8.235	75	34774	4.927 ug/l #		49
38) Carbon Tetrachloride	8.235	117	47707	6.402 ug/l #		16
43) Isopropyl Acetate	8.747	43	2274	0.216 ug/l #		49
71) Bromoform	12.853	173	1833	0.540 ug/l #		1
75) 1,1,2,2-Tetrachloroethane	12.935	83	53	Below Cal #		26
76) 1,2,3-Trichloropropane	12.853	75	151203	32.947 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	151203	101.223 ug/l #		15

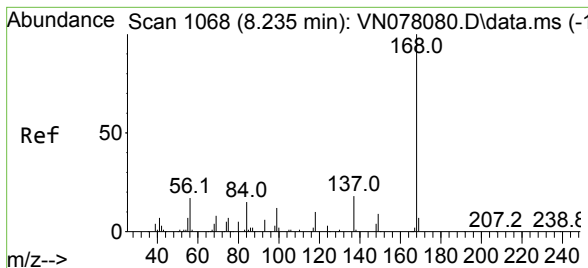
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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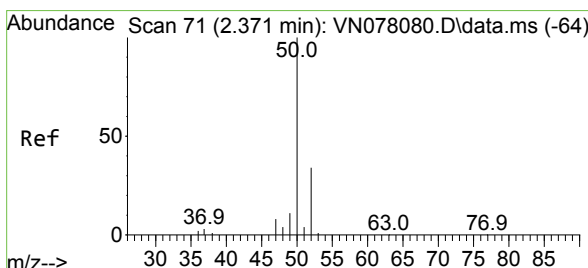
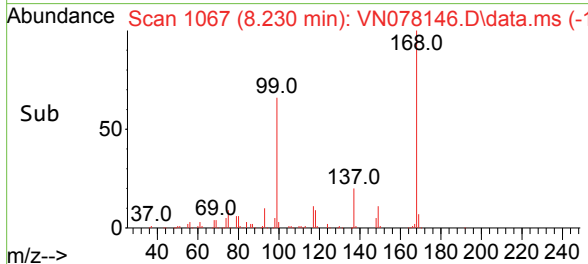
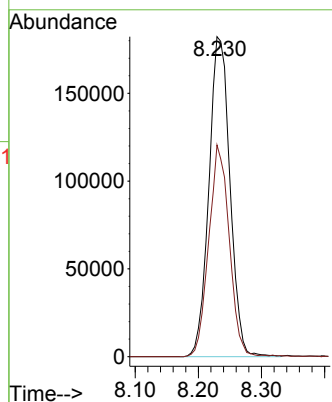
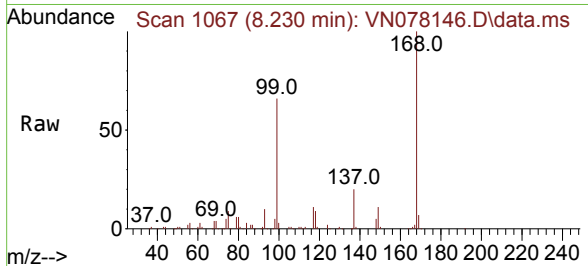




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

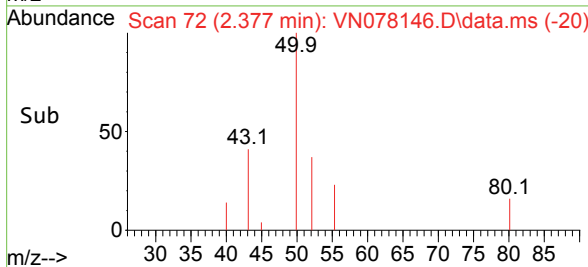
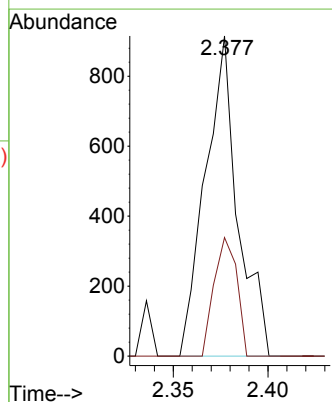
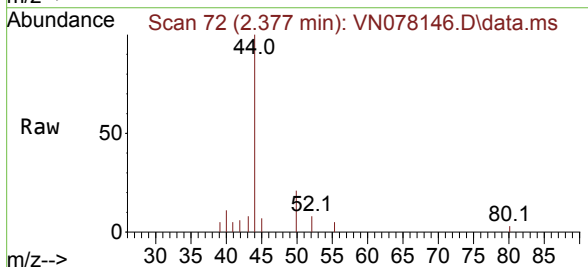
Instrument :
MSVOA_N
ClientSampleId :

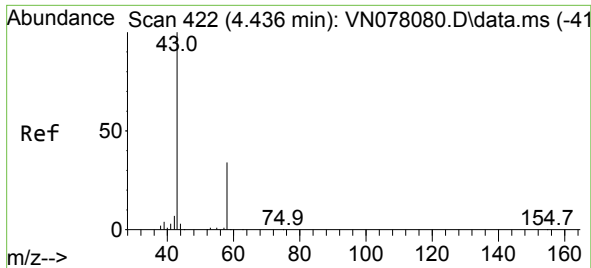
Tgt Ion:168 Resp: 421575
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

Tgt Ion: 50 Resp: 1092
Ion Ratio Lower Upper
50 100
52 37.0 26.5 39.7

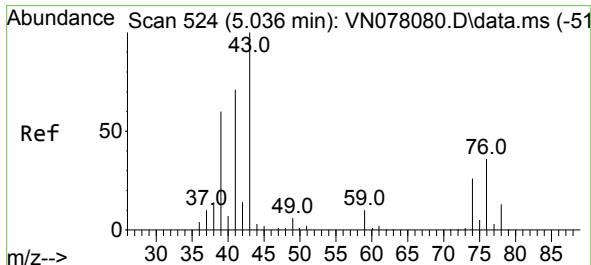
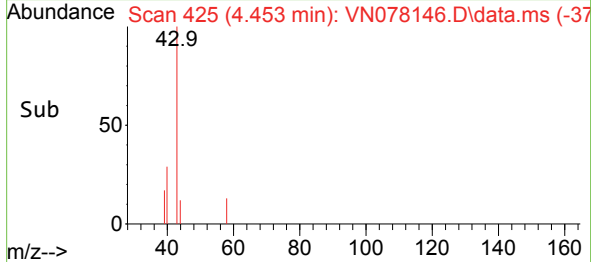
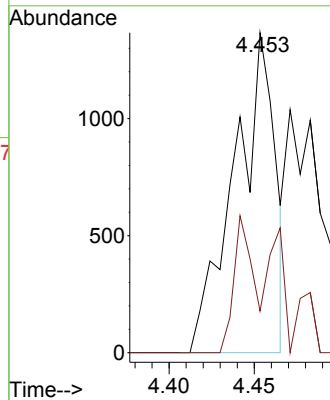
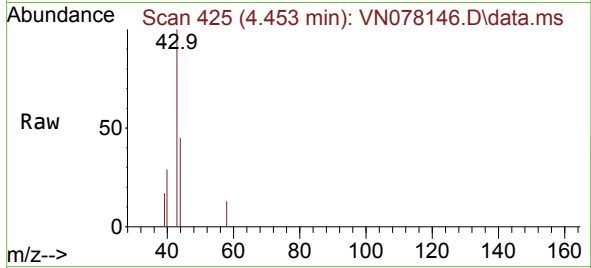




#16
Acetone
Concen: 1.397 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

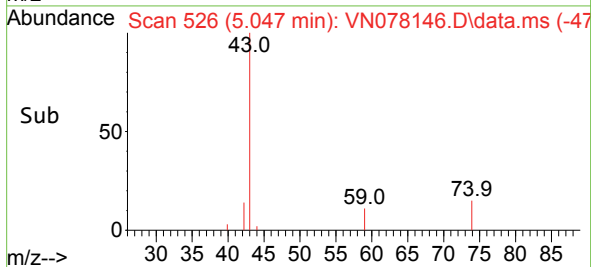
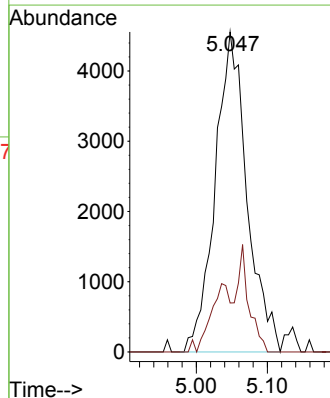
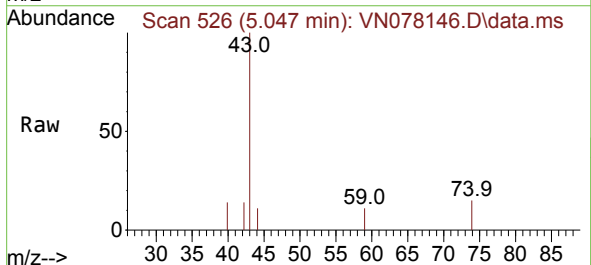
Instrument :
MSVOA_N
ClientSampleId :

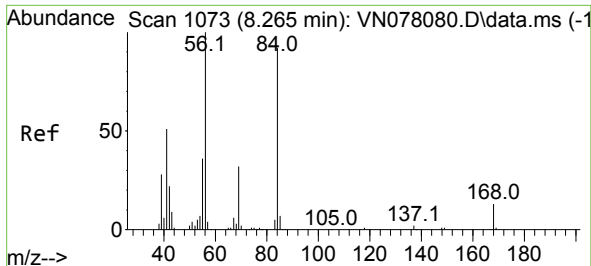
Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
58 13.0 28.0 42.0#



#18
Methyl Acetate
Concen: 1.906 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

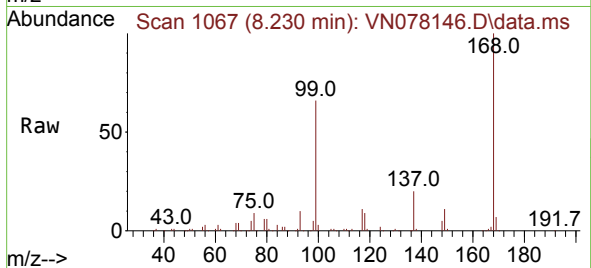
Tgt Ion: 43 Resp: 14199
Ion Ratio Lower Upper
43 100
74 12.8 26.2 39.4#



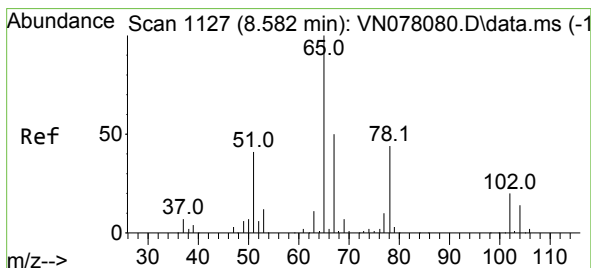
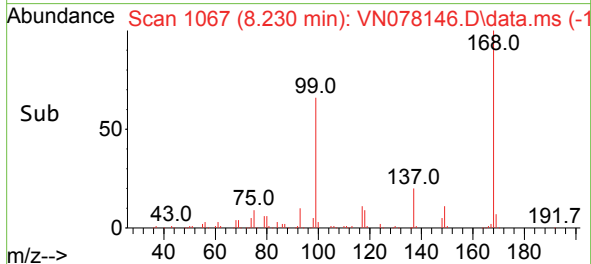
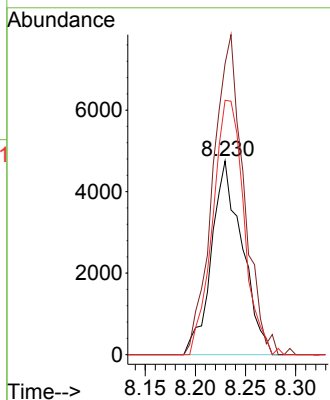


#31
Cyclohexane
Concen: 1.405 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

Instrument :
MSVOA_N
ClientSampleId :

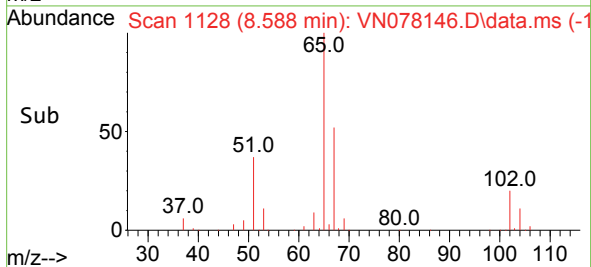
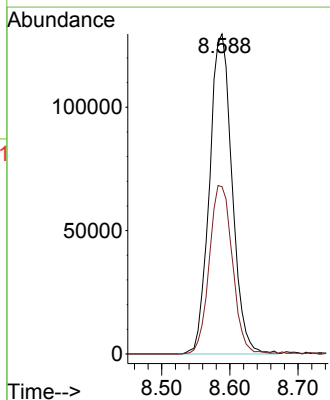
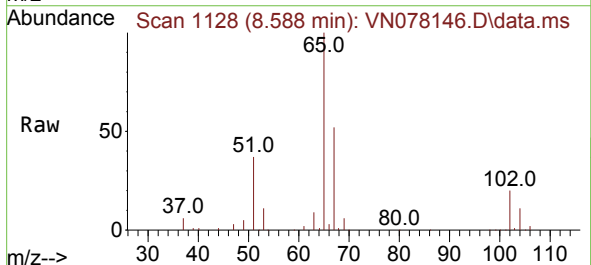


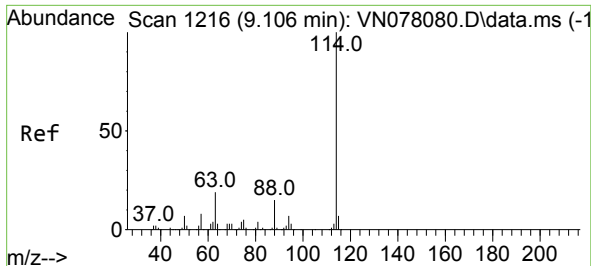
Tgt Ion: 56 Resp: 10130
Ion Ratio Lower Upper
56 100
69 150.2 26.8 40.2#
84 131.3 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 53.307 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

Tgt Ion: 65 Resp: 299632
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN078146.D

Acq: 09 Jun 2023 15:22

Instrument :

MSVOA_N

ClientSampleId :

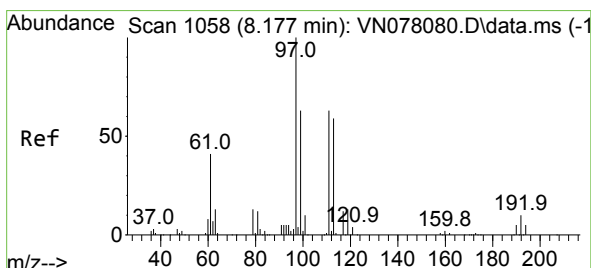
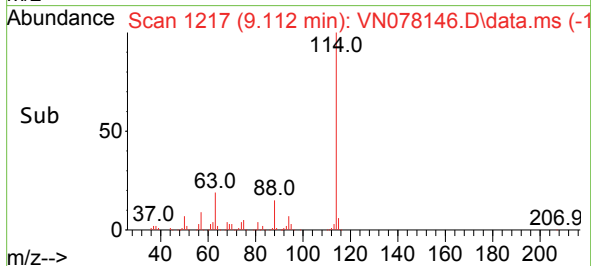
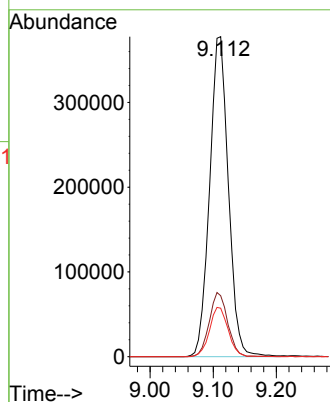
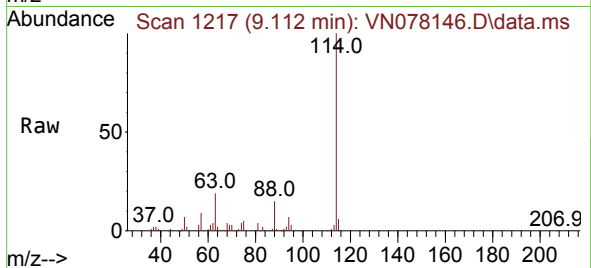
Tgt Ion:114 Resp: 778152

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.598 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078146.D

Acq: 09 Jun 2023 15:22

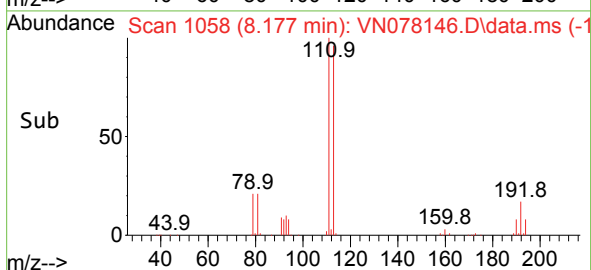
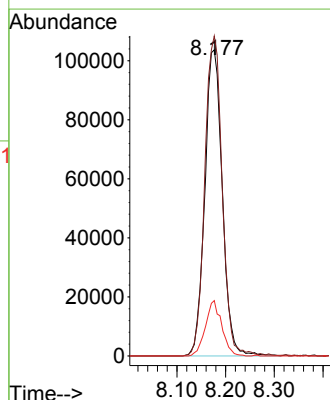
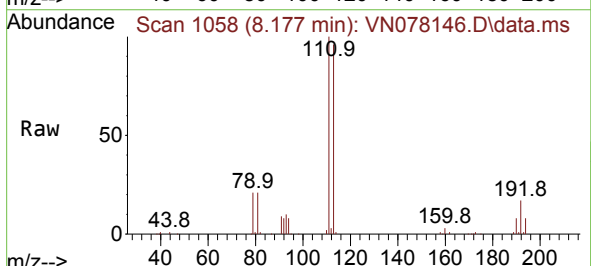
Tgt Ion:113 Resp: 258791

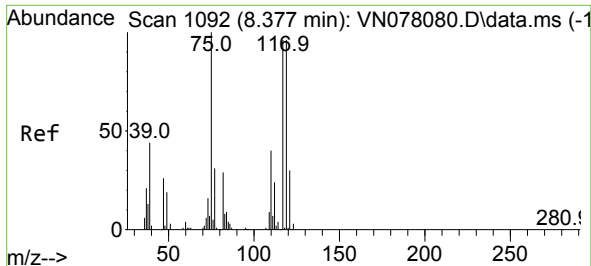
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.141 min

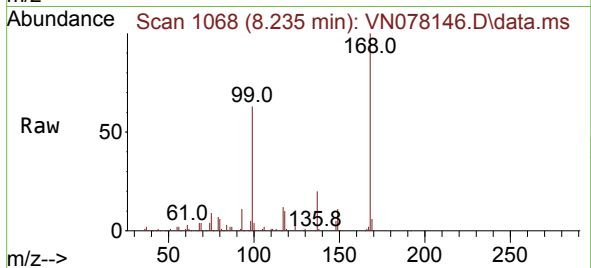
Lab File: VN078146.D

Acq: 09 Jun 2023 15:22

Instrument :

MSVOA_N

ClientSampleId :



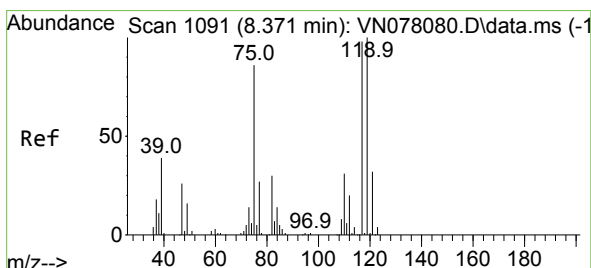
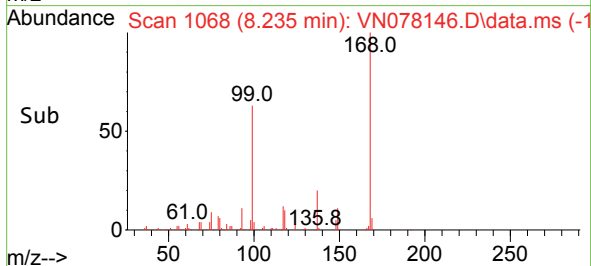
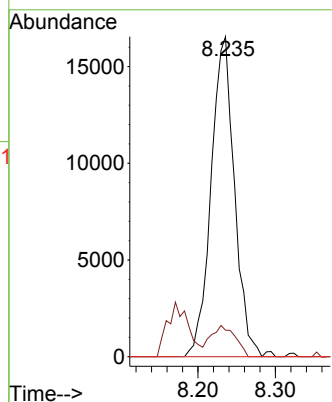
Tgt Ion: 75 Resp: 34774

Ion Ratio Lower Upper

75 100

110 10.1 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.402 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN078146.D

Acq: 09 Jun 2023 15:22

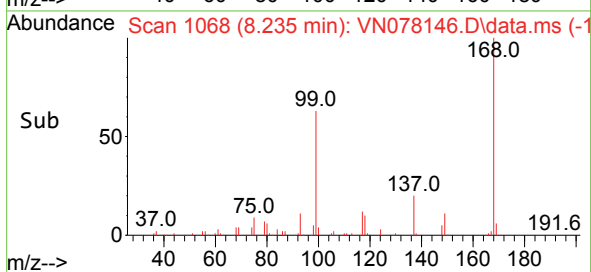
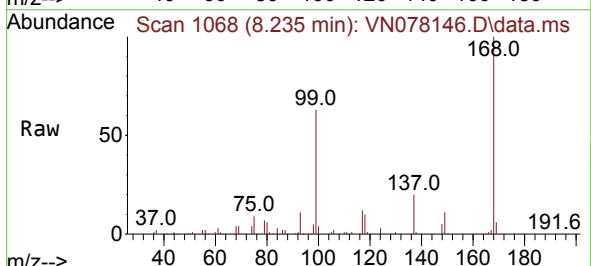
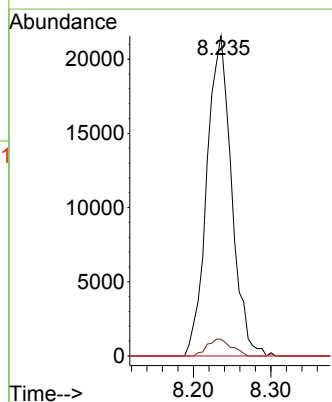
Tgt Ion: 117 Resp: 47707

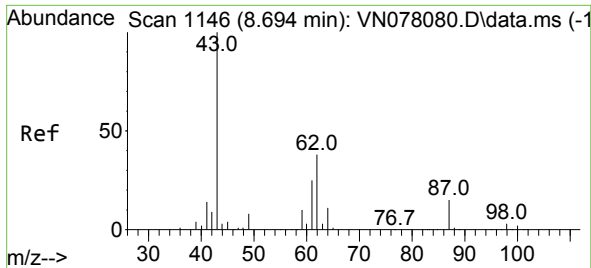
Ion Ratio Lower Upper

117 100

119 5.2 77.3 115.9#

121 0.0 23.3 34.9#

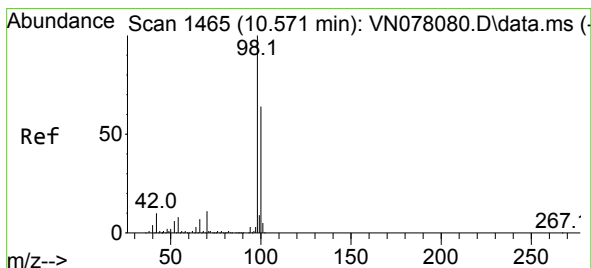
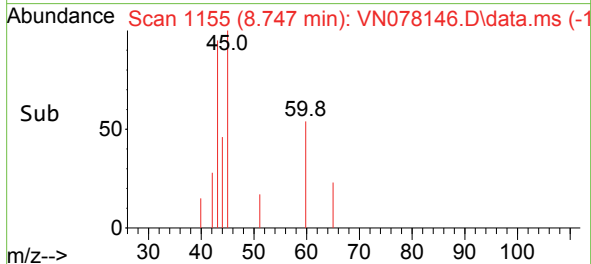
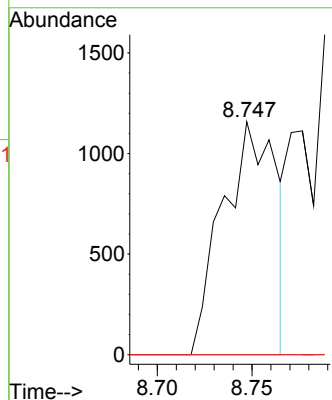
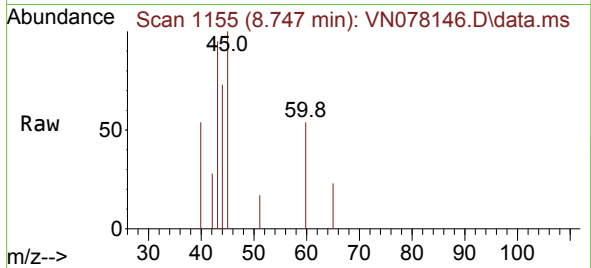




#43
Isopropyl Acetate
Concen: 0.216 ug/l
RT: 8.747 min Scan# 1146
Delta R.T. 0.053 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

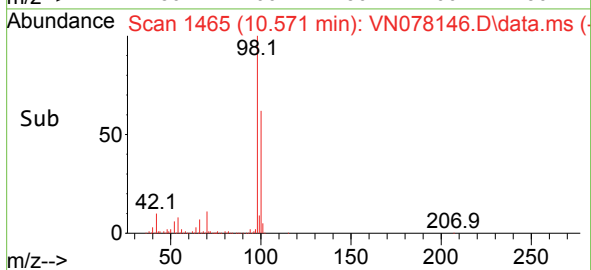
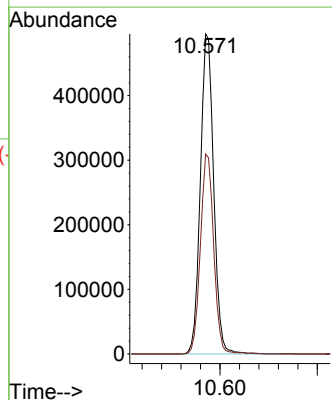
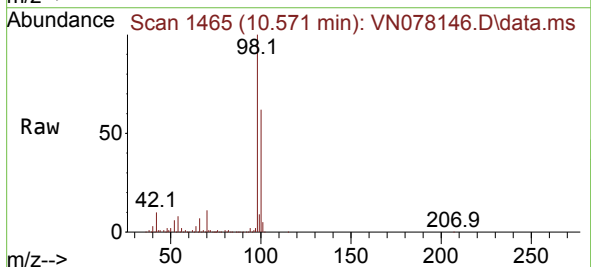
Instrument :
MSVOA_N
ClientSampleId :

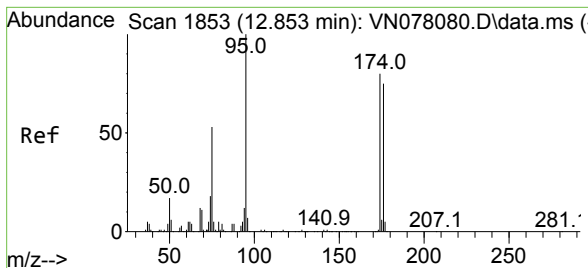
Tgt Ion: 43 Resp: 2274
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.547 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

Tgt Ion: 98 Resp: 939790
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

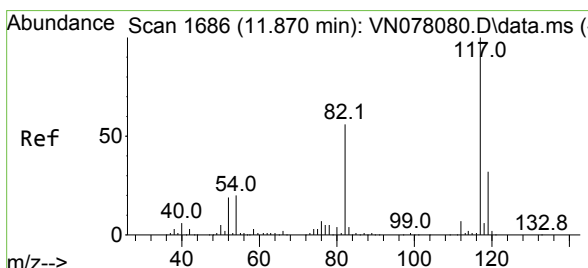
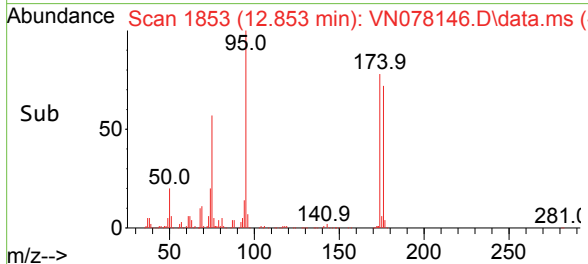
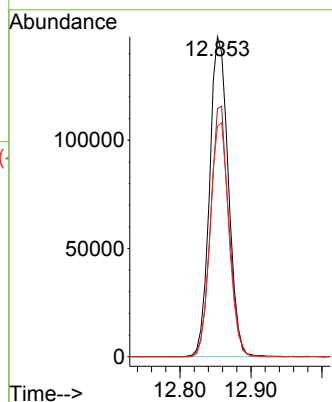
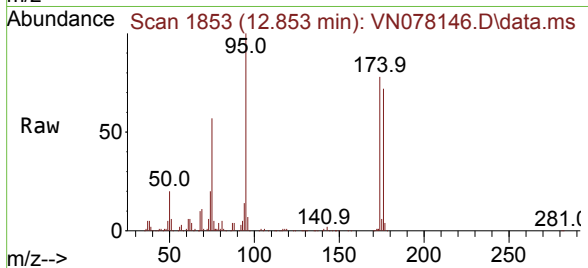




#62
4-Bromofluorobenzene
Concen: 45.776 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

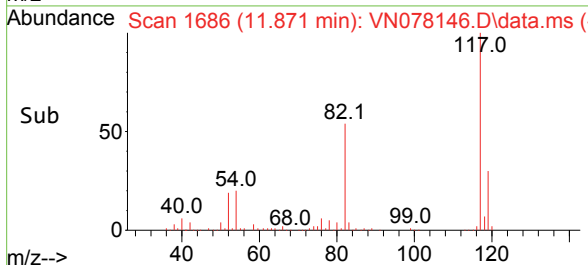
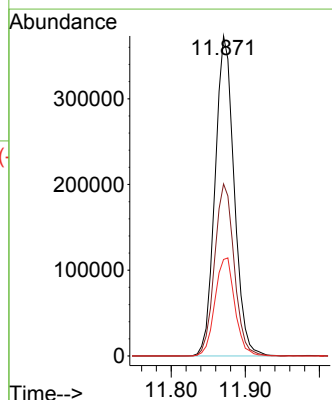
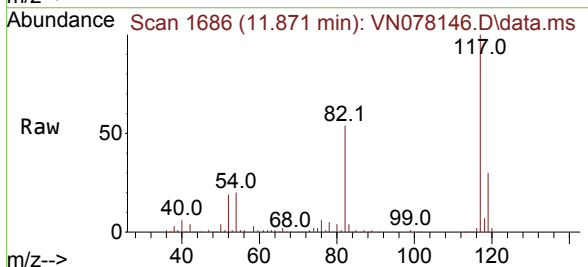
Instrument :
MSVOA_N
ClientSampleId :

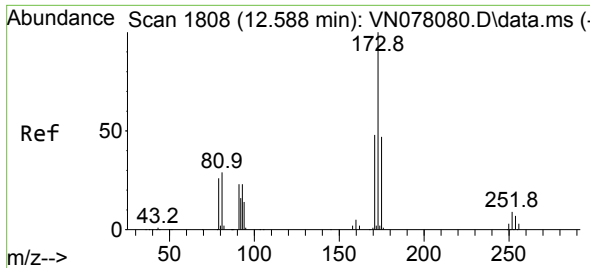
Tgt Ion: 95 Resp: 269922
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 73.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

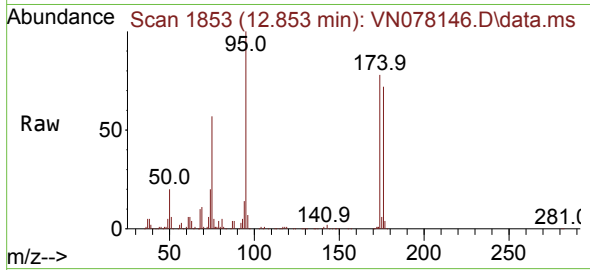
Tgt Ion: 117 Resp: 668103
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 30.2 25.6 38.4



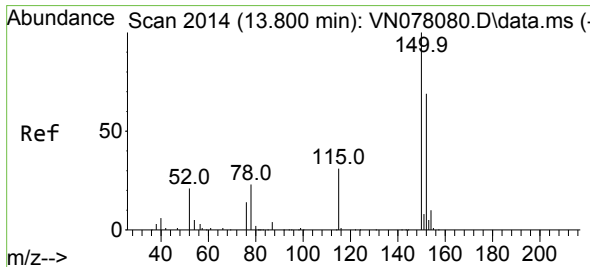
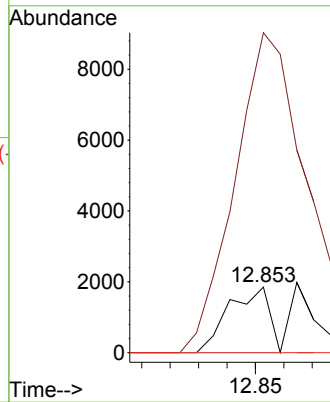
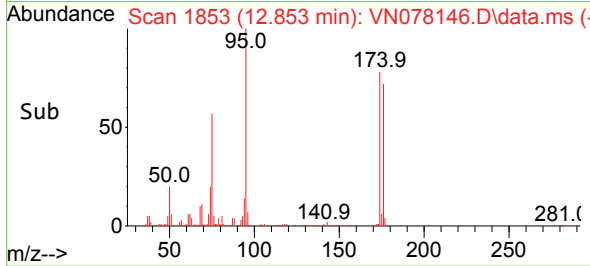


#71
Bromoform
Concen: 0.540 ug/l
RT: 12.853 min Scan# 1808
Delta R.T. 0.265 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

Instrument :
MSVOA_N
ClientSampleId :

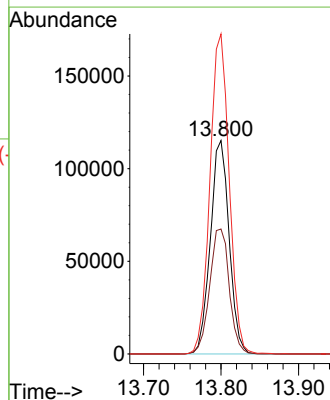
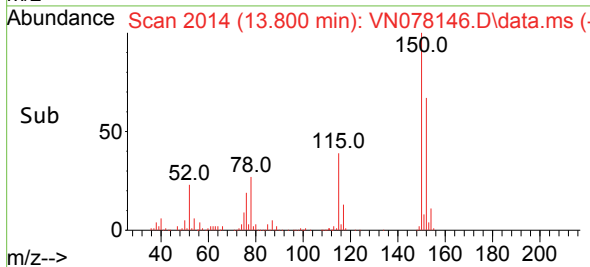
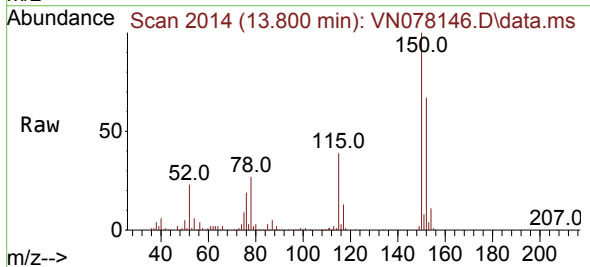


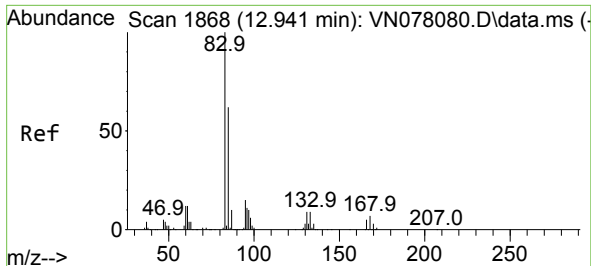
Tgt Ion:173 Resp: 1833
Ion Ratio Lower Upper
173 100
175 707.1 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

Tgt Ion:152 Resp: 194130
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 153.1 0.0 355.8

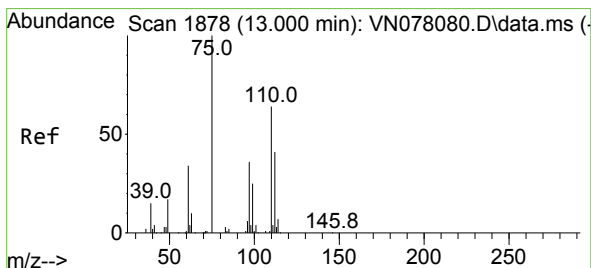
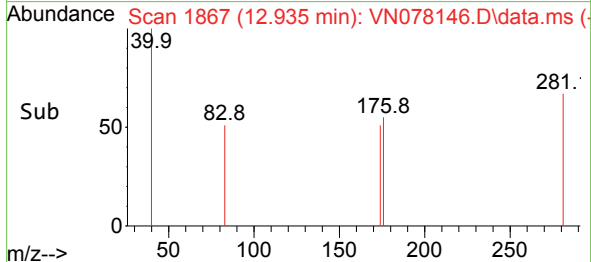
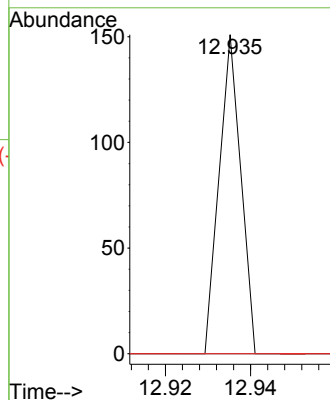
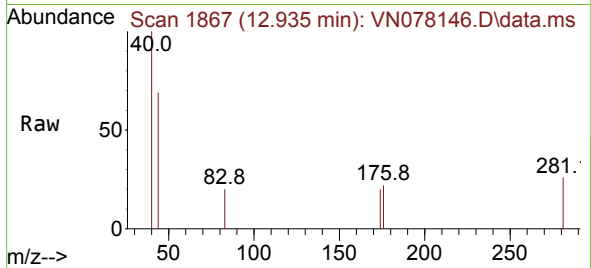




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

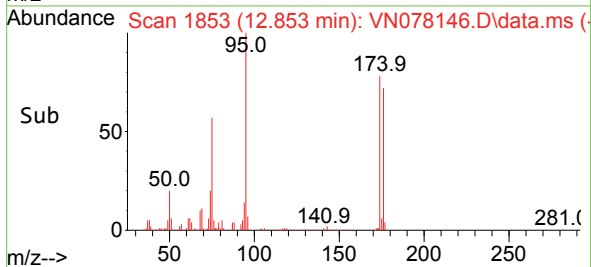
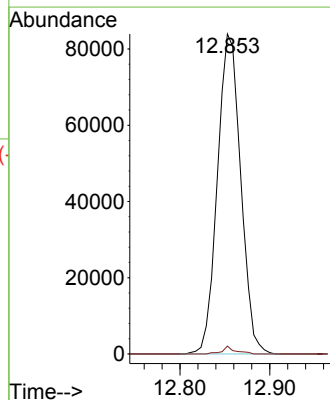
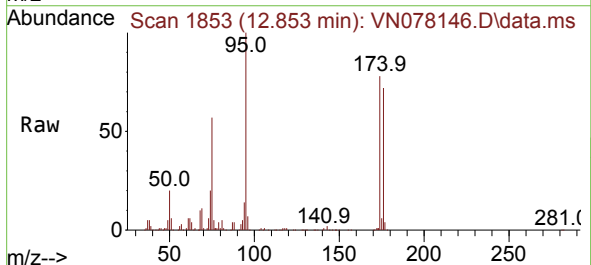
Instrument :
MSVOA_N
ClientSampleId :

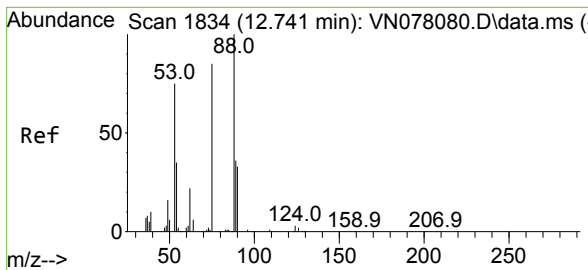
Tgt Ion: 83 Resp: 53
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 32.947 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078146.D
Acq: 09 Jun 2023 15:22

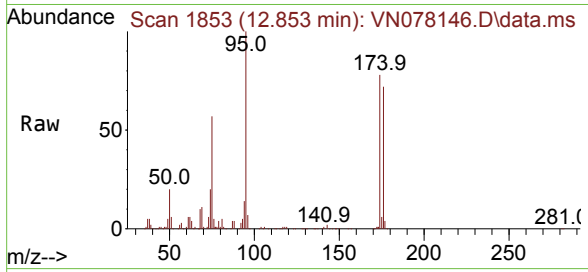
Tgt Ion: 75 Resp: 151203
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.223 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN078146.D
 Acq: 09 Jun 2023 15:22

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 151203
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

