

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066079.D
 Acq On : 1 Mar 2021 15:54
 Operator : JC/MD
 Sample : M1519-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW806-31-36-022621-FD

Quant Time: Mar 01 21:43:28 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)

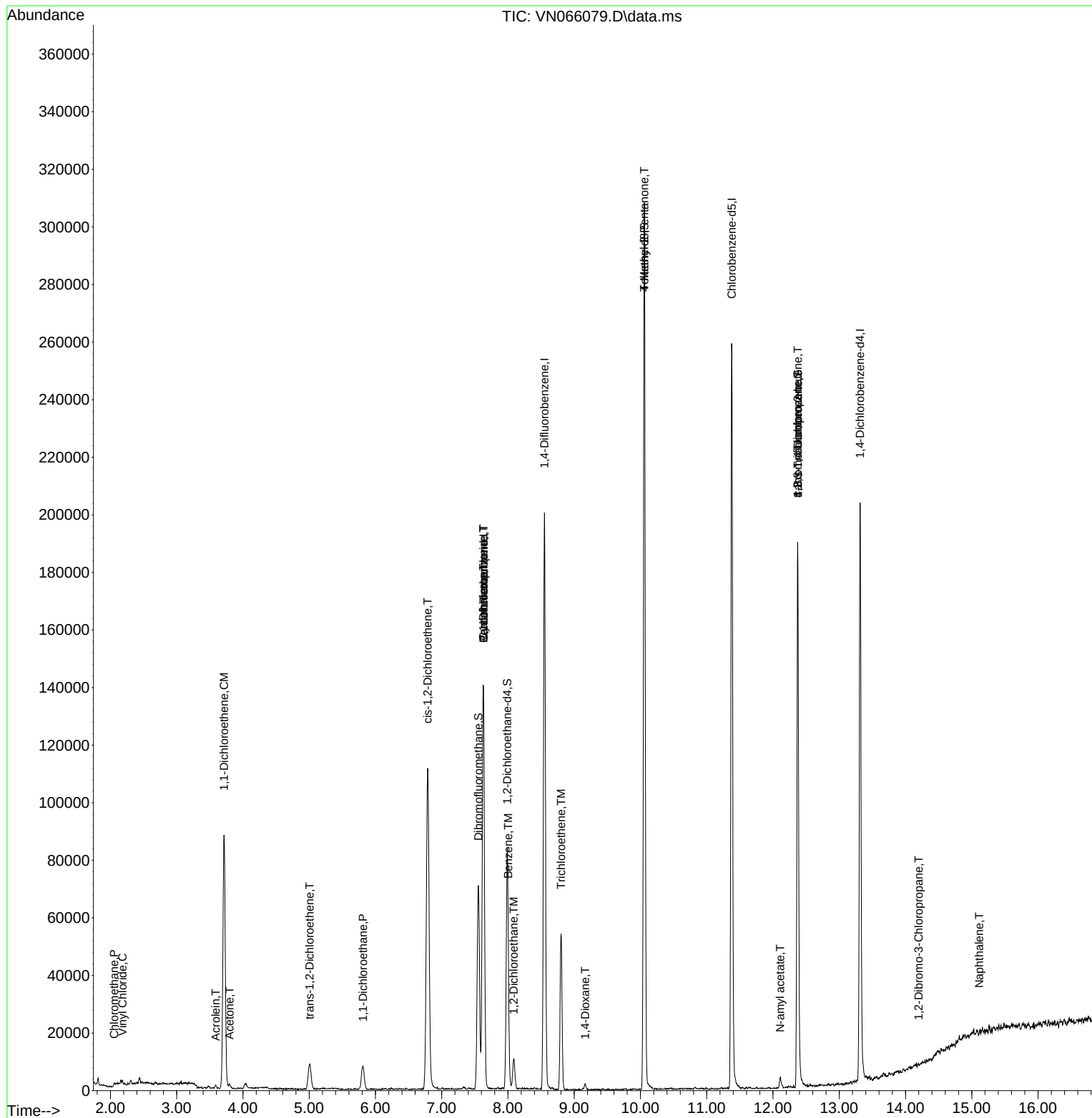
Internal Standards						
1) Pentafluorobenzene	7.631	168	114625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	180763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	159812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	58682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	76150	47.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.02%		
35) Dibromofluoromethane	7.553	113	55986	50.04	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.08%		
50) Toluene-d8	10.058	98	218678	47.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.24%		
62) 4-Bromofluorobenzene	12.373	95	74407	43.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.32%		
Target Compounds					Qvalue	
3) Chloromethane	2.055	50	709	0.38	ug/l	99
4) Vinyl Chloride	2.184	62	616	0.33	ug/l	89
12) 1,1-Dichloroethene	3.714	96	46897	36.43	ug/l	91
13) Acrolein	3.589	56	1180	5.79	ug/l	87
16) Acetone	3.798	43	1913	2.21	ug/l	95
21) trans-1,2-Dichloroethene	5.007	96	6438	4.76	ug/l	95
24) 1,1-Dichloroethane	5.811	63	13766	5.42	ug/l #	91
27) cis-1,2-Dichloroethene	6.788	96	77167	50.07	ug/l	95
31) Cyclohexane	7.627	56	2227	0.93	ug/l #	45
36) 1,1-Dichloropropene	7.627	75	8661	4.86	ug/l #	47
38) Carbon Tetrachloride	7.631	117	11632	7.02	ug/l #	15
40) Benzene	8.004	78	3643	0.67	ug/l #	90
42) 1,2-Dichloroethane	8.087	62	11401	6.34	ug/l	91
44) Trichloroethene	8.801	130	20655	15.27	ug/l	96
49) 1,4-Dioxane	9.164	88	1161	52.43	ug/l	93
51) 4-Methyl-2-Pentanone	10.058	43	988	0.63	ug/l #	1
74) N-amyl acetate	12.110	43	804	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	38658	27.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	38658	87.39	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.199	75	336	2.03	ug/l #	1
95) Naphthalene	15.113	128	105	3.09	ug/l #	69

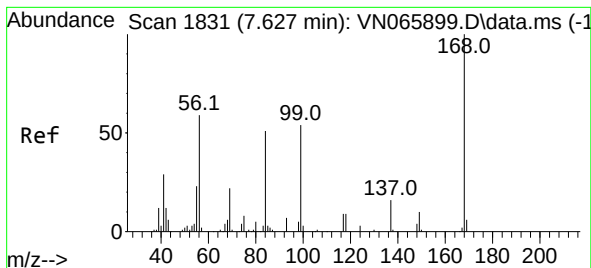
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.631 min Scan# 1832

Delta R.T. 0.004 min

Lab File: VN066079.D

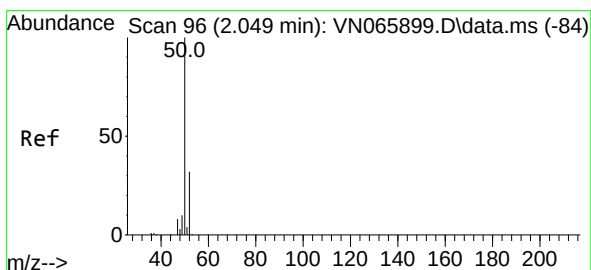
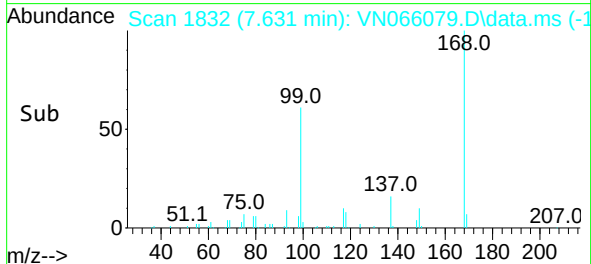
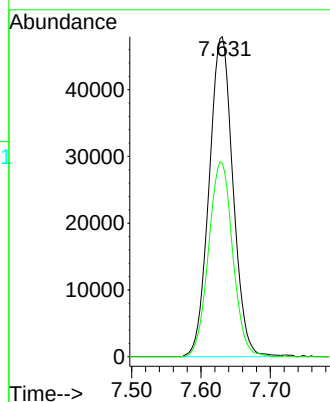
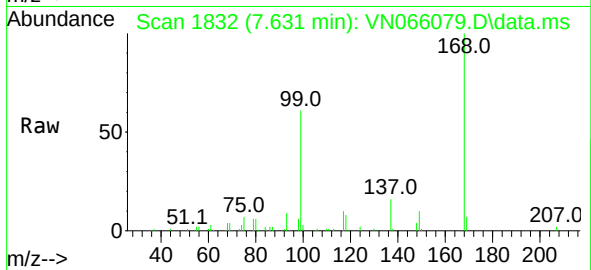
Acq: 1 Mar 2021 15:54

Tgt Ion:168 Resp: 114625

Ion Ratio Lower Upper

168 100

99 60.5 42.6 63.8



#3

Chloromethane

Concen: 0.38 ug/l

RT: 2.055 min Scan# 98

Delta R.T. 0.006 min

Lab File: VN066079.D

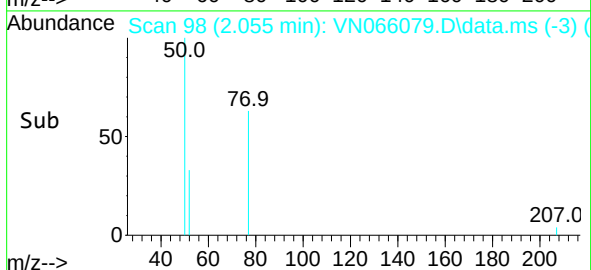
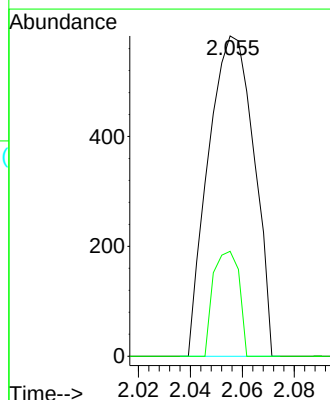
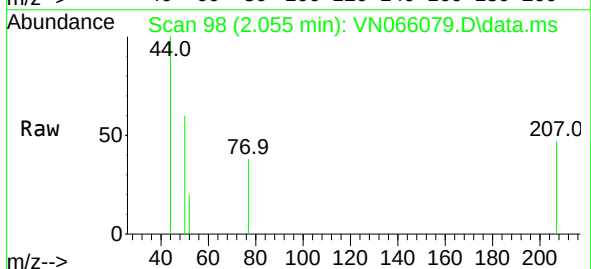
Acq: 1 Mar 2021 15:54

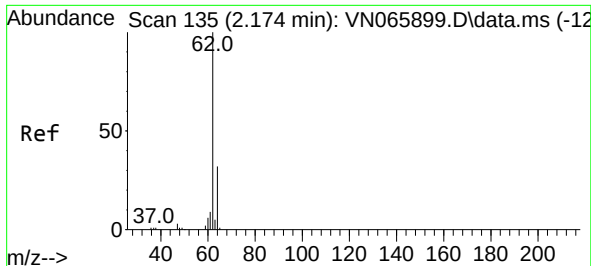
Tgt Ion: 50 Resp: 709

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.8

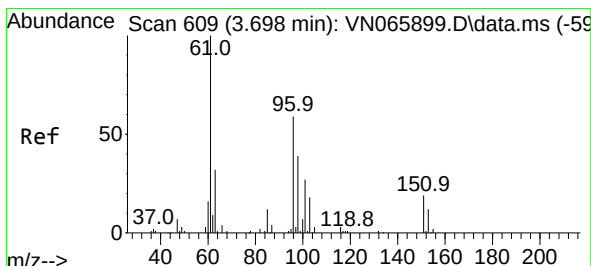
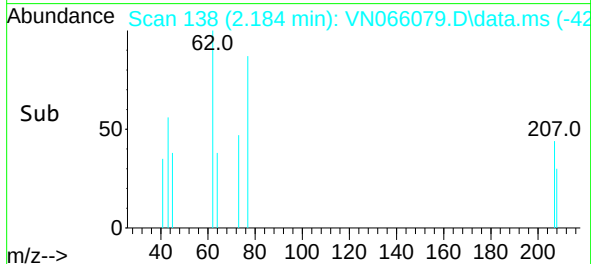
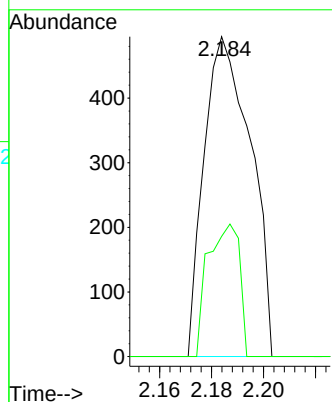
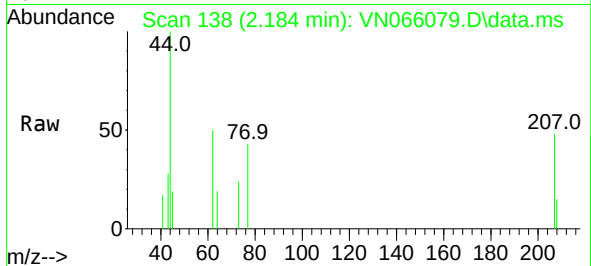




#4
 Vinyl Chloride
 Concen: 0.33 ug/l
 RT: 2.184 min Scan# 138
 Delta R.T. 0.010 min
 Lab File: VN066079.D
 Acq: 1 Mar 2021 15:54

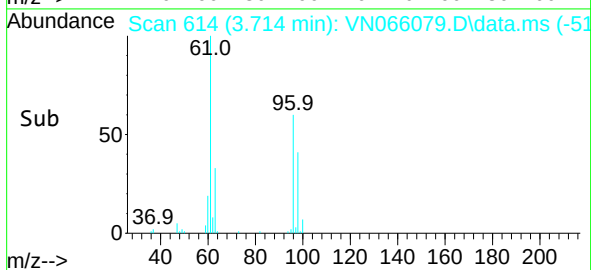
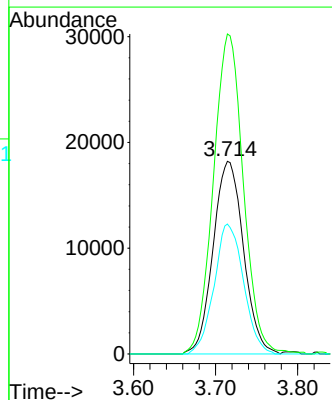
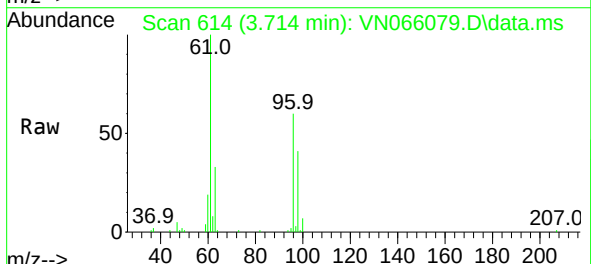
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 GW806-31-36-022621-FD

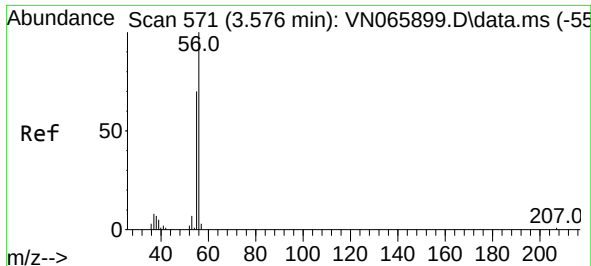
Tgt Ion: 62 Resp: 616
 Ion Ratio Lower Upper
 62 100
 64 37.6 25.1 37.7



#12
 1,1-Dichloroethene
 Concen: 36.43 ug/l
 RT: 3.714 min Scan# 614
 Delta R.T. 0.016 min
 Lab File: VN066079.D
 Acq: 1 Mar 2021 15:54

Tgt Ion: 96 Resp: 46897
 Ion Ratio Lower Upper
 96 100
 61 166.1 122.5 183.7
 98 67.4 50.8 76.2

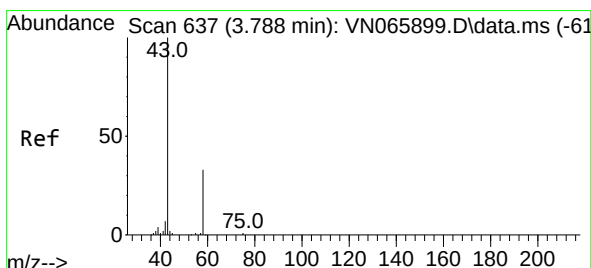
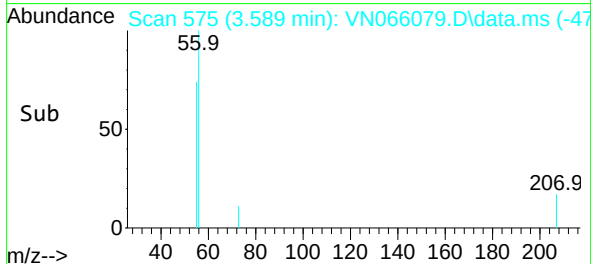
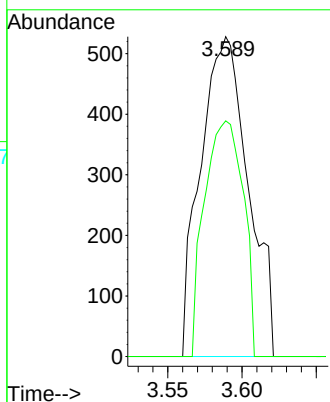
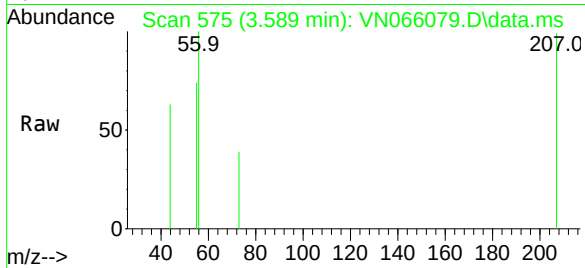




#13
Acrolein
Concen: 5.79 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

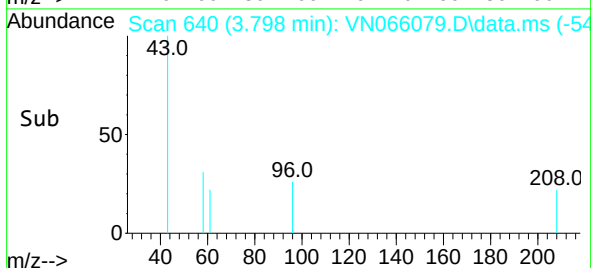
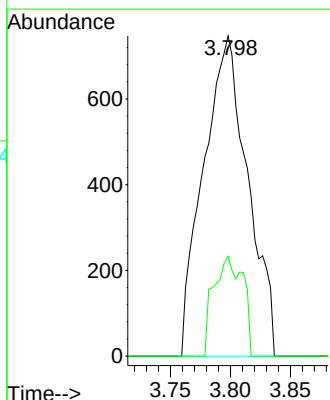
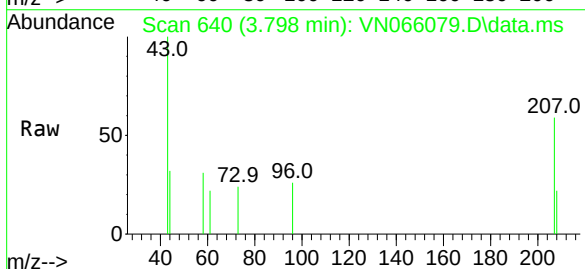
Instrument :
MSVOA_N
ClientSampleId :
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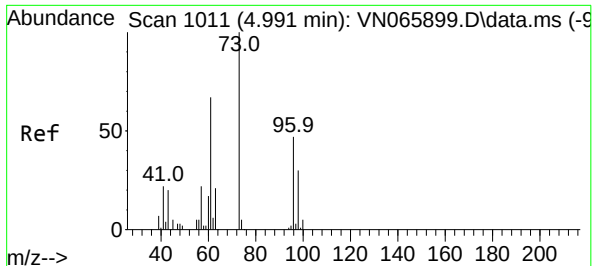
Tgt Ion: 56 Resp: 1180
Ion Ratio Lower Upper
56 100
55 59.6 56.0 84.0



#16
Acetone
Concen: 2.21 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

Tgt Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
58 31.2 27.0 40.6

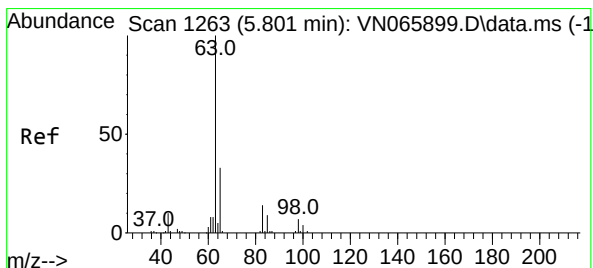
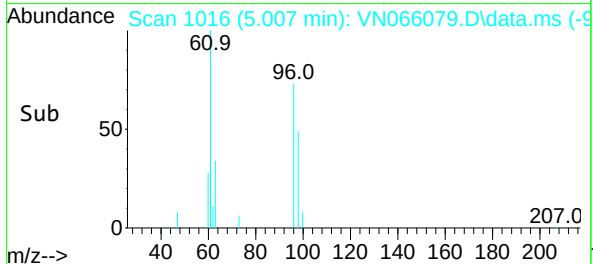
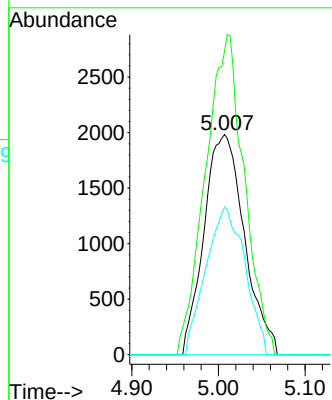
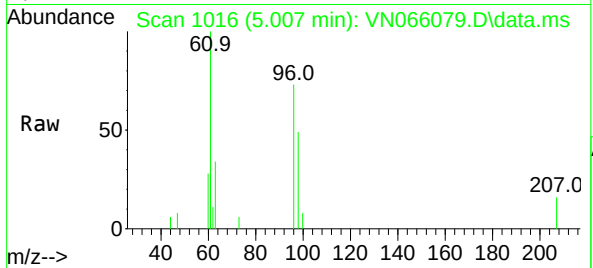




#21
trans-1,2-Dichloroethene
Concen: 4.76 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.016 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

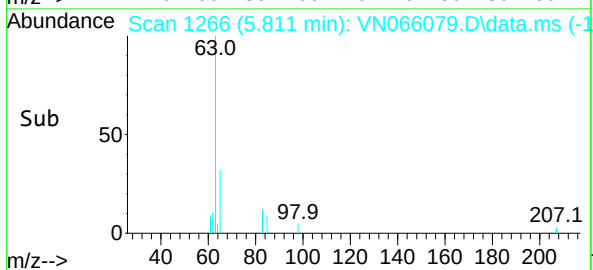
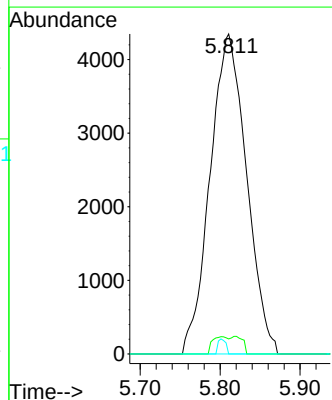
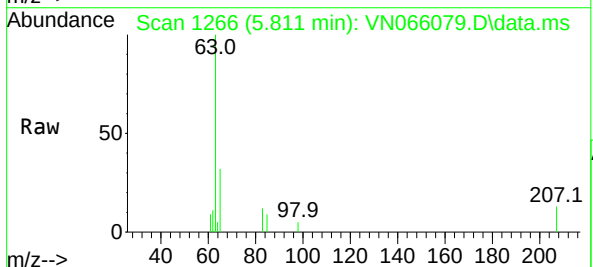
Instrument :
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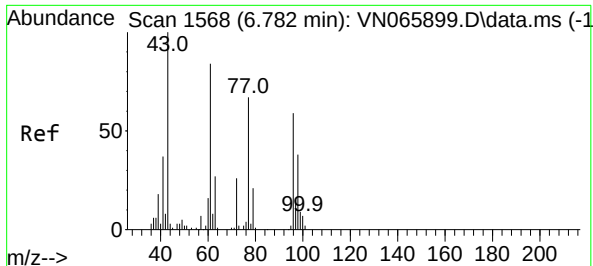
Tgt Ion: 96 Resp: 6438
Ion Ratio Lower Upper
96 100
61 137.8 104.9 157.3
98 67.1 51.8 77.8



#24
1,1-Dichloroethane
Concen: 5.42 ug/l
RT: 5.811 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

Tgt Ion: 63 Resp: 13766
Ion Ratio Lower Upper
63 100
98 4.7 3.5 10.4
100 0.0 2.3 6.9#

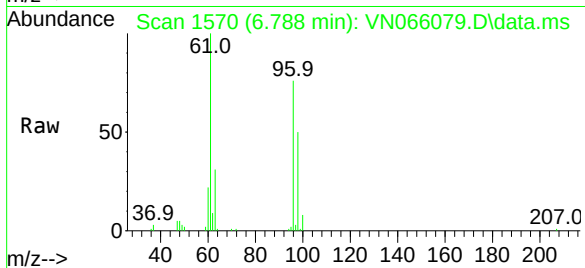




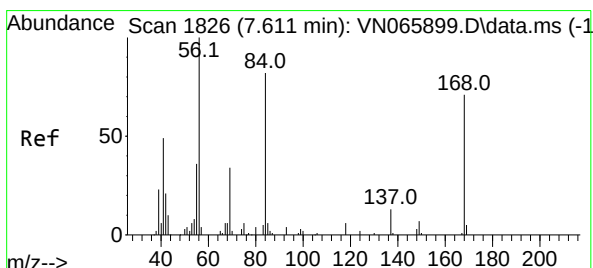
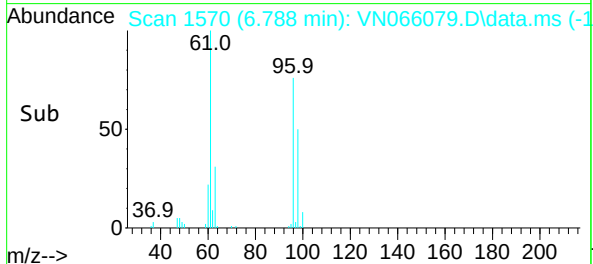
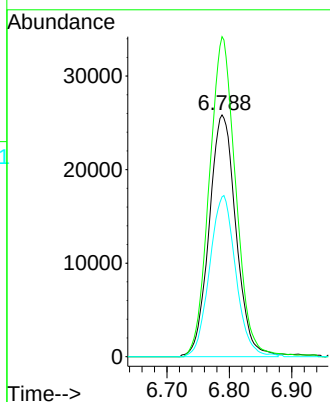
#27

cis-1,2-Dichloroethene
Concen: 50.07 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

Instrument :
MSVOA_N
ClientSampleId :
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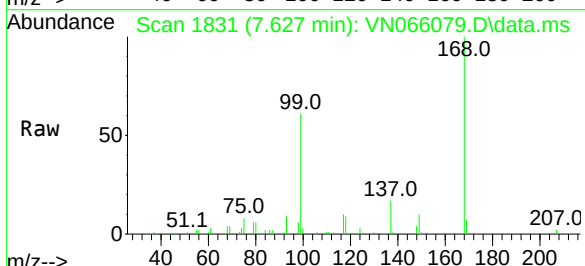


Tgt Ion:	96	Resp:	77167
Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	276.8
98	64.8	0.0	129.4

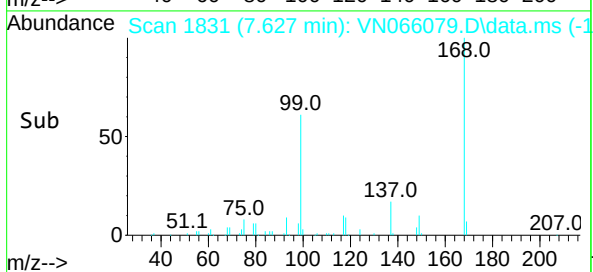
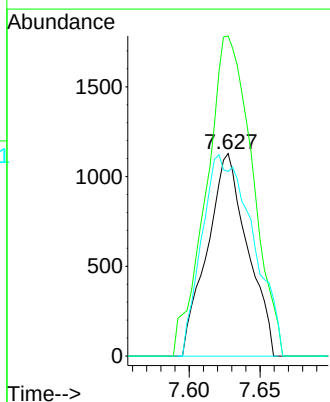


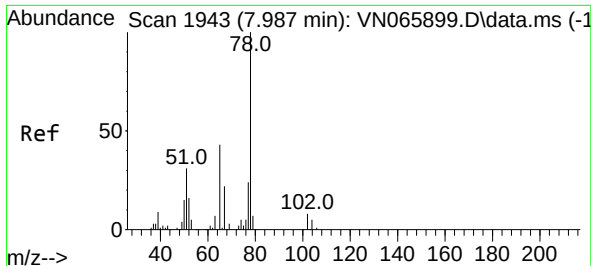
#31

Cyclohexane
Concen: 0.93 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54



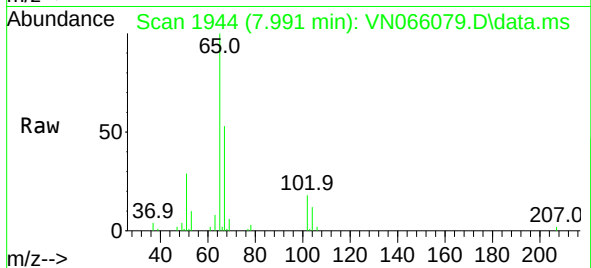
Tgt Ion:	56	Resp:	2227
Ion	Ratio	Lower	Upper
56	100		
69	142.2	26.6	39.8#
84	91.1	70.4	105.6



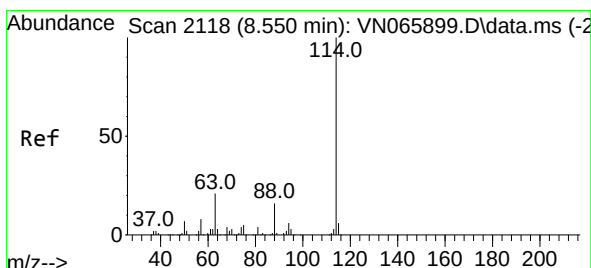
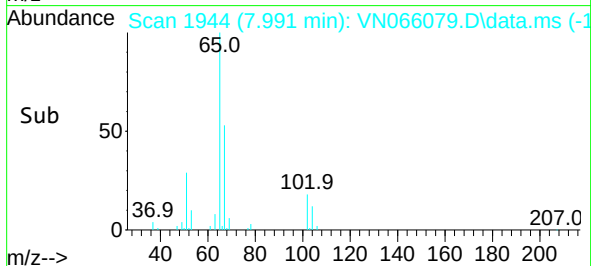
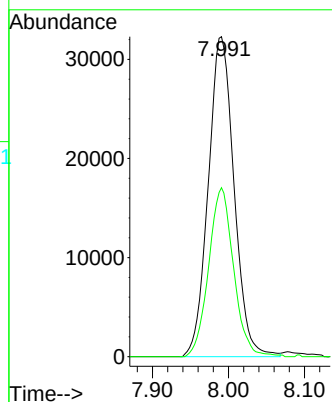


#33
1,2-Dichloroethane-d4
Concen: 47.51 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066079.D
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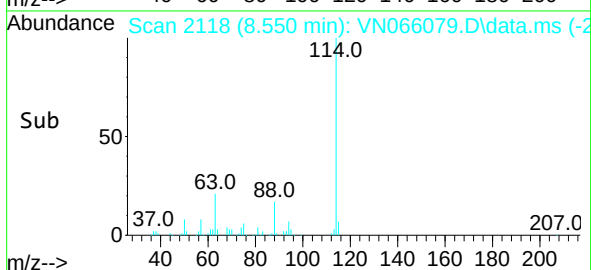
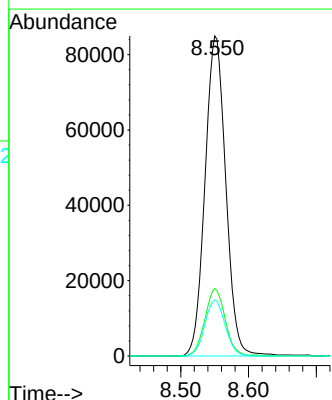
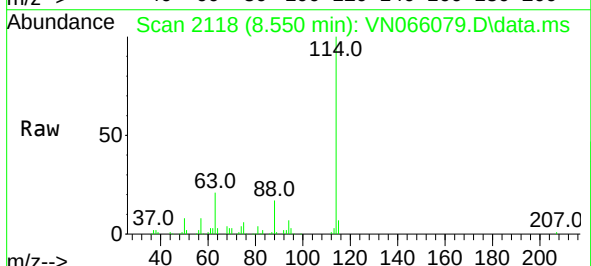


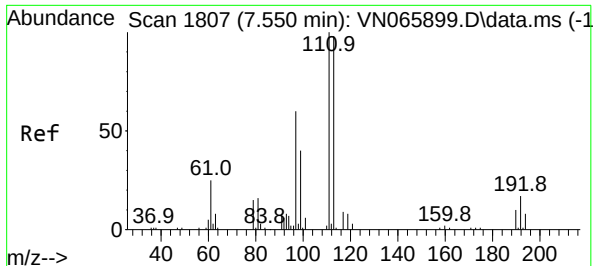
Tgt Ion: 65 Resp: 76150
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

Tgt Ion: 114 Resp: 180763
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 17.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.04 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN066079.D

Acq: 1 Mar 2021 15:54

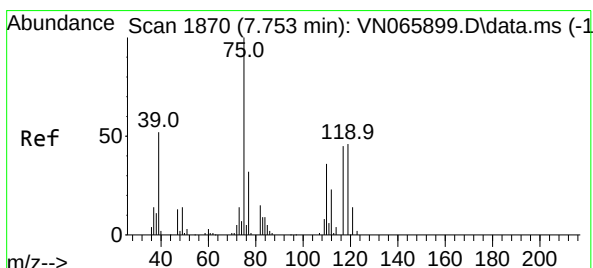
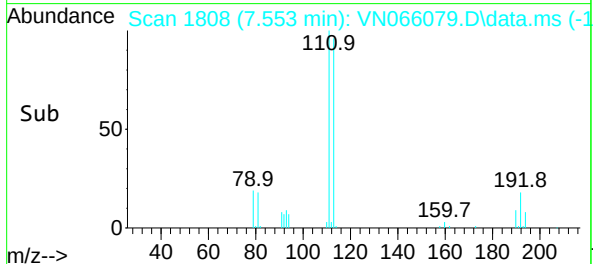
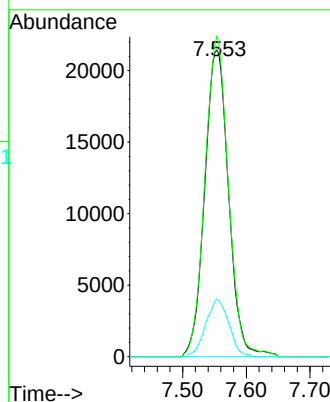
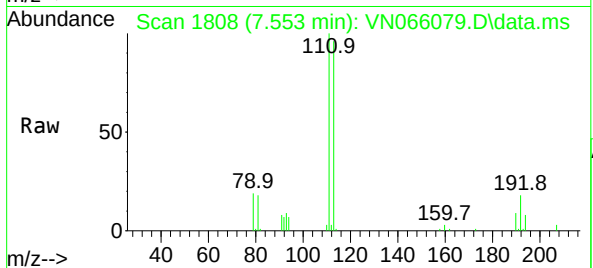
Tgt Ion:	113	Resp:	55986
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.2	123.2
192	18.1	15.4	23.0

Instrument :

MSVOA_N

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#36

1,1-Dichloropropene

Concen: 4.86 ug/l

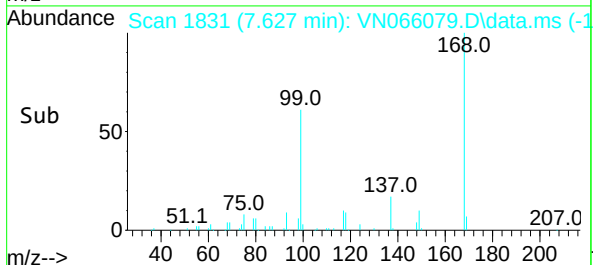
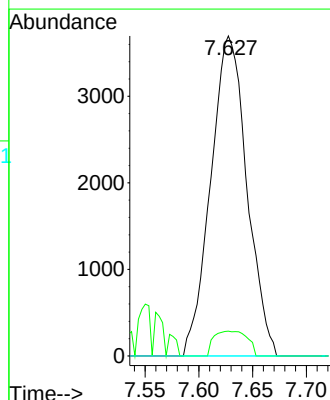
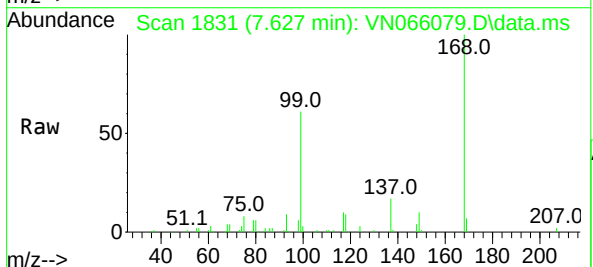
RT: 7.627 min Scan# 1831

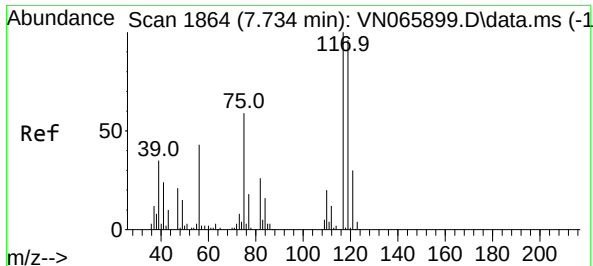
Delta R.T. -0.126 min

Lab File: VN066079.D

Acq: 1 Mar 2021 15:54

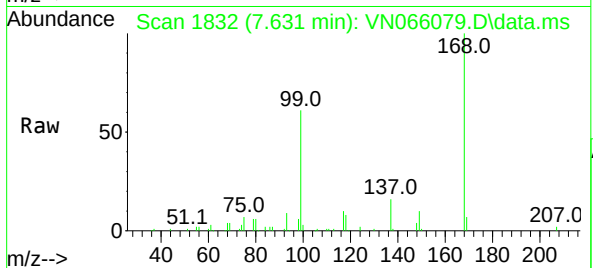
Tgt Ion:	75	Resp:	8661
Ion Ratio	Lower	Upper	
75	100		
110	7.1	18.2	54.6#
77	0.0	24.9	37.3#



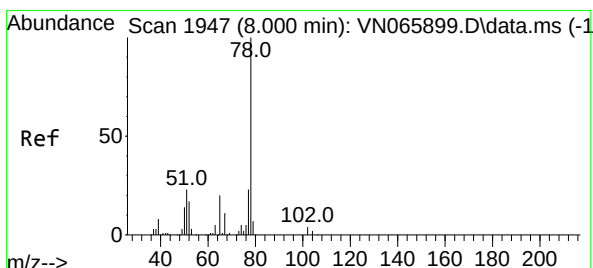
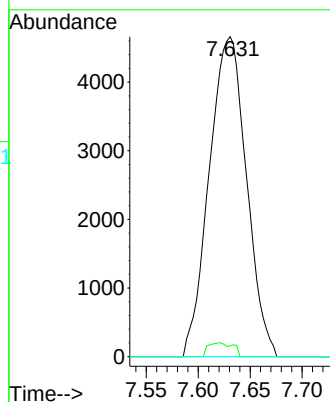
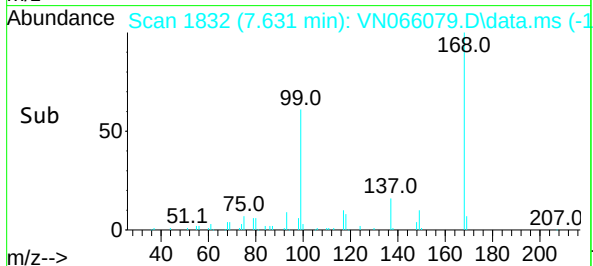


#38
Carbon Tetrachloride
Concen: 7.02 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

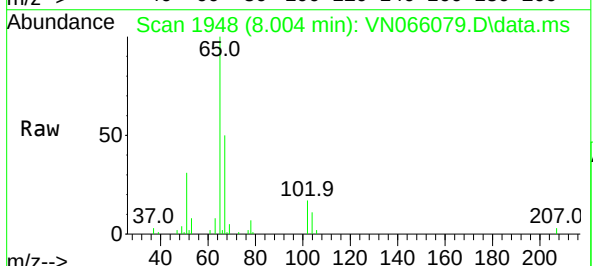
Instrument :
MSVOA_N
ClientSampleId :
GW806-31-36-022621-FD



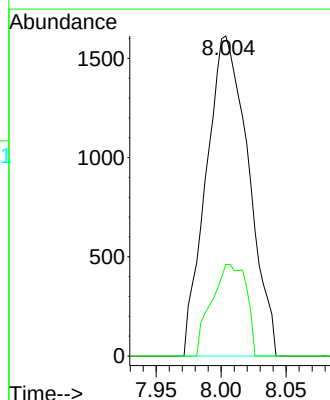
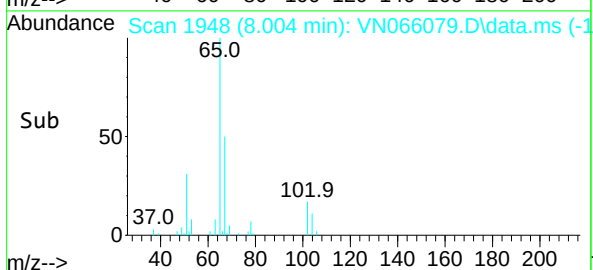
Tgt Ion:117 Resp: 11632
Ion Ratio Lower Upper
117 100
119 3.3 76.0 114.0#
121 0.0 24.5 36.7#

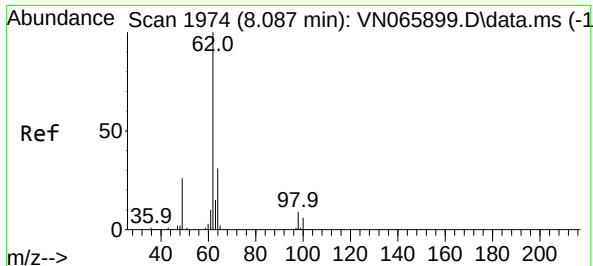


#40
Benzene
Concen: 0.67 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. 0.004 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54



Tgt Ion: 78 Resp: 3643
Ion Ratio Lower Upper
78 100
77 28.6 19.0 28.4#





#42

1,2-Dichloroethane

Concen: 6.34 ug/l

RT: 8.087 min Scan# 1974

Delta R.T. 0.000 min

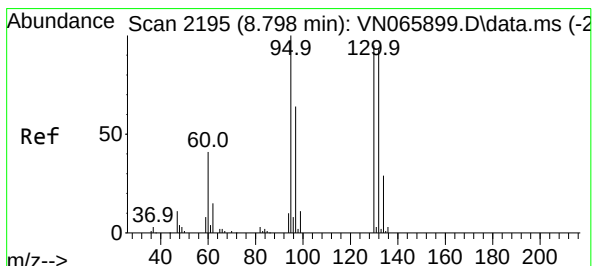
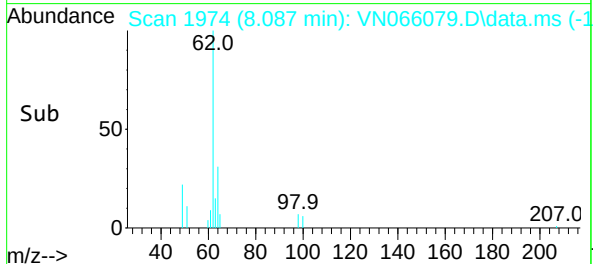
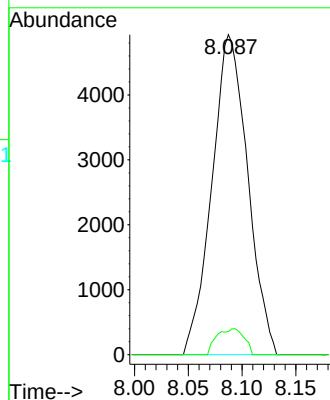
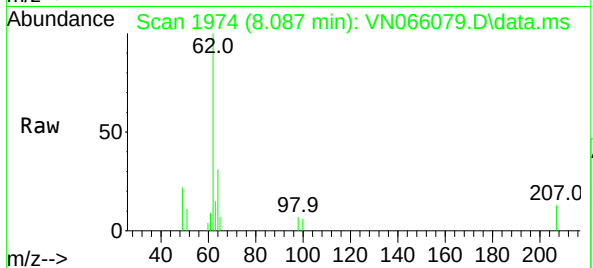
Lab File: VN066079.D

Acq: 1 Mar 2021 15:54

Tgt Ion: 62 Resp: 11401

Ion Ratio Lower Upper

62 100
98 6.2 0.0 18.6



#44

Trichloroethene

Concen: 15.27 ug/l

RT: 8.801 min Scan# 2196

Delta R.T. 0.003 min

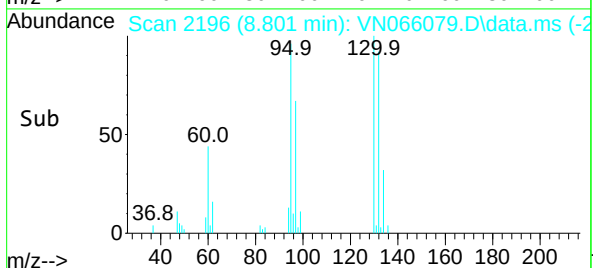
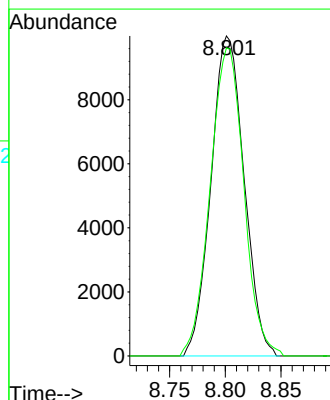
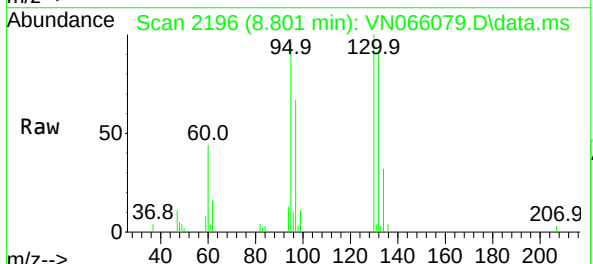
Lab File: VN066079.D

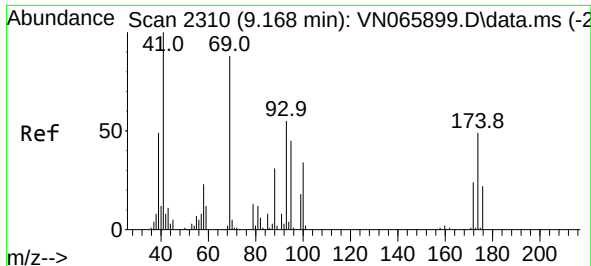
Acq: 1 Mar 2021 15:54

Tgt Ion: 130 Resp: 20655

Ion Ratio Lower Upper

130 100
95 96.3 0.0 199.6

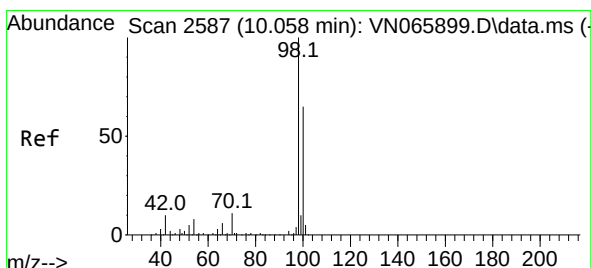
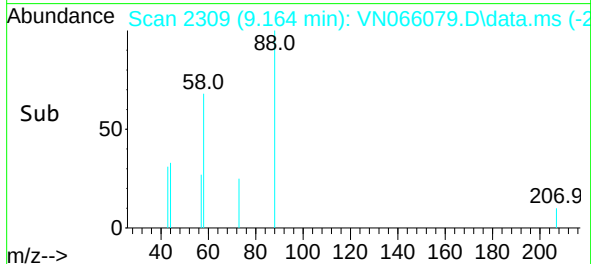
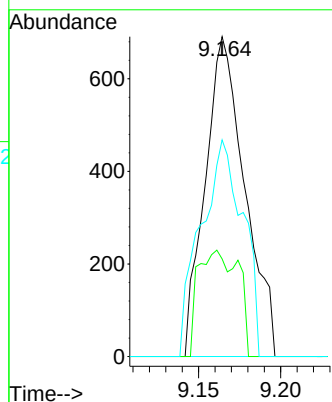
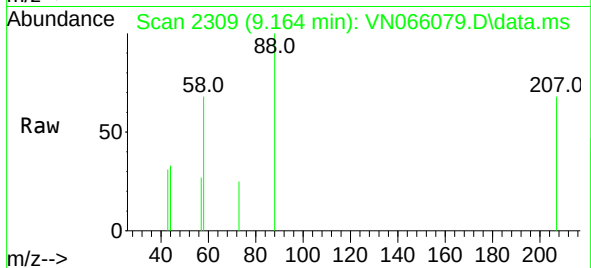




#49
1,4-Dioxane
Concen: 52.43 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.004 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

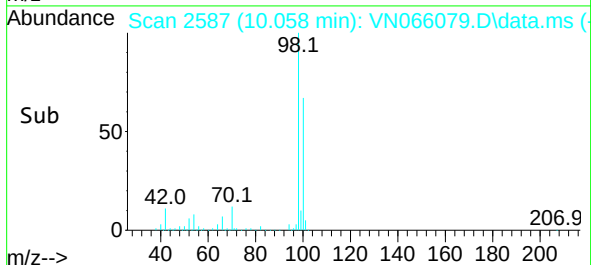
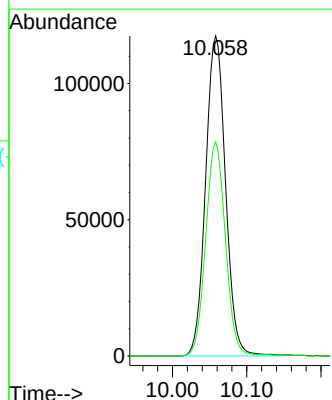
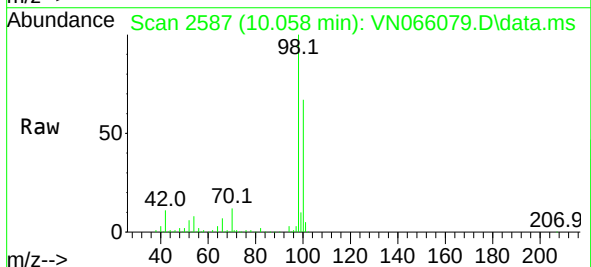
Instrument :
MSVOA_N
ClientSampleId :
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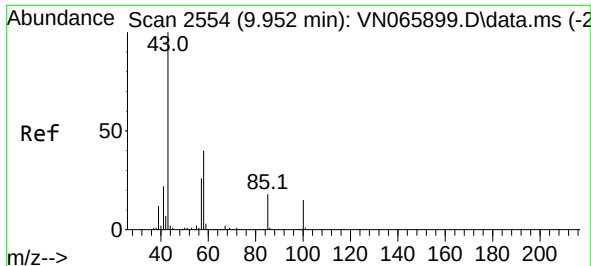
Tgt Ion: 88 Resp: 1161
Ion Ratio Lower Upper
88 100
43 33.5 24.7 37.1
58 72.0 52.6 78.8



#50
Toluene-d8
Concen: 47.62 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

Tgt Ion: 98 Resp: 218678
Ion Ratio Lower Upper
98 100
100 66.4 50.5 75.7

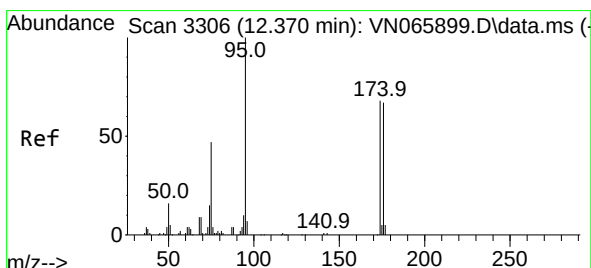
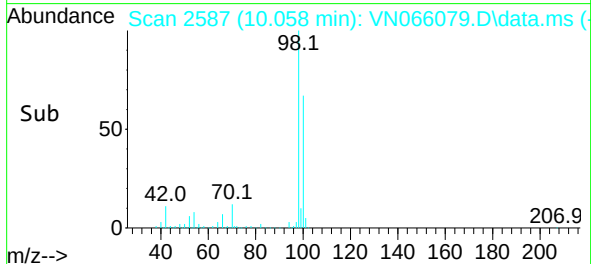
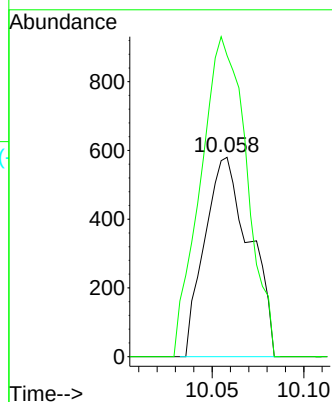
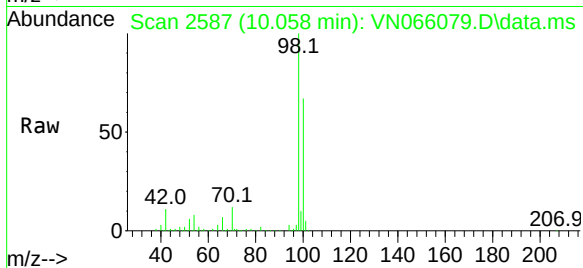




#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

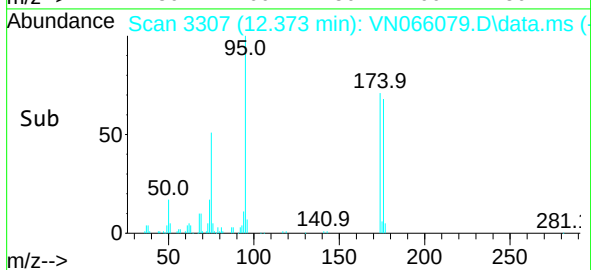
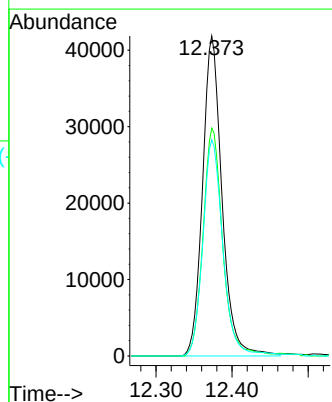
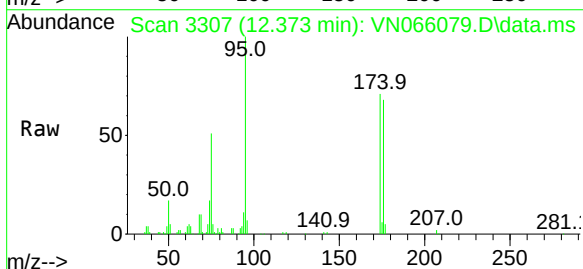
Instrument :
MSVOA_N
ClientSampleId :
GW806-31-36-022621-FD

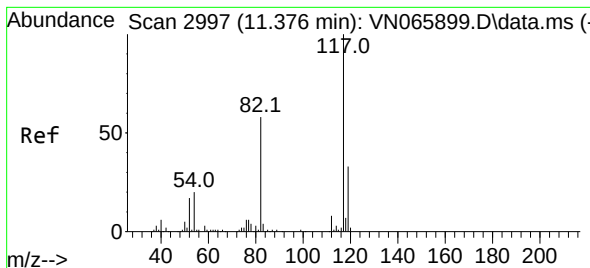
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 165.5 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 43.16 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

Tgt Ion: 95 Resp: 74407
Ion Ratio Lower Upper
95 100
174 71.6 0.0 169.0
176 69.7 0.0 162.4

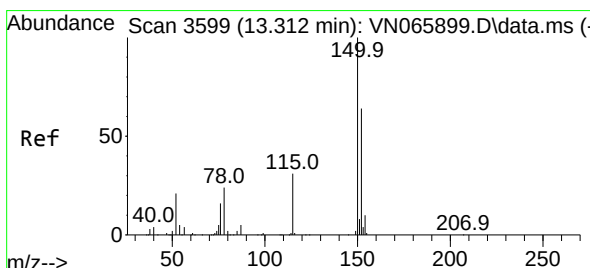
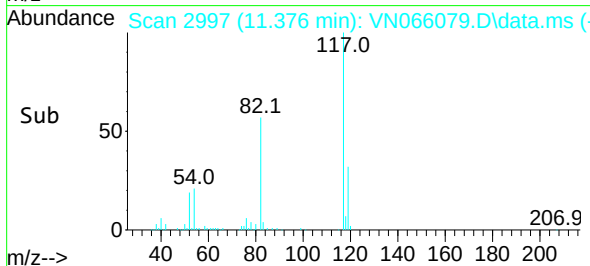
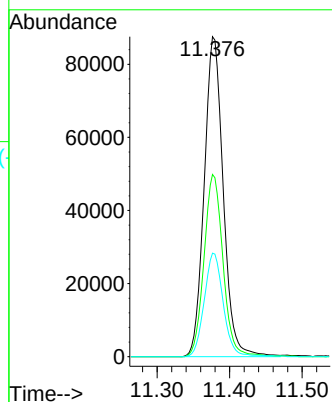
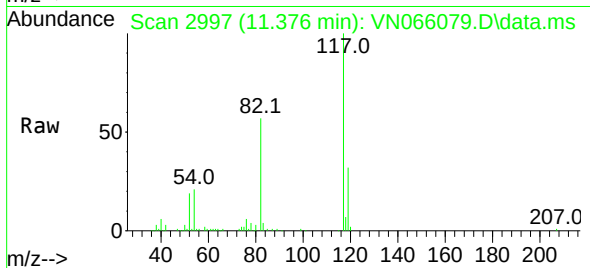




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

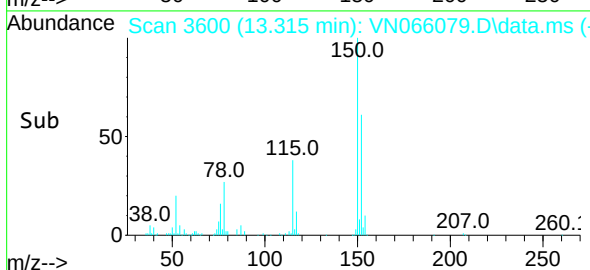
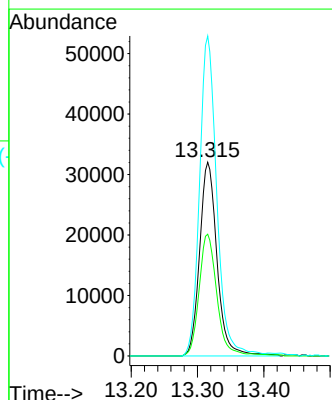
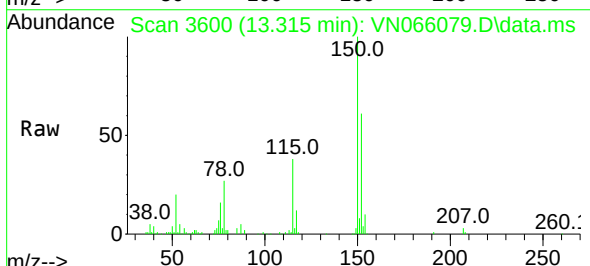
Instrument :
MSVOA_N
ClientSampleId :
GW806-31-36-022621-FD

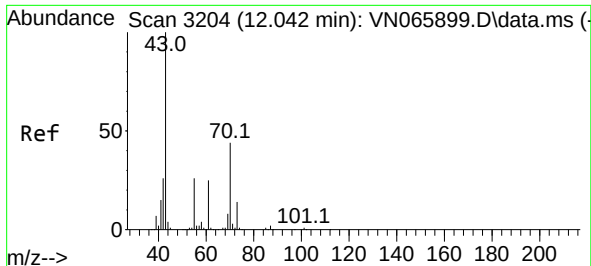
Tgt Ion:117 Resp: 159812
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

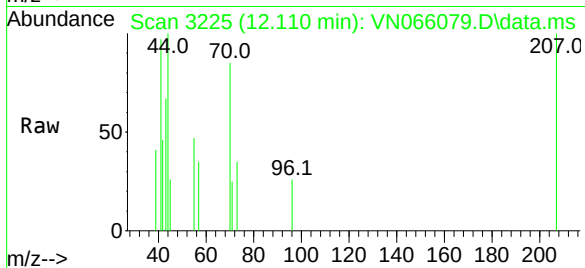
Tgt Ion:152 Resp: 58682
Ion Ratio Lower Upper
152 100
115 63.2 28.5 85.6
150 162.4 0.0 347.6



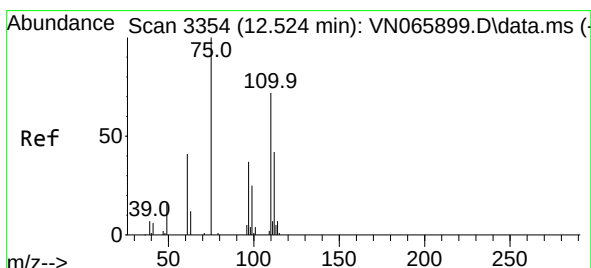
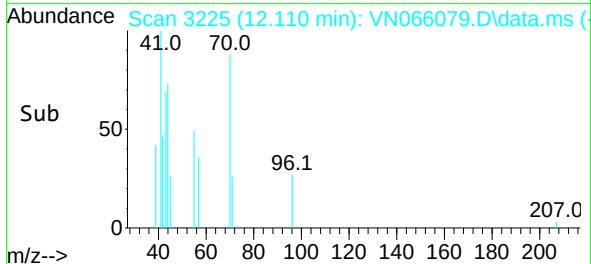
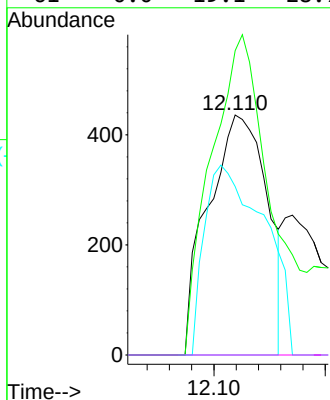


#74
N-amy1 acetate
Concen: 0.48 ug/l
RT: 12.110 min Scan# 3225
Delta R.T. 0.068 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

Instrument :
MSVOA_N
ClientSampleId :
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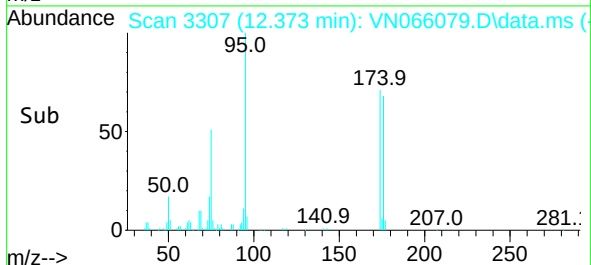
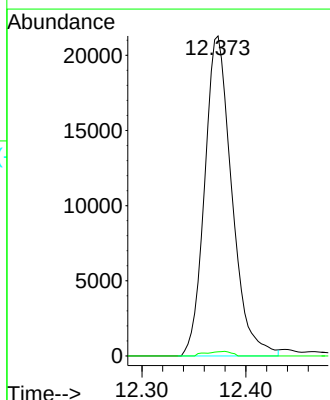
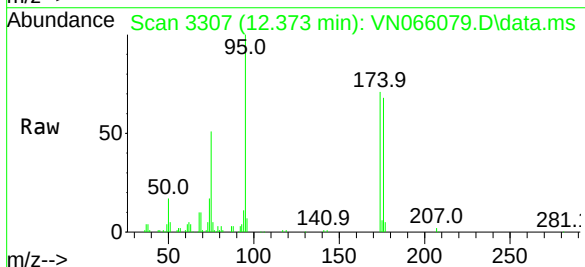


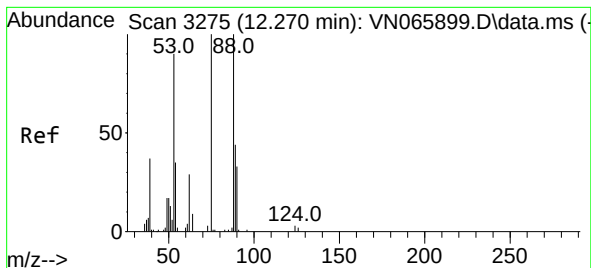
Tgt Ion: 43	Resp: 804
Ion Ratio	Lower Upper
43 100	
70 135.4	34.4 51.6#
55 80.6	20.7 31.1#
61 0.0	19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 27.42 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

Tgt Ion: 75	Resp: 38658
Ion Ratio	Lower Upper
75 100	
77 1.3	0.0 0.0#

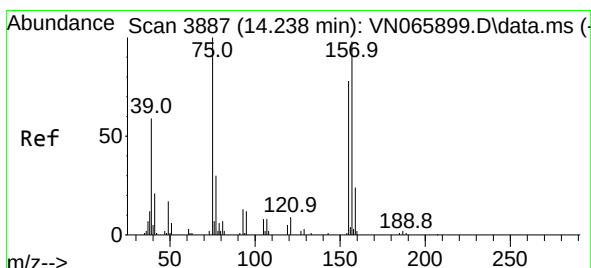
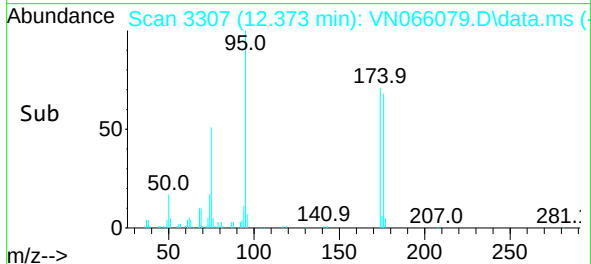
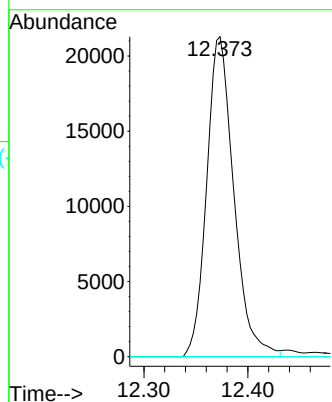
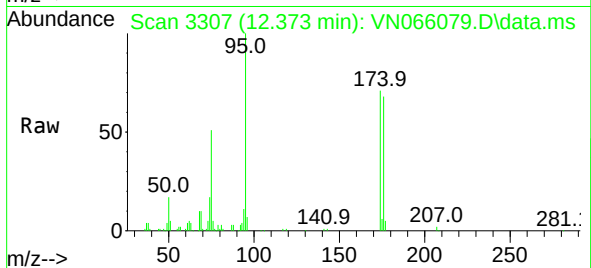




#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.39 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN066079.D
 Acq: 1 Mar 2021 15:54

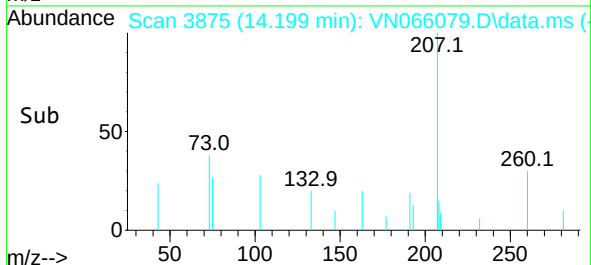
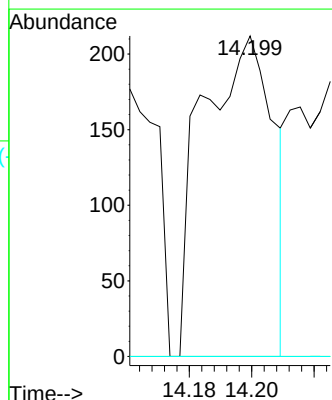
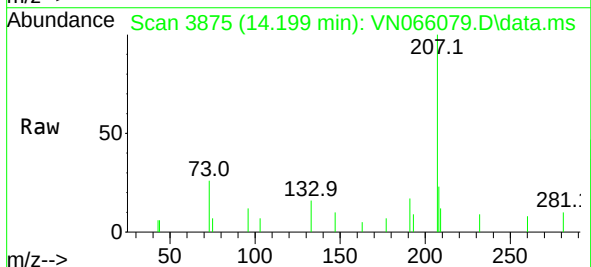
Instrument :
 MSVOA_N
 ClientSampleId :
 GW806-31-36-022621-FD

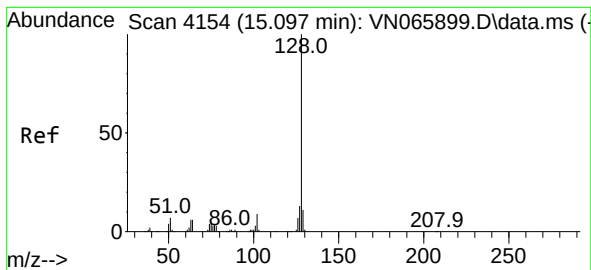
Tgt Ion: 75 Resp: 38658
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.03 ug/l
 RT: 14.199 min Scan# 3875
 Delta R.T. -0.039 min
 Lab File: VN066079.D
 Acq: 1 Mar 2021 15:54

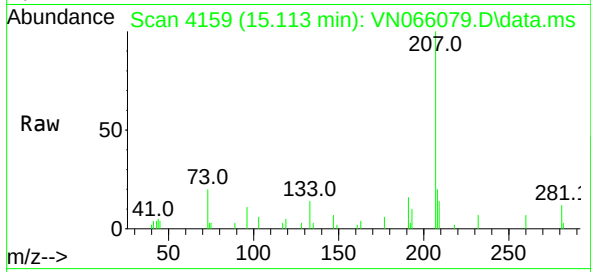
Tgt Ion: 75 Resp: 336
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.1 132.4#
 157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.09 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.016 min
Lab File: VN066079.D
Acq: 1 Mar 2021 15:54

Instrument :
MSVOA_N
ClientSampleId :
GW806-31-36-022621-FD



Tgt Ion:128 Resp: 105
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

