

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN066003.D
 Acq On : 24 Feb 2021 14:54
 Operator : JC/MD
 Sample : M1473-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW803-20-25-022321-FD

Quant Time: Feb 25 02:13:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

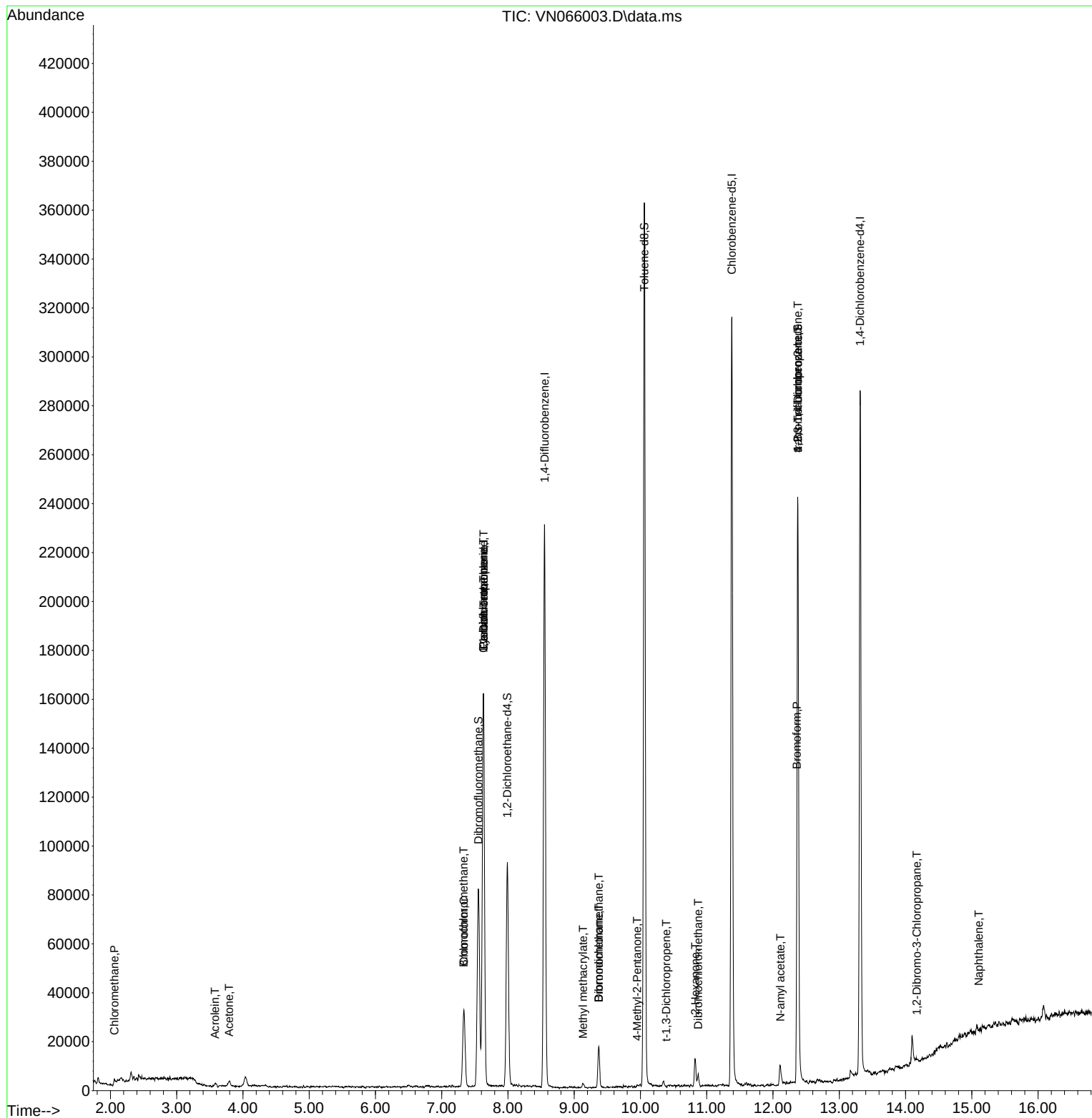
Internal Standards						
1) Pentafluorobenzene	7.630	168	128680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	213933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	193442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	80681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	85253	47.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.76%		
35) Dibromofluoromethane	7.553	113	64800	48.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.88%		
50) Toluene-d8	10.058	98	257640	47.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.80%		
62) 4-Bromofluorobenzene	12.373	95	94617	46.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.74%		
Target Compounds					Qvalue	
3) Chloromethane	2.058	50	1104	0.52	ug/l	98
13) Acrolein	3.579	56	1548	6.76	ug/l	98
16) Acetone	3.791	43	4627	6.62	ug/l	91
28) Bromochloromethane	7.331	49	2525	1.92	ug/l #	9
30) Chloroform	7.335	83	34377	12.20	ug/l	99
31) Cyclohexane	7.627	56	2501	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	10290	4.88	ug/l #	48
38) Carbon Tetrachloride	7.630	117	12987	6.62	ug/l #	16
46) Dibromomethane	9.370	93	301	0.30	ug/l #	2
47) Bromodichloromethane	9.370	83	12712	6.18	ug/l	98
48) Methyl methacrylate	9.132	41	536	0.35	ug/l #	27
51) 4-Methyl-2-Pentanone	9.949	43	486	0.26	ug/l #	35
53) t-1,3-Dichloropropene	10.389	75	59	2.00	ug/l #	42
59) 2-Hexanone	10.826	43	2148	1.63	ug/l #	34
60) Dibromochloromethane	10.871	129	2658	1.75	ug/l	93
71) Bromoform	12.360	173	93	2.58	ug/l #	1
74) N-amyl acetate	12.112	43	2320	1.02	ug/l #	29
76) 1,2,3-Trichloropropane	12.373	75	48816	25.19	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	48816	80.27	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.170	75	34	0.93	ug/l #	1
95) Naphthalene	15.106	128	166	3.09	ug/l #	69

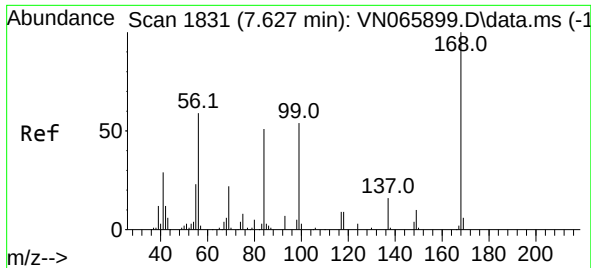
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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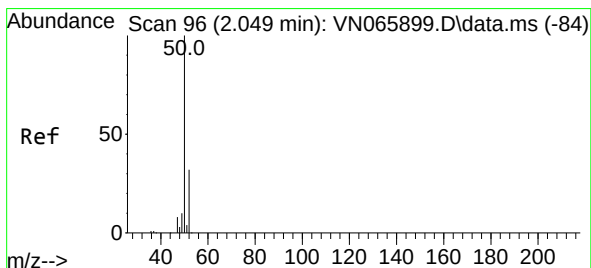
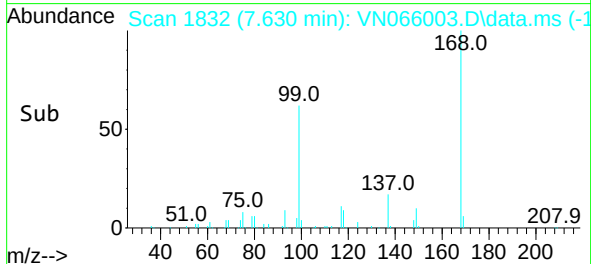
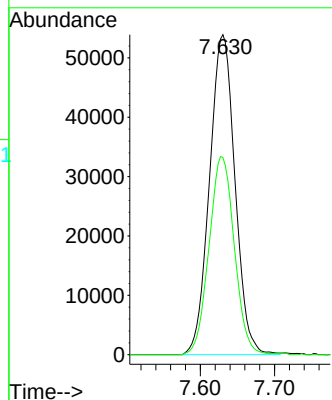
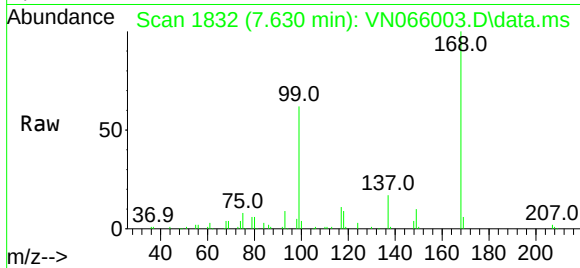




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

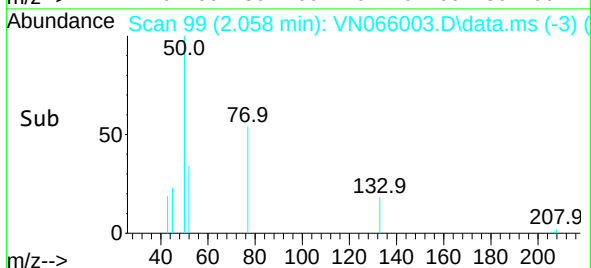
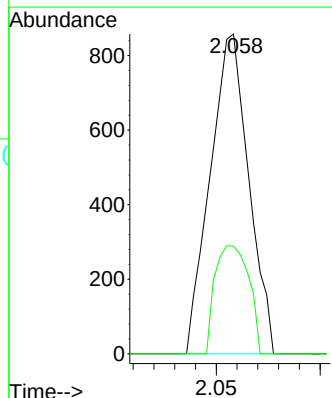
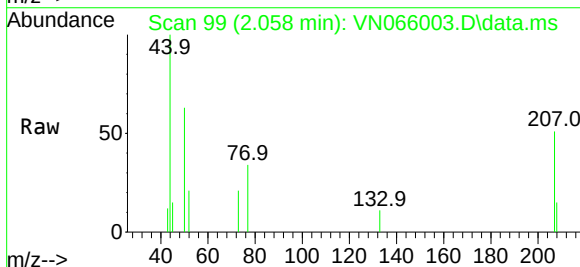
Instrument :
MSVOA_N
ClientSampleId :
GW803-20-25-022321-FD

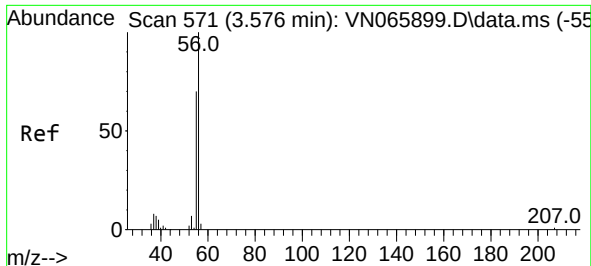
Tgt Ion:168 Resp: 128680
Ion Ratio Lower Upper
168 100
99 61.6 42.6 63.8



#3
Chloromethane
Concen: 0.52 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

Tgt Ion: 50 Resp: 1104
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.8

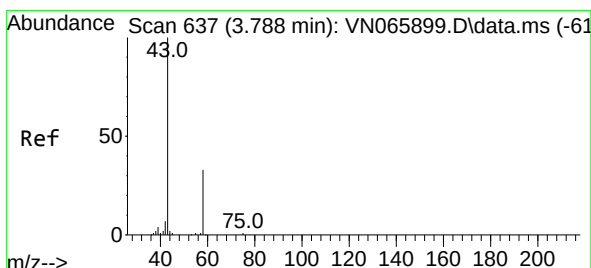
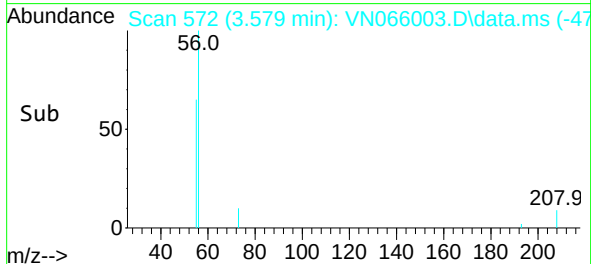
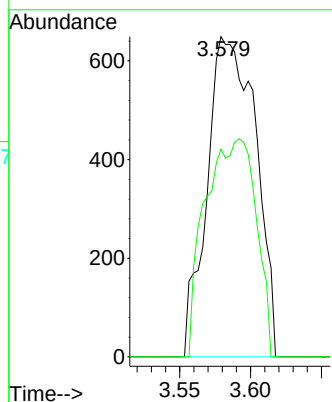
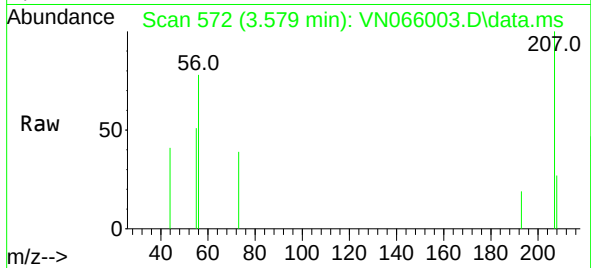




#13
Acrolein
Concen: 6.76 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.003 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

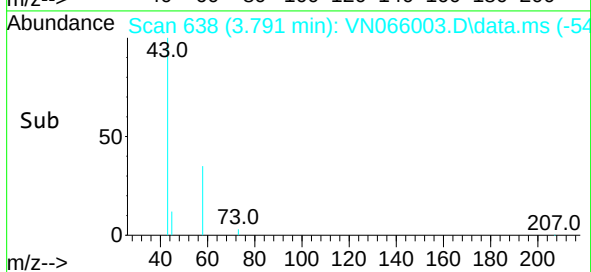
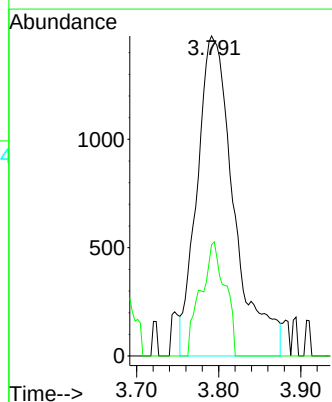
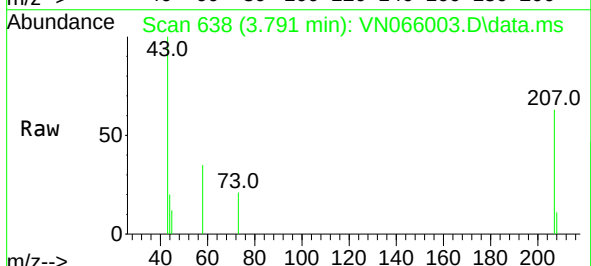
Instrument :
MSVOA_N
ClientSampleId :
GW803-20-25-022321-FD

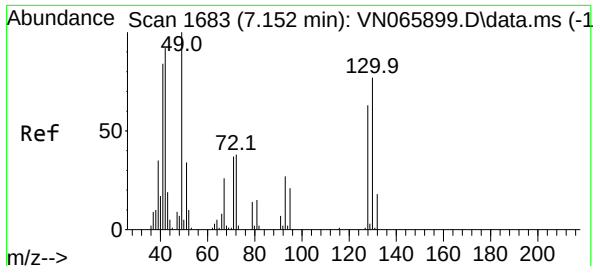
Tgt Ion: 56 Resp: 1548
Ion Ratio Lower Upper
56 100
55 71.3 56.0 84.0



#16
Acetone
Concen: 6.62 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

Tgt Ion: 43 Resp: 4627
Ion Ratio Lower Upper
43 100
58 38.8 27.0 40.6





#28

Bromochloromethane

Concen: 1.92 ug/l

RT: 7.331 min Scan# 1739

Delta R.T. 0.179 min

Lab File: VN066003.D

Acq: 24 Feb 2021 14:54

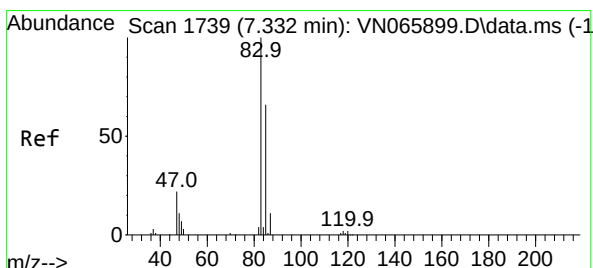
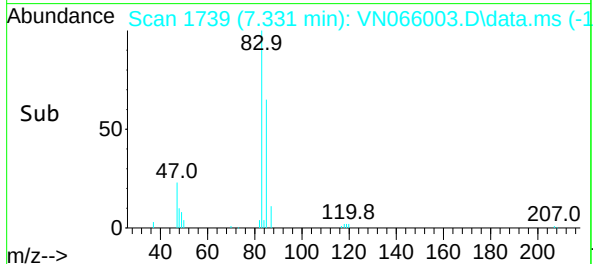
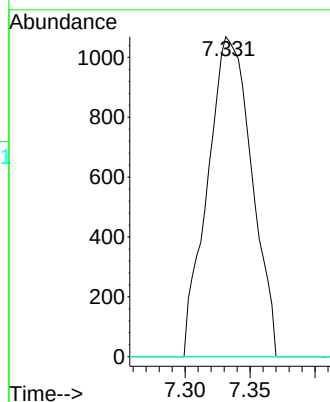
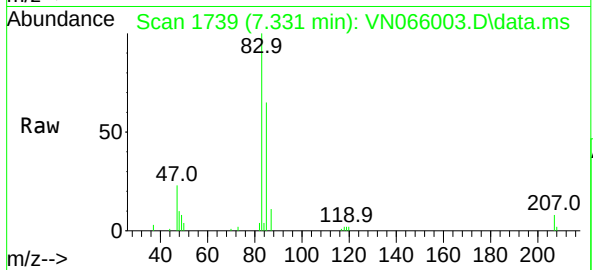
Tgt Ion: 49	Resp: 2525
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.6
130 0.0	67.8 101.6#

Instrument :

MSVOA_N

ClientSampleId :

GW803-20-25-022321-FD



#30

Chloroform

Concen: 12.20 ug/l

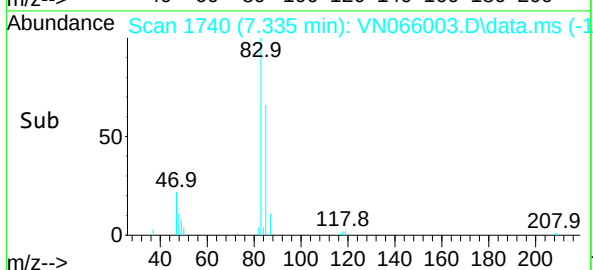
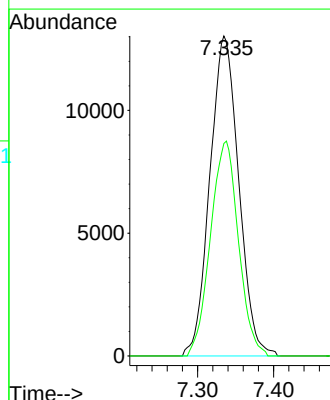
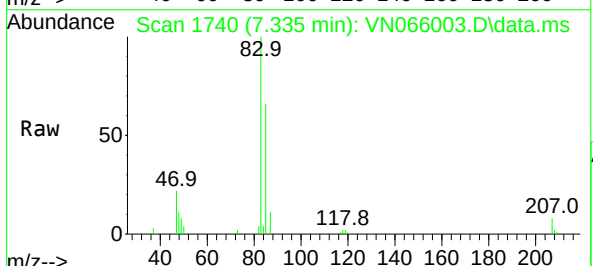
RT: 7.335 min Scan# 1740

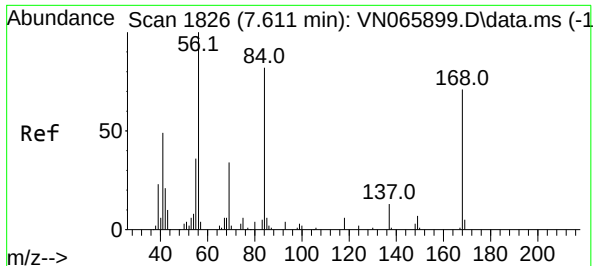
Delta R.T. 0.003 min

Lab File: VN066003.D

Acq: 24 Feb 2021 14:54

Tgt Ion: 83	Resp: 34377
Ion Ratio	Lower Upper
83 100	
85 66.4	52.6 78.8





#31

Cyclohexane

Concen: 0.93 ug/l

RT: 7.627 min Scan# 1831

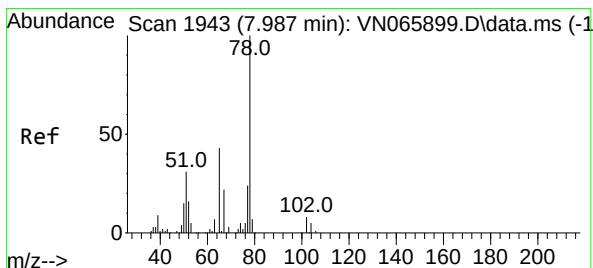
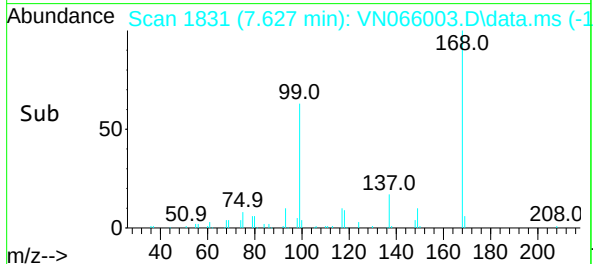
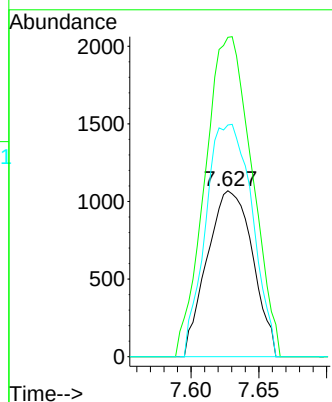
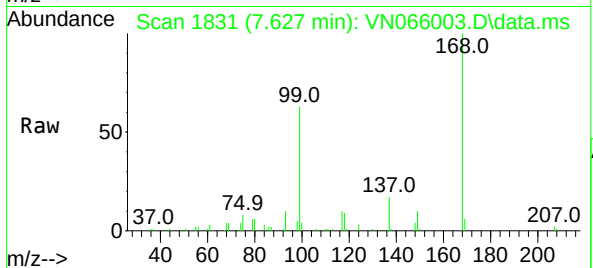
Delta R.T. 0.016 min

Lab File: VN066003.D

Acq: 24 Feb 2021 14:54

Tgt Ion:	56	Resp:	2501
Ion	Ratio	Lower	Upper
56	100		
69	192.5	26.6	39.8#
84	139.7	70.4	105.6#

Instrument :
MSVOA_N
ClientSampleId :
GW803-20-25-022321-FD



#33

1,2-Dichloroethane-d4

Concen: 47.38 ug/l

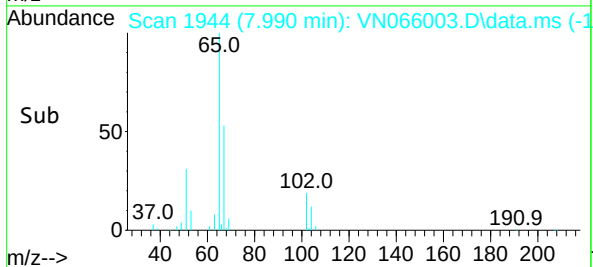
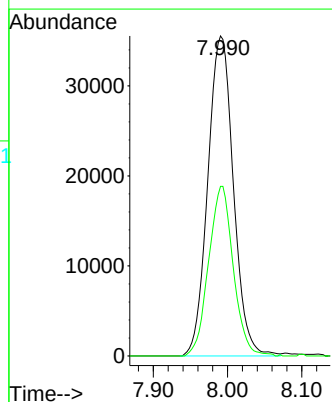
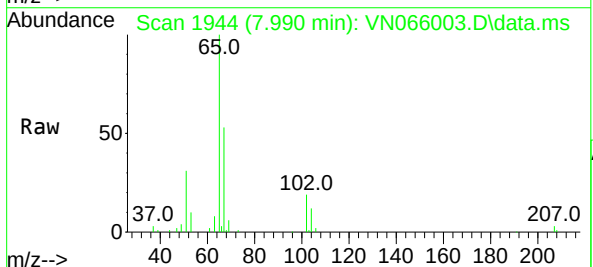
RT: 7.990 min Scan# 1944

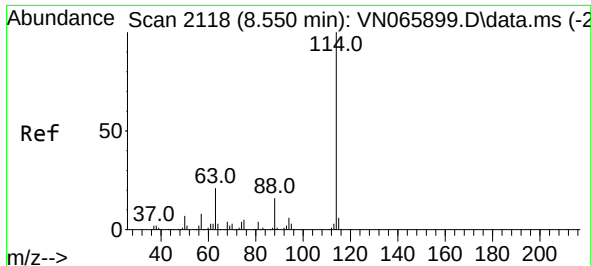
Delta R.T. 0.003 min

Lab File: VN066003.D

Acq: 24 Feb 2021 14:54

Tgt Ion:	65	Resp:	85253
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	107.2

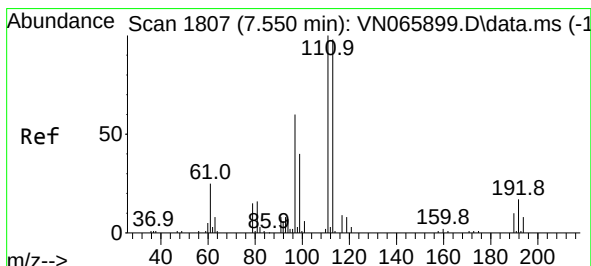
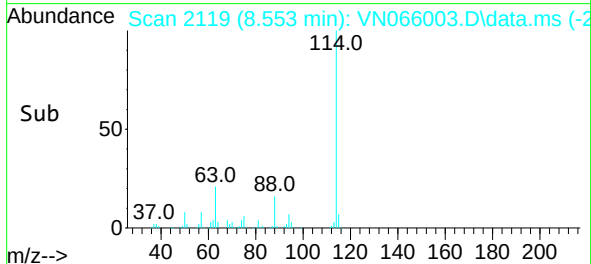
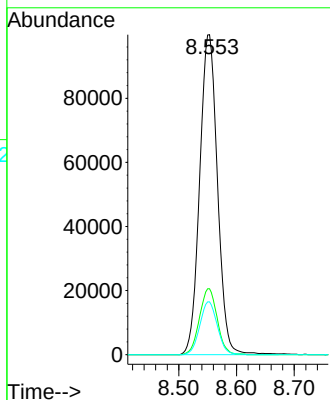
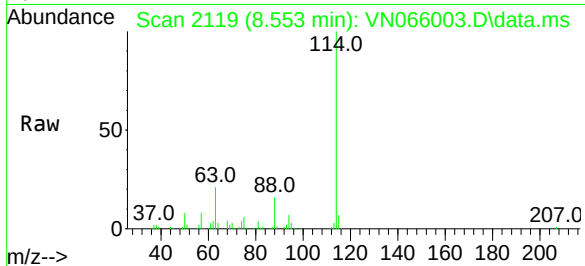




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

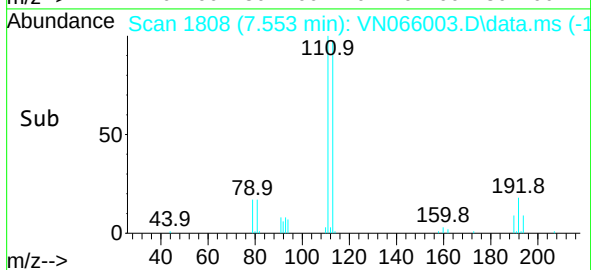
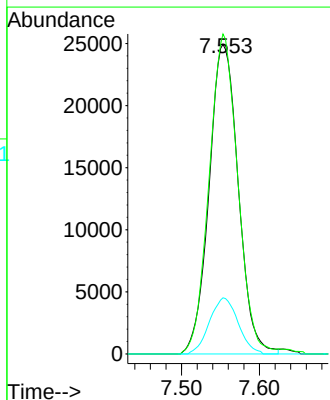
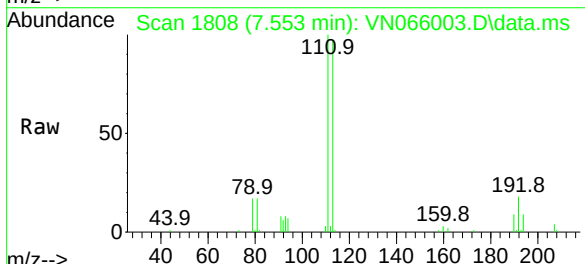
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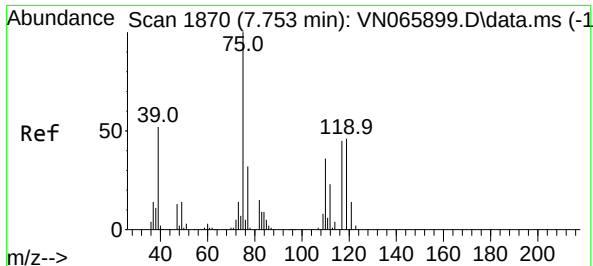
Tgt Ion:114 Resp: 213933
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.94 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

Tgt Ion:113 Resp: 64800
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 17.8 15.4 23.0

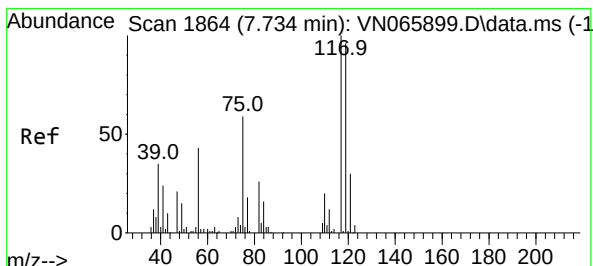
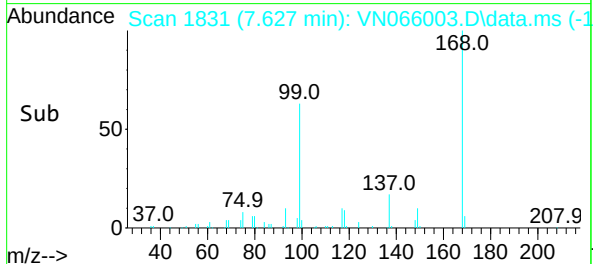
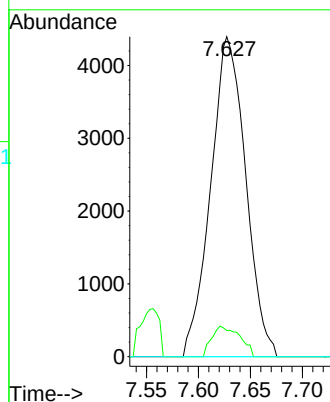
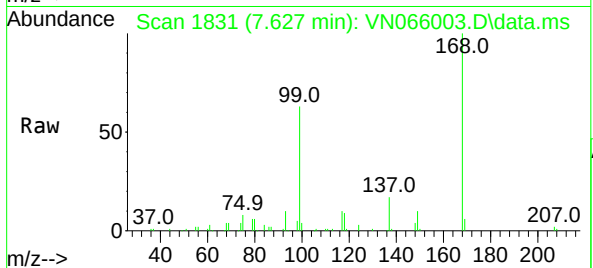




#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

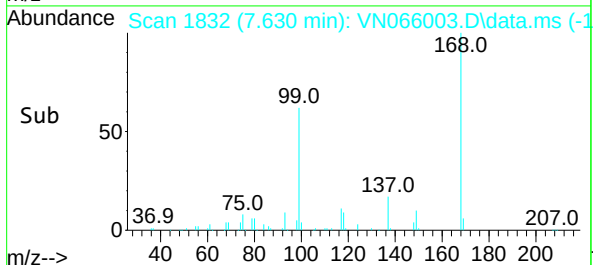
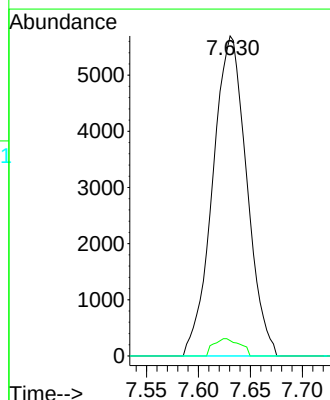
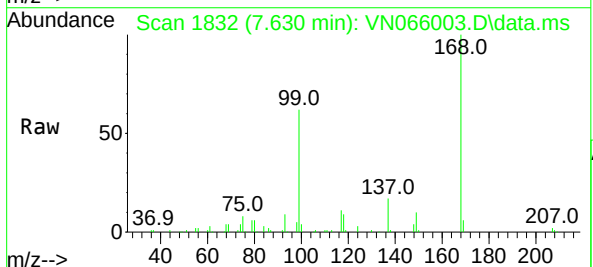
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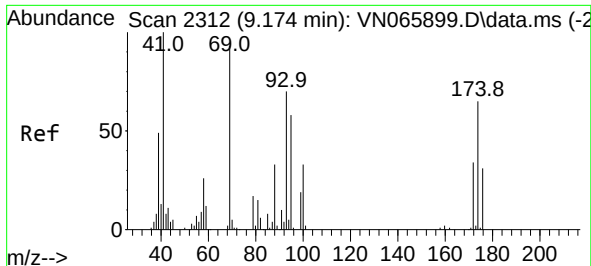
Tgt Ion: 75 Resp: 10290
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

Tgt Ion: 117 Resp: 12987
Ion Ratio Lower Upper
117 100
119 4.8 76.0 114.0#
121 0.0 24.5 36.7#

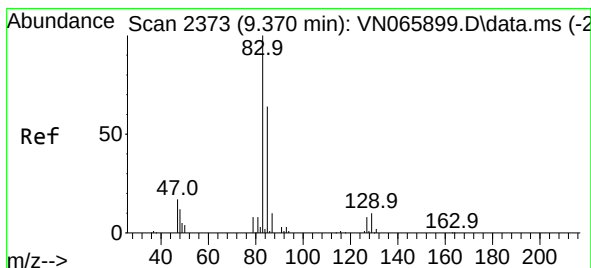
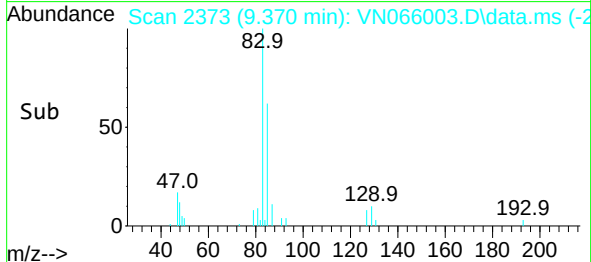
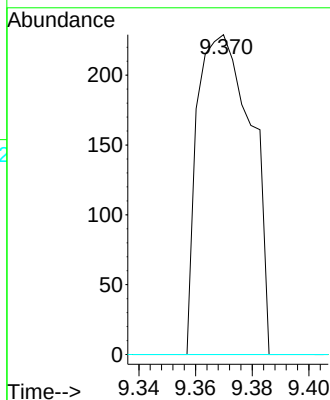
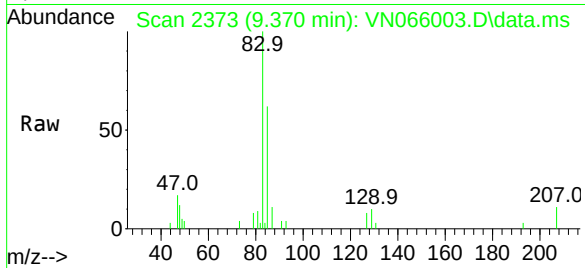




#46
Dibromomethane
Concen: 0.30 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. 0.196 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

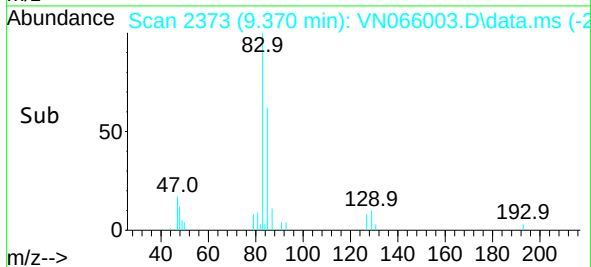
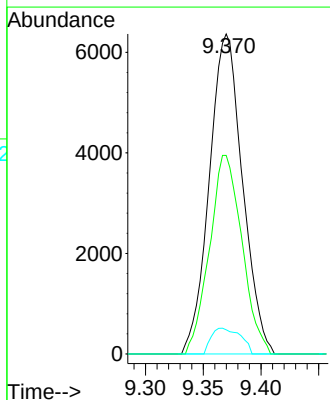
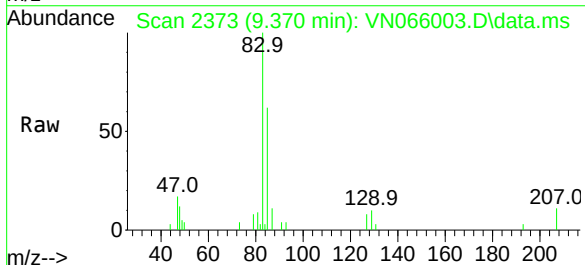
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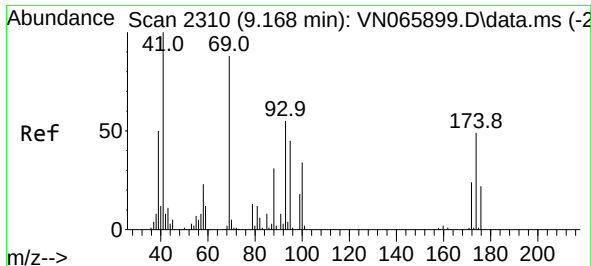
Tgt Ion: 93 Resp: 301
Ion Ratio Lower Upper
93 100
95 0.0 67.0 100.6#
174 0.0 83.2 124.8#



#47
Bromodichloromethane
Concen: 6.18 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

Tgt Ion: 83 Resp: 12712
Ion Ratio Lower Upper
83 100
85 62.0 51.0 76.4
127 7.6 7.0 10.6





#48

Methyl methacrylate

Concen: 0.35 ug/l

RT: 9.132 min Scan# 2299

Delta R.T. -0.036 min

Lab File: VN066003.D

Acq: 24 Feb 2021 14:54

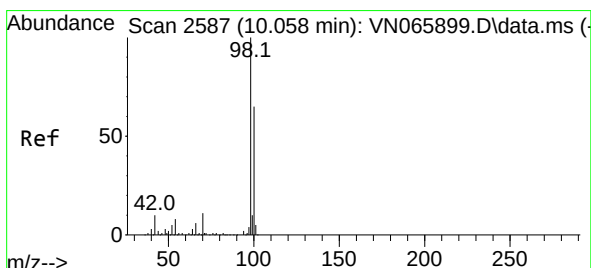
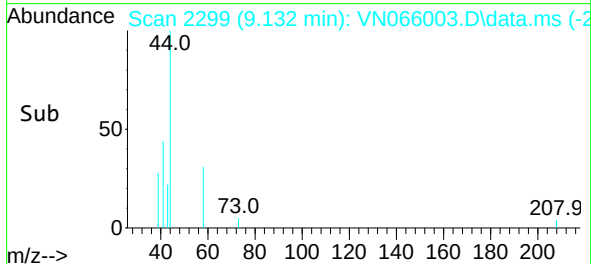
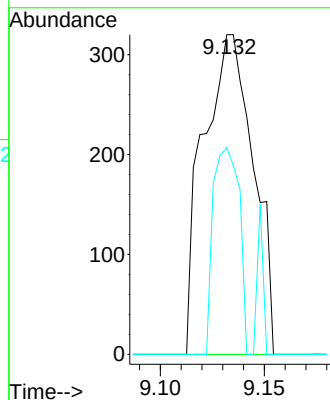
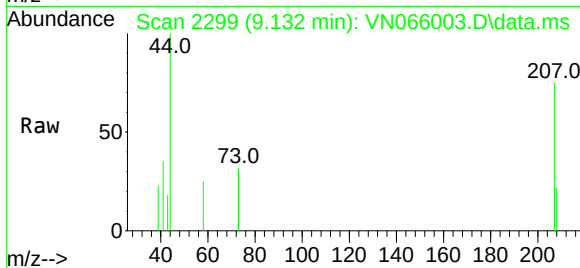
Tgt Ion:	41	Resp:	536
Ion Ratio	Lower	Upper	
41	100		
69	0.0	75.9	113.9#
39	33.6	46.6	69.8#

Instrument :

MSVOA_N

ClientSampleId :

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#50

Toluene-d8

Concen: 47.40 ug/l

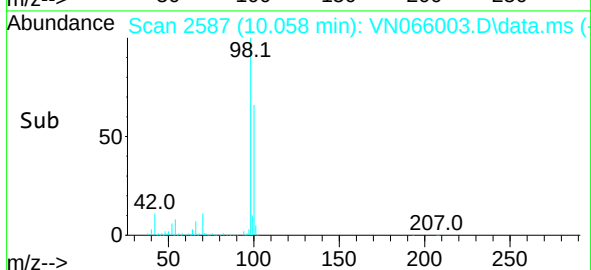
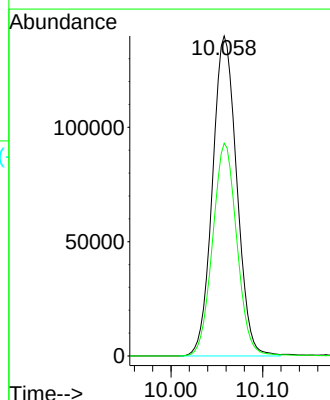
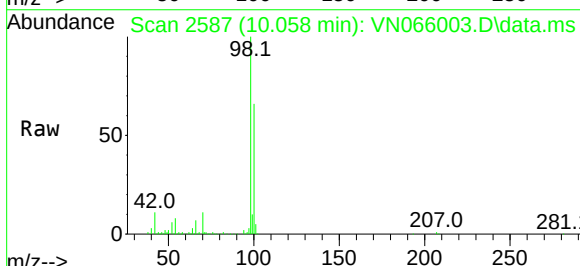
RT: 10.058 min Scan# 2587

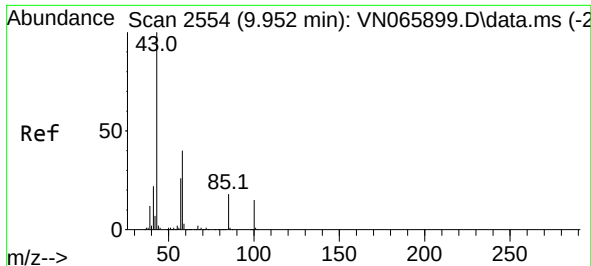
Delta R.T. -0.000 min

Lab File: VN066003.D

Acq: 24 Feb 2021 14:54

Tgt Ion:	98	Resp:	257640
Ion Ratio	Lower	Upper	
98	100		
100	66.4	50.5	75.7

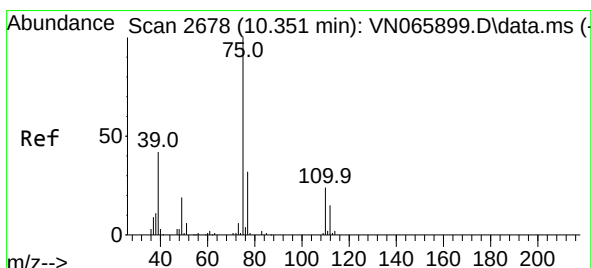
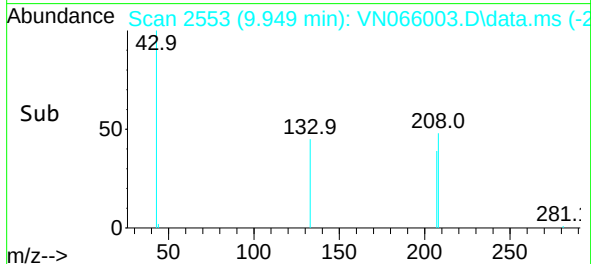
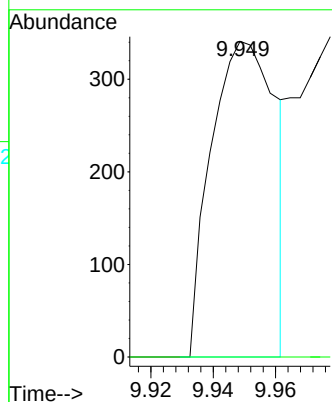
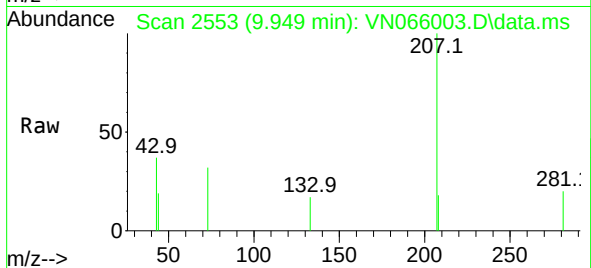




#51
4-Methyl-2-Pentanone
Concen: 0.26 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.003 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

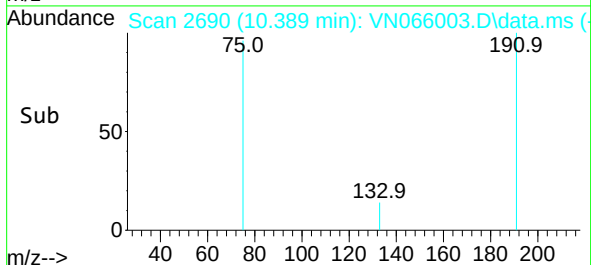
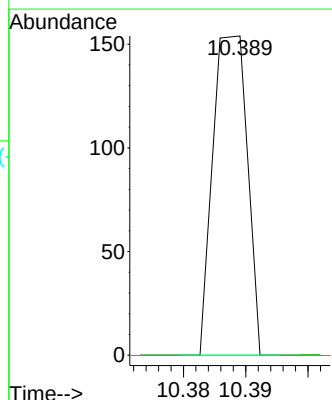
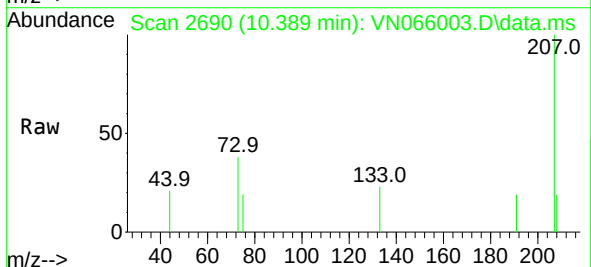
Instrument :
MSVOA_N
ClientSampleId :
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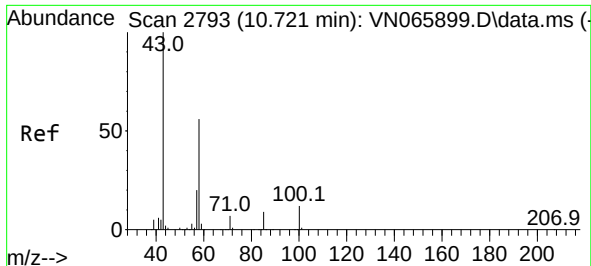
Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
58 0.0 32.5 48.7#



#53
t-1,3-Dichloropropene
Concen: 2.00 ug/l
RT: 10.389 min Scan# 2690
Delta R.T. 0.038 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#

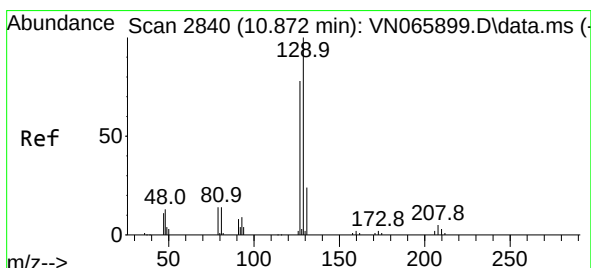
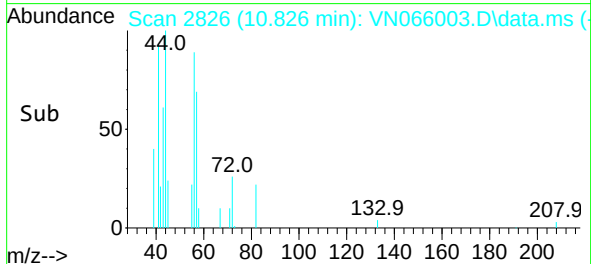
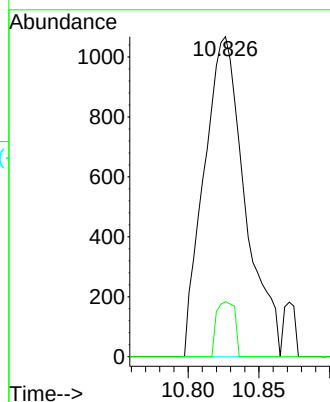
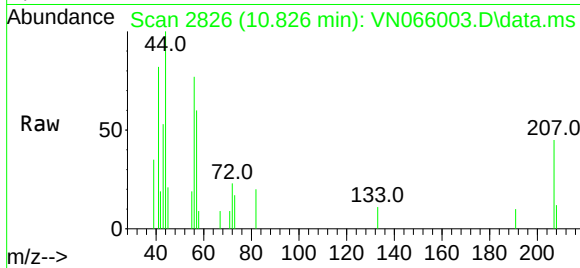




#59
2-Hexanone
Concen: 1.63 ug/l
RT: 10.826 min Scan# 2826
Delta R.T. 0.105 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

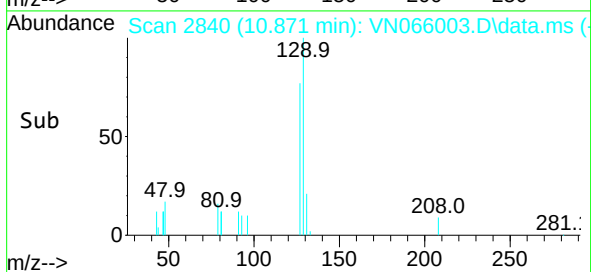
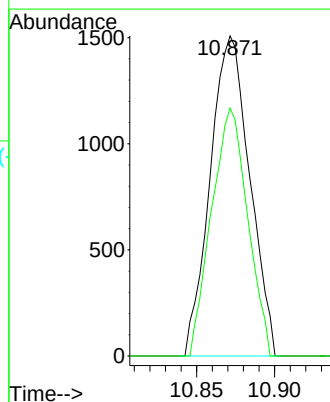
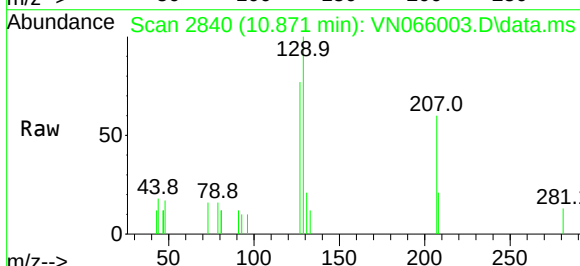
Instrument :
MSVOA_N
ClientSampleId :
GW803-20-25-022321-FD

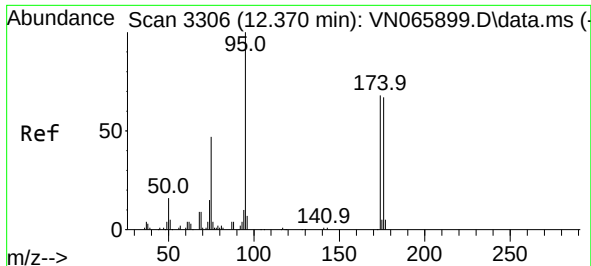
Tgt Ion: 43 Resp: 2148
Ion Ratio Lower Upper
43 100
58 7.7 28.1 84.3#



#60
Dibromochloromethane
Concen: 1.75 ug/l
RT: 10.871 min Scan# 2840
Delta R.T. -0.001 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

Tgt Ion: 129 Resp: 2658
Ion Ratio Lower Upper
129 100
127 70.6 38.5 115.5

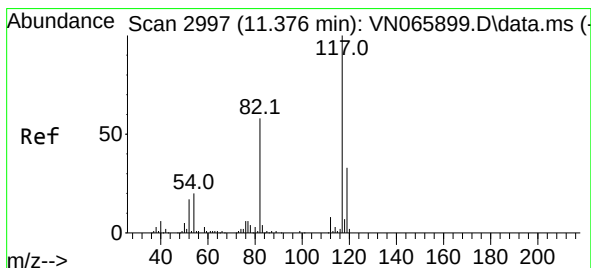
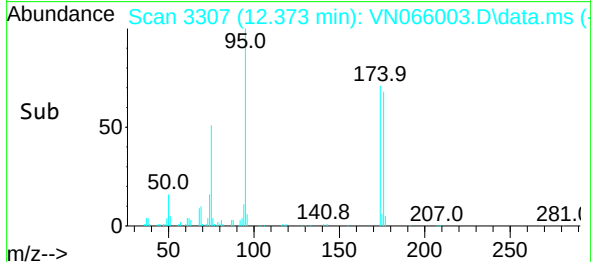
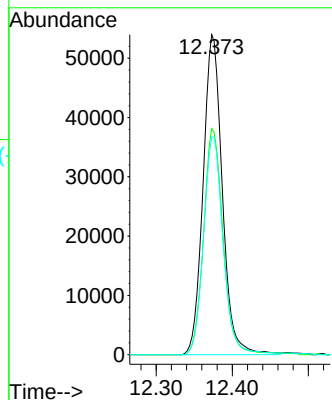
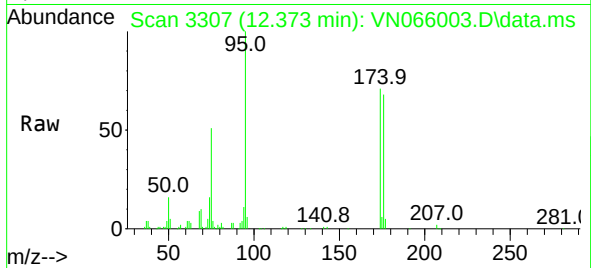




#62
4-Bromofluorobenzene
Concen: 46.37 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

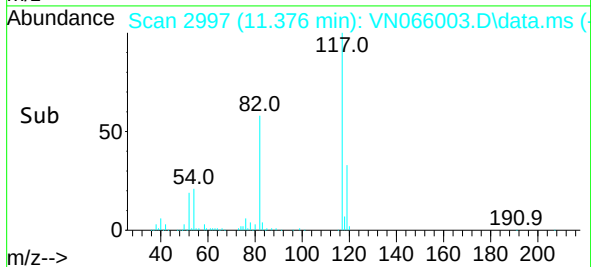
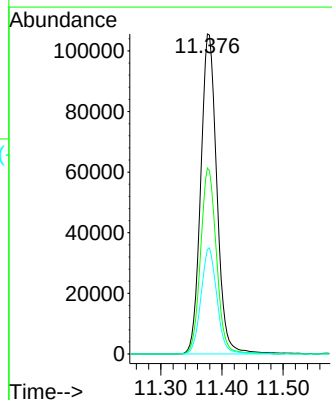
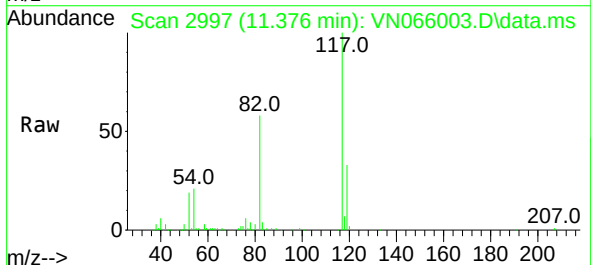
Instrument :
MSVOA_N
ClientSampleId :
GW803-20-25-022321-FD

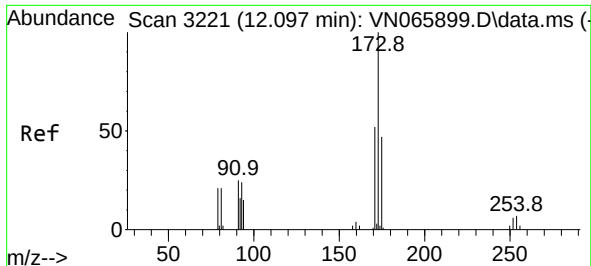
Tgt Ion: 95 Resp: 94617
Ion Ratio Lower Upper
95 100
174 71.2 0.0 169.0
176 69.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

Tgt Ion:117 Resp: 193442
Ion Ratio Lower Upper
117 100
82 58.1 43.7 65.5
119 32.7 26.1 39.1

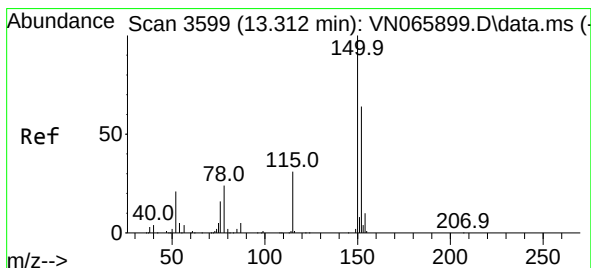
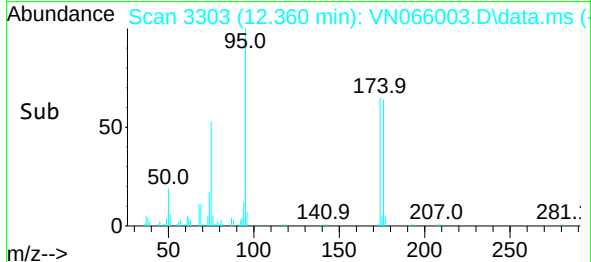
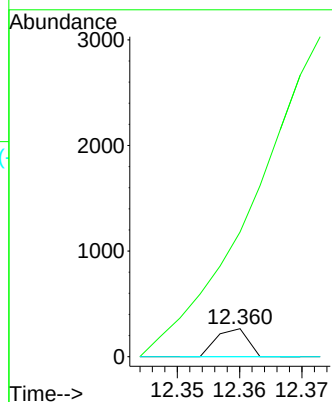
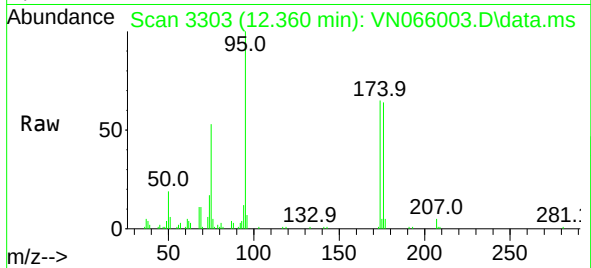




#71
Bromoform
Concen: 2.58 ug/l
RT: 12.360 min Scan# 3303
Delta R.T. 0.263 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

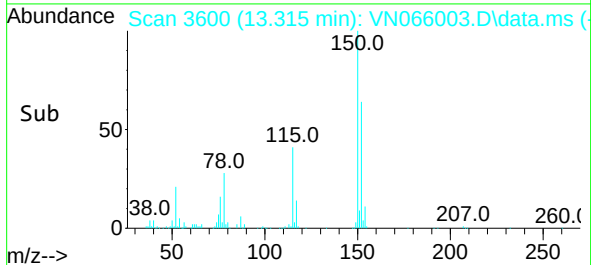
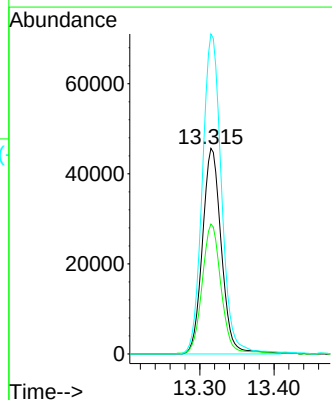
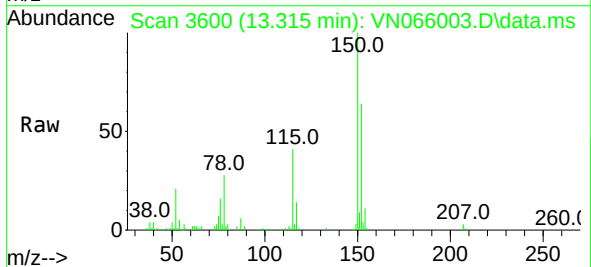
Instrument :
MSVOA_N
ClientSampleId :
GW803-20-25-022321-FD

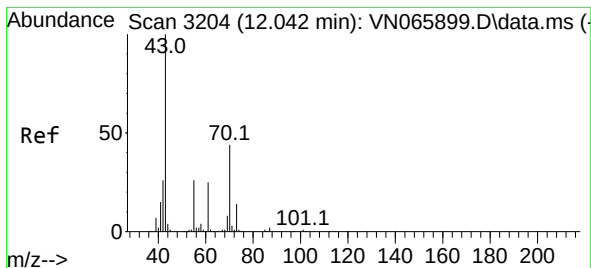
Tgt Ion:173 Resp: 93
Ion Ratio Lower Upper
173 100
175 4232.3 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

Tgt Ion:152 Resp: 80681
Ion Ratio Lower Upper
152 100
115 63.6 28.5 85.6
150 158.5 0.0 347.6





#74

N-amy1 acetate

Concen: 1.02 ug/l

RT: 12.112 min Scan# 3226

Delta R.T. 0.070 min

Lab File: VN066003.D

Acq: 24 Feb 2021 14:54

Tgt Ion: 43 Resp: 2320

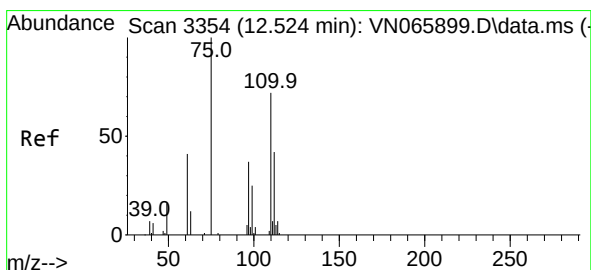
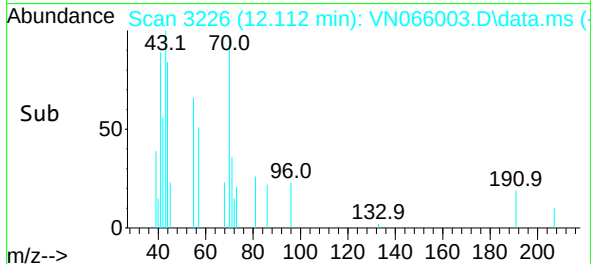
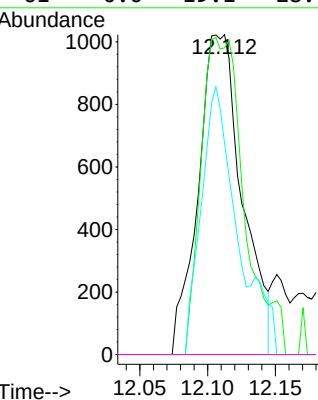
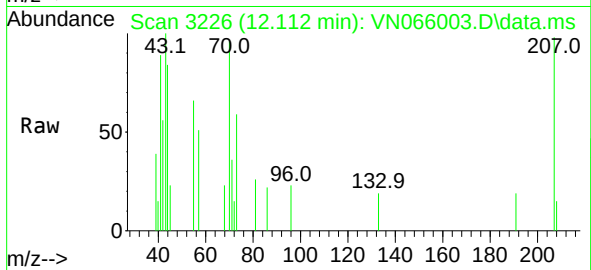
Ion Ratio Lower Upper

43 100

70 97.1 34.4 51.6#

55 60.6 20.7 31.1#

61 0.0 19.1 28.7#



#76

1,2,3-Trichloropropane

Concen: 25.19 ug/l

RT: 12.373 min Scan# 3307

Delta R.T. -0.151 min

Lab File: VN066003.D

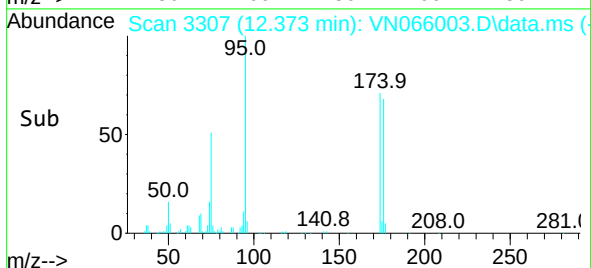
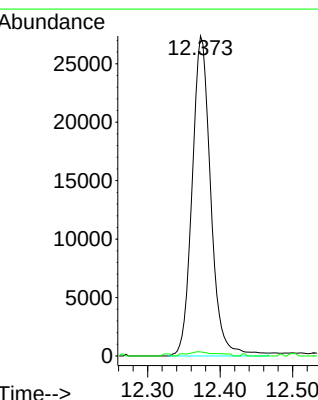
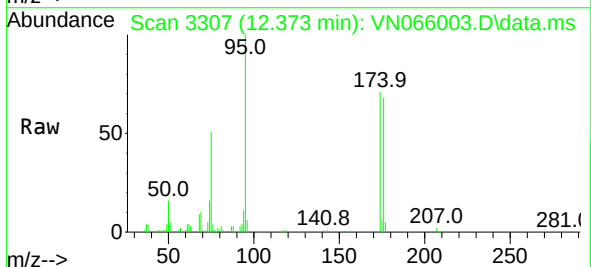
Acq: 24 Feb 2021 14:54

Tgt Ion: 75 Resp: 48816

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#

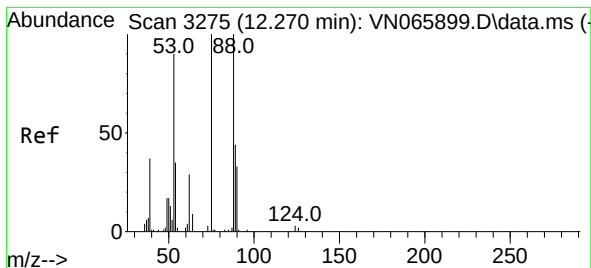


Instrument :

MSVOA_N

ClientSampleId :

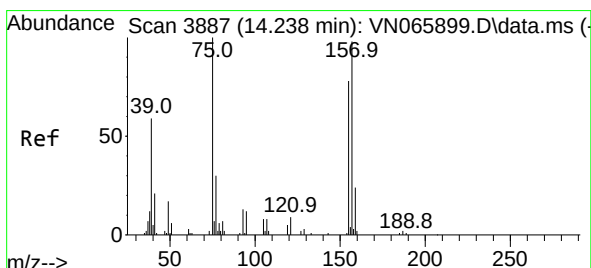
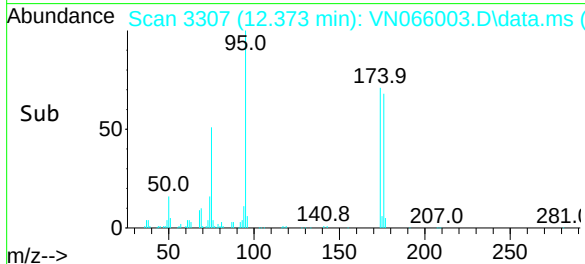
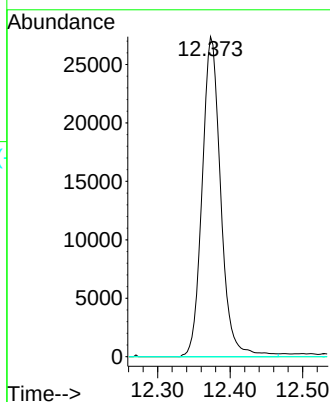
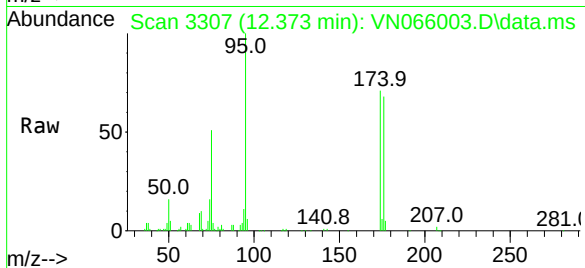
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#81
trans-1,4-Dichloro-2-butene
Concen: 80.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

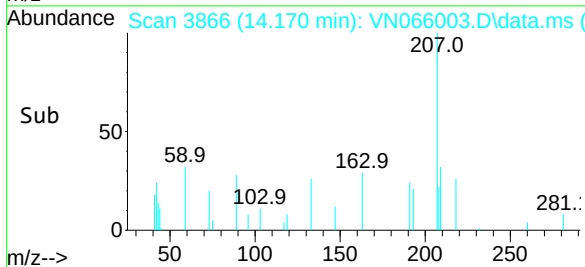
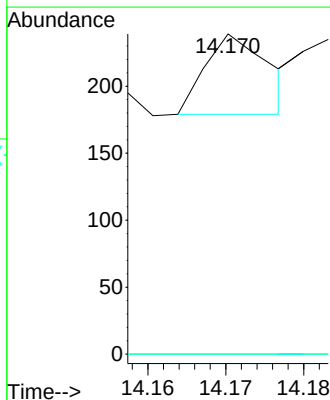
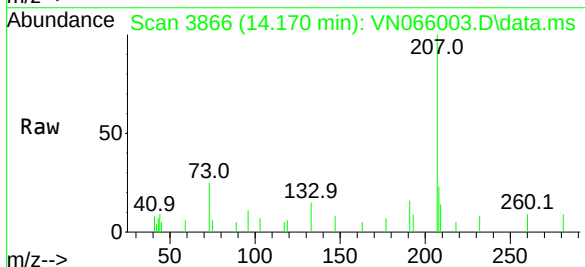
Instrument :
MSVOA_N
ClientSampleId :
GW803-20-25-022321-FD

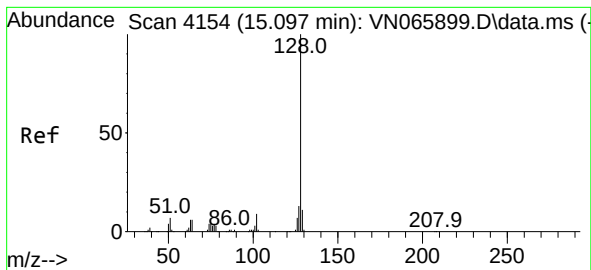
Tgt Ion: 75 Resp: 48816
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.93 ug/l
RT: 14.170 min Scan# 3866
Delta R.T. -0.068 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

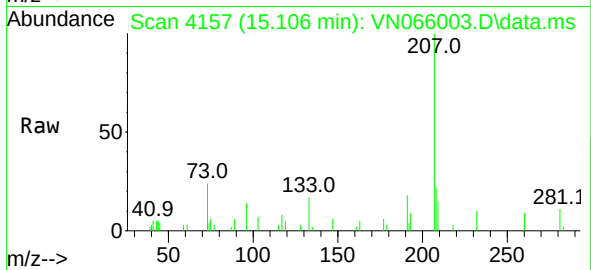
Tgt Ion: 75 Resp: 34
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.09 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.009 min
Lab File: VN066003.D
Acq: 24 Feb 2021 14:54

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:	128	Resp:	166
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

