

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078406.D
 Acq On : 26 Jun 2023 16:49
 Operator : JC\MD
 Sample : 03376-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-GW-062123

Quant Time: Jun 27 02:18:34 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)

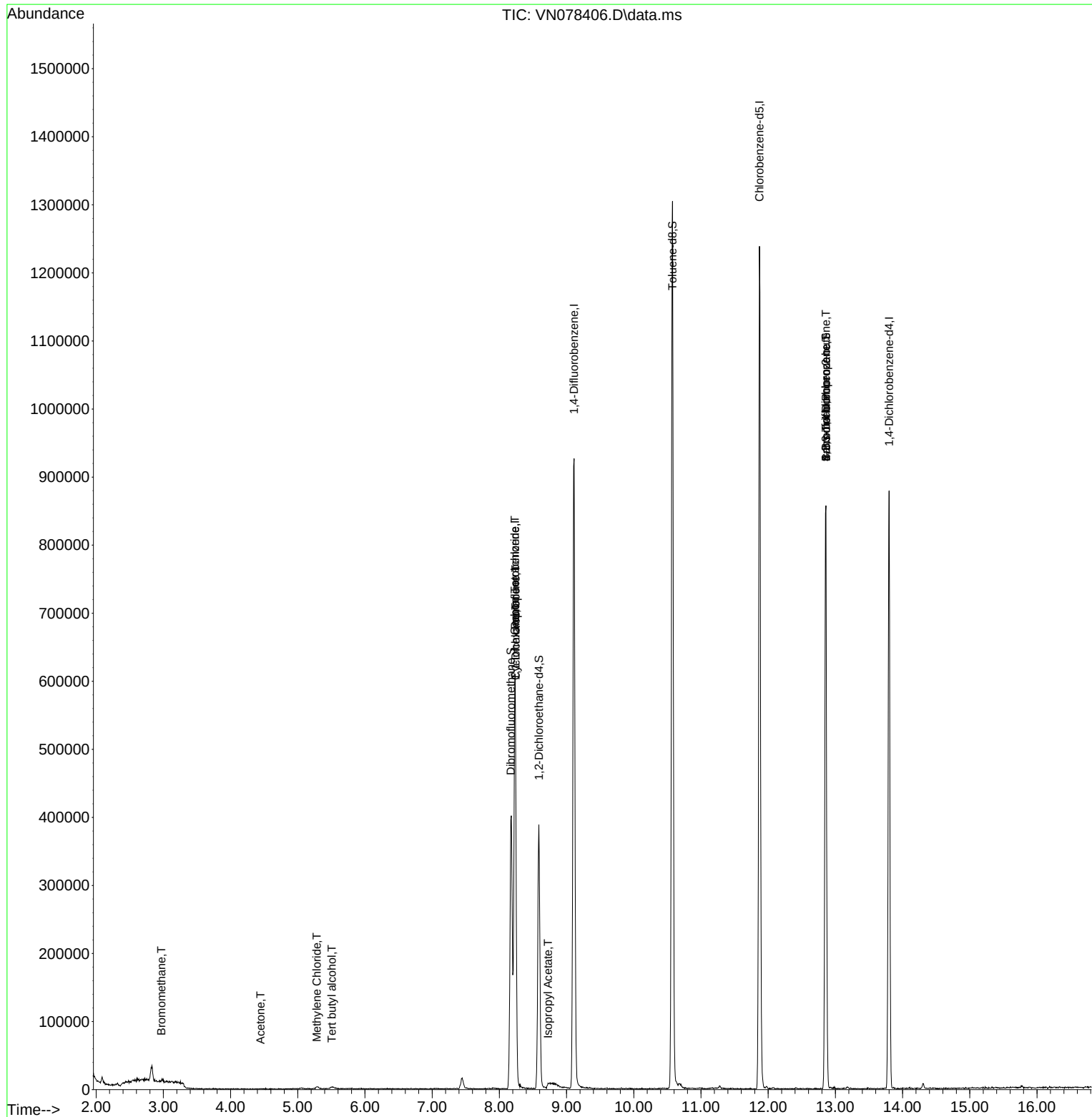
Internal Standards						
1) Pentafluorobenzene	8.235	168	443419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	828258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	754234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	307689	52.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.080%	
35) Dibromofluoromethane	8.171	113	296923	56.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.400%	
50) Toluene-d8	10.576	98	954017	47.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.500%	
62) 4-Bromofluorobenzene	12.859	95	310137	49.414	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.383	50	1058	Below Cal	#	42
5) Bromomethane	2.971	94	1355	0.273	ug/l #	58
11) Tert butyl alcohol	5.506	59	2278	2.790	ug/l #	72
16) Acetone	4.447	43	458	0.269	ug/l #	40
20) Methylene Chloride	5.283	84	3155	0.561	ug/l #	75
31) Cyclohexane	8.241	56	9532	1.257	ug/l #	36
36) 1,1-Dichloropropene	8.241	75	39541	5.264	ug/l #	48
38) Carbon Tetrachloride	8.230	117	49276	6.213	ug/l #	16
43) Isopropyl Acetate	8.724	43	4051	0.361	ug/l #	49
71) Bromoform	12.859	173	2330	0.608	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.929	83	162	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.859	75	168168	30.257	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	168168	92.960	ug/l #	15

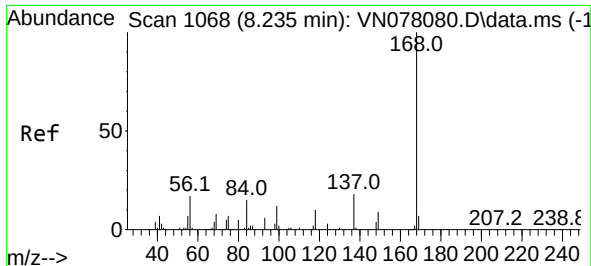
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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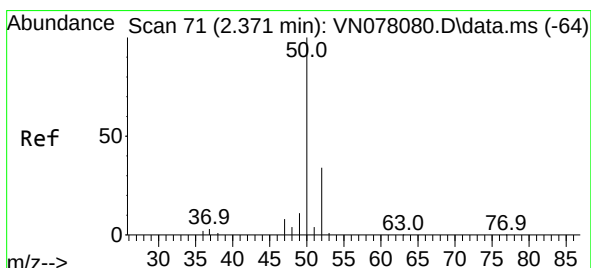
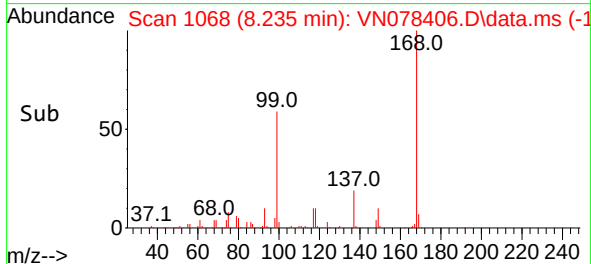
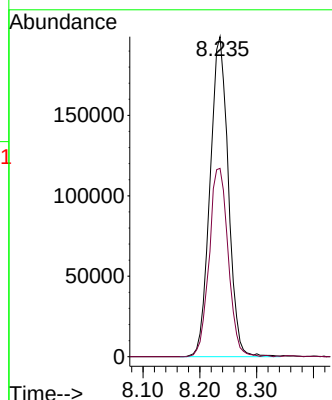
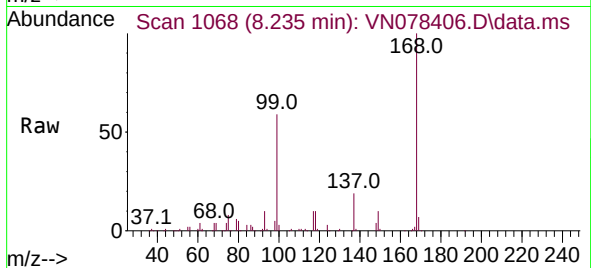




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

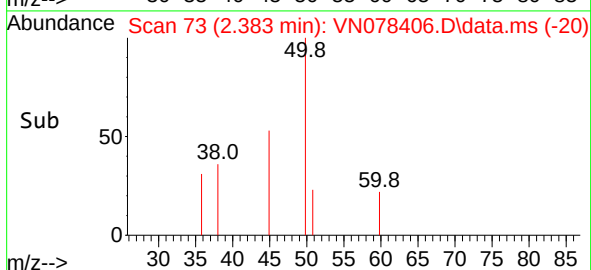
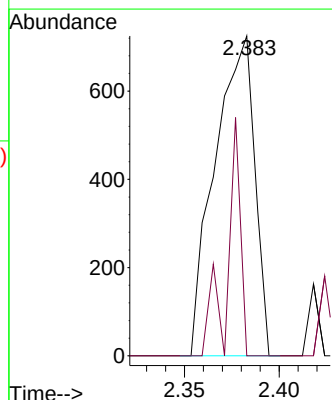
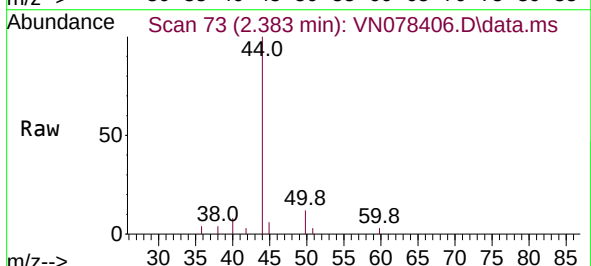
Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

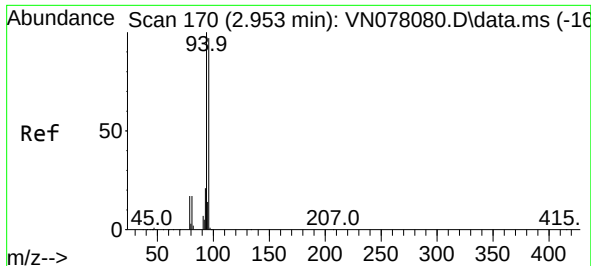
Tgt Ion:168 Resp: 443419
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.383 min Scan# 73
Delta R.T. 0.012 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion: 50 Resp: 1058
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

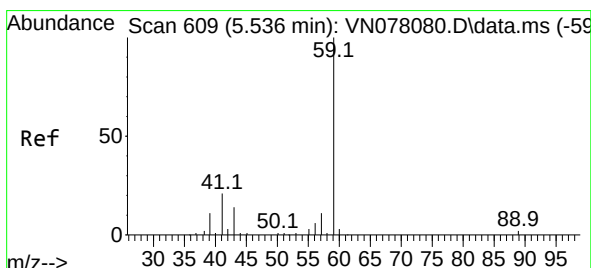
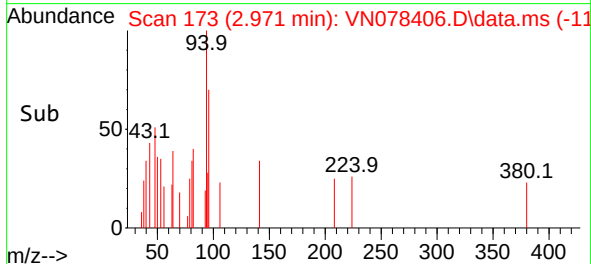
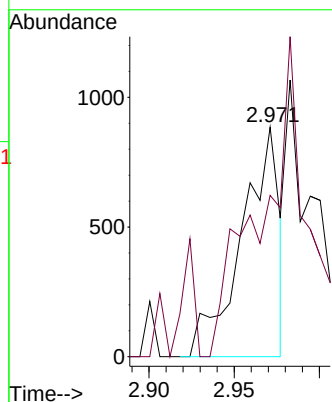
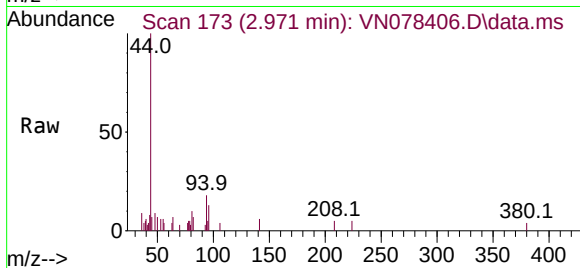




#5
Bromomethane
Concen: 0.273 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

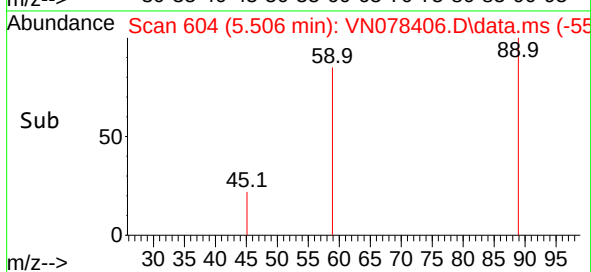
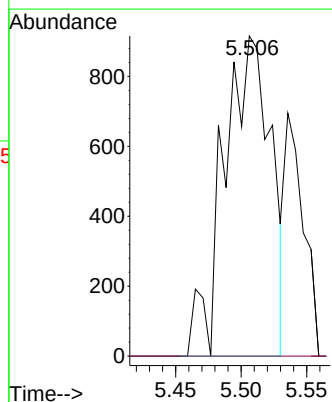
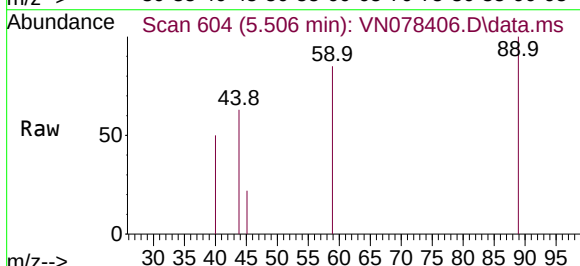
Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

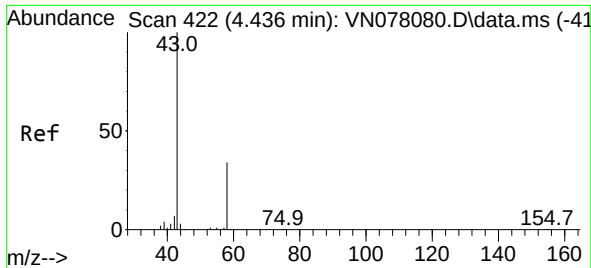
Tgt Ion: 94 Resp: 1355
Ion Ratio Lower Upper
94 100
96 51.6 73.1 109.7#



#11
Tert butyl alcohol
Concen: 2.790 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.029 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion: 59 Resp: 2278
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

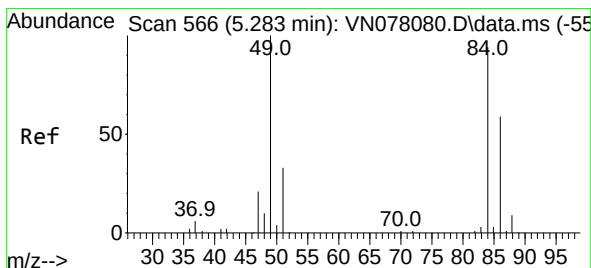
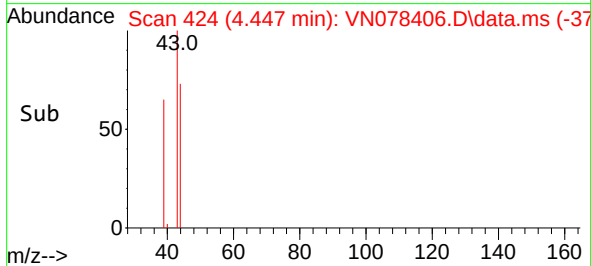
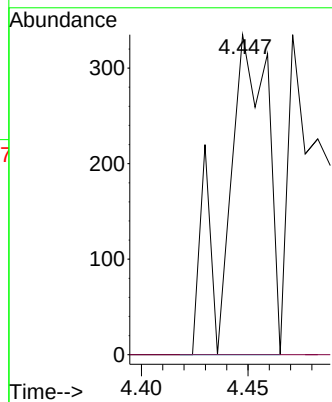
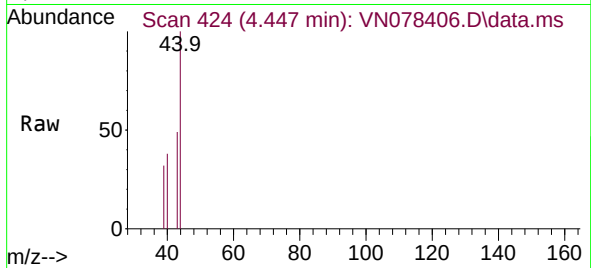




#16
Acetone
Concen: 0.269 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

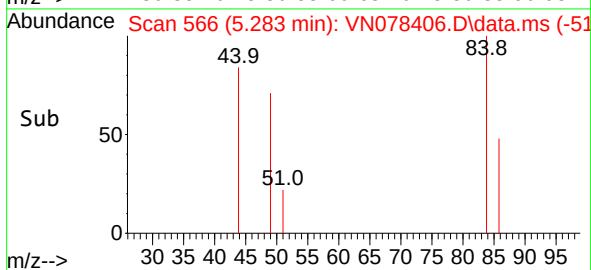
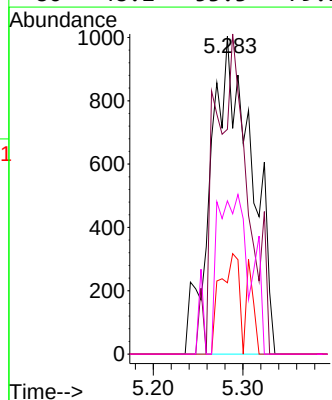
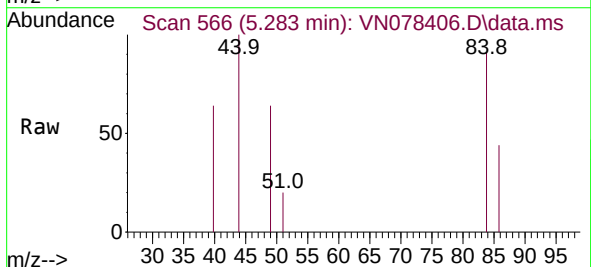
Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

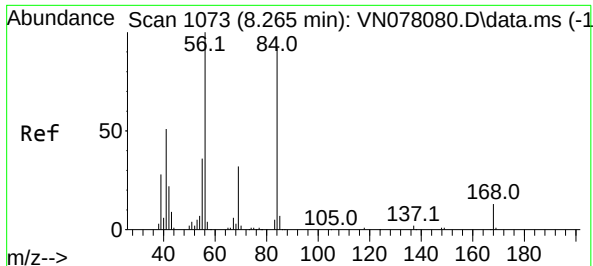
Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: 0.561 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

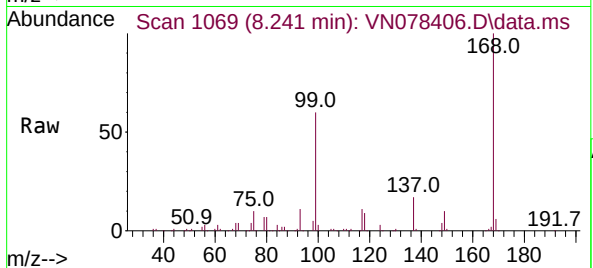
Tgt Ion: 84 Resp: 3155
Ion Ratio Lower Upper
84 100
49 70.7 79.7 119.5#
51 22.4 25.2 37.8#
86 48.2 53.3 79.9#



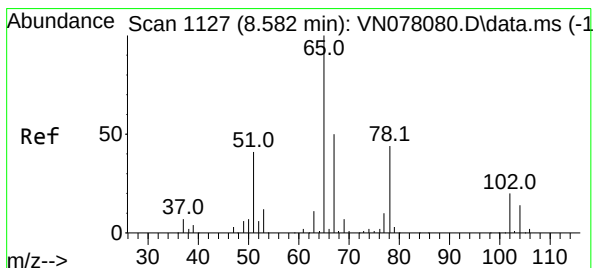
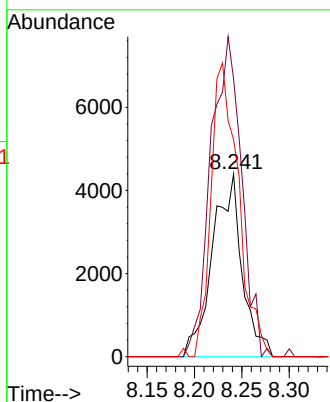
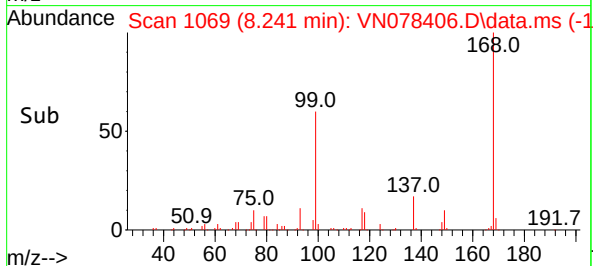


#31
Cyclohexane
Concen: 1.257 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.024 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

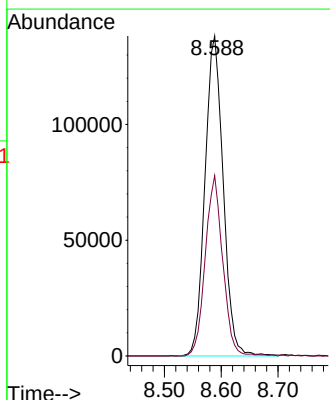
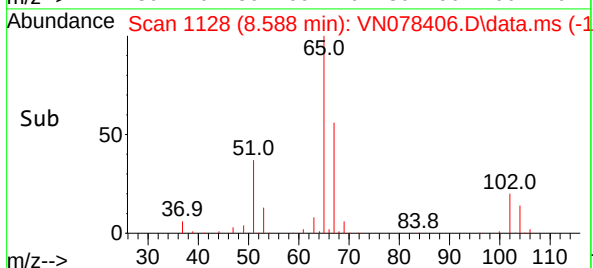
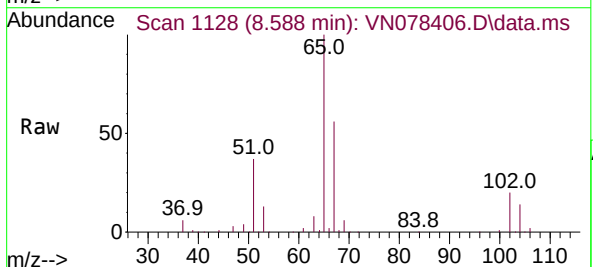


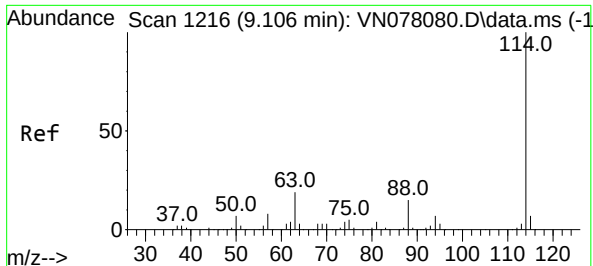
Tgt Ion: 56 Resp: 9532
Ion Ratio Lower Upper
56 100
69 152.3 26.8 40.2#
84 118.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 52.044 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion: 65 Resp: 307689
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078406.D

Acq: 26 Jun 2023 16:49

Instrument :

MSVOA_N

ClientSampleId :

FB-GW-062123

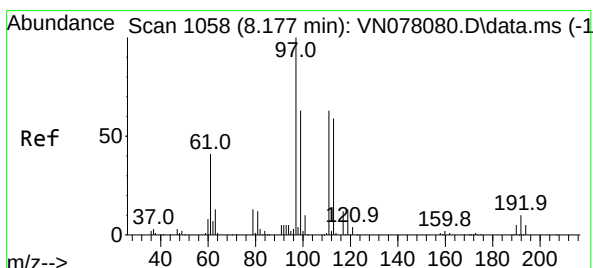
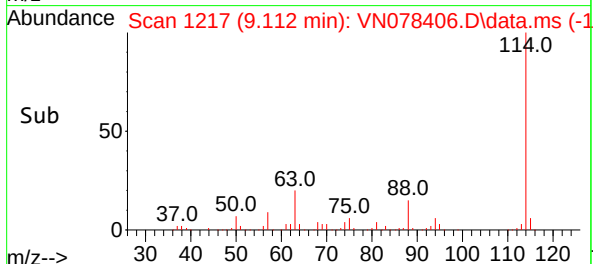
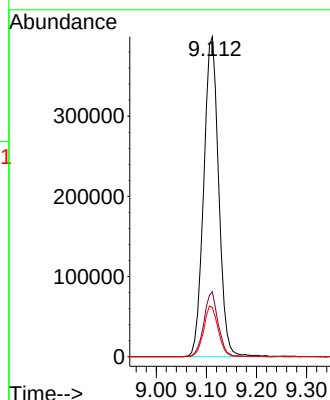
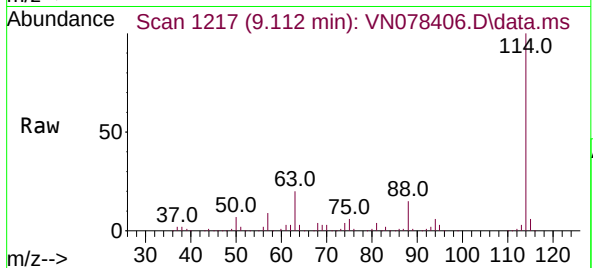
Tgt Ion:114 Resp: 828258

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.698 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078406.D

Acq: 26 Jun 2023 16:49

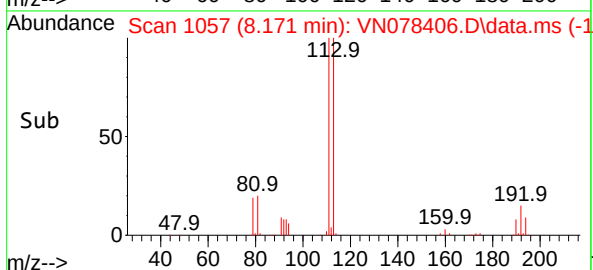
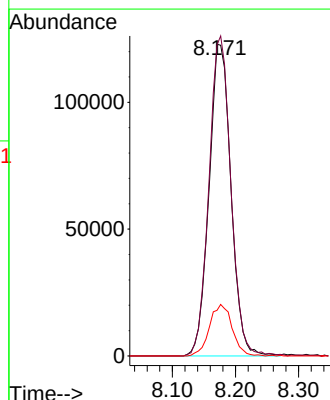
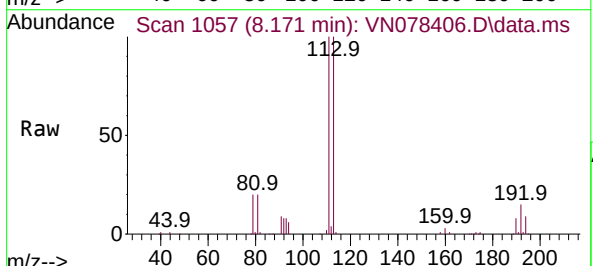
Tgt Ion:113 Resp: 296923

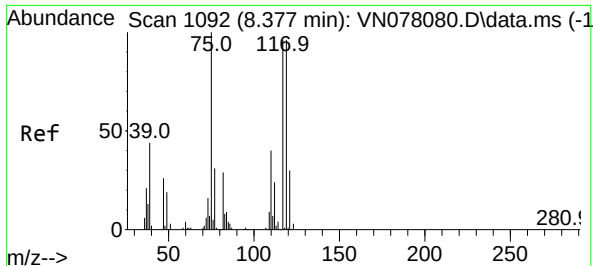
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.1 12.7 19.1

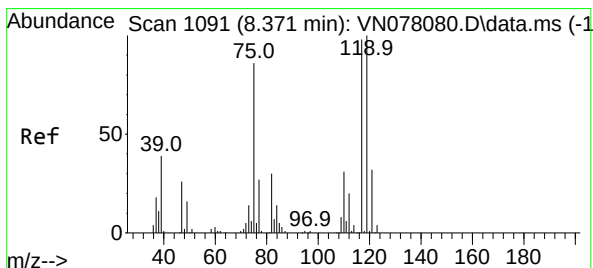
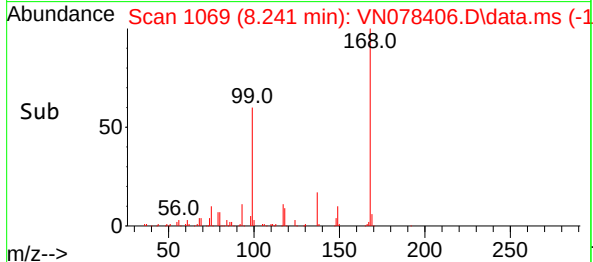
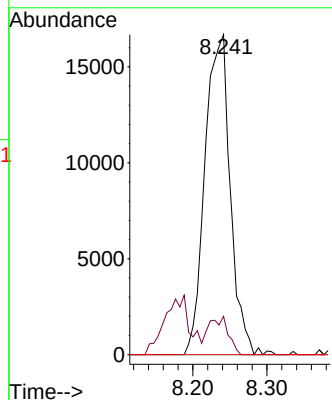
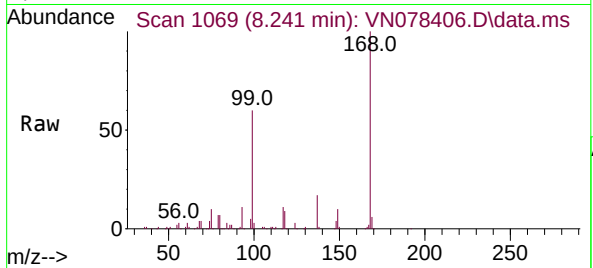




#36
1,1-Dichloropropene
Concen: 5.264 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

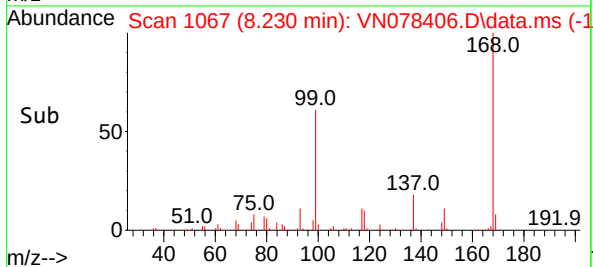
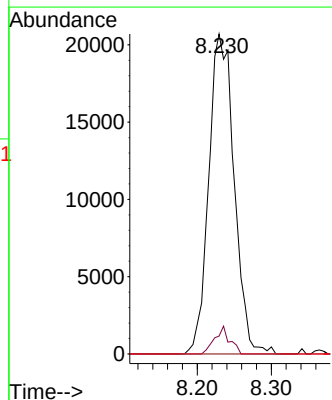
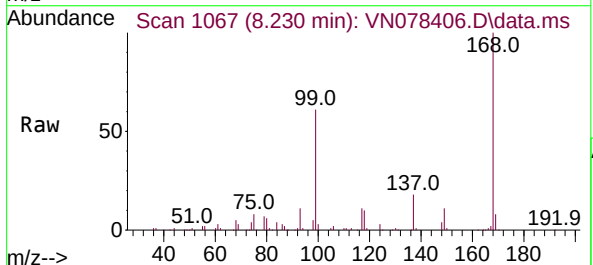
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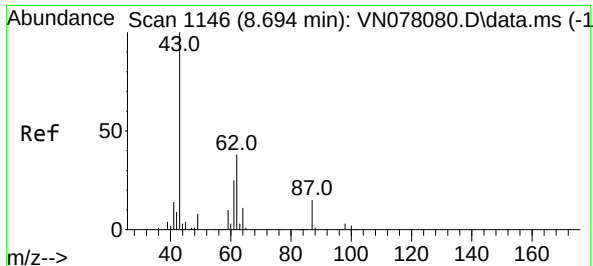
Tgt Ion: 75 Resp: 39541
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.213 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion: 117 Resp: 49276
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 23.3 34.9#

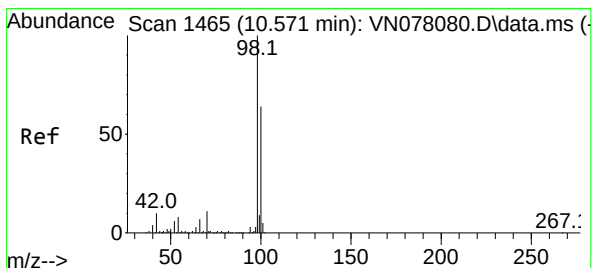
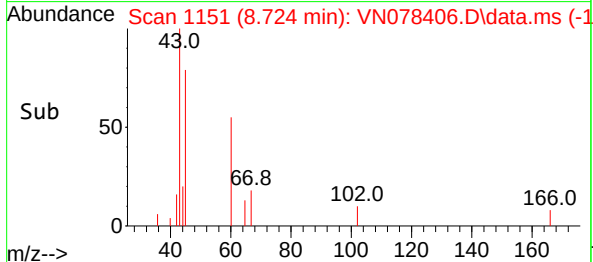
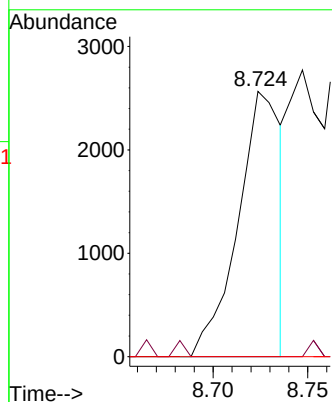
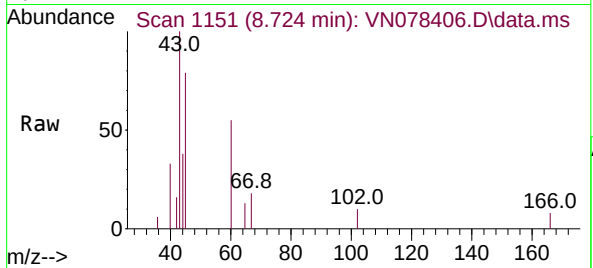




#43
Isopropyl Acetate
Concen: 0.361 ug/l
RT: 8.724 min Scan# 1146
Delta R.T. 0.029 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

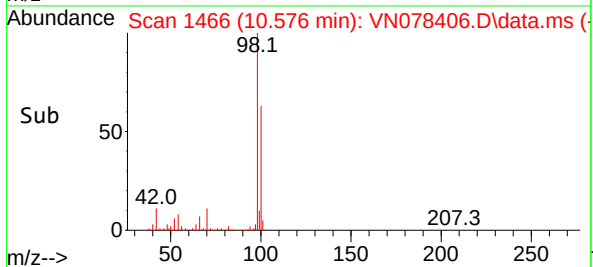
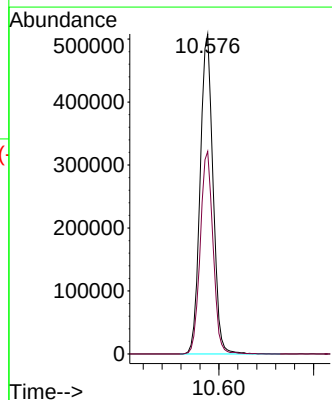
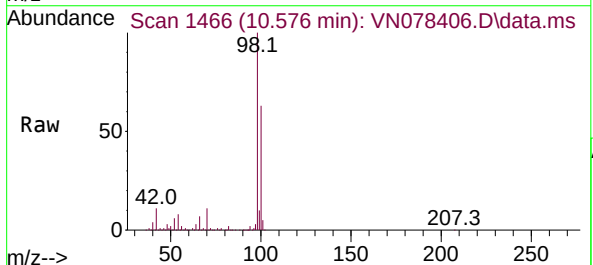
Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

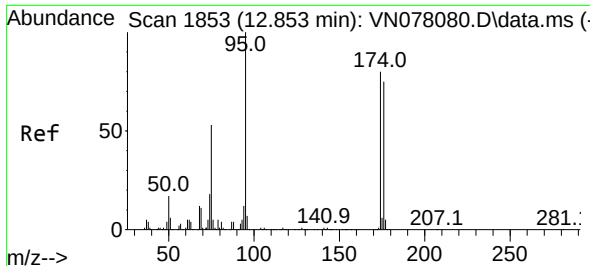
Tgt Ion: 43 Resp: 4051
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.254 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion: 98 Resp: 954017
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

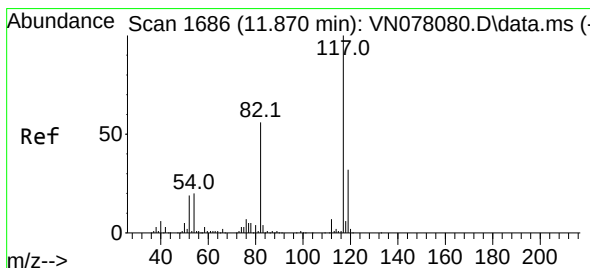
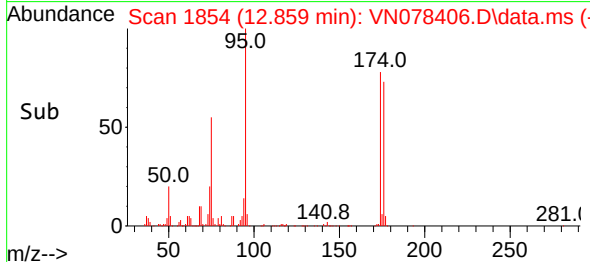
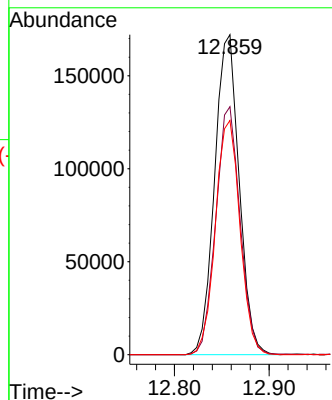
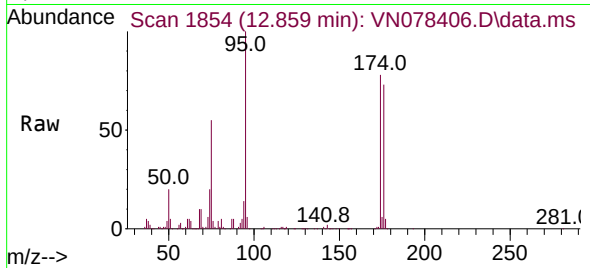




#62
4-Bromofluorobenzene
Concen: 49.414 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

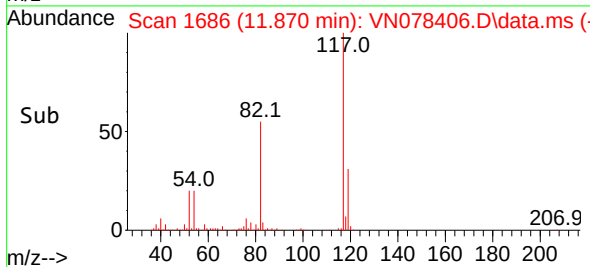
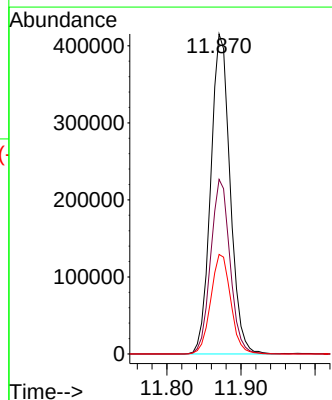
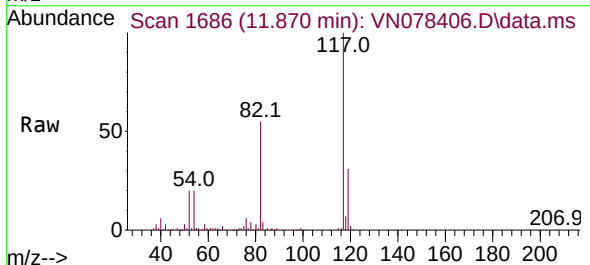
Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

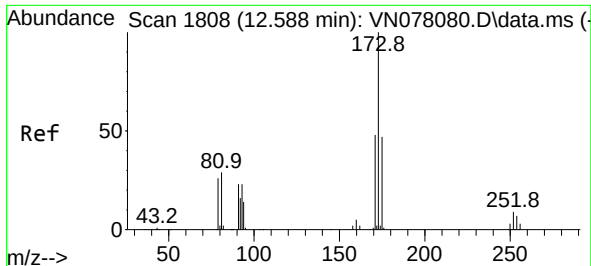
Tgt Ion: 95 Resp: 310137
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 73.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion: 117 Resp: 754234
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.1 25.6 38.4

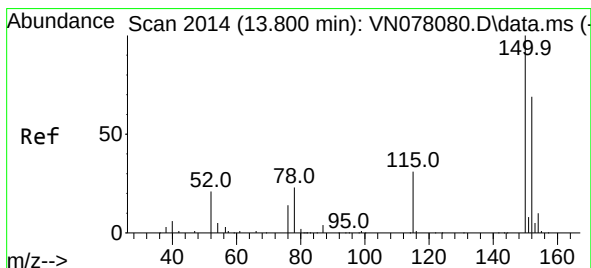
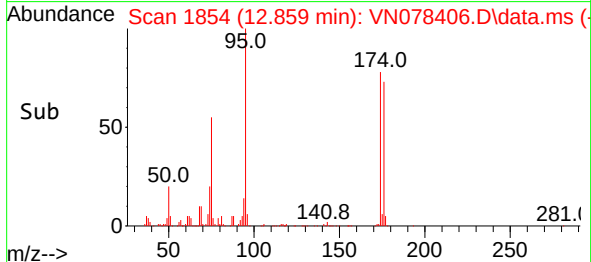
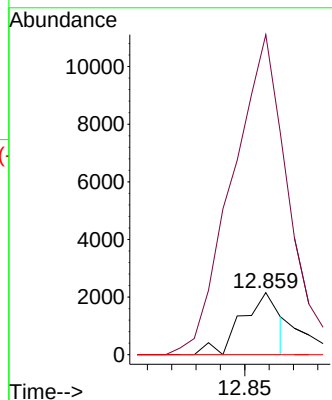
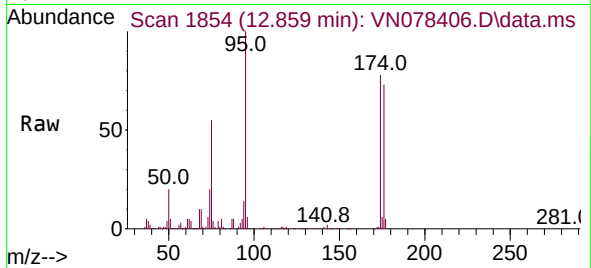




#71
Bromoform
Concen: 0.608 ug/l
RT: 12.859 min Scan# 1808
Delta R.T. 0.271 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

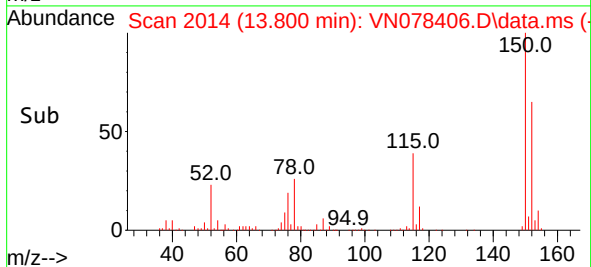
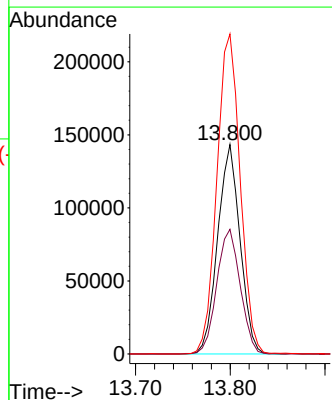
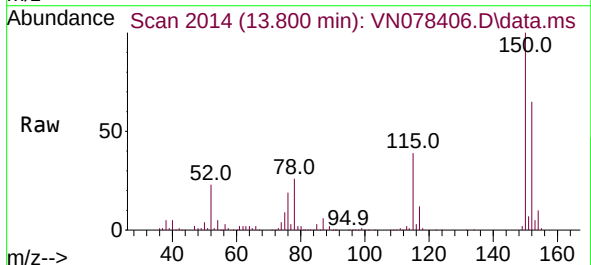
Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

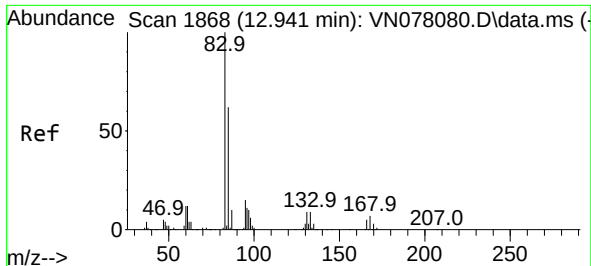
Tgt Ion:173 Resp: 2330
Ion Ratio Lower Upper
173 100
175 646.7 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion:152 Resp: 235103
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 159.4 0.0 355.8

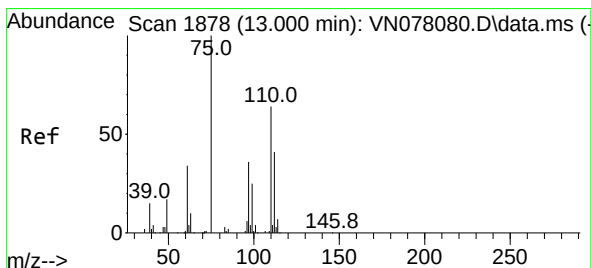
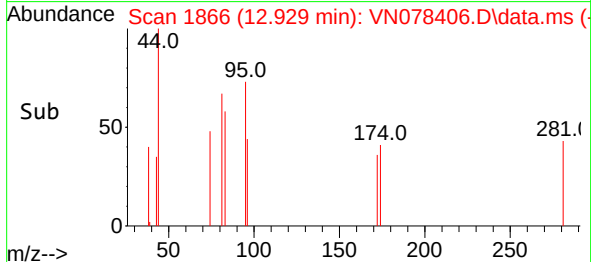
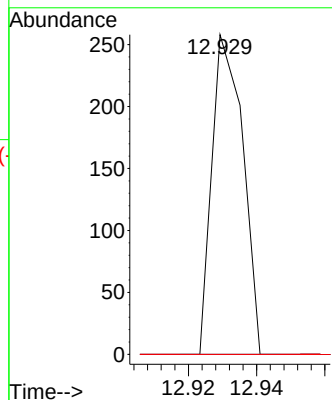
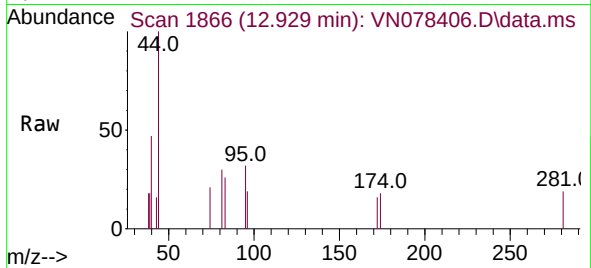




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.929 min Scan# 1854
Delta R.T. -0.012 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

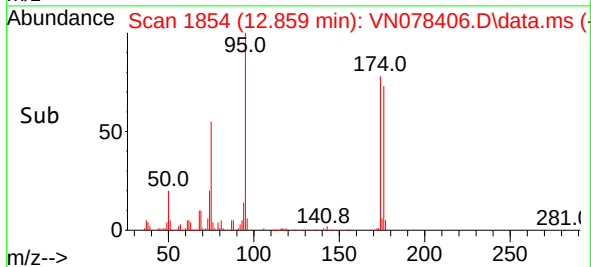
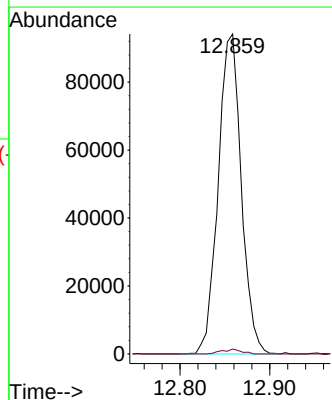
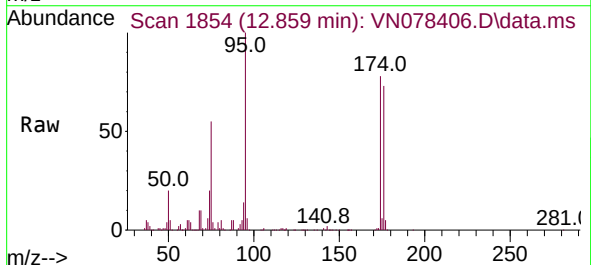
Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

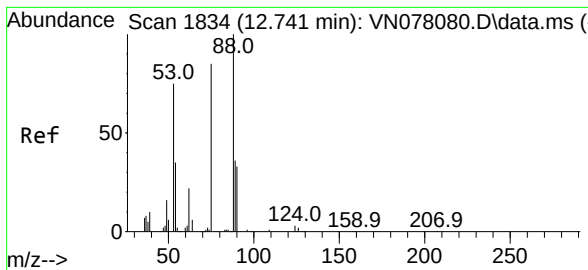
Tgt Ion: 83 Resp: 162
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 30.257 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion: 75 Resp: 168168
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.960 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN078406.D
 Acq: 26 Jun 2023 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-GW-062123

Tgt Ion: 75 Resp: 168168
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

