

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066080.D
 Acq On : 1 Mar 2021 16:17
 Operator : JC/MD
 Sample : M1519-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW806-15-20-022621

Quant Time: Mar 01 21:43:47 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)

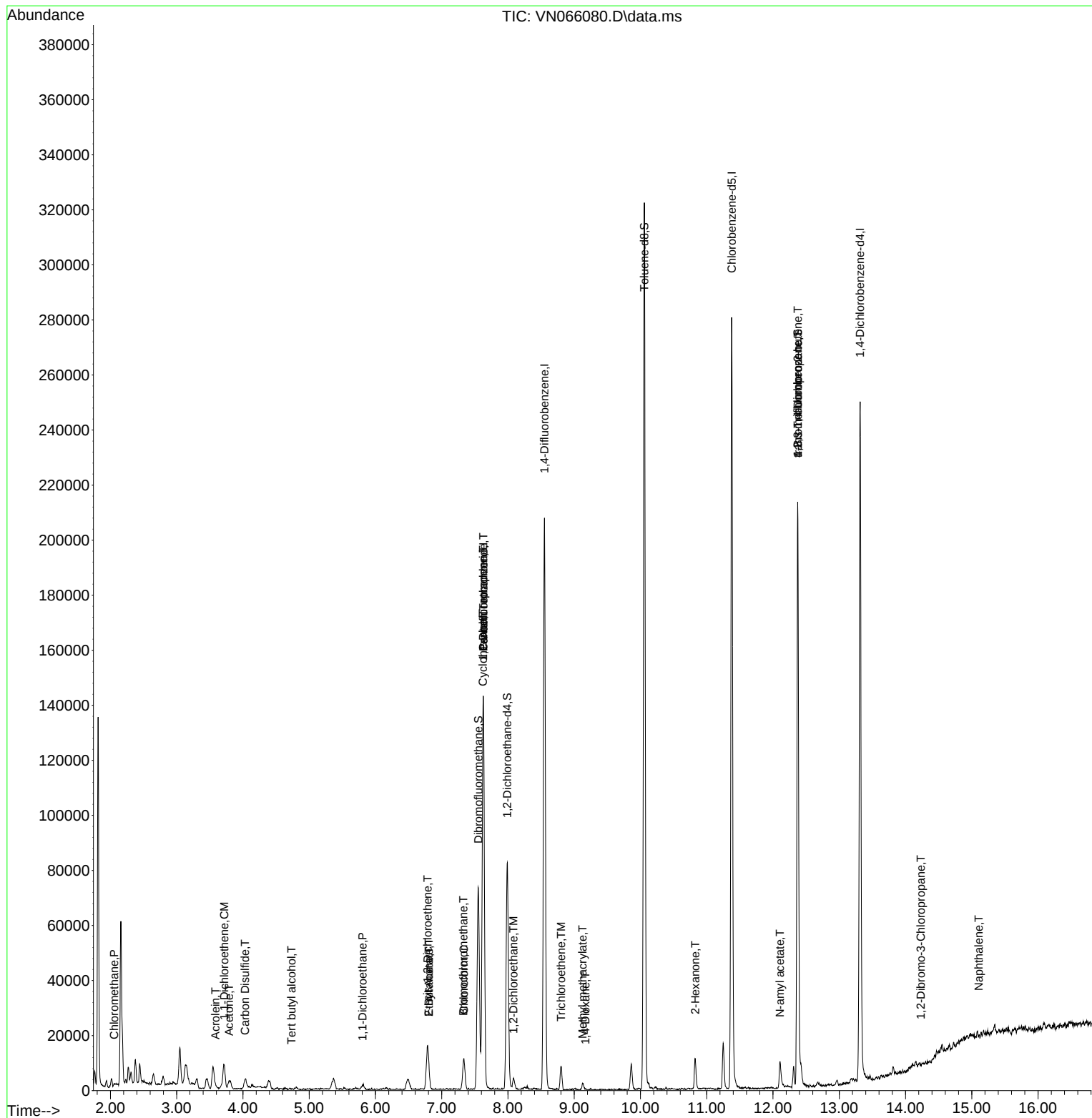
Internal Standards						
1) Pentafluorobenzene	7.627	168	115161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	187662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	168693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	71564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	78695	48.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.74%		
35) Dibromofluoromethane	7.553	113	57242	49.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.58%		
50) Toluene-d8	10.058	98	229397	48.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.24%		
62) 4-Bromofluorobenzene	12.373	95	83609	46.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.44%		
Target Compounds					Qvalue	
3) Chloromethane	2.055	50	783	0.41	ug/l #	87
11) Tert butyl alcohol	4.733	59	120	0.54	ug/l #	73
12) 1,1-Dichloroethene	3.717	96	4932	3.81	ug/l	86
13) Acrolein	3.586	56	1024	5.00	ug/l	91
16) Acetone	3.791	43	5271	8.87	ug/l	98
17) Carbon Disulfide	4.033	76	3138	0.85	ug/l #	74
24) 1,1-Dichloroethane	5.804	63	1299	0.51	ug/l #	82
25) 2-Butanone	6.804	43	921	1.16	ug/l #	46
27) cis-1,2-Dichloroethene	6.788	96	10276	6.64	ug/l	93
28) Bromochloromethane	7.328	49	794	0.68	ug/l #	9
30) Chloroform	7.335	83	11772	4.67	ug/l	97
31) Cyclohexane	7.621	56	1112	0.46	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	9171	4.96	ug/l #	49
37) Ethyl Acetate	6.804	43	921	0.55	ug/l #	1
38) Carbon Tetrachloride	7.627	117	11786	6.85	ug/l #	16
42) 1,2-Dichloroethane	8.084	62	3505	1.88	ug/l #	74
44) Trichloroethene	8.801	130	3437	2.45	ug/l	91
48) Methyl methacrylate	9.126	41	815	0.60	ug/l #	24
49) 1,4-Dioxane	9.167	88	31	1.35	ug/l #	26
59) 2-Hexanone	10.826	43	2054	1.78	ug/l #	38
74) N-amyl acetate	12.106	43	2540	1.25	ug/l #	24
76) 1,2,3-Trichloropropane	12.373	75	43151	25.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	43151	79.99	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.232	75	164	1.32	ug/l #	1
95) Naphthalene	15.106	128	159	3.09	ug/l #	69

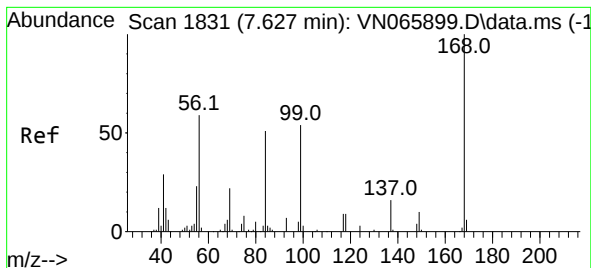
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. 0.000 min

Lab File: VN066080.D

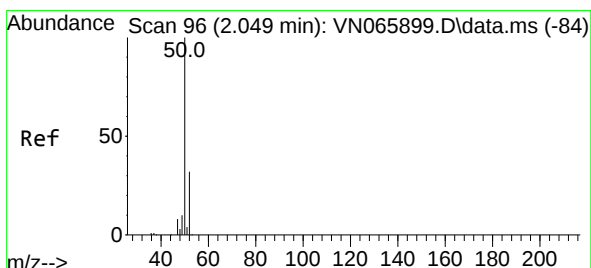
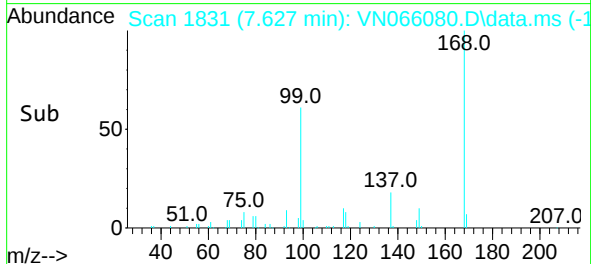
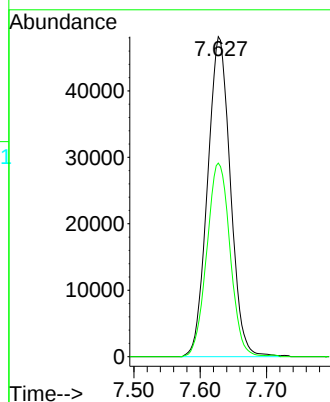
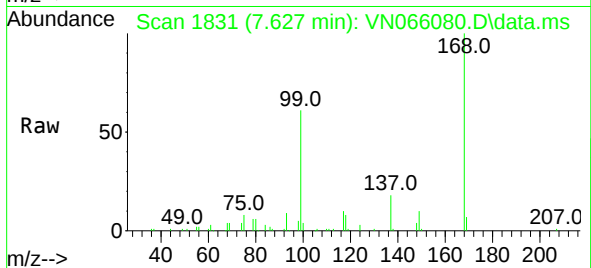
Acq: 1 Mar 2021 16:17

Tgt Ion:168 Resp: 115161

Ion Ratio Lower Upper

168 100

99 60.5 42.6 63.8



#3

Chloromethane

Concen: 0.41 ug/l

RT: 2.055 min Scan# 98

Delta R.T. 0.006 min

Lab File: VN066080.D

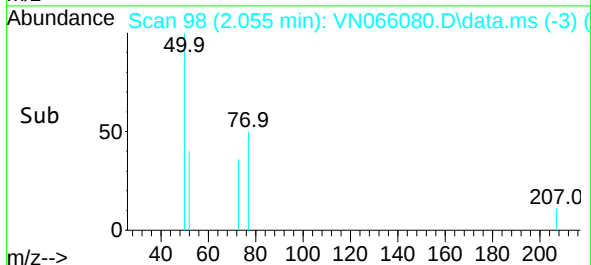
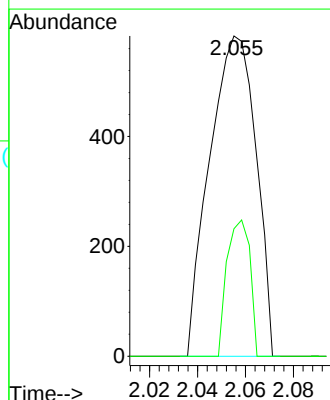
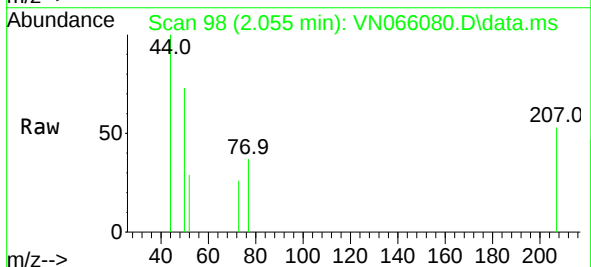
Acq: 1 Mar 2021 16:17

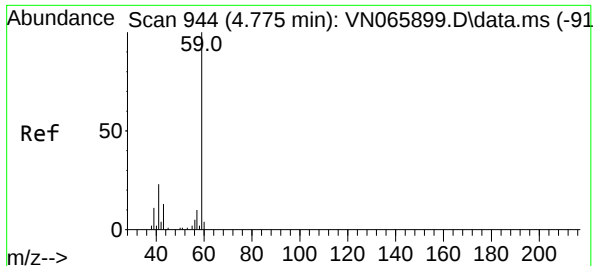
Tgt Ion: 50 Resp: 783

Ion Ratio Lower Upper

50 100

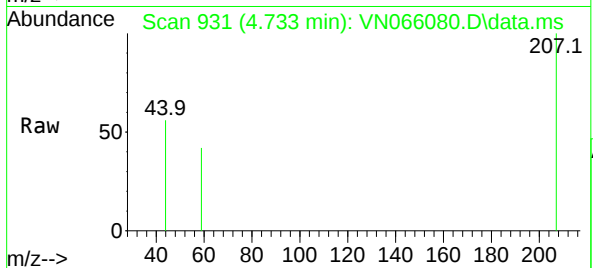
52 39.8 25.8 38.8#



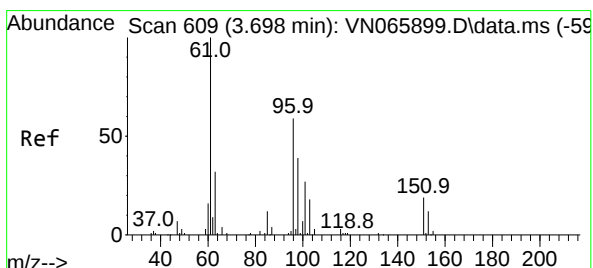
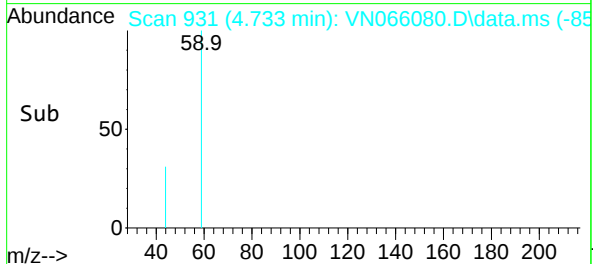
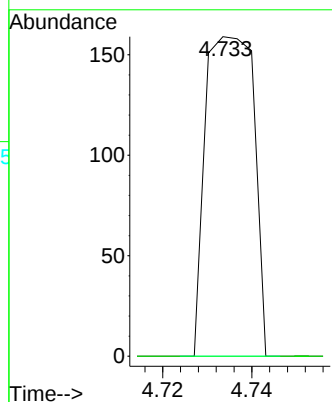


#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 4.733 min Scan# 931
Delta R.T. -0.042 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

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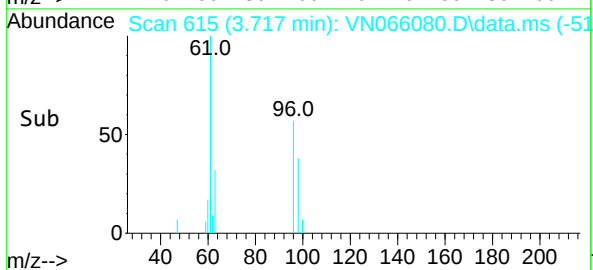
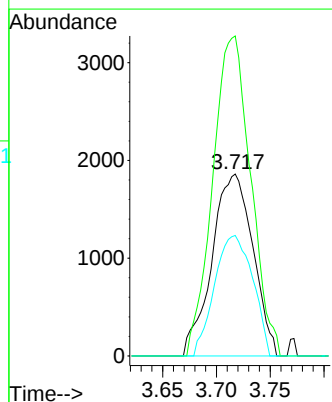
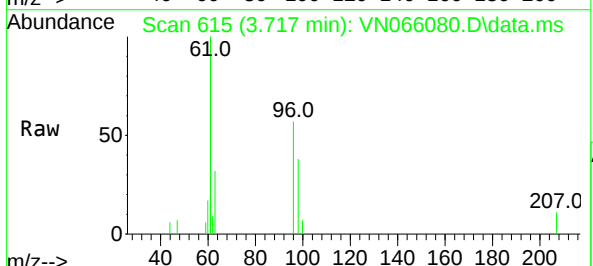


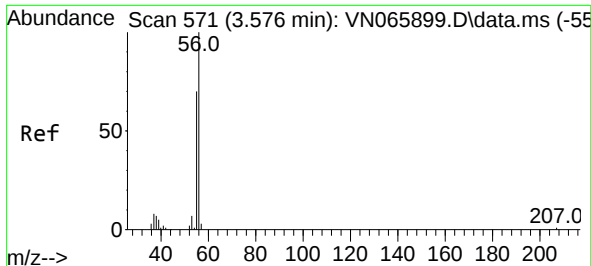
Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 3.81 ug/l
RT: 3.717 min Scan# 615
Delta R.T. 0.019 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

Tgt Ion: 96 Resp: 4932
Ion Ratio Lower Upper
96 100
61 175.9 122.5 183.7
98 66.3 50.8 76.2

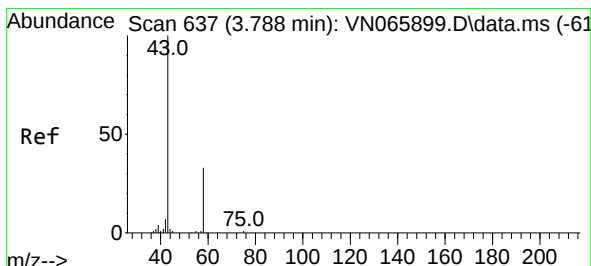
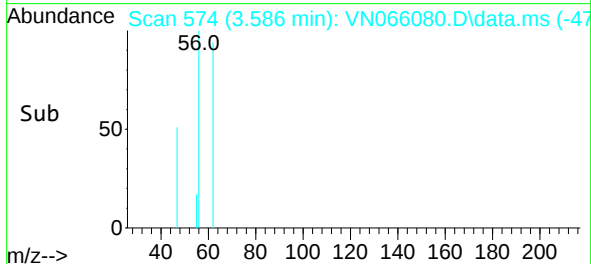
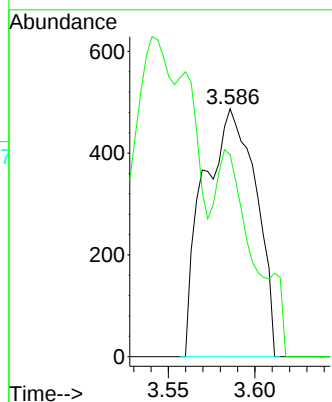
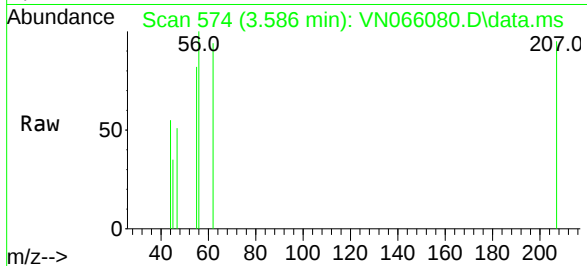




#13
Acrolein
Concen: 5.00 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

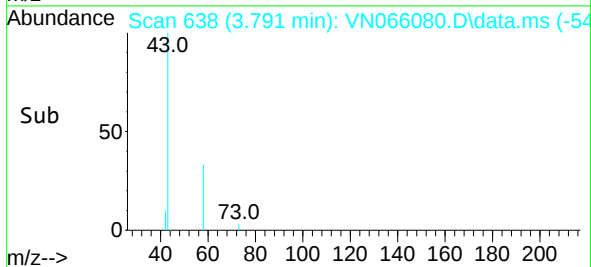
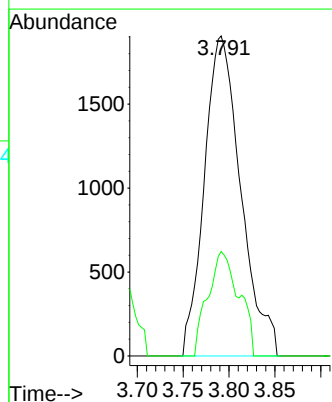
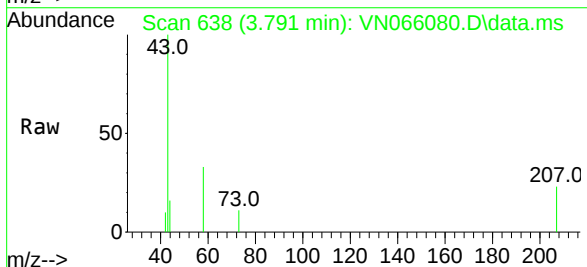
Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621

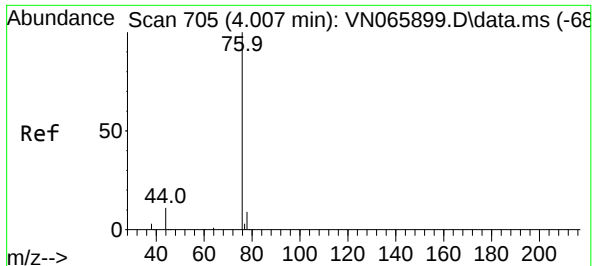
Tgt Ion: 56 Resp: 1024
Ion Ratio Lower Upper
56 100
55 62.4 56.0 84.0



#16
Acetone
Concen: 8.87 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

Tgt Ion: 43 Resp: 5271
Ion Ratio Lower Upper
43 100
58 32.6 27.0 40.6

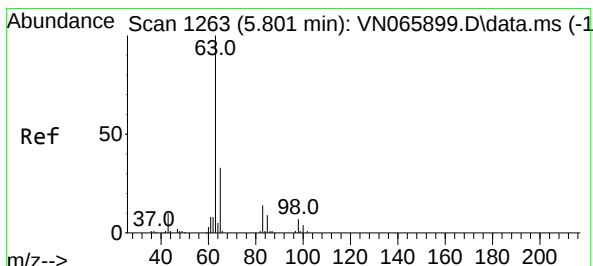
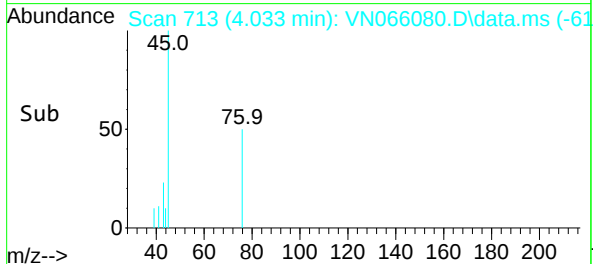
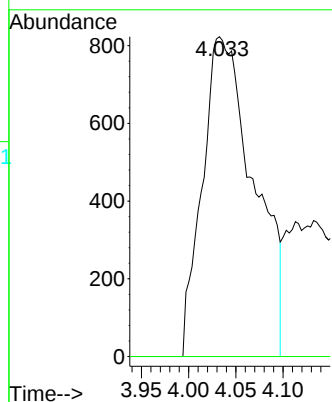
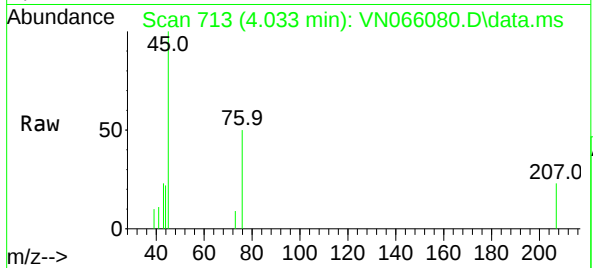




#17
Carbon Disulfide
Concen: 0.85 ug/l
RT: 4.033 min Scan# 713
Delta R.T. 0.026 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

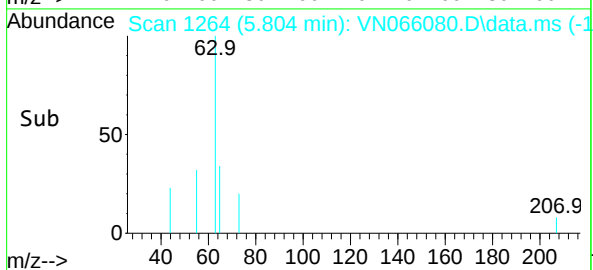
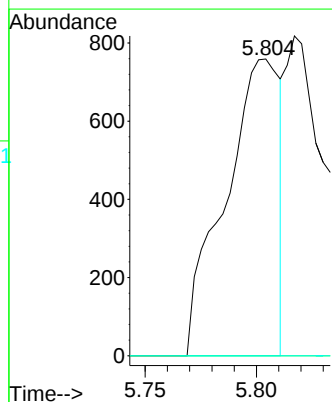
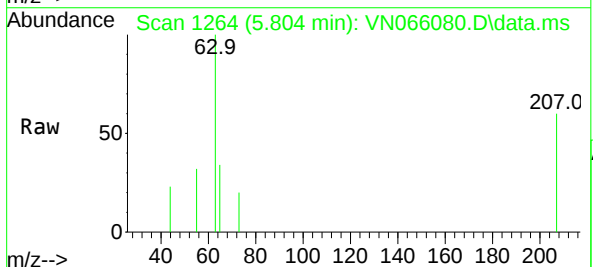
Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621

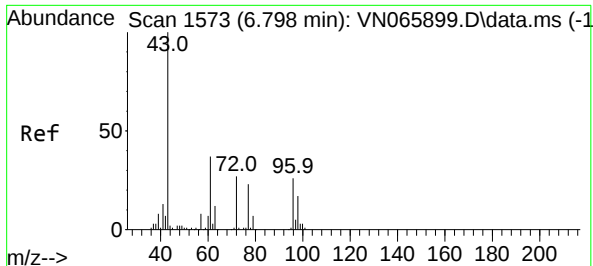
Tgt Ion: 76 Resp: 3138
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#24
1,1-Dichloroethane
Concen: 0.51 ug/l
RT: 5.804 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

Tgt Ion: 63 Resp: 1299
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.9#

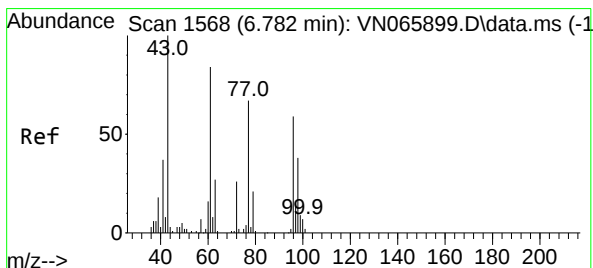
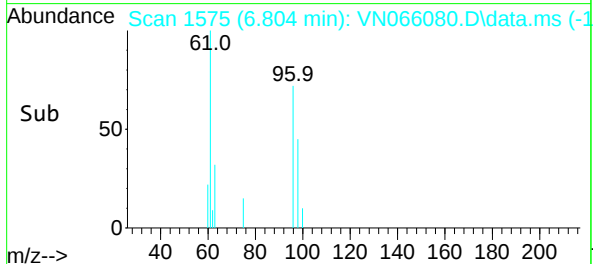
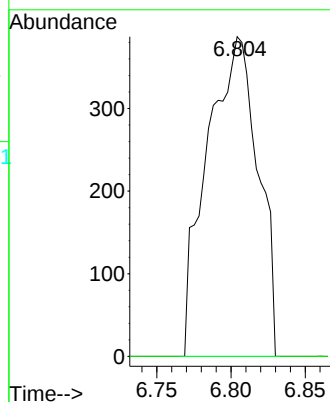
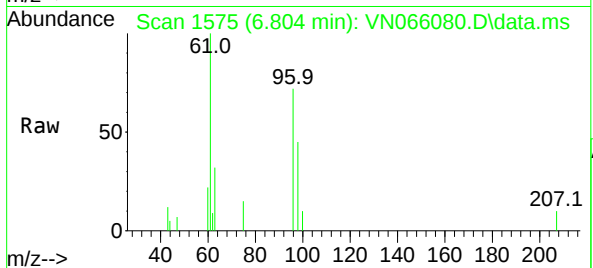




#25
2-Butanone
Concen: 1.16 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

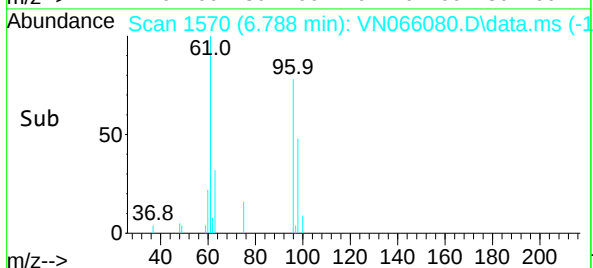
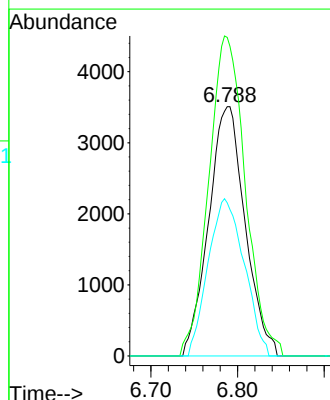
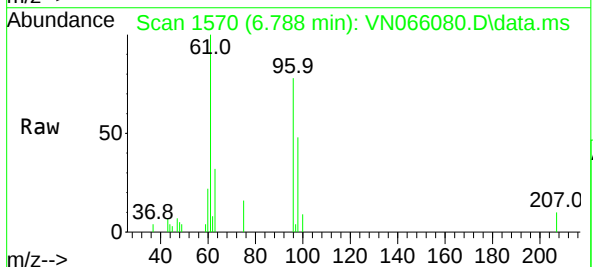
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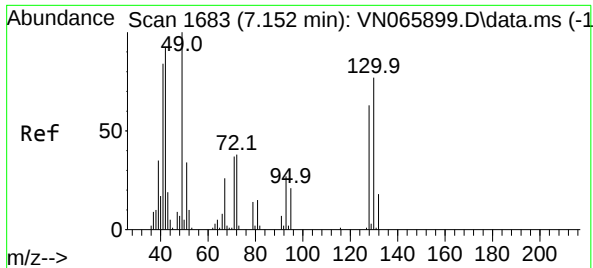
Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#27
cis-1,2-Dichloroethene
Concen: 6.64 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

Tgt Ion: 96 Resp: 10276
Ion Ratio Lower Upper
96 100
61 128.6 0.0 276.8
98 62.3 0.0 129.4

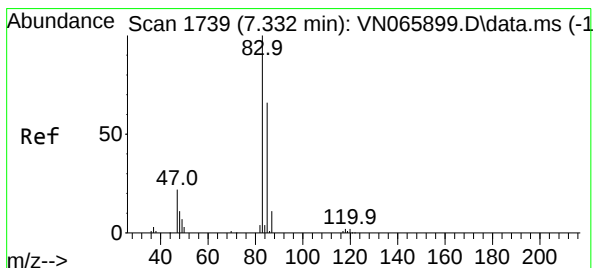
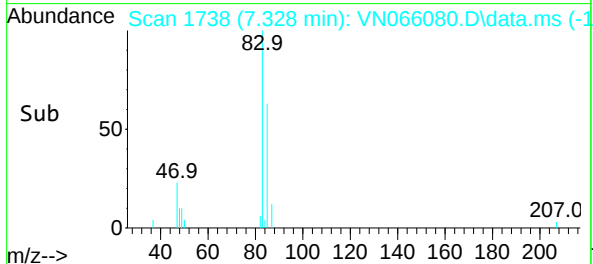
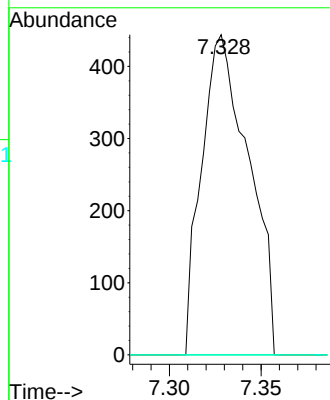
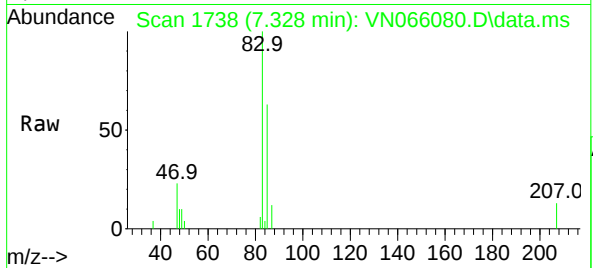




#28
Bromochloromethane
Concen: 0.68 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. 0.176 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

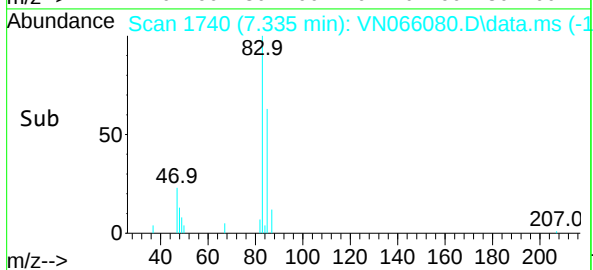
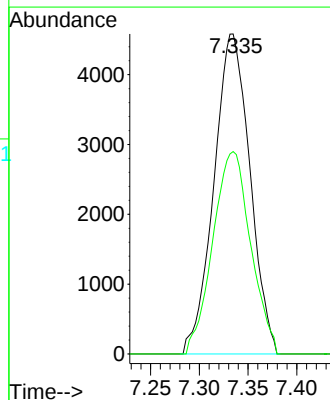
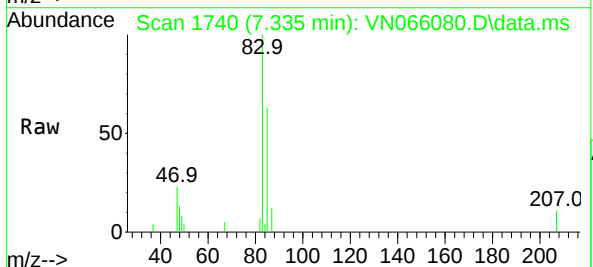
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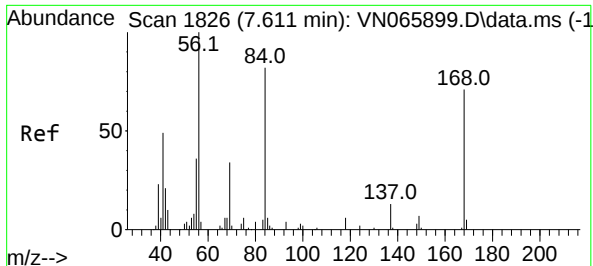
Tgt Ion: 49 Resp: 794
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 67.8 101.6#



#30
Chloroform
Concen: 4.67 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.003 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

Tgt Ion: 83 Resp: 11772
Ion Ratio Lower Upper
83 100
85 63.2 52.6 78.8





#31

Cyclohexane

Concen: 0.46 ug/l

RT: 7.621 min Scan# 1829

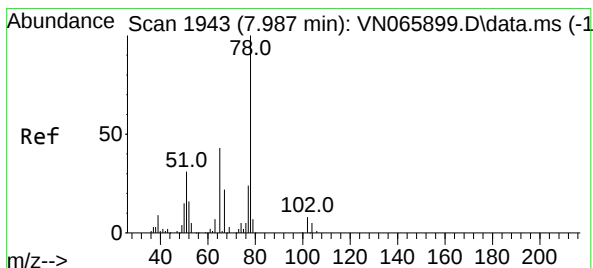
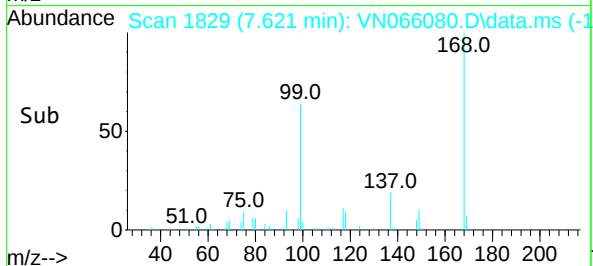
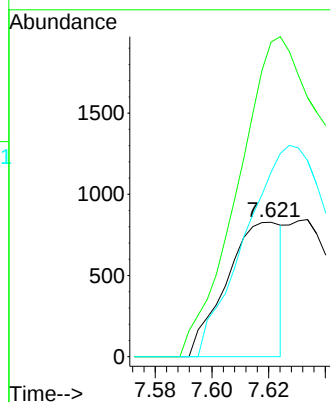
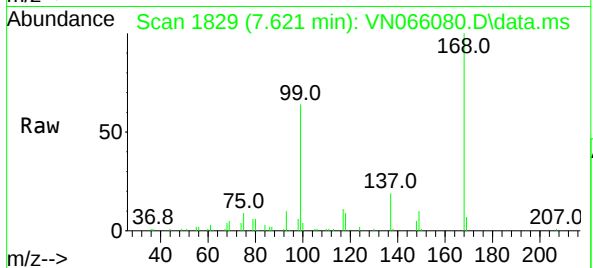
Delta R.T. 0.010 min

Lab File: VN066080.D

Acq: 1 Mar 2021 16:17

Tgt Ion:	56	Resp:	1112
Ion	Ratio	Lower	Upper
56	100		
69	234.1	26.6	39.8#
84	137.2	70.4	105.6#

Instrument :
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#33

1,2-Dichloroethane-d4

Concen: 48.87 ug/l

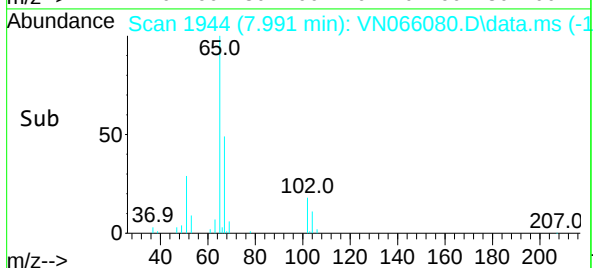
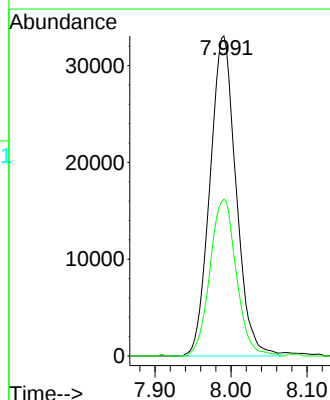
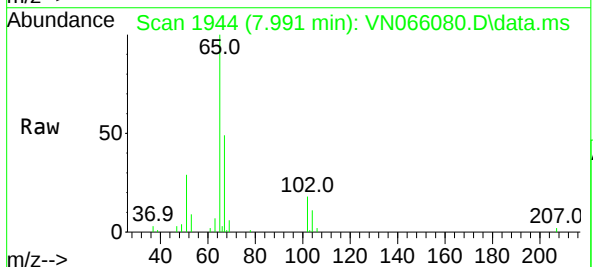
RT: 7.991 min Scan# 1944

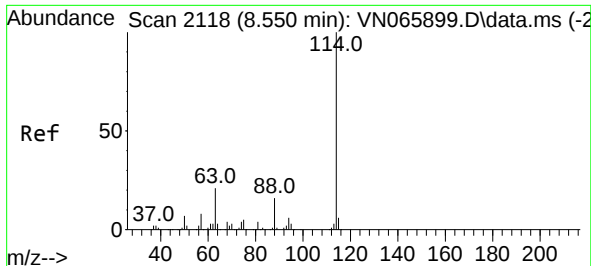
Delta R.T. 0.004 min

Lab File: VN066080.D

Acq: 1 Mar 2021 16:17

Tgt Ion:	65	Resp:	78695
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	107.2

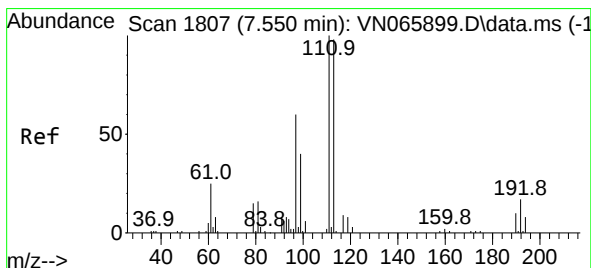
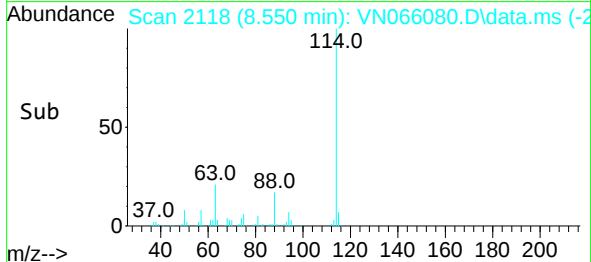
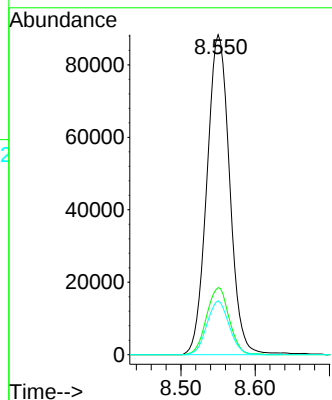
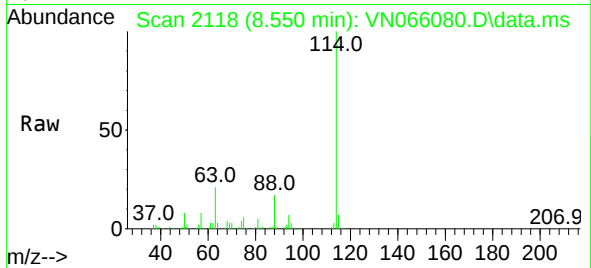




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

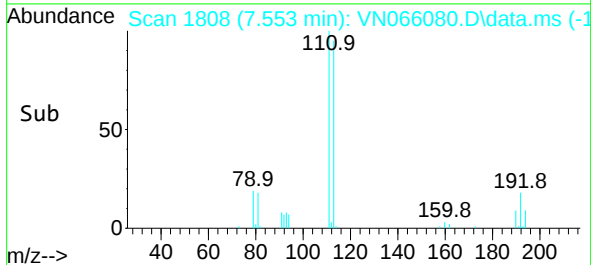
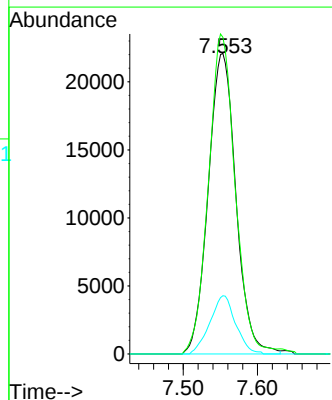
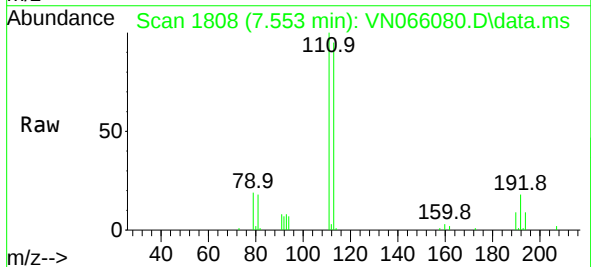
Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621

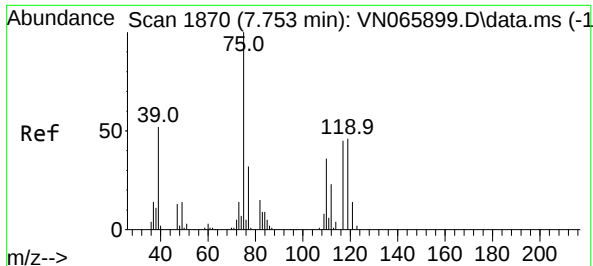
Tgt Ion:	114	Resp:	187662
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	38.6
88	16.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.29 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

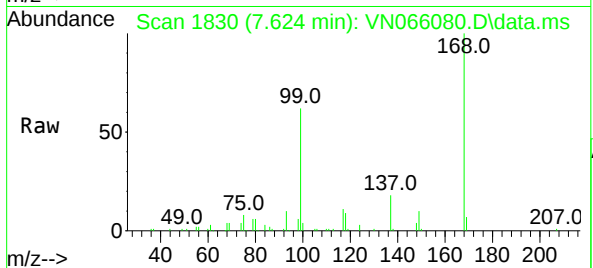
Tgt Ion:	113	Resp:	57242
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.2	123.2
192	18.0	15.4	23.0



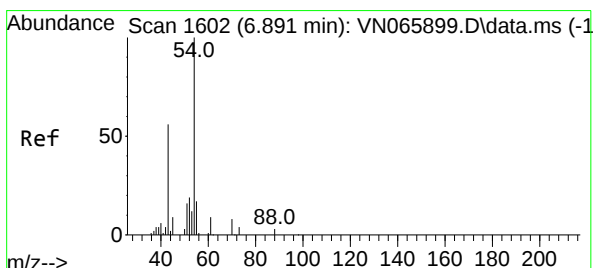
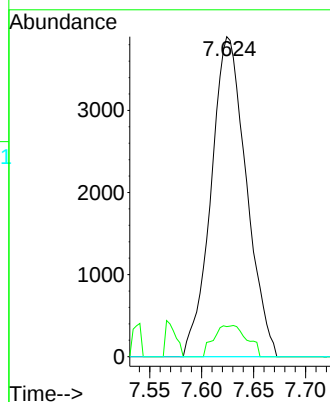
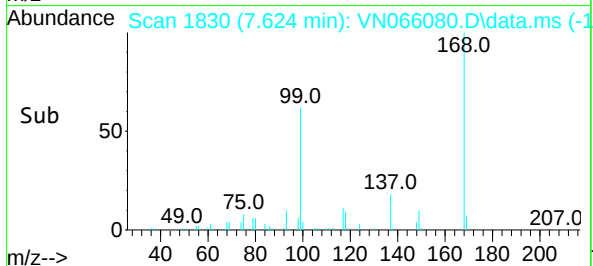


#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

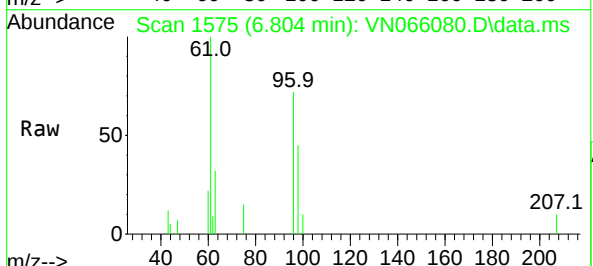
Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621



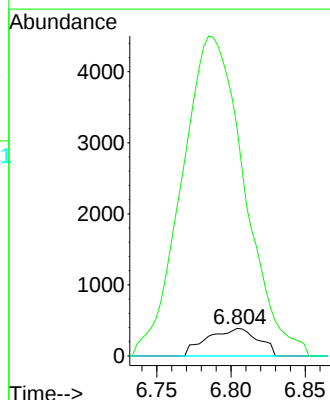
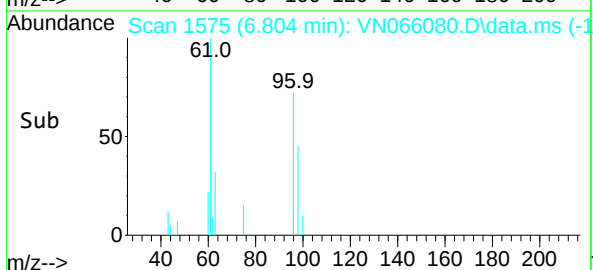
Tgt Ion: 75 Resp: 9171
Ion Ratio Lower Upper
75 100
110 9.2 18.2 54.6#
77 0.0 24.9 37.3#

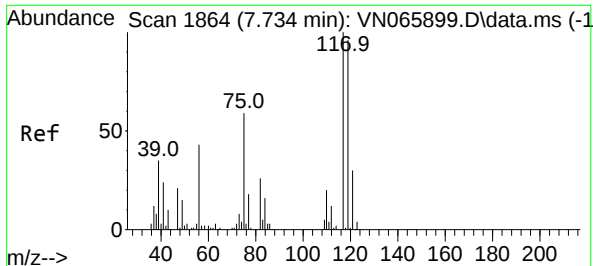


#37
Ethyl Acetate
Concen: 0.55 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. -0.087 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17



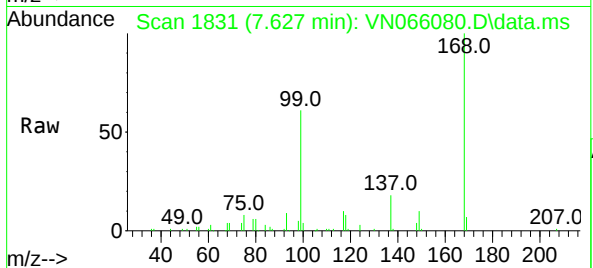
Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
61 1434.7 11.6 17.4#
70 0.0 8.6 13.0#



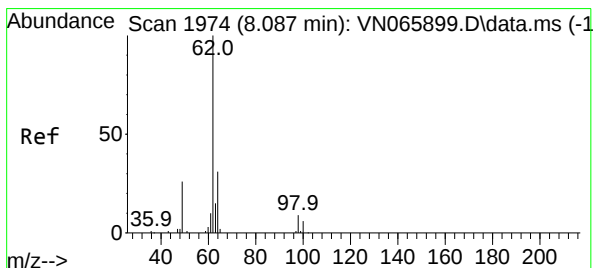
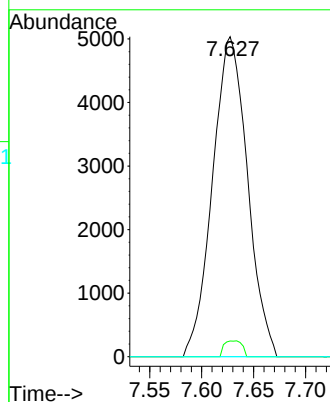
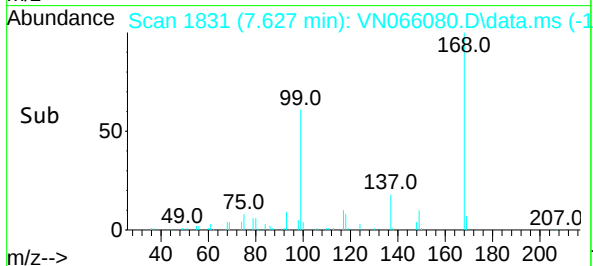


#38
Carbon Tetrachloride
Concen: 6.85 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

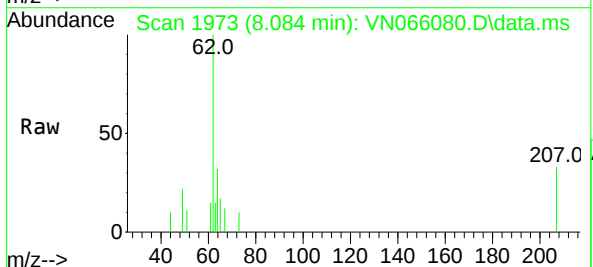
Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621



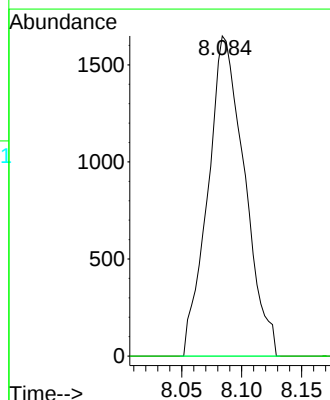
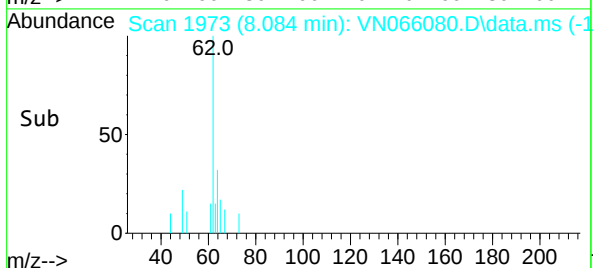
Tgt Ion:117 Resp: 11786
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.5 36.7#

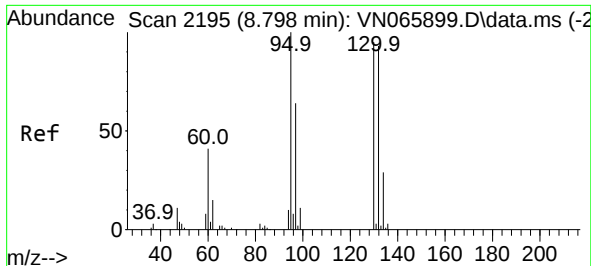


#42
1,2-Dichloroethane
Concen: 1.88 ug/l
RT: 8.084 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17



Tgt Ion: 62 Resp: 3505
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.6

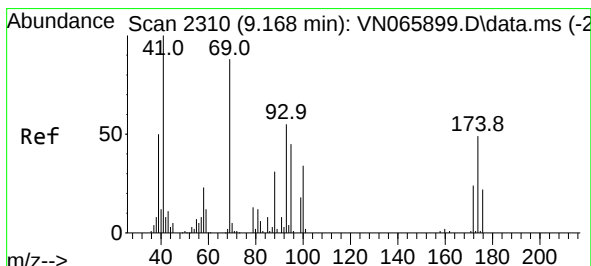
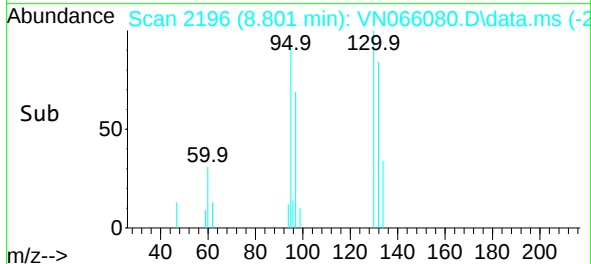
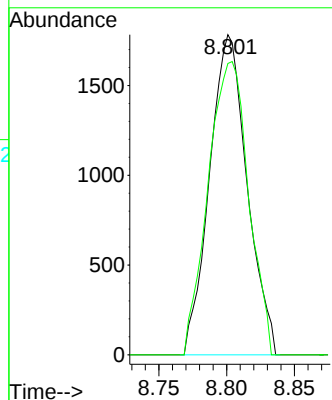
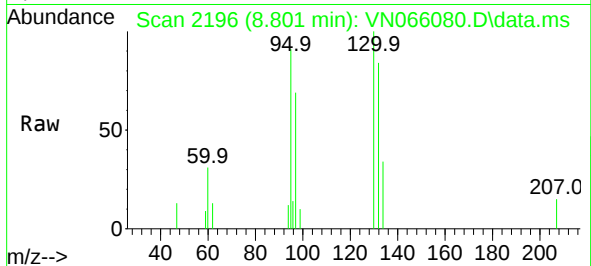




#44
Trichloroethene
Concen: 2.45 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

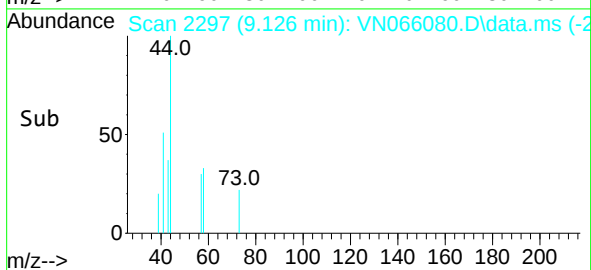
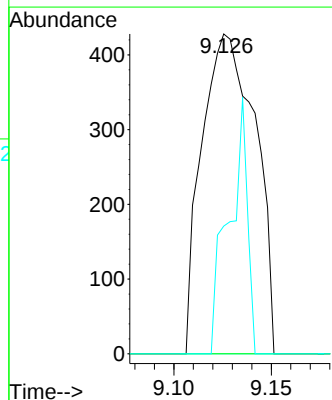
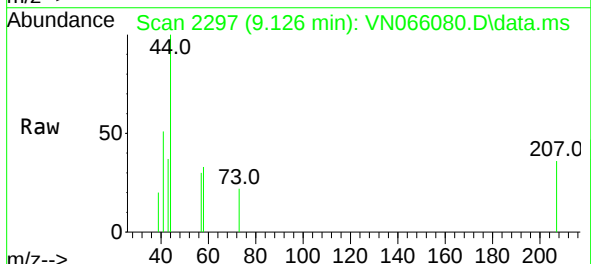
Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621

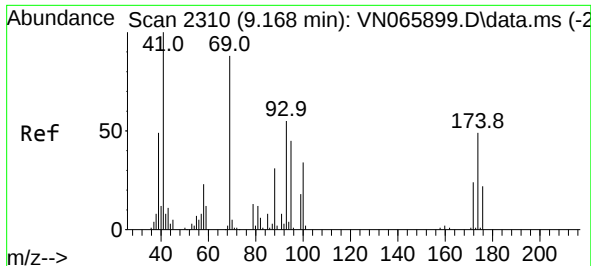
Tgt Ion:130 Resp: 3437
Ion Ratio Lower Upper
130 100
95 91.0 0.0 199.6



#48
Methyl methacrylate
Concen: 0.60 ug/l
RT: 9.126 min Scan# 2297
Delta R.T. -0.042 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

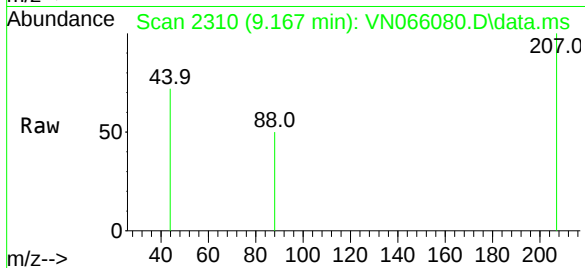
Tgt Ion: 41 Resp: 815
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 28.0 46.6 69.8#



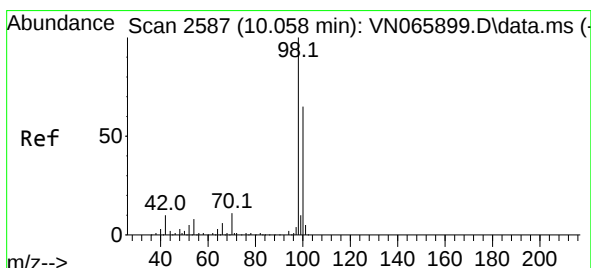
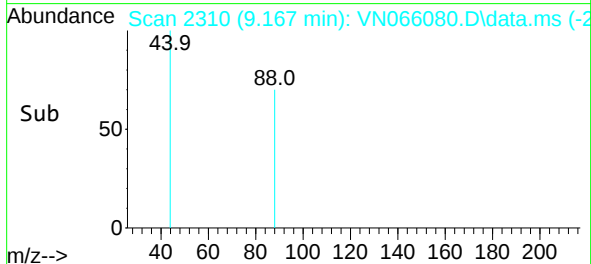
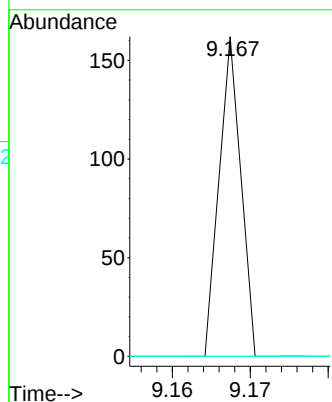


#49
1,4-Dioxane
Concen: 1.35 ug/l
RT: 9.167 min Scan# 2310
Delta R.T. -0.001 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621

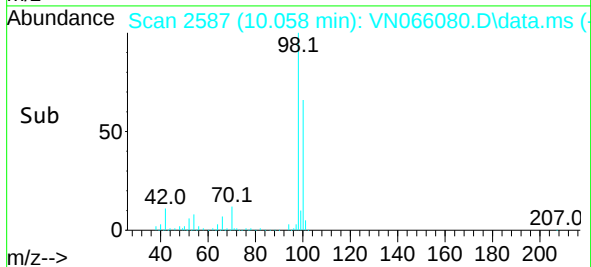
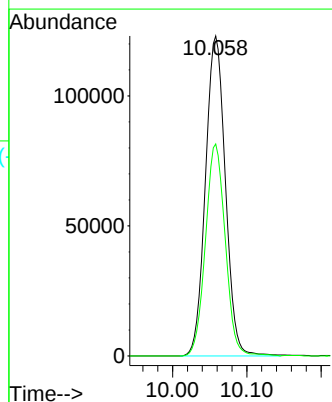
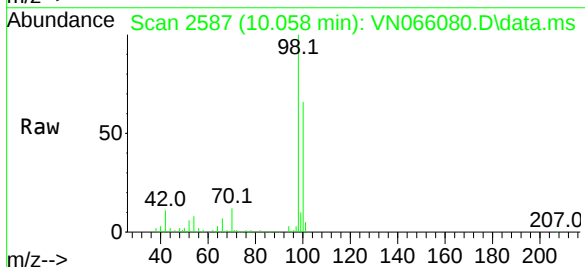


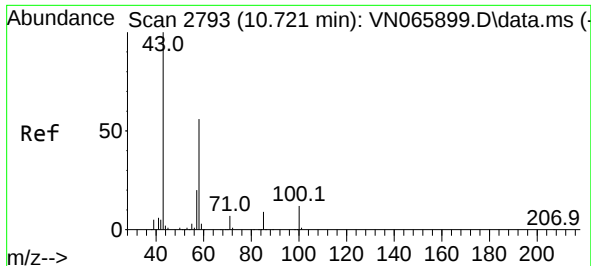
Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 0.0 52.6 78.8#



#50
Toluene-d8
Concen: 48.12 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

Tgt Ion: 98 Resp: 229397
Ion Ratio Lower Upper
98 100
100 65.8 50.5 75.7

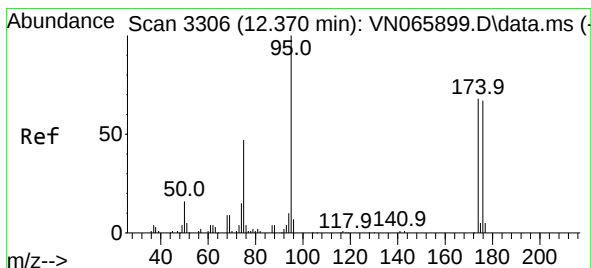
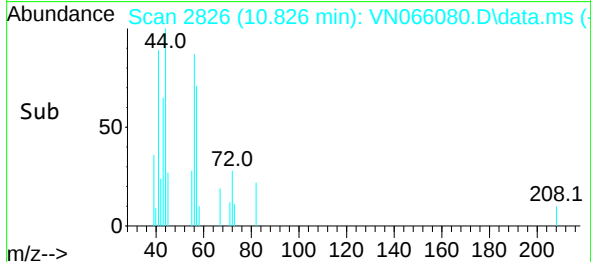
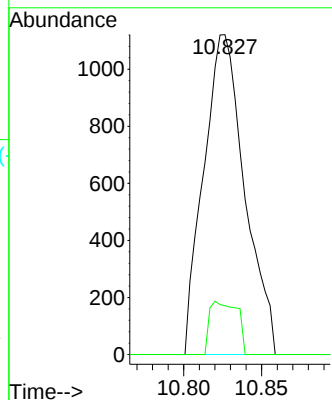
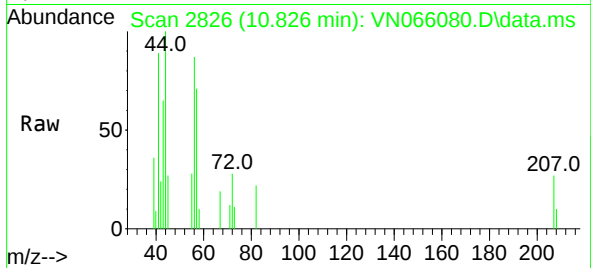




#59
2-Hexanone
Concen: 1.78 ug/l
RT: 10.826 min Scan# 2826
Delta R.T. 0.105 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

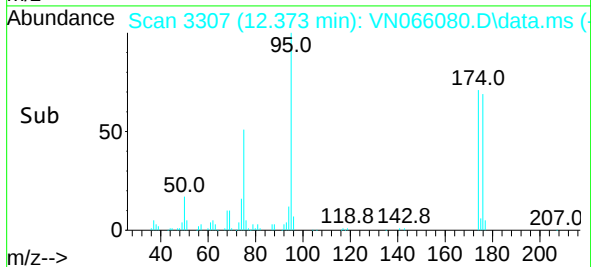
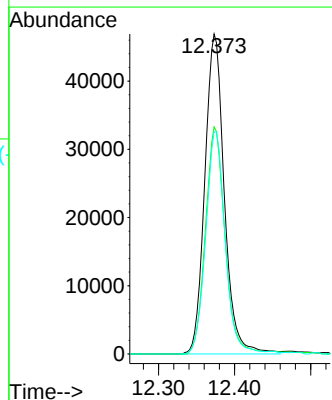
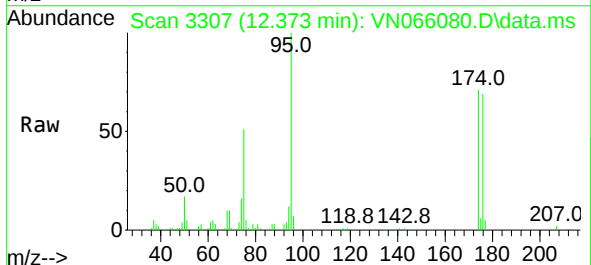
Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621

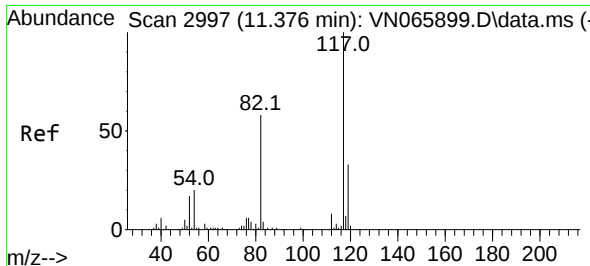
Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
58 11.1 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 46.72 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

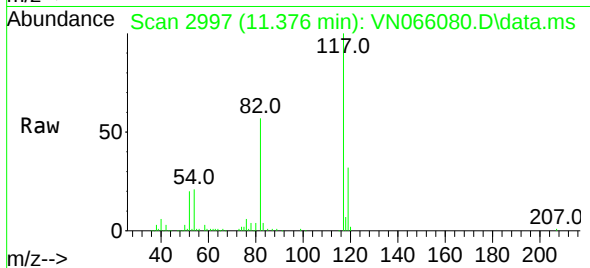
Tgt Ion: 95 Resp: 83609
Ion Ratio Lower Upper
95 100
174 71.0 0.0 169.0
176 69.2 0.0 162.4



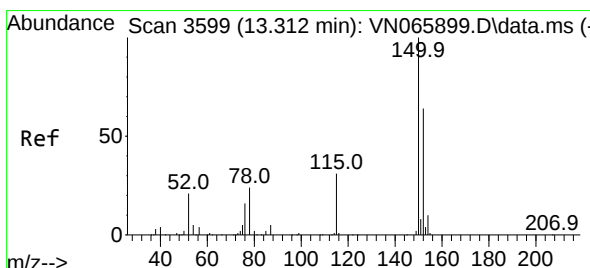
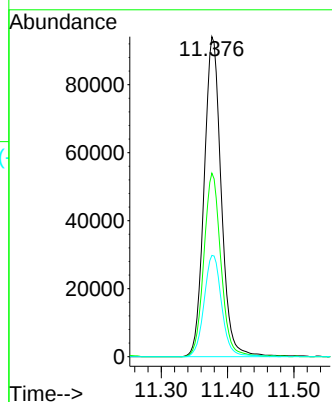
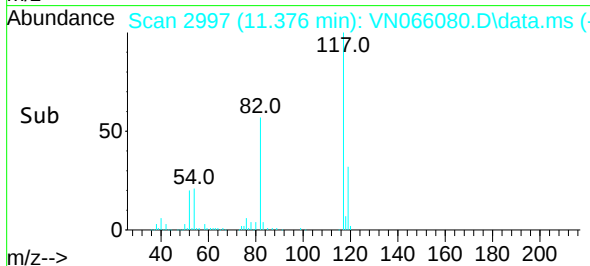


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

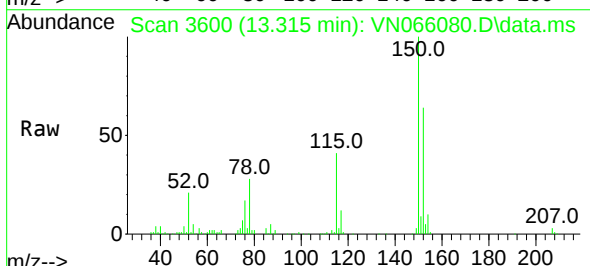
Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621



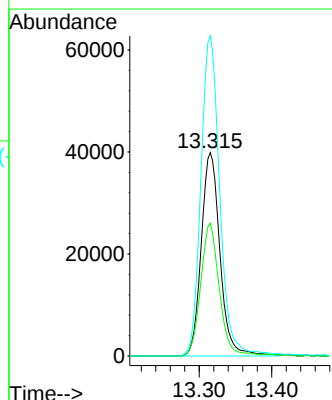
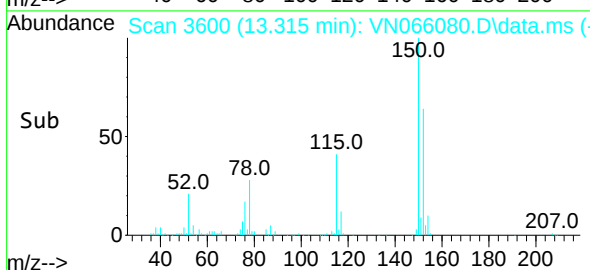
Tgt Ion:117 Resp: 168693
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 31.7 26.1 39.1

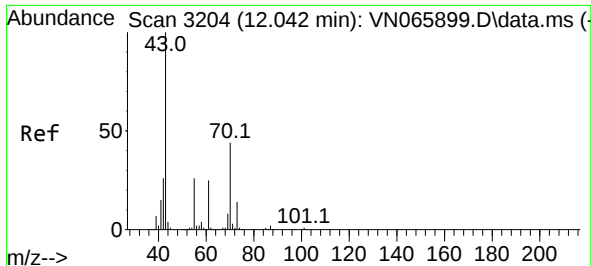


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17



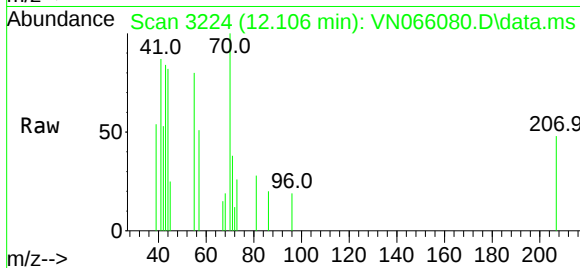
Tgt Ion:152 Resp: 71564
Ion Ratio Lower Upper
152 100
115 65.1 28.5 85.6
150 158.4 0.0 347.6



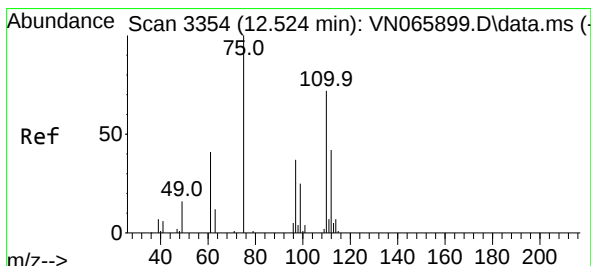
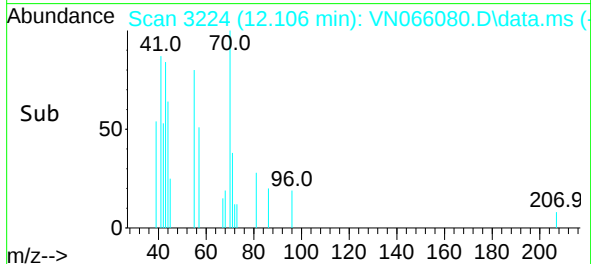
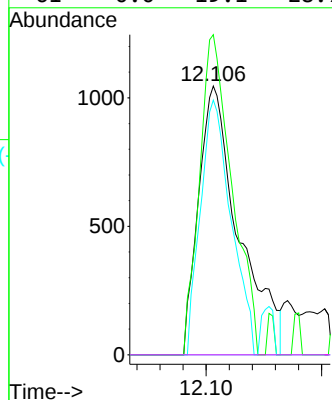


#74
N-amy1 acetate
Concen: 1.25 ug/l
RT: 12.106 min Scan# 3224
Delta R.T. 0.064 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621

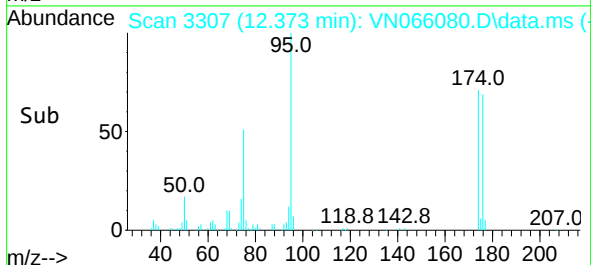
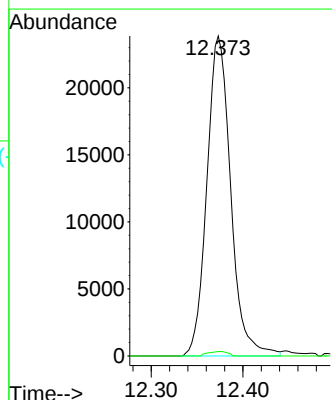
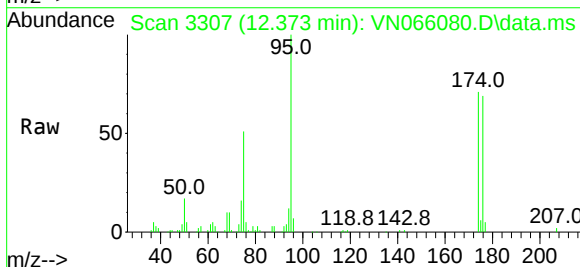


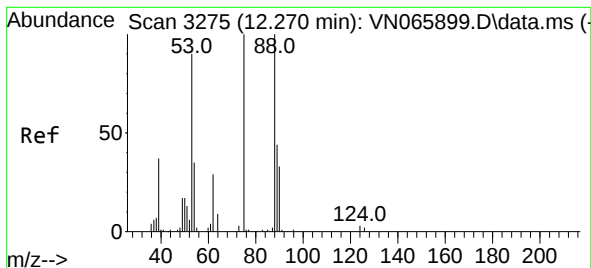
Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
70 96.2 34.4 51.6#
55 72.1 20.7 31.1#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 25.10 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

Tgt Ion: 75 Resp: 43151
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

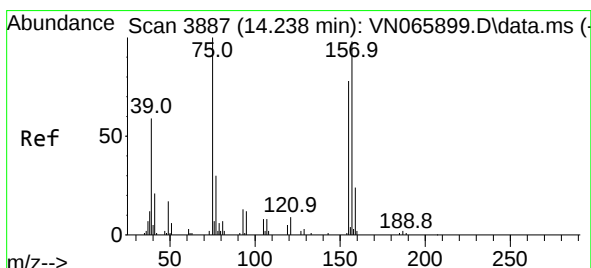
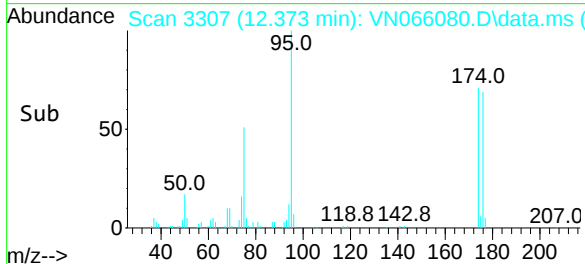
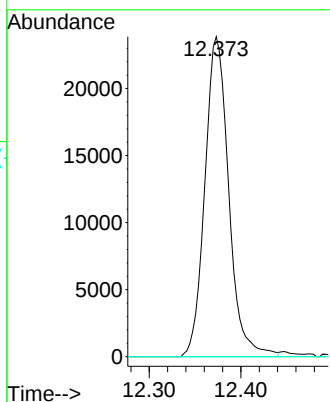
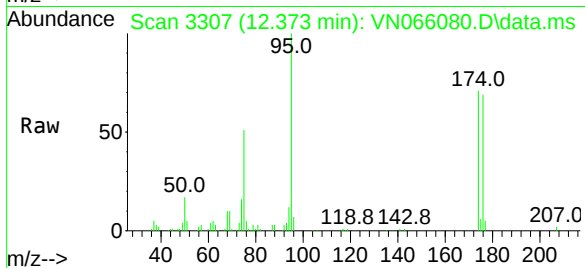




#81
trans-1,4-Dichloro-2-butene
Concen: 79.99 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

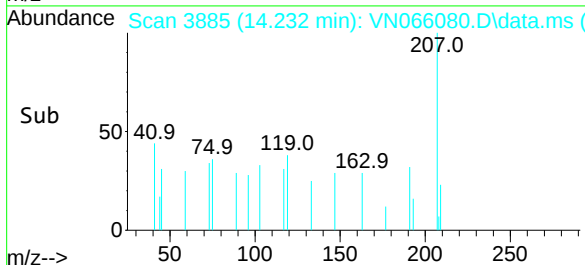
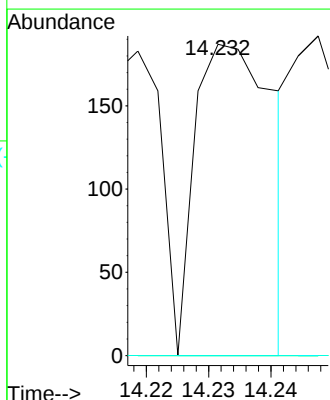
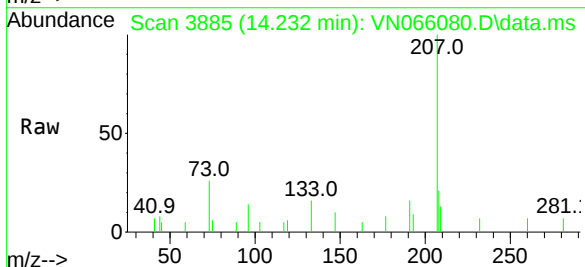
Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621

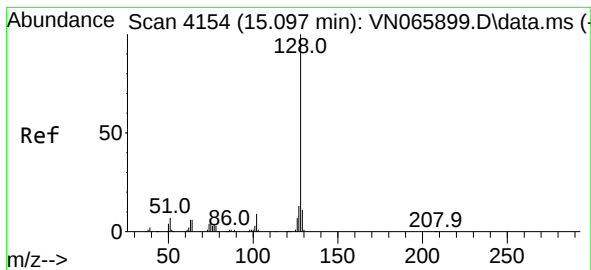
Tgt Ion: 75 Resp: 43151
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.32 ug/l
RT: 14.232 min Scan# 3885
Delta R.T. -0.006 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

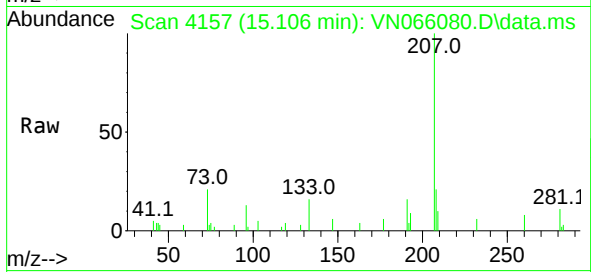
Tgt Ion: 75 Resp: 164
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.09 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.009 min
Lab File: VN066080.D
Acq: 1 Mar 2021 16:17

Instrument :
MSVOA_N
ClientSampleId :
GW806-15-20-022621



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

