

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030723\
 Data File : VN076865.D
 Acq On : 07 Mar 2023 11:31
 Operator : JC\MD
 Sample : VN0307WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0307WBL01

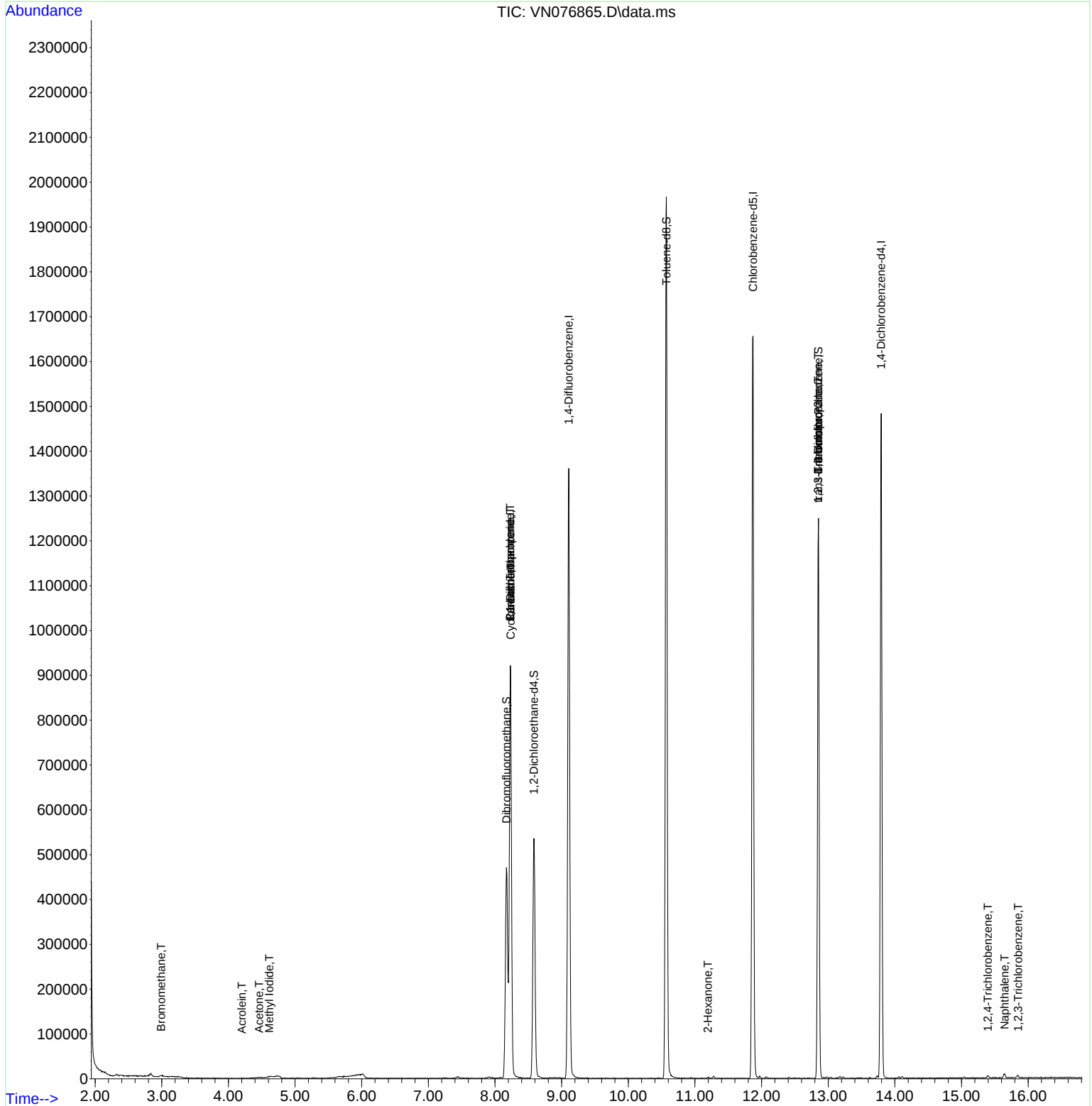
Quant Time: Mar 07 22:39:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

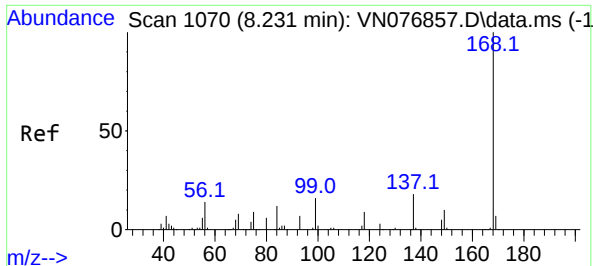
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	658605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1158127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	991196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	388153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	450504	48.788	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.580%		
35) Dibromofluoromethane	8.172	113	351538	48.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	10.572	98	1380108	49.444	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.880%		
62) 4-Bromofluorobenzene	12.854	95	447552	46.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.540%		
Target Compounds						Qvalue
5) Bromomethane	2.990	94	2409	0.397	ug/l #	66
6) Chloroethane	3.143	64	59	Below Cal	#	42
10) Methyl Iodide	4.613	142	1726	0.210	ug/l #	81
13) Acrolein	4.201	56	500	0.282	ug/l #	53
16) Acetone	4.460	43	1141	0.283	ug/l #	24
31) Cyclohexane	8.236	56	15196	0.974	ug/l #	8
36) 1,1-Dichloropropene	8.231	75	57327	4.923	ug/l #	48
38) Carbon Tetrachloride	8.231	117	72262	6.109	ug/l #	16
59) 2-Hexanone	11.195	43	2096	0.251	ug/l	98
71) Bromoform	12.854	173	2350	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	236539	24.163	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	236539	79.691	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.395	180	2083	0.301	ug/l	87
95) Naphthalene	15.648	128	8929	0.402	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	2016	0.296	ug/l	88

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

Quant Time: Mar 07 22:39:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
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QLast Update : Tue Mar 07 08:45:33 2023
Response via : Initial Calibration

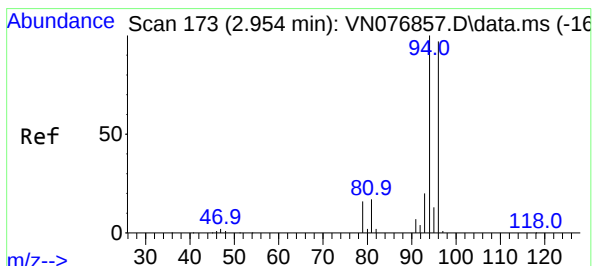
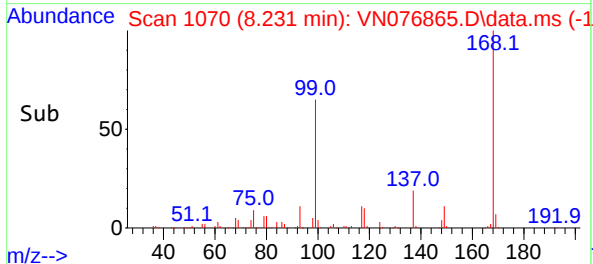
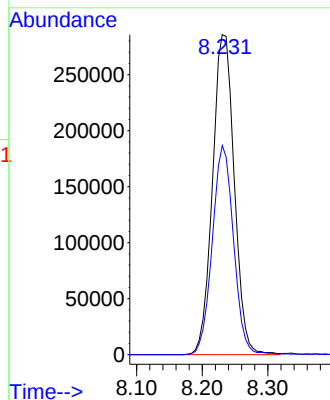
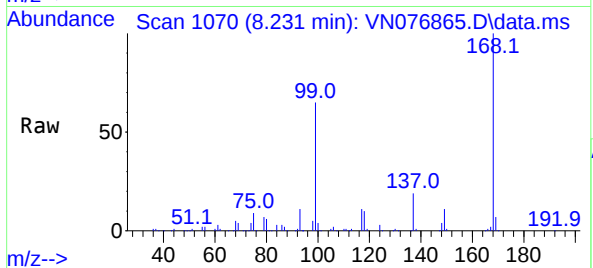




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

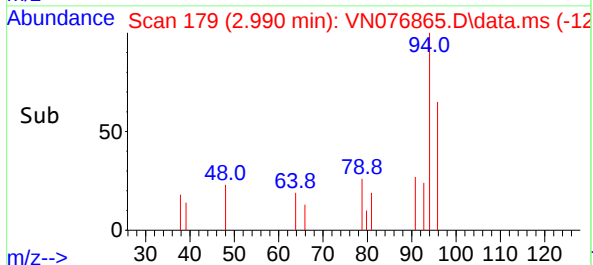
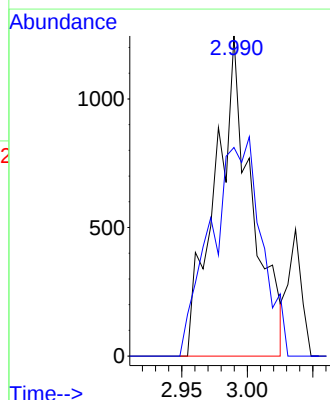
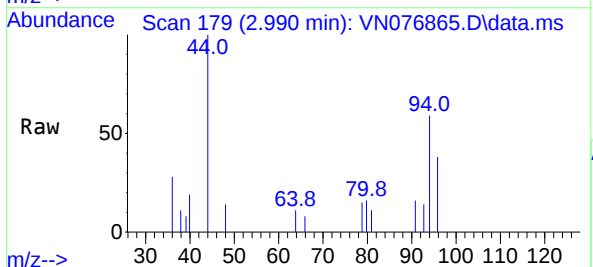
Instrument :
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VN0307WBL01

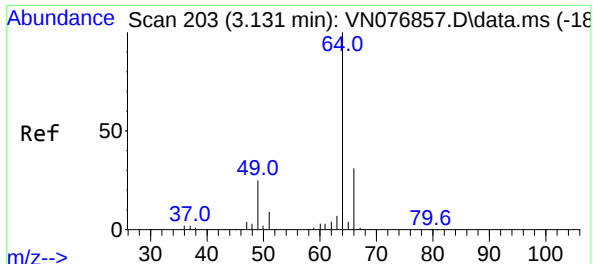
Tgt Ion:168 Resp: 658605
Ion Ratio Lower Upper
168 100
99 65.4 48.6 73.0



#5
Bromomethane
Concen: 0.397 ug/l
RT: 2.990 min Scan# 179
Delta R.T. 0.036 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion: 94 Resp: 2409
Ion Ratio Lower Upper
94 100
96 65.1 79.0 118.6#

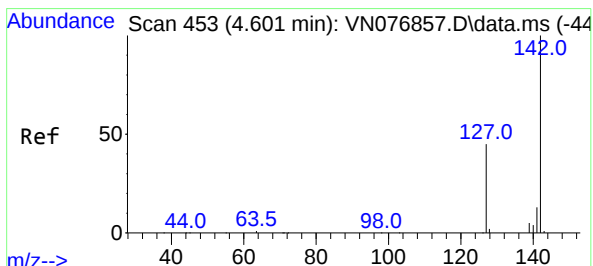
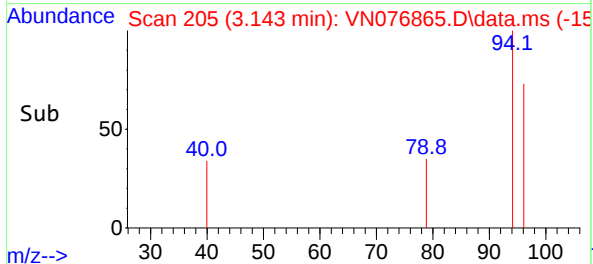
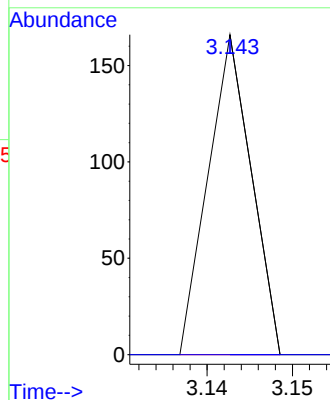
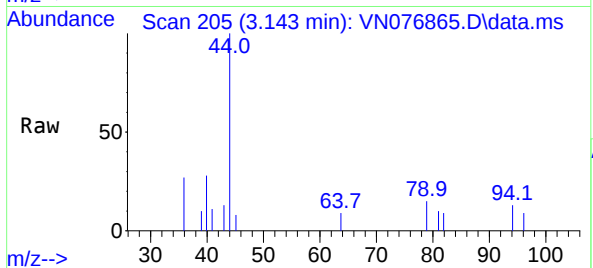




#6
Chloroethane
Concen: Below Cal
RT: 3.143 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

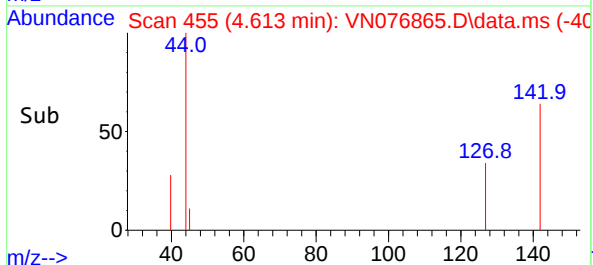
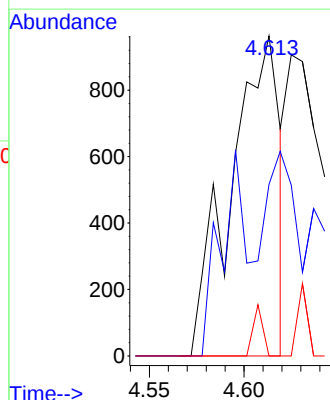
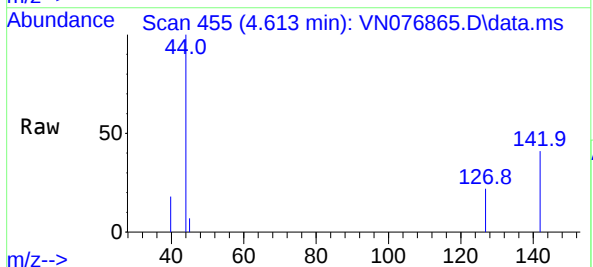
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ClientSampleId :
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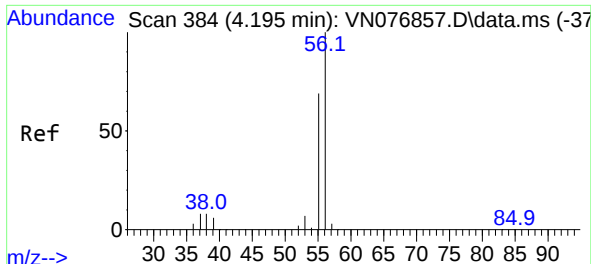
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 0.210 ug/l
RT: 4.613 min Scan# 455
Delta R.T. 0.012 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion:142 Resp: 1726
Ion Ratio Lower Upper
142 100
127 53.6 35.2 52.8#
141 0.0 10.2 15.2#

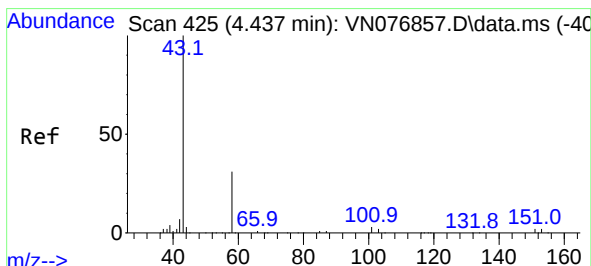
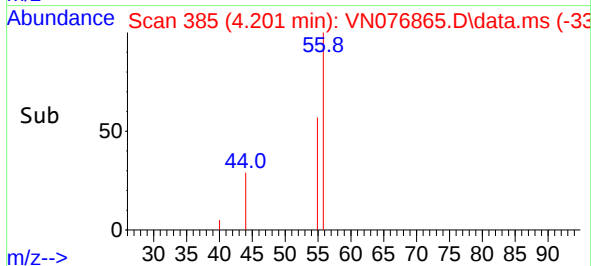
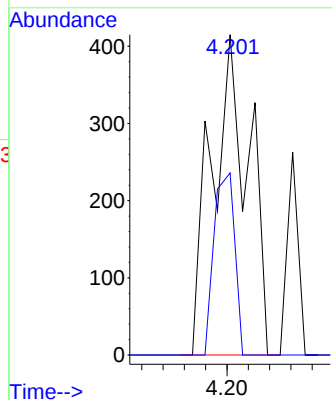
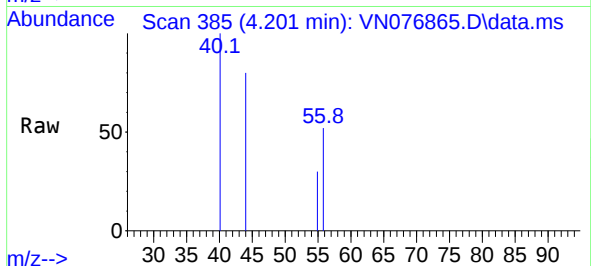




#13
Acrolein
Concen: 0.282 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.006 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

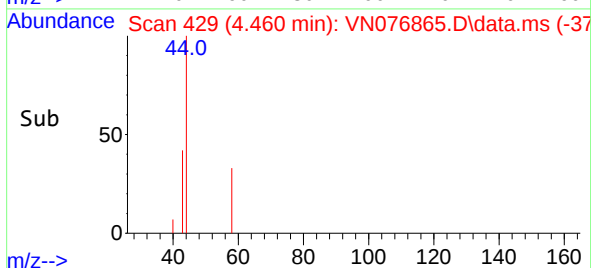
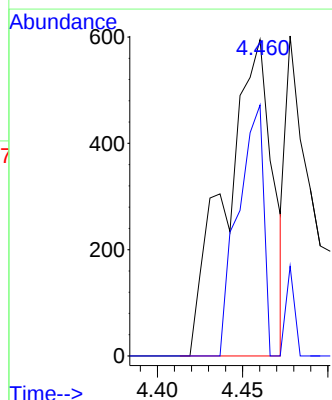
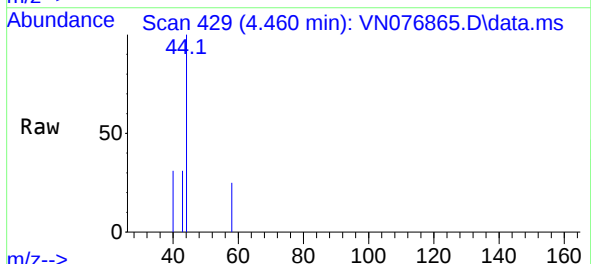
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBL01

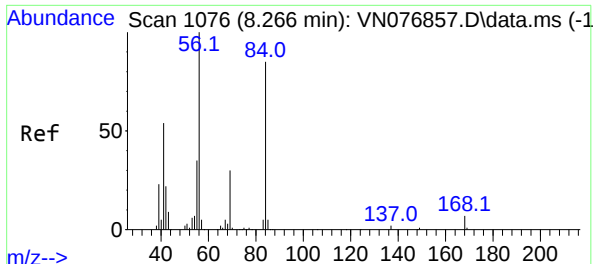
Tgt Ion: 56 Resp: 500
Ion Ratio Lower Upper
56 100
55 31.8 56.7 85.1#



#16
Acetone
Concen: 0.283 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 79.3 28.2 42.2#

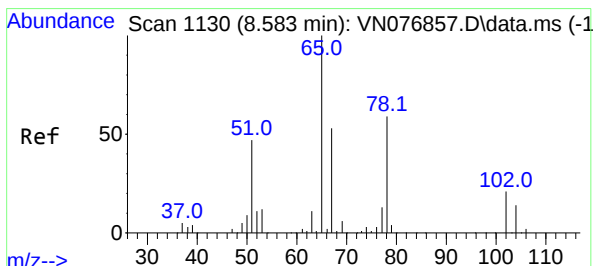
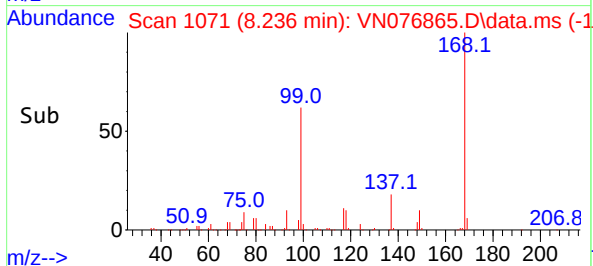
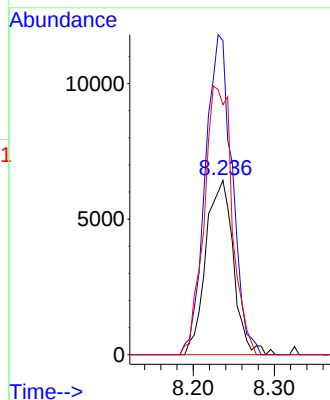
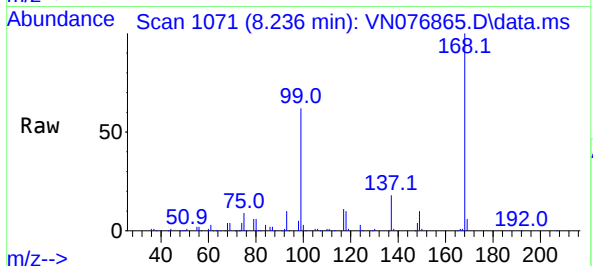




#31
Cyclohexane
Concen: 0.974 ug/l
RT: 8.236 min Scan# 1076
Delta R.T. -0.030 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

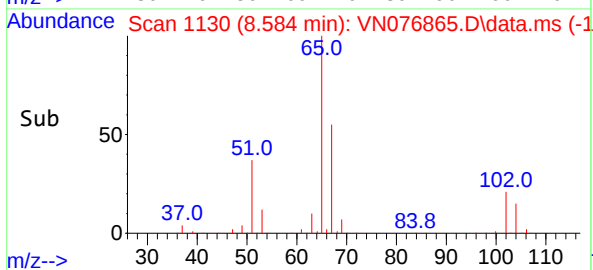
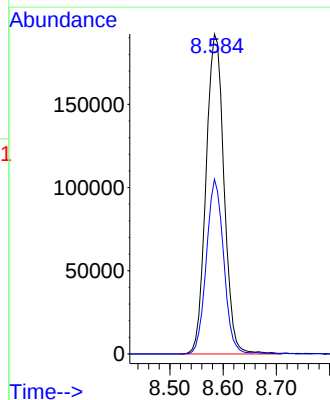
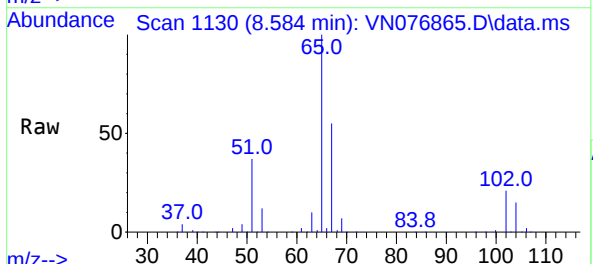
Instrument :
MSVOA_N
ClientSampleId :
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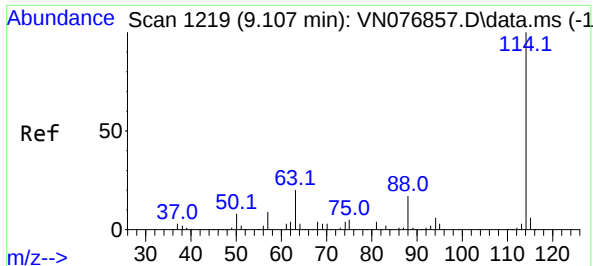
Tgt Ion: 56 Resp: 15196
Ion Ratio Lower Upper
56 100
69 180.2 27.0 40.6#
84 143.4 82.9 124.3#



#33
1,2-Dichloroethane-d4
Concen: 48.788 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion: 65 Resp: 450504
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.2

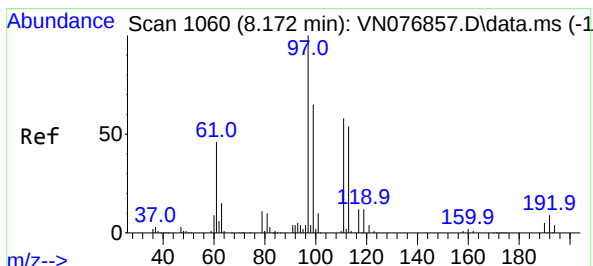
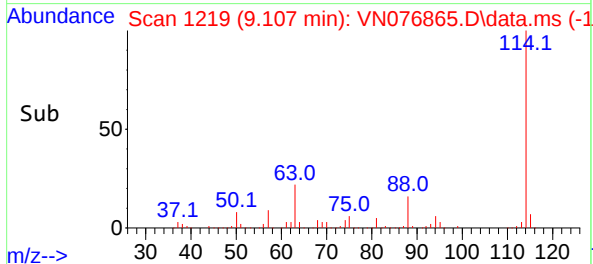
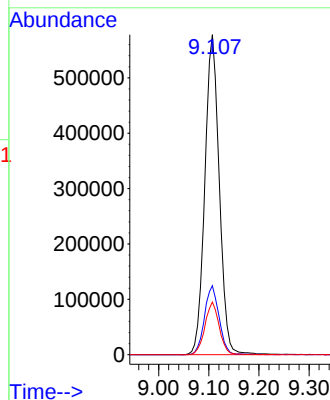
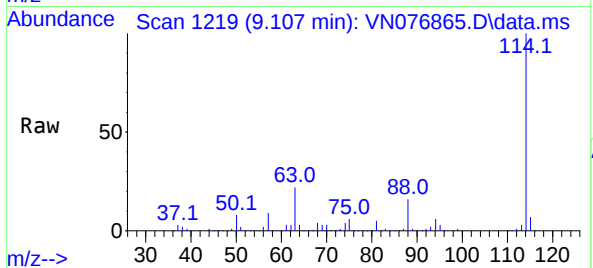




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1158127
Delta R.T. 0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

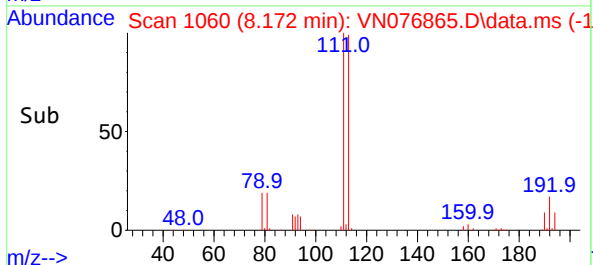
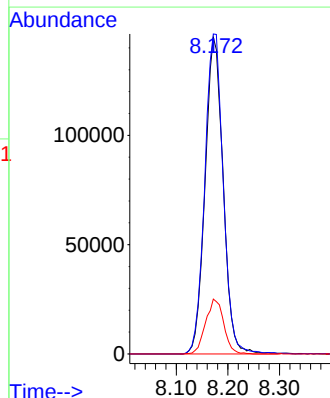
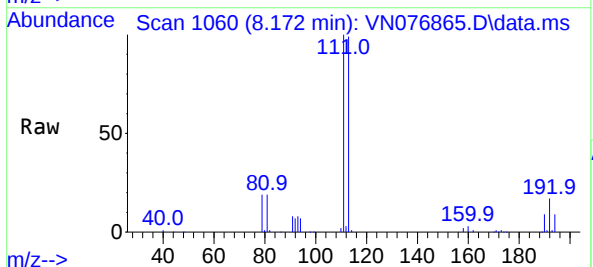
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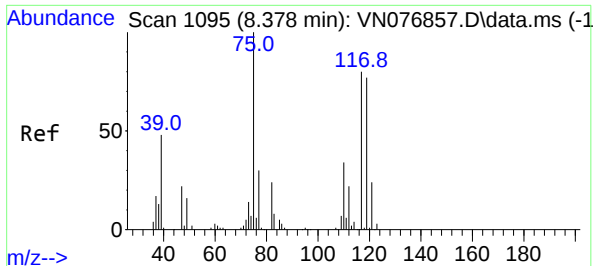
Tgt Ion:114 Resp: 1158127
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.6
88 16.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 48.521 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion:113 Resp: 351538
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 17.4 13.9 20.9

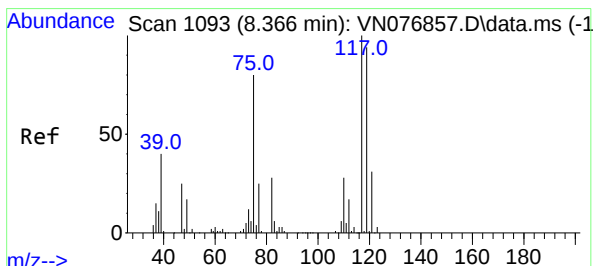
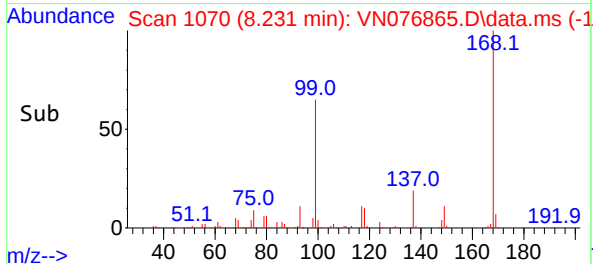
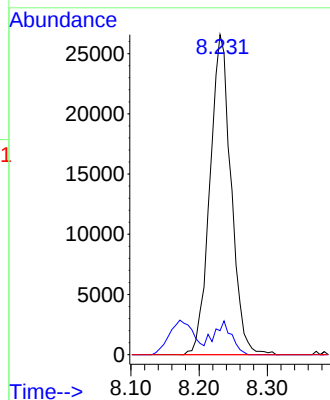
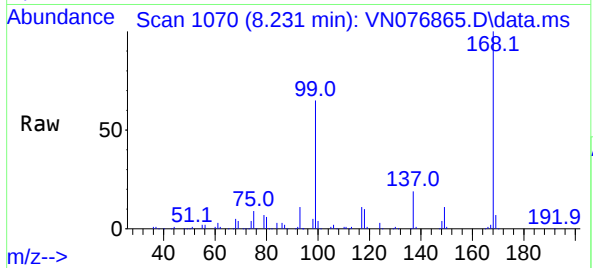




#36
1,1-Dichloropropene
Concen: 4.923 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

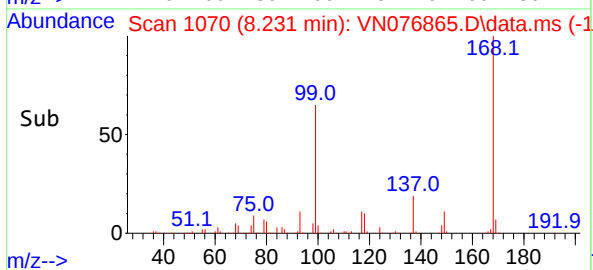
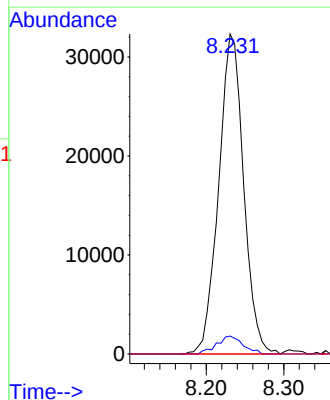
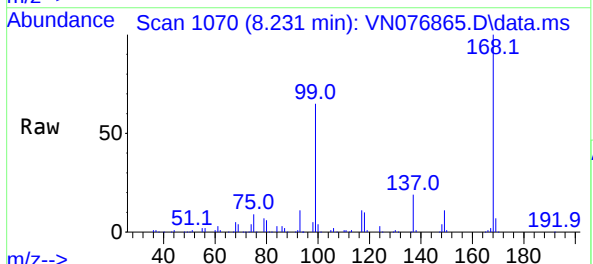
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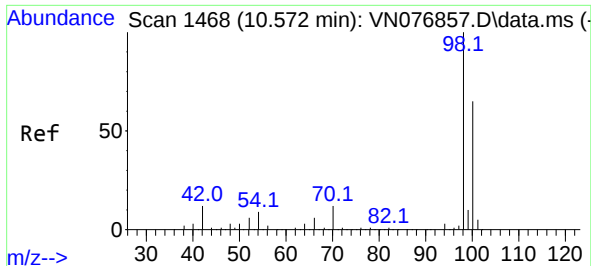
Tgt Ion: 75 Resp: 57327
Ion Ratio Lower Upper
75 100
110 9.0 18.9 56.9#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.109 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion: 117 Resp: 72262
Ion Ratio Lower Upper
117 100
119 5.6 76.9 115.3#
121 0.0 23.2 34.8#

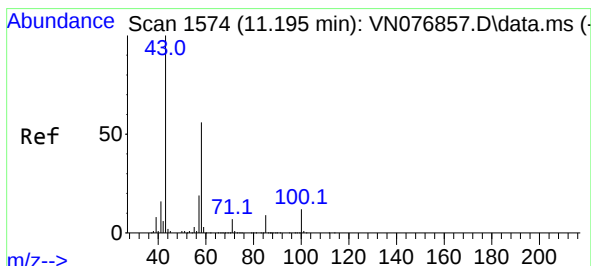
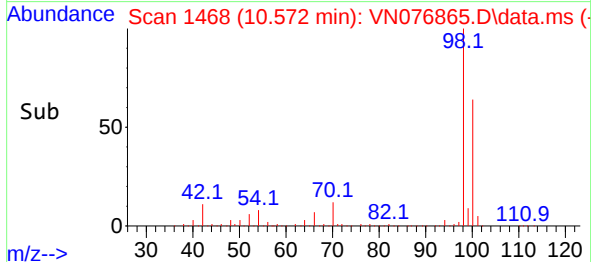
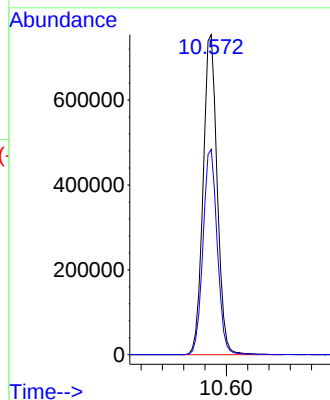
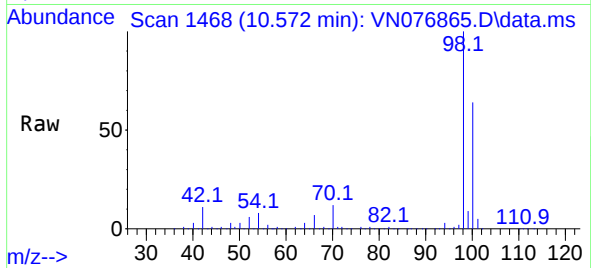




#50
Toluene-d8
Concen: 49.444 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

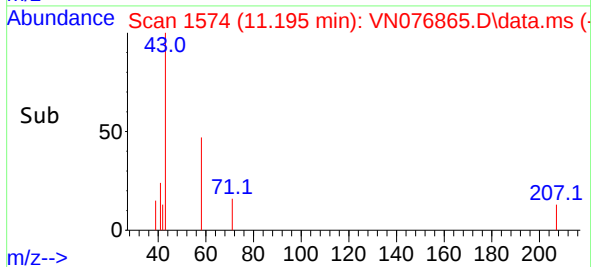
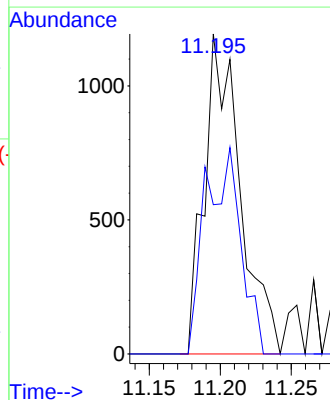
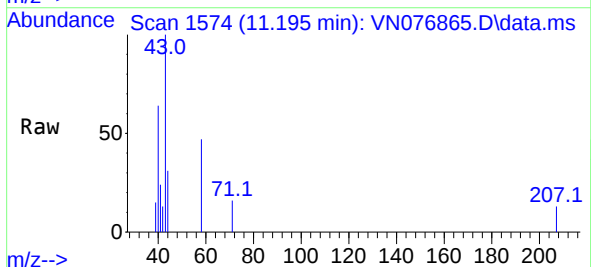
Instrument :
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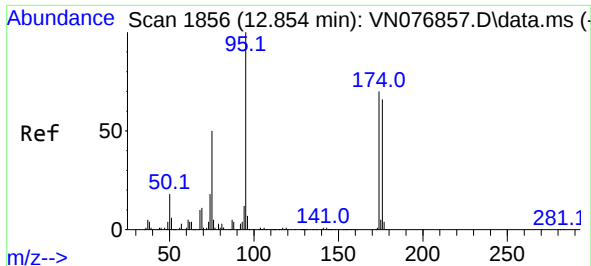
Tgt Ion: 98 Resp: 1380108
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#59
2-Hexanone
Concen: 0.251 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion: 43 Resp: 2096
Ion Ratio Lower Upper
43 100
58 63.8 32.6 98.0

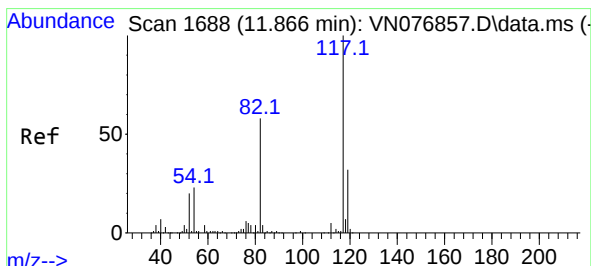
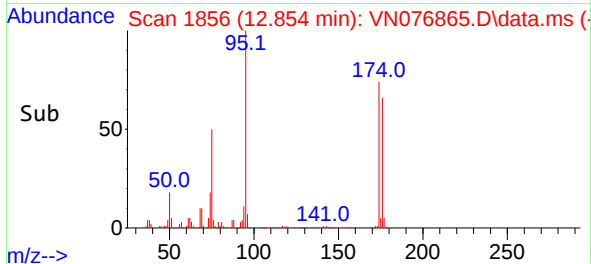
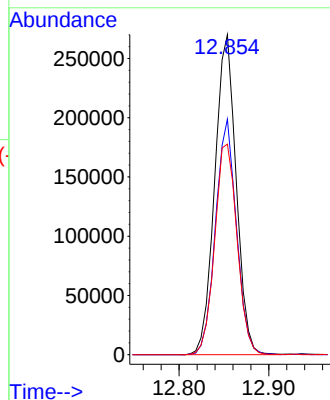
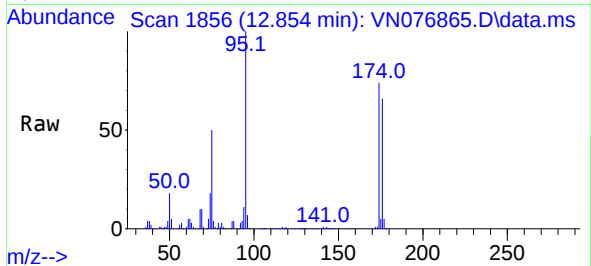




#62
4-Bromofluorobenzene
Concen: 46.272 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

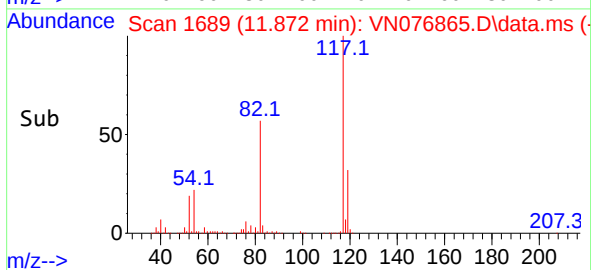
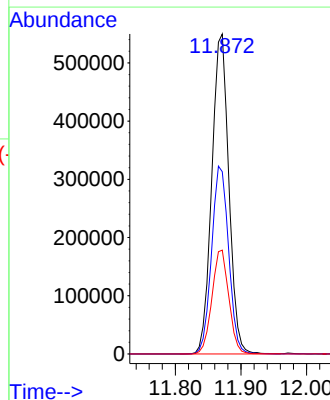
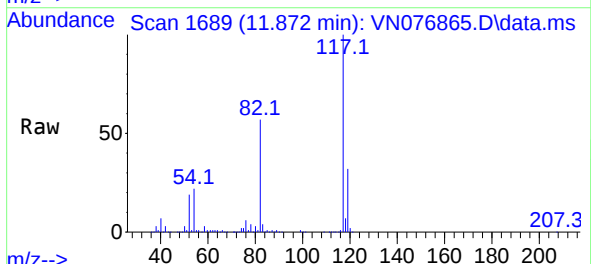
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBL01

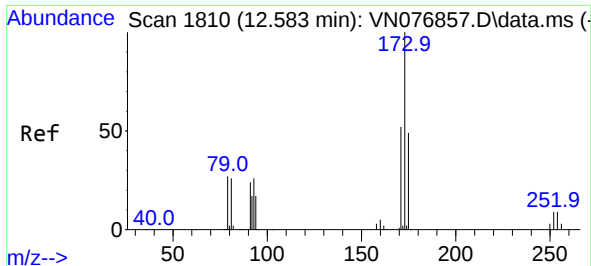
Tgt Ion:	95	Resp:	447552
Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	162.4
176	68.8	0.0	157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion:	117	Resp:	991196
Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.5	65.3
119	32.4	25.5	38.3

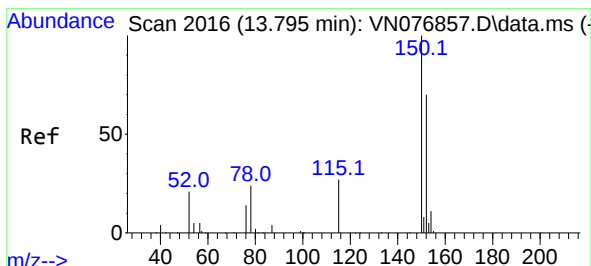
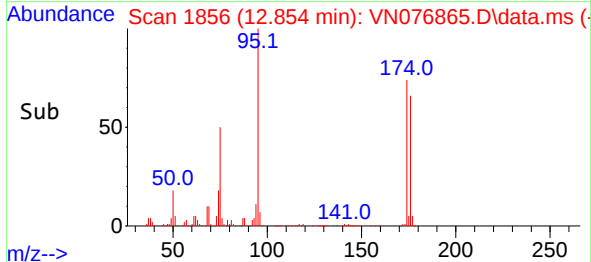
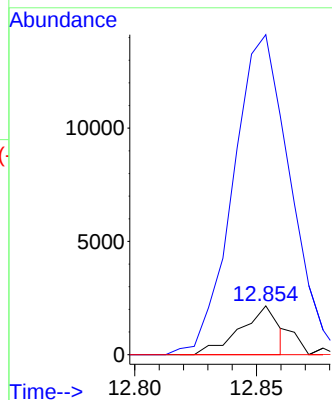
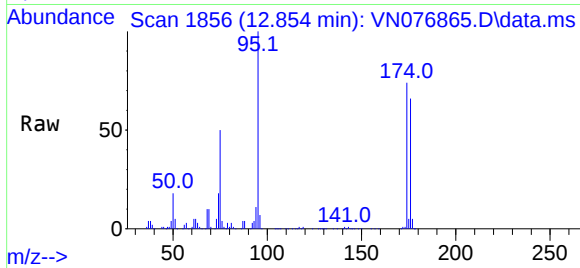




#71
Bromoform
Concen: 0.446 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.271 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

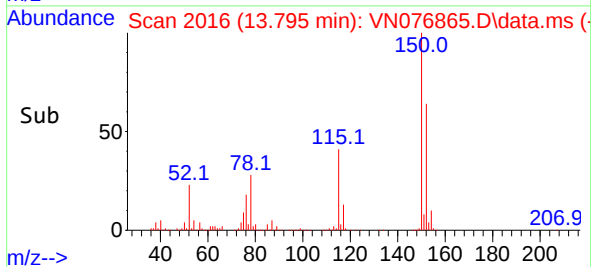
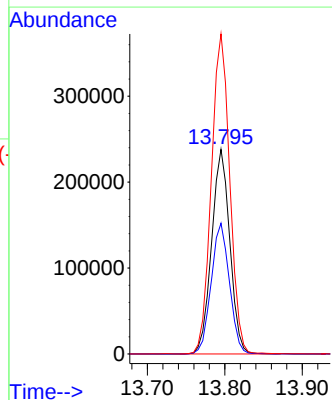
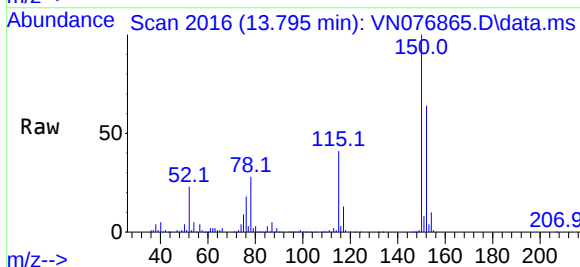
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBL01

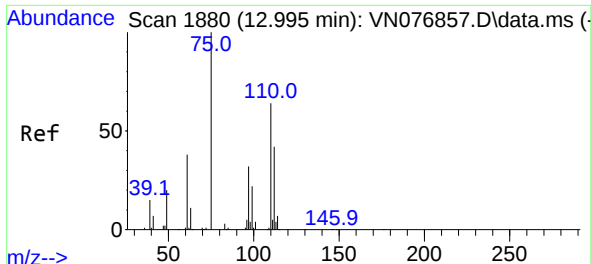
Tgt Ion:173 Resp: 2350
Ion Ratio Lower Upper
173 100
175 812.0 24.9 74.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion:152 Resp: 388153
Ion Ratio Lower Upper
152 100
115 64.1 30.3 90.9
150 158.4 0.0 353.6

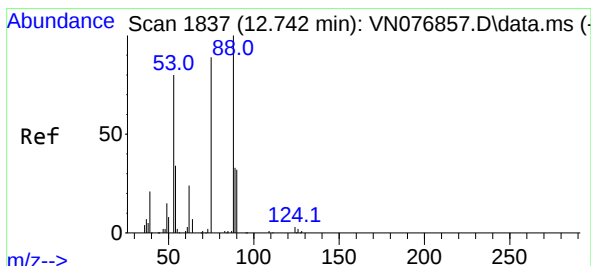
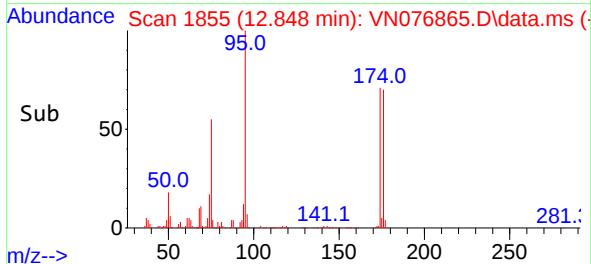
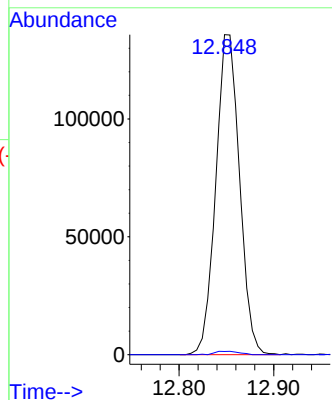
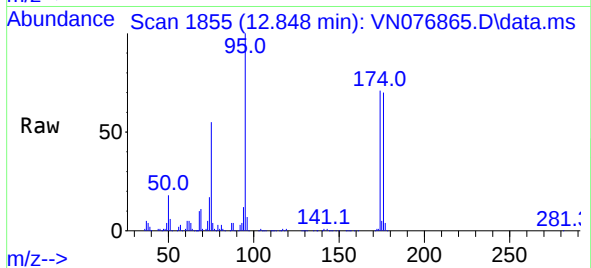




#76
1,2,3-Trichloropropane
Concen: 24.163 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

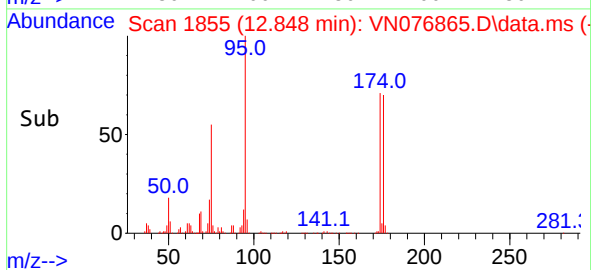
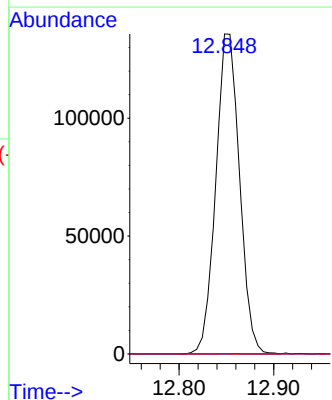
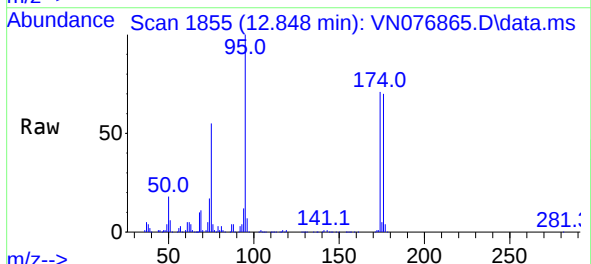
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBL01

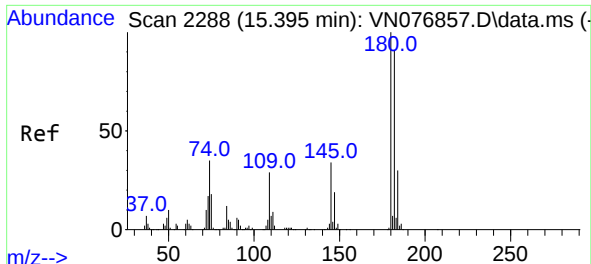
Tgt Ion: 75 Resp: 236539
Ion Ratio Lower Upper
75 100
77 1.1 93.8 281.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.691 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.106 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

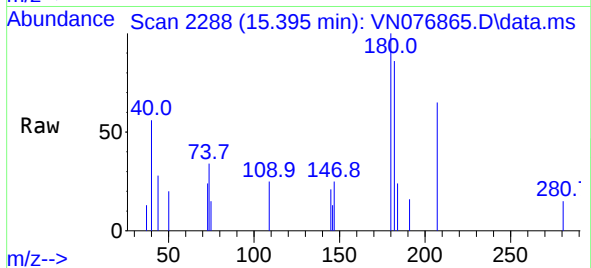
Tgt Ion: 75 Resp: 236539
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#



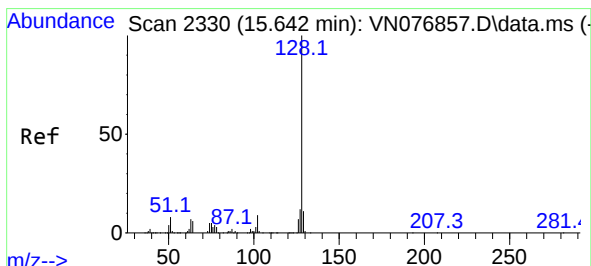
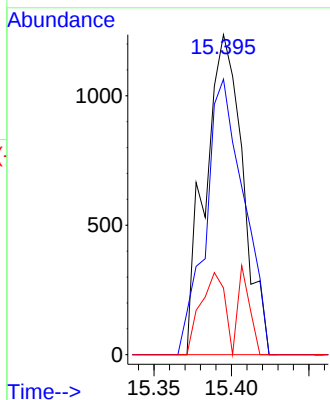
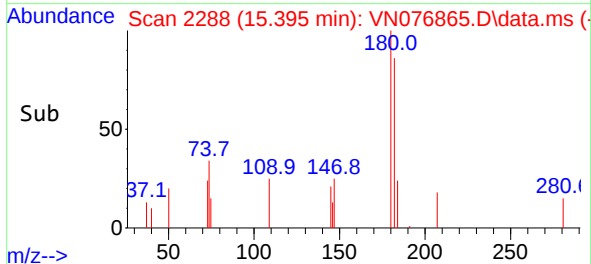


#93
1,2,4-Trichlorobenzene
Concen: 0.301 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

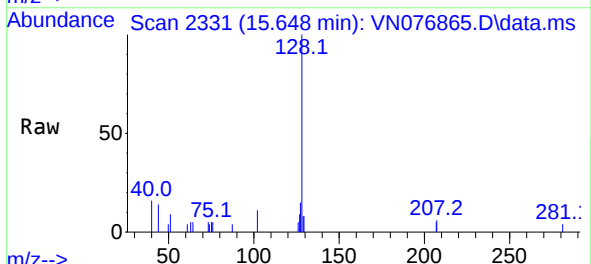
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBL01



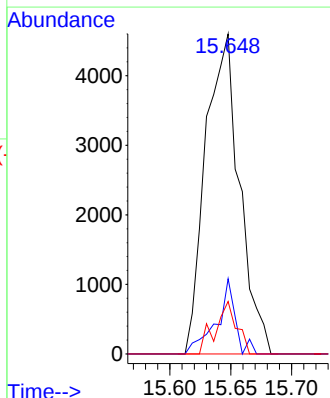
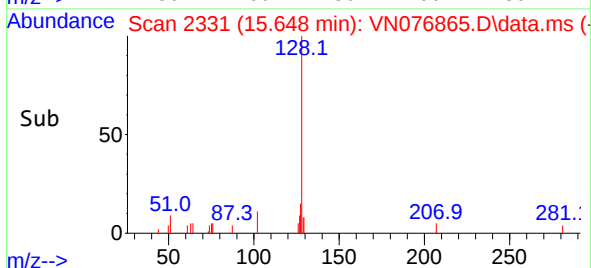
Tgt Ion:180 Resp: 2083
Ion Ratio Lower Upper
180 100
182 87.4 47.4 142.2
145 16.4 15.8 47.3

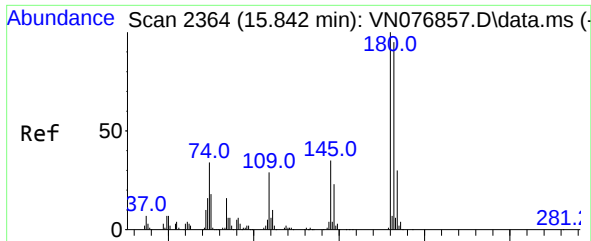


#95
Naphthalene
Concen: 0.402 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31



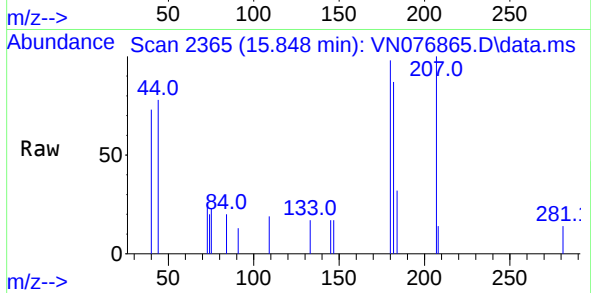
Tgt Ion:128 Resp: 8929
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.4 8.9 13.3





#96
1,2,3-Trichlorobenzene
Concen: 0.296 ug/l
RT: 15.848 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0307WBL01



Tgt Ion:	180	Resp:	2016
Ion	Ratio	Lower	Upper
180	100		
182	85.0	47.7	143.1
145	24.1	17.0	51.0

