

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066076.D
 Acq On : 1 Mar 2021 14:45
 Operator : JC/MD
 Sample : M1519-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW805-29-34-022621

Quant Time: Mar 01 21:42:38 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)

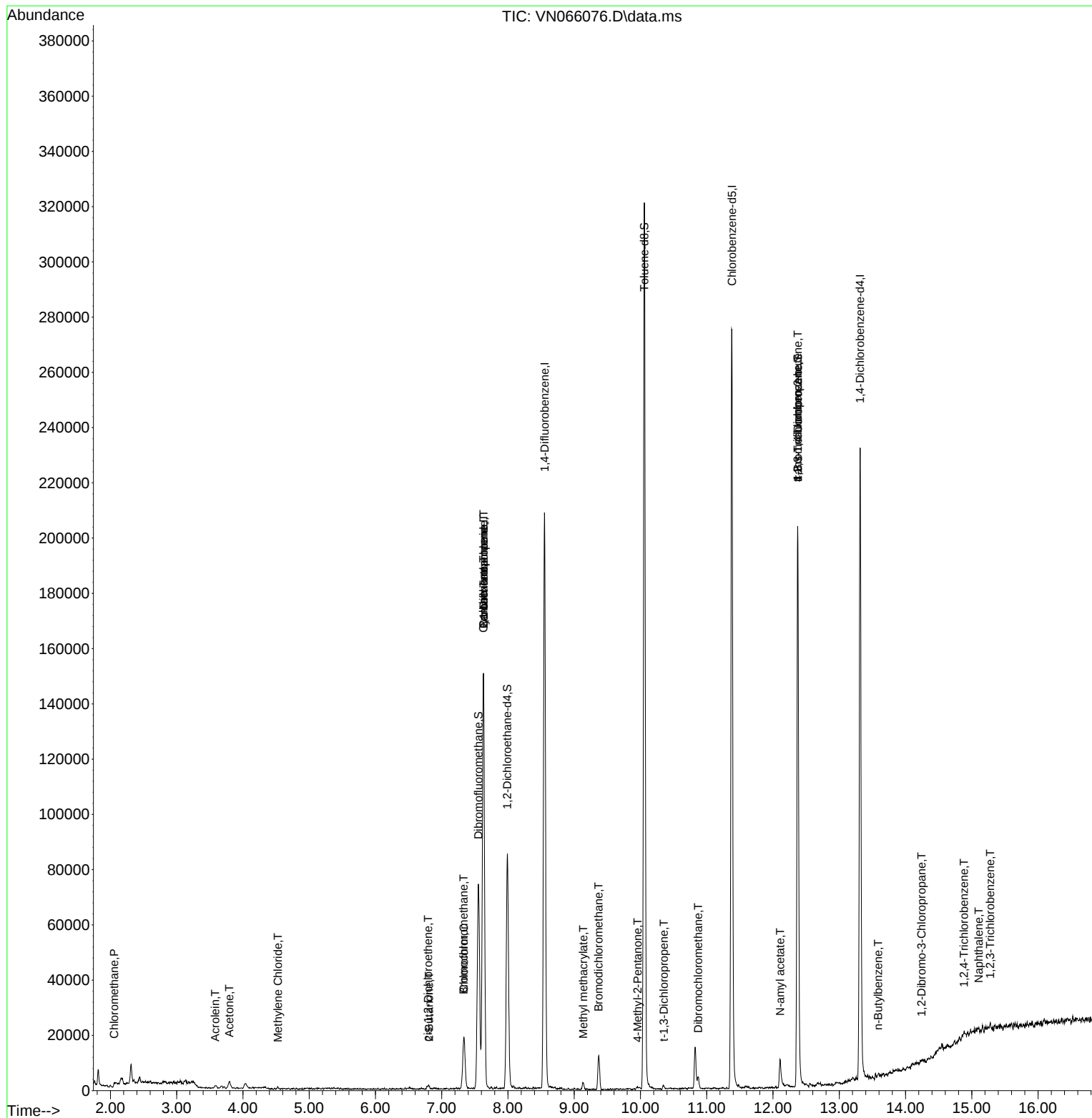
Internal Standards						
1) Pentafluorobenzene	7.631	168	119100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	190898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	172926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	66301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	80267	48.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.38%		
35) Dibromofluoromethane	7.553	113	58061	49.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.28%		
50) Toluene-d8	10.058	98	232416	47.92	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.84%		
62) 4-Bromofluorobenzene	12.373	95	82086	45.09	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.18%		
Target Compounds					Qvalue	
3) Chloromethane	2.055	50	884	0.45	ug/l	96
13) Acrolein	3.582	56	1220	5.76	ug/l	95
16) Acetone	3.795	43	4716	7.46	ug/l	98
20) Methylene Chloride	4.528	84	343	0.22	ug/l #	11
25) 2-Butanone	6.807	43	309	0.37	ug/l #	46
27) cis-1,2-Dichloroethene	6.795	96	754	0.47	ug/l	75
28) Bromochloromethane	7.332	49	1406	1.16	ug/l #	9
30) Chloroform	7.335	83	20433	7.84	ug/l	98
31) Cyclohexane	7.627	56	2418	0.97	ug/l #	25
36) 1,1-Dichloropropene	7.631	75	8803	4.68	ug/l #	48
38) Carbon Tetrachloride	7.631	117	11971	6.84	ug/l #	17
47) Bromodichloromethane	9.367	83	9553	5.21	ug/l	96
48) Methyl methacrylate	9.135	41	743	0.54	ug/l #	27
51) 4-Methyl-2-Pentanone	9.955	43	940	0.57	ug/l #	68
53) t-1,3-Dichloropropene	10.354	75	29	1.99	ug/l #	42
60) Dibromochloromethane	10.872	129	2556	1.88	ug/l	96
74) N-amyl acetate	12.109	43	2509	1.34	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	41642	26.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	41642	83.32	ug/l #	12
89) n-Butylbenzene	13.585	91	766	0.20	ug/l #	72
92) 1,2-Dibromo-3-Chloropr...	14.241	75	405	2.11	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.881	180	451	2.83	ug/l #	48
95) Naphthalene	15.106	128	1968	3.54	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.280	180	488	2.56	ug/l	85

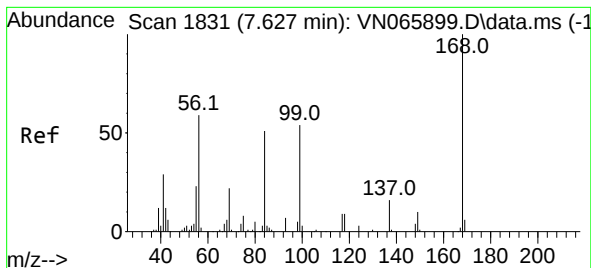
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 01 21:42:38 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.631 min Scan# 1832

Delta R.T. 0.004 min

Lab File: VN066076.D

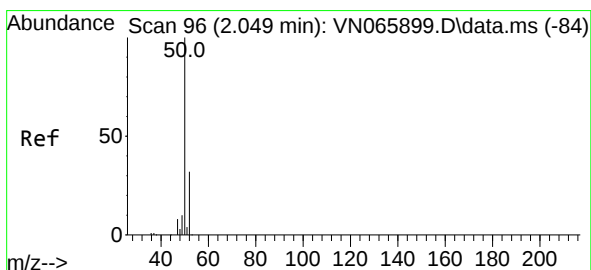
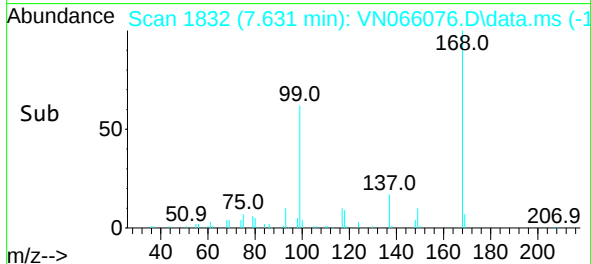
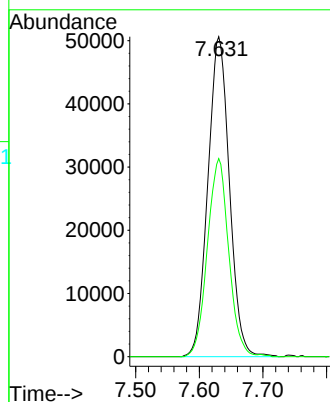
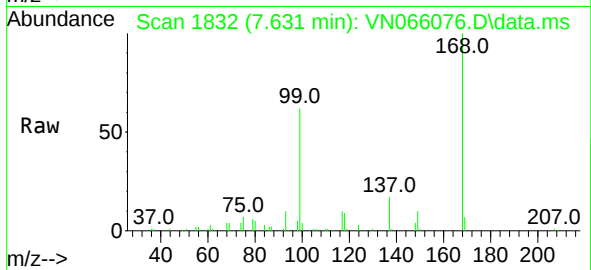
Acq: 1 Mar 2021 14:45

Tgt Ion:168 Resp: 119100

Ion Ratio Lower Upper

168 100

99 61.9 42.6 63.8



#3

Chloromethane

Concen: 0.45 ug/l

RT: 2.055 min Scan# 98

Delta R.T. 0.006 min

Lab File: VN066076.D

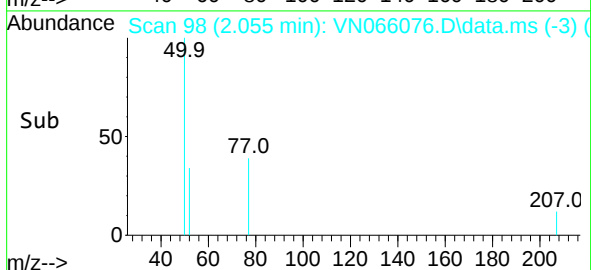
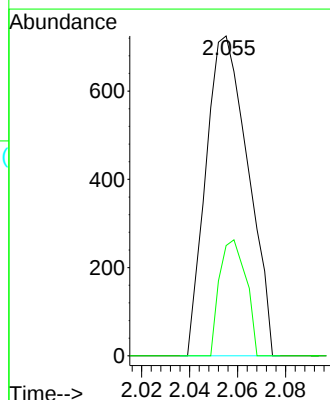
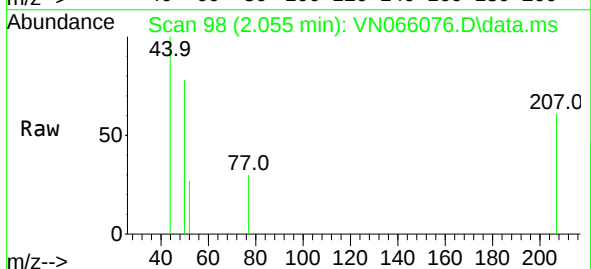
Acq: 1 Mar 2021 14:45

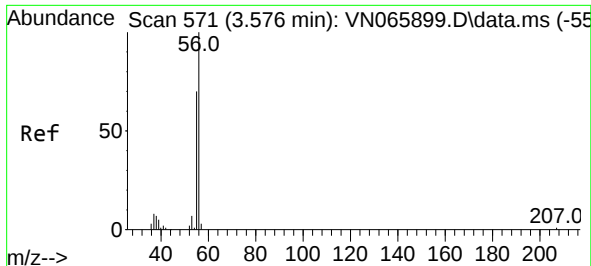
Tgt Ion: 50 Resp: 884

Ion Ratio Lower Upper

50 100

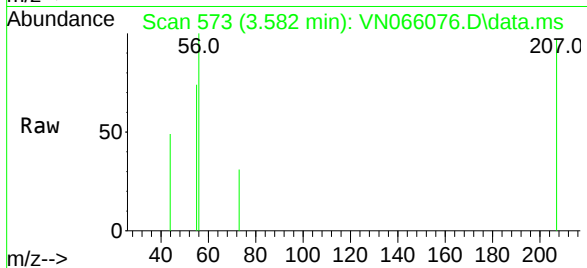
52 34.5 25.8 38.8



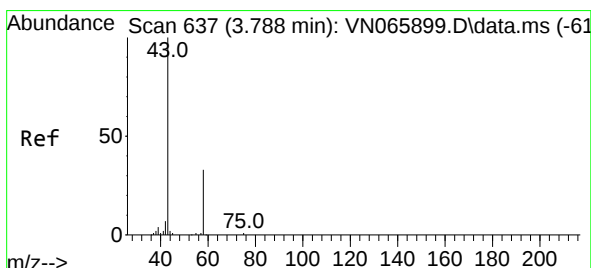
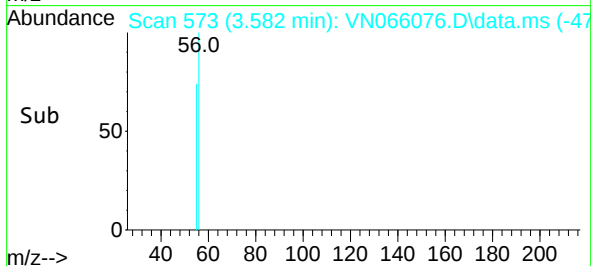
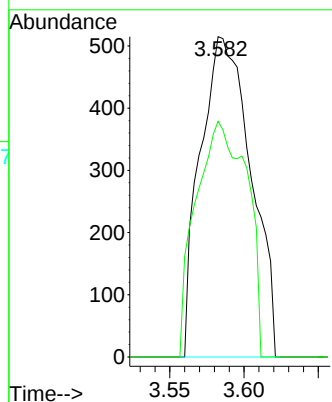


#13
Acrolein
Concen: 5.76 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.006 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

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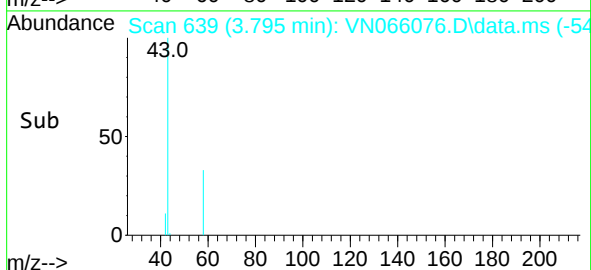
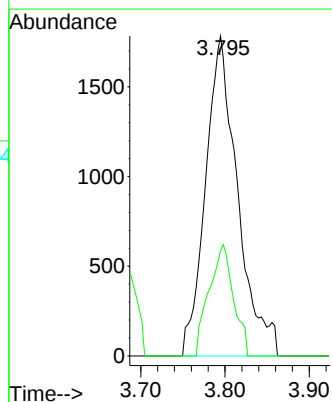
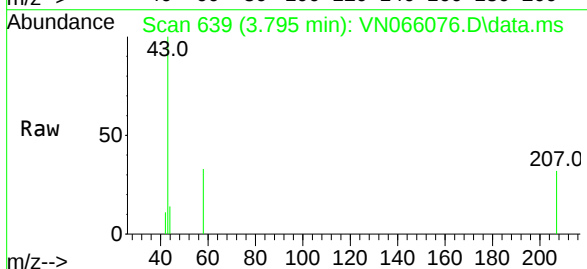


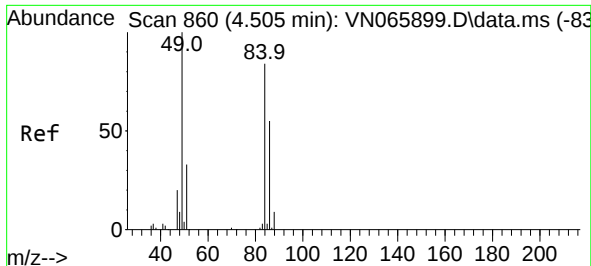
Tgt Ion: 56 Resp: 1220
Ion Ratio Lower Upper
56 100
55 74.0 56.0 84.0



#16
Acetone
Concen: 7.46 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

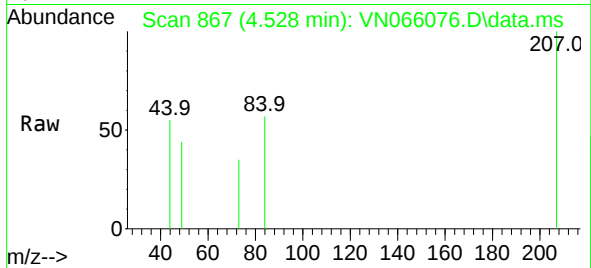
Tgt Ion: 43 Resp: 4716
Ion Ratio Lower Upper
43 100
58 32.9 27.0 40.6



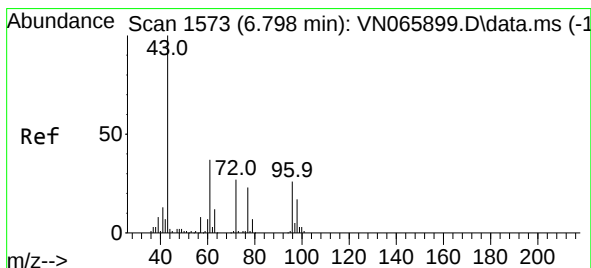
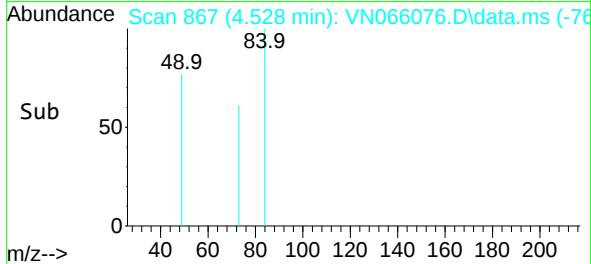
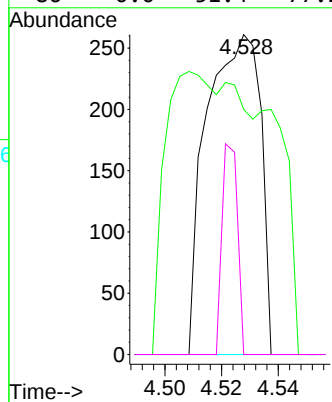


#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 4.528 min Scan# 867
Delta R.T. 0.023 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :
GW805-29-34-022621

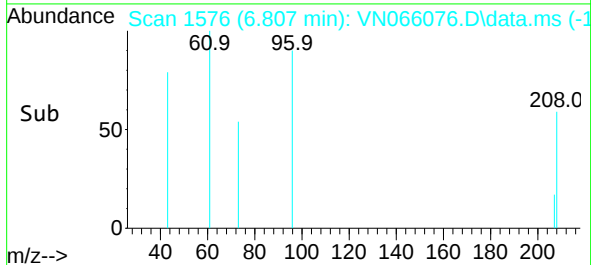
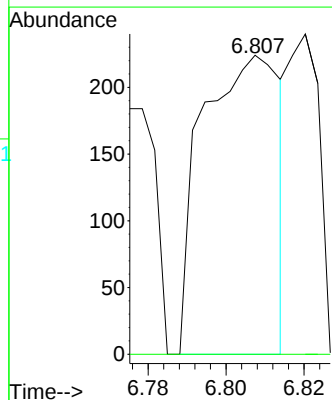
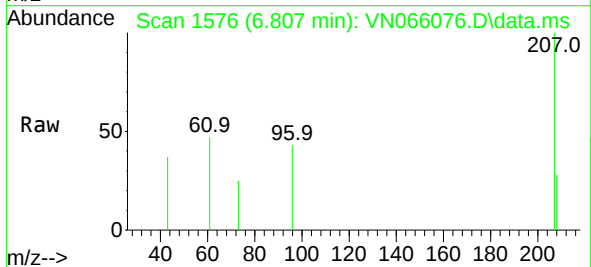


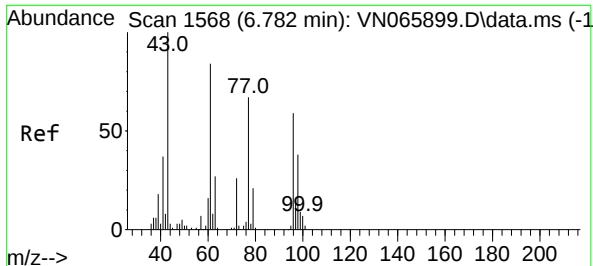
Tgt Ion: 84	Resp: 343
Ion Ratio	Lower Upper
84 100	
49 5.7	94.6 141.8#
51 0.0	29.9 44.9#
86 0.0	51.4 77.2#



#25
2-Butanone
Concen: 0.37 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Tgt Ion: 43	Resp: 309
Ion Ratio	Lower Upper
43 100	
72 0.0	23.1 34.7#



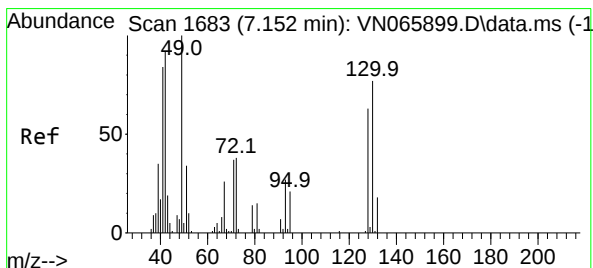
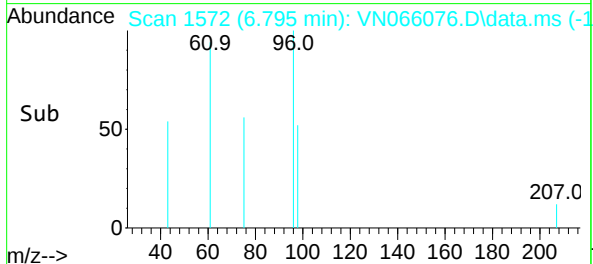
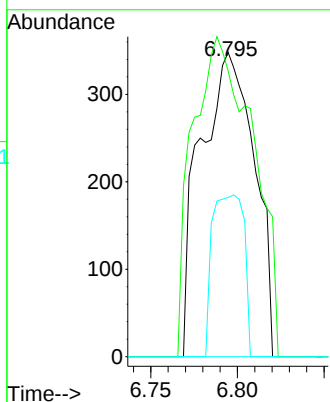
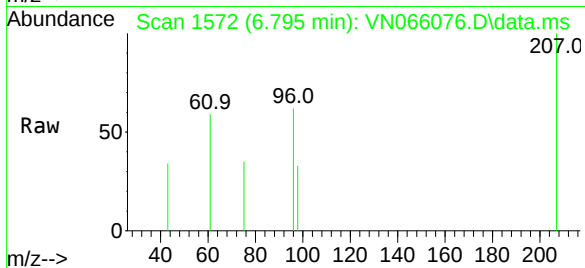


#27

cis-1,2-Dichloroethene
Concen: 0.47 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. 0.013 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :
GW805-29-34-022621

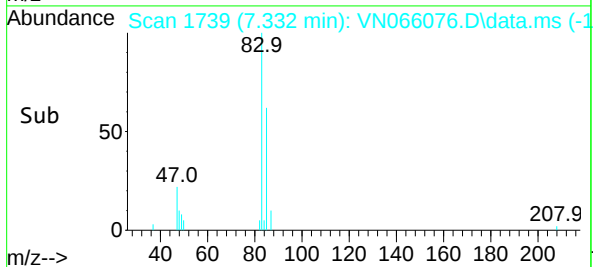
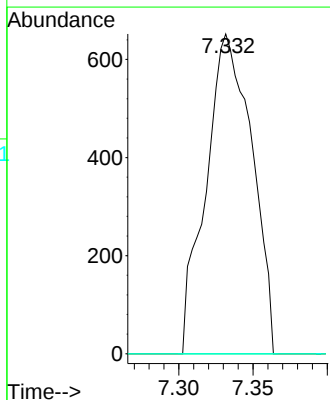
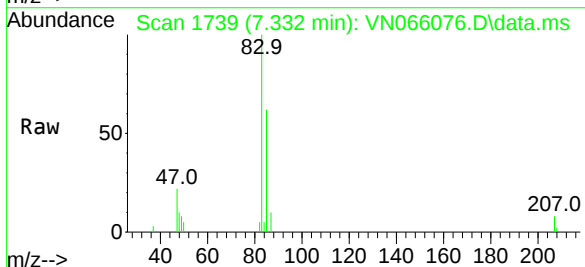
Tgt Ion: 96 Resp: 754
Ion Ratio Lower Upper
96 100
61 117.6 0.0 276.8
98 31.0 0.0 129.4

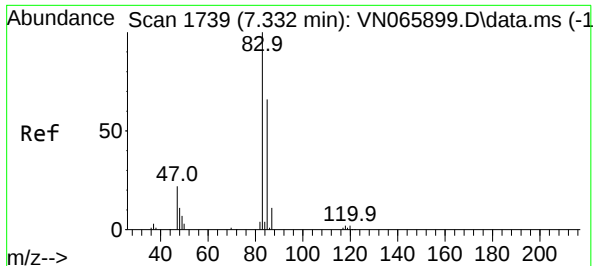


#28

Bromochloromethane
Concen: 1.16 ug/l
RT: 7.332 min Scan# 1739
Delta R.T. 0.180 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Tgt Ion: 49 Resp: 1406
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 67.8 101.6#



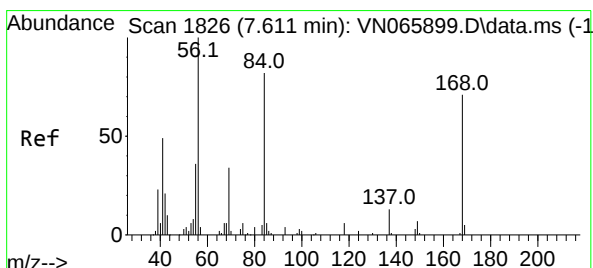
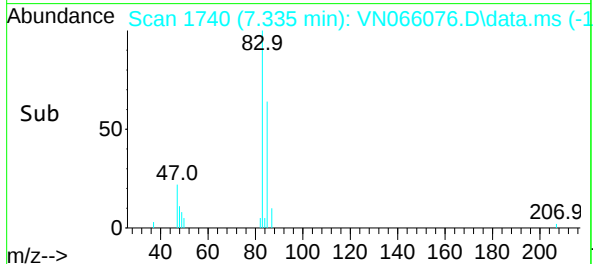
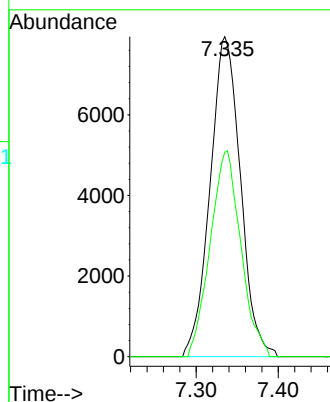
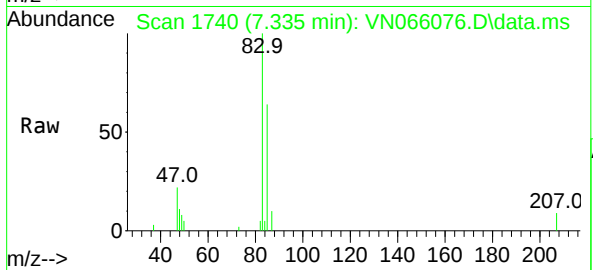


#30

Chloroform
Concen: 7.84 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.003 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

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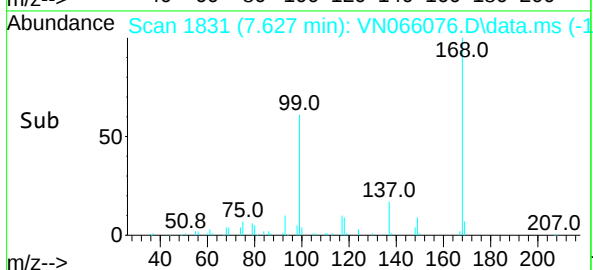
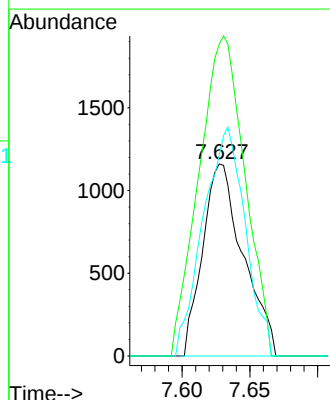
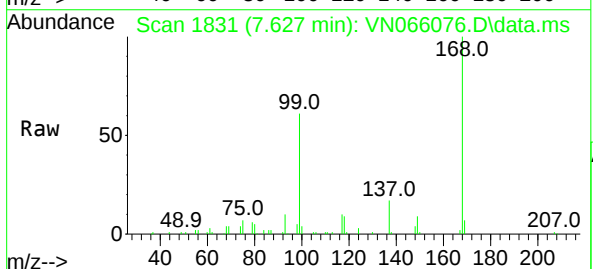
Tgt Ion: 83 Resp: 20433
Ion Ratio Lower Upper
83 100
85 63.9 52.6 78.8

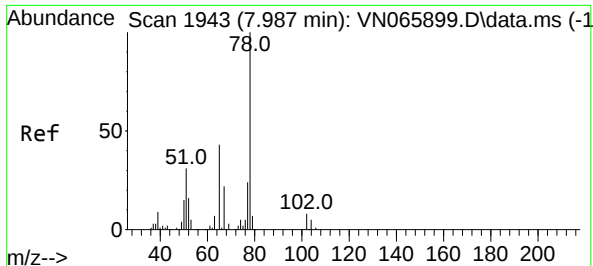


#31

Cyclohexane
Concen: 0.97 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

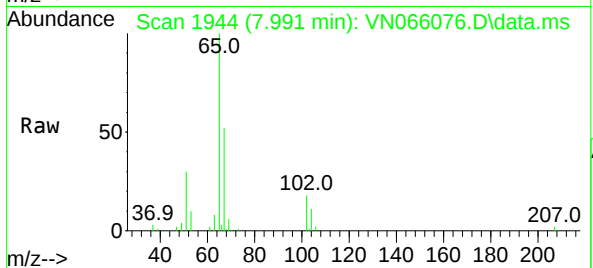
Tgt Ion: 56 Resp: 2418
Ion Ratio Lower Upper
56 100
69 162.5 26.6 39.8#
84 104.7 70.4 105.6



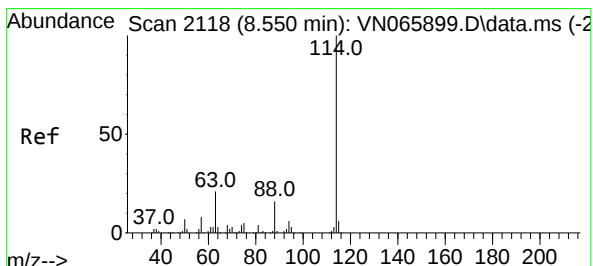
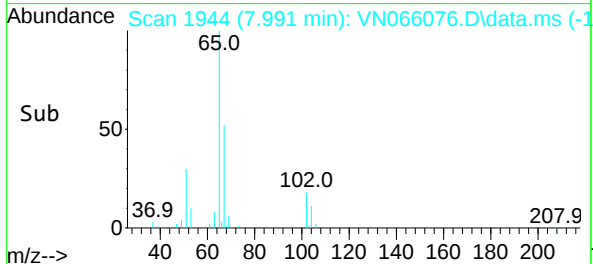
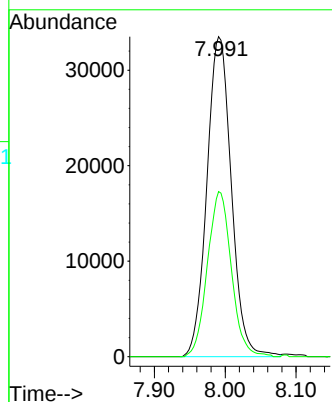


#33
1,2-Dichloroethane-d4
Concen: 48.19 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

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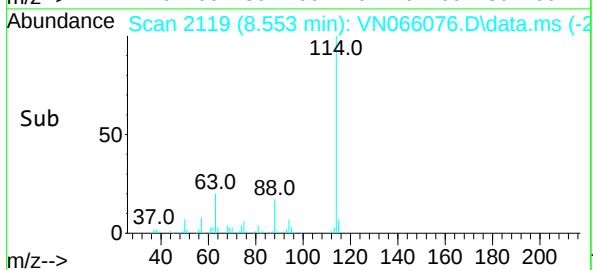
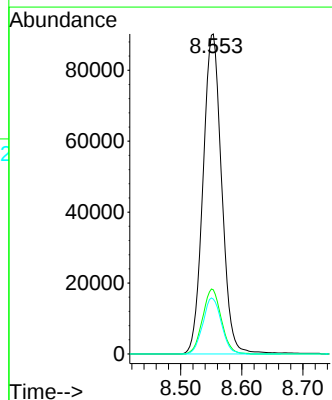
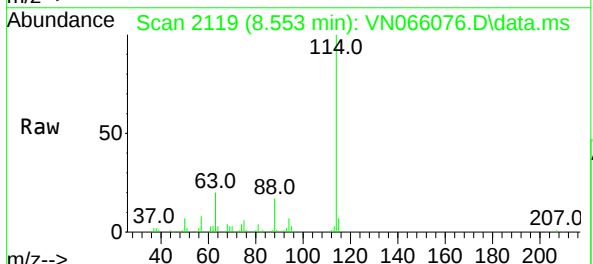


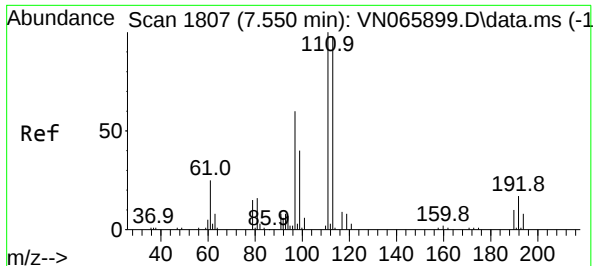
Tgt Ion: 65 Resp: 80267
Ion Ratio Lower Upper
65 100
67 50.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Tgt Ion: 114 Resp: 190898
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.6
88 17.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.14 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN066076.D

Acq: 1 Mar 2021 14:45

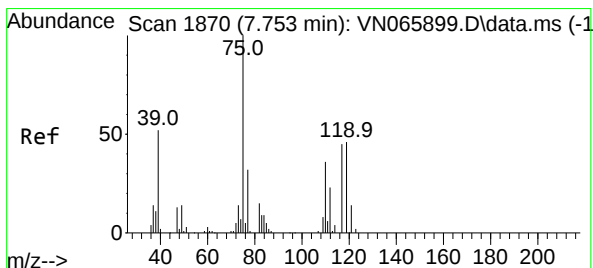
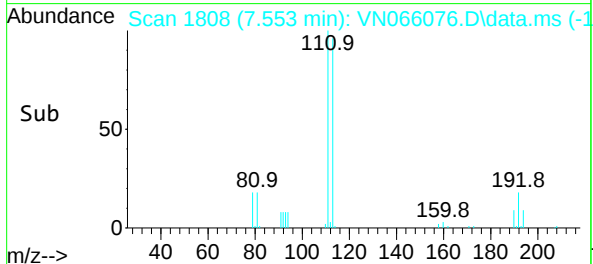
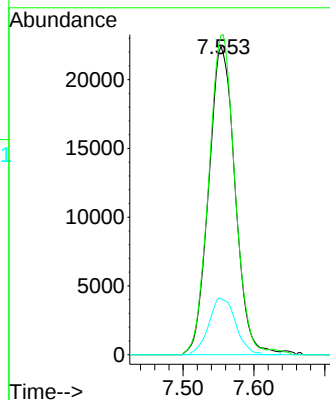
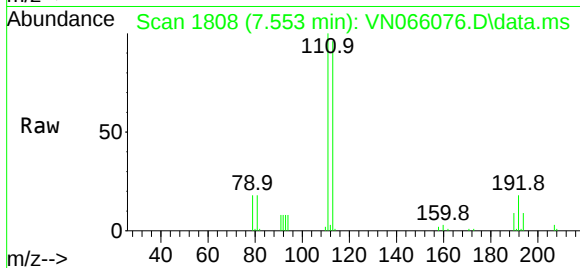
Tgt Ion: 113 Resp: 58061

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 18.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.68 ug/l

RT: 7.631 min Scan# 1832

Delta R.T. -0.122 min

Lab File: VN066076.D

Acq: 1 Mar 2021 14:45

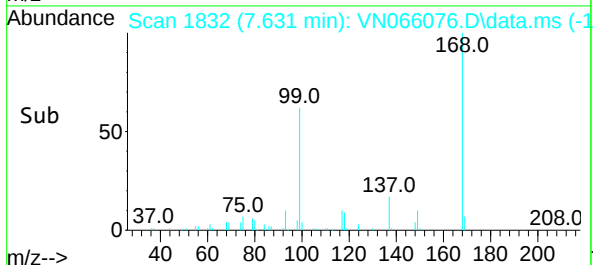
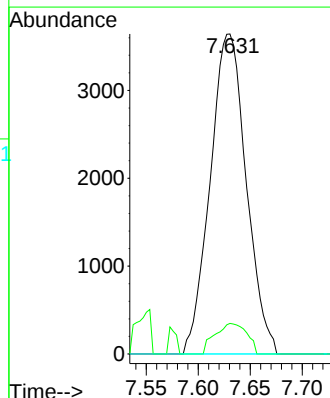
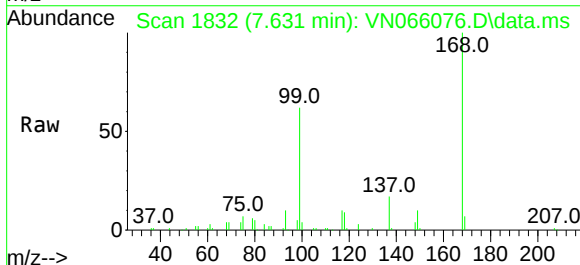
Tgt Ion: 75 Resp: 8803

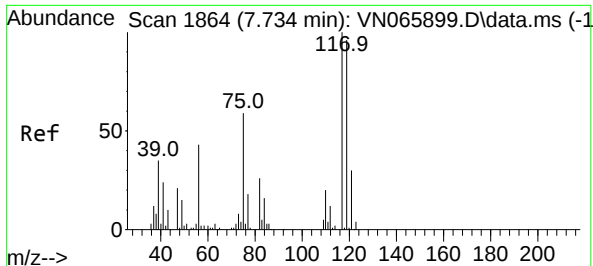
Ion Ratio Lower Upper

75 100

110 8.4 18.2 54.6#

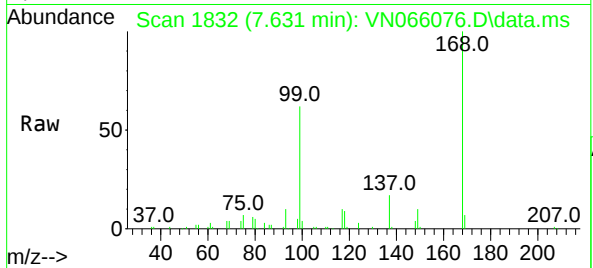
77 0.0 24.9 37.3#



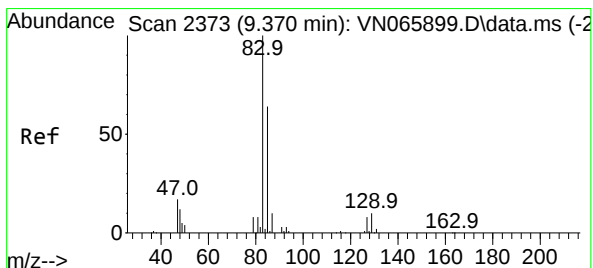
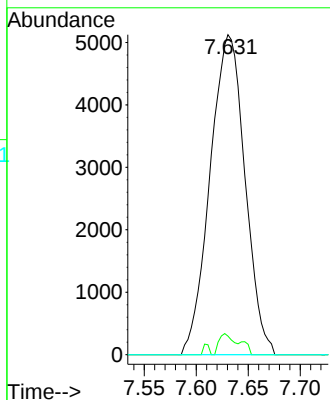
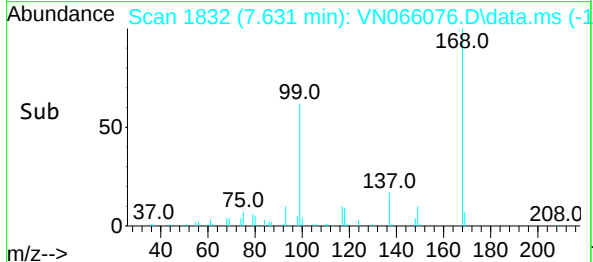


#38
Carbon Tetrachloride
Concen: 6.84 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

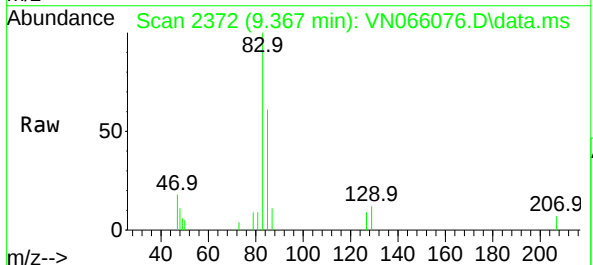
Instrument :
MSVOA_N
ClientSampleId :
GW805-29-34-022621



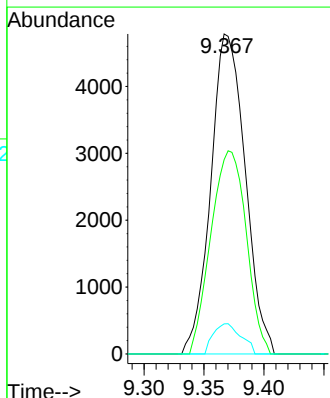
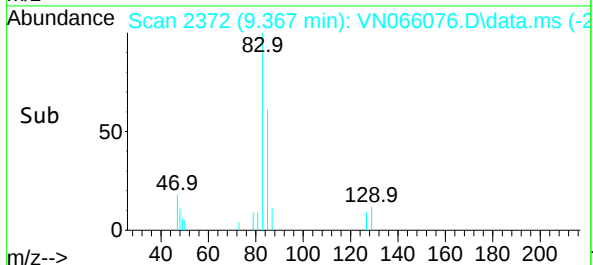
Tgt Ion:117 Resp: 11971
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.5 36.7#

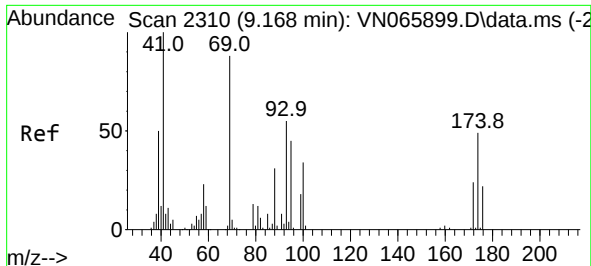


#47
Bromodichloromethane
Concen: 5.21 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45



Tgt Ion: 83 Resp: 9553
Ion Ratio Lower Upper
83 100
85 60.7 51.0 76.4
127 9.4 7.0 10.6





#48

Methyl methacrylate

Concen: 0.54 ug/l

RT: 9.135 min Scan# 2300

Delta R.T. -0.033 min

Lab File: VN066076.D

Acq: 1 Mar 2021 14:45

Tgt Ion: 41 Resp: 743

Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

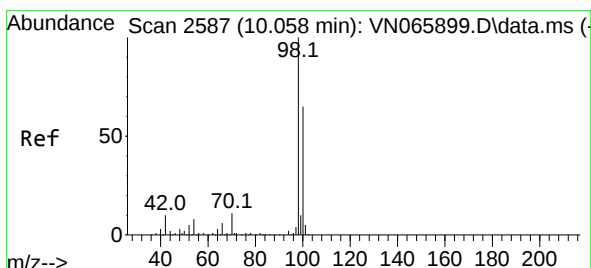
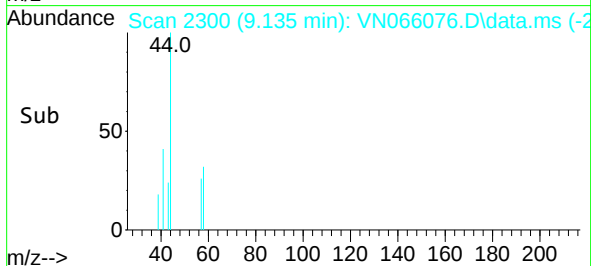
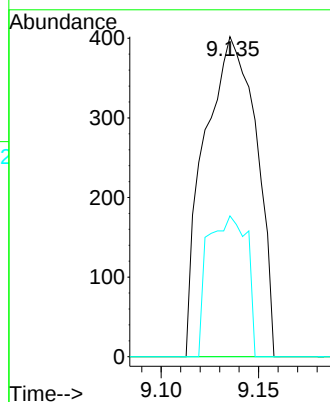
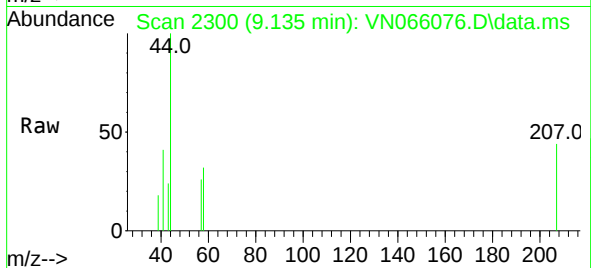
39 33.1 46.6 69.8#

Instrument :

MSVOA_N

ClientSampleId :

GW805-29-34-022621



#50

Toluene-d8

Concen: 47.92 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN066076.D

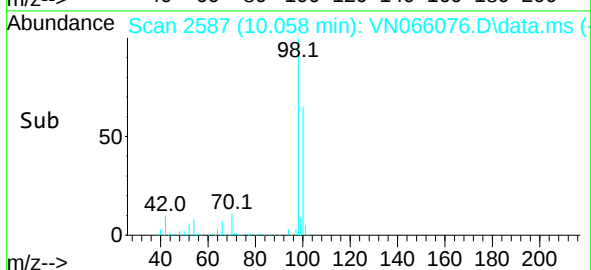
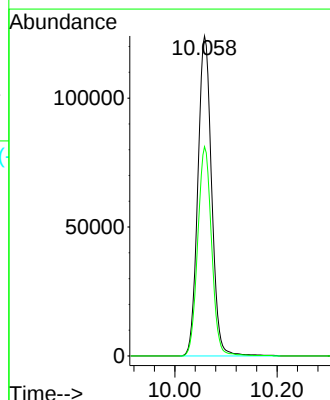
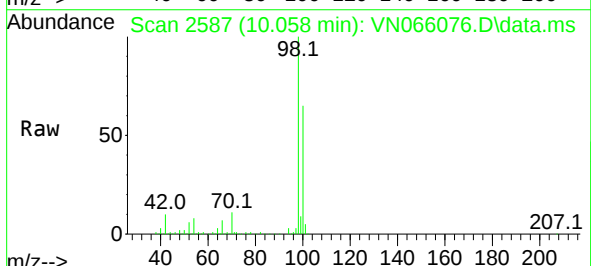
Acq: 1 Mar 2021 14:45

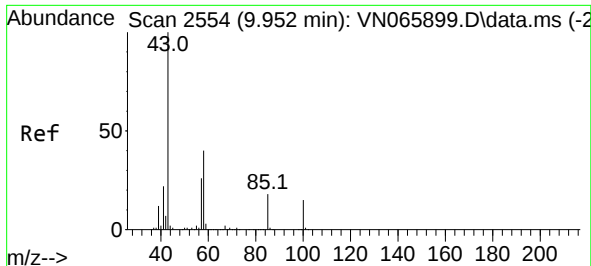
Tgt Ion: 98 Resp: 232416

Ion Ratio Lower Upper

98 100

100 65.8 50.5 75.7

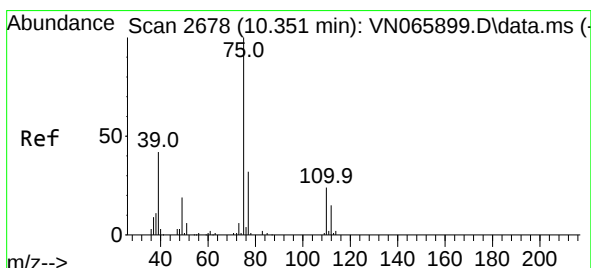
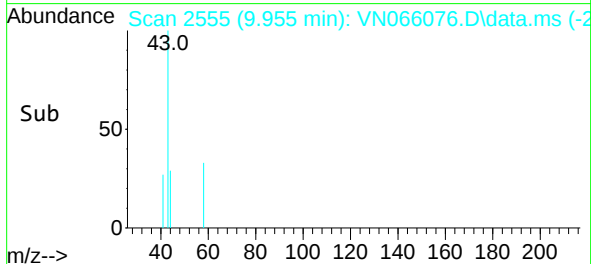
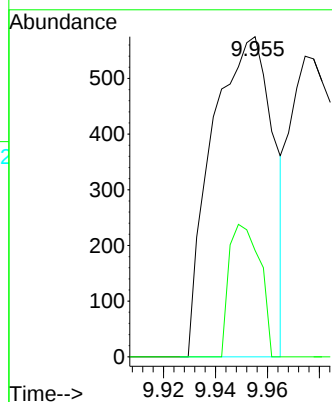
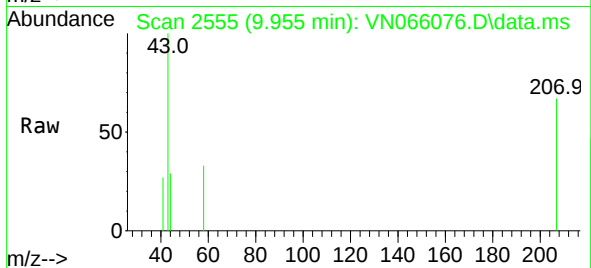




#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

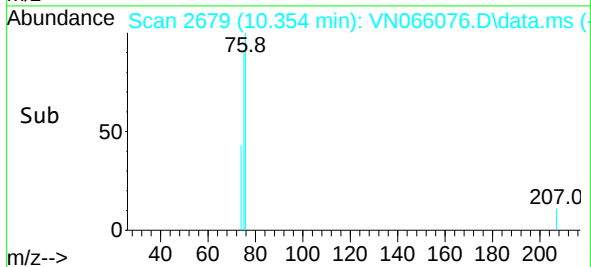
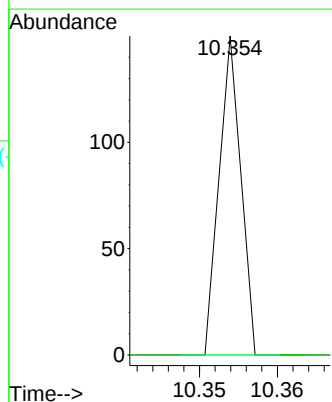
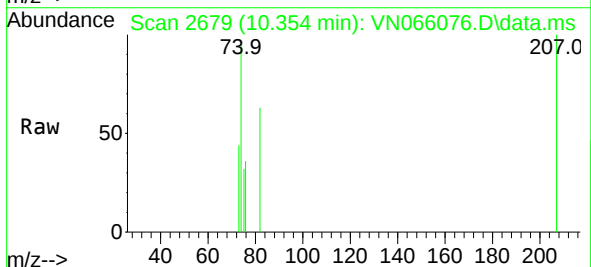
Instrument :
MSVOA_N
ClientSampleId :
GW805-29-34-022621

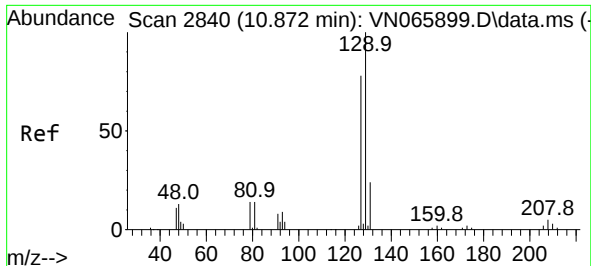
Tgt Ion: 43 Resp: 940
Ion Ratio Lower Upper
43 100
58 20.9 32.5 48.7#



#53
t-1,3-Dichloropropene
Concen: 1.99 ug/l
RT: 10.354 min Scan# 2679
Delta R.T. 0.003 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Tgt Ion: 75 Resp: 29
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#

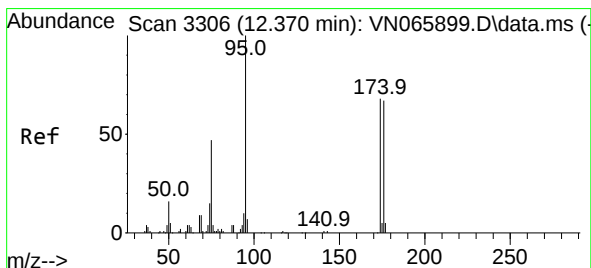
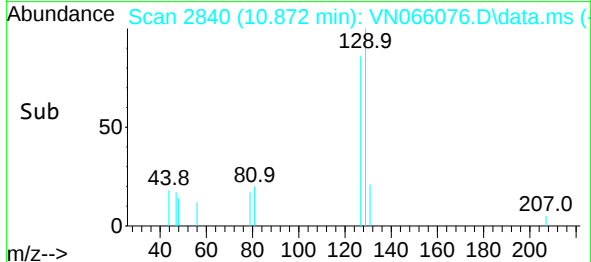
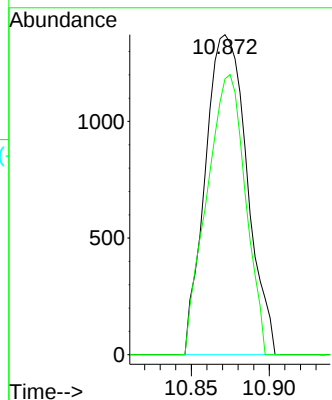
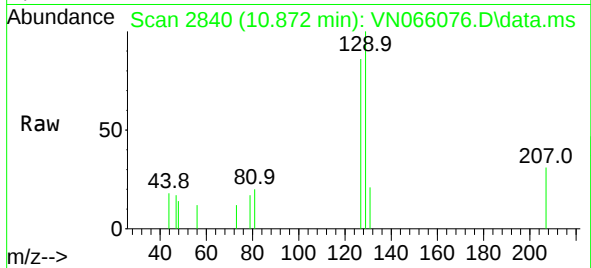




#60
Dibromochloromethane
Concen: 1.88 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

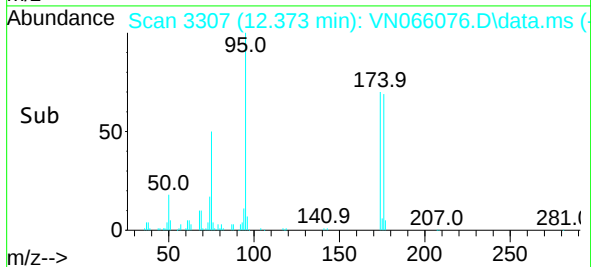
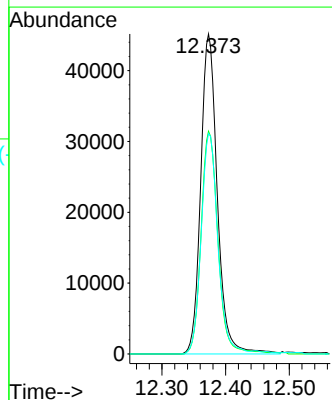
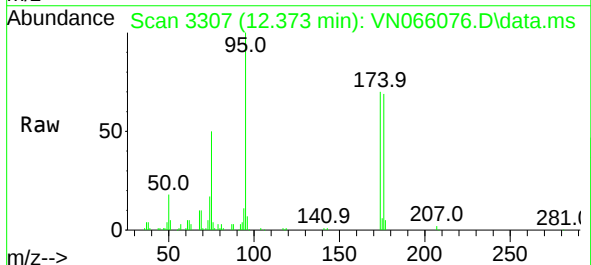
Instrument :
MSVOA_N
ClientSampleId :
GW805-29-34-022621

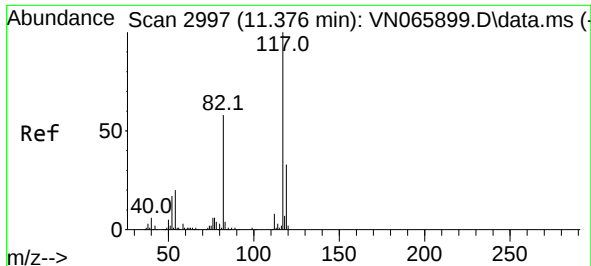
Tgt Ion:129 Resp: 2556
Ion Ratio Lower Upper
129 100
127 80.5 38.5 115.5



#62
4-Bromofluorobenzene
Concen: 45.09 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Tgt Ion: 95 Resp: 82086
Ion Ratio Lower Upper
95 100
174 70.4 0.0 169.0
176 69.1 0.0 162.4

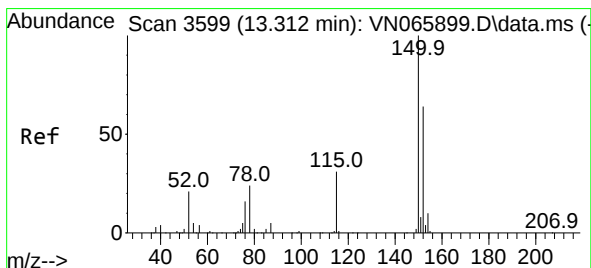
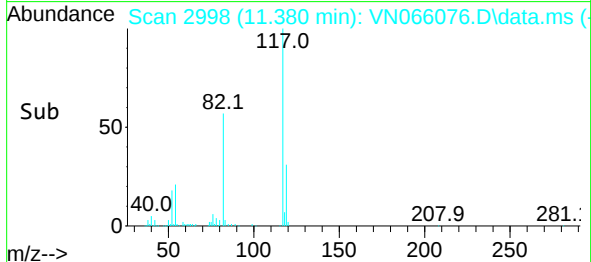
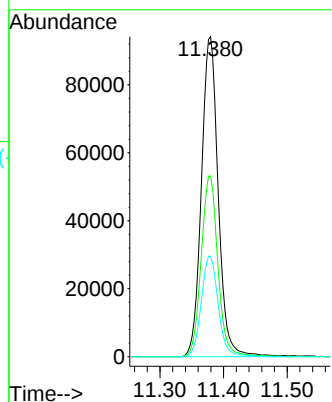
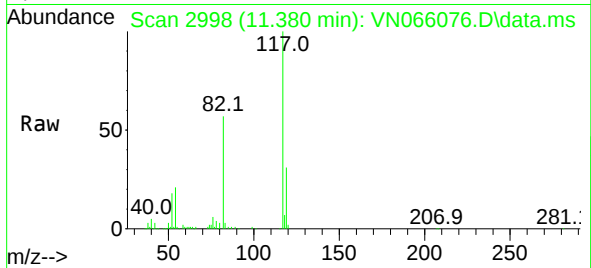




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

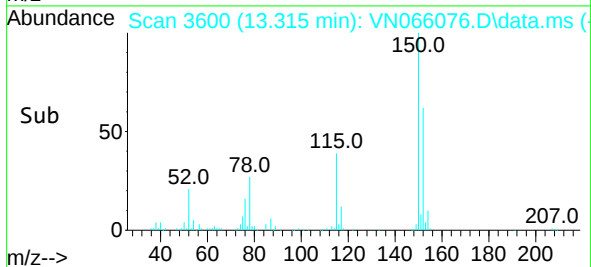
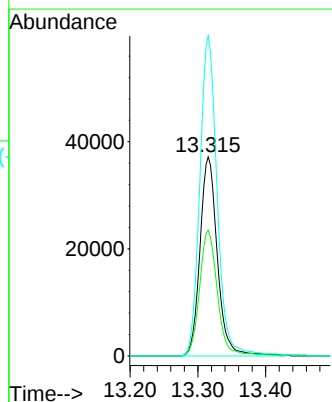
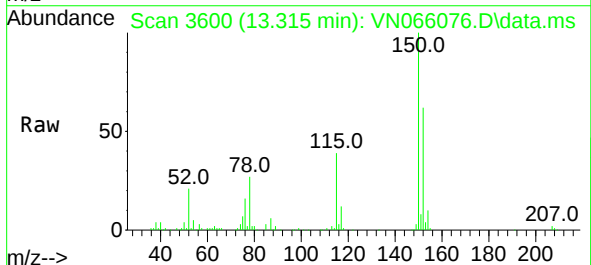
Instrument :
MSVOA_N
ClientSampleId :
GW805-29-34-022621

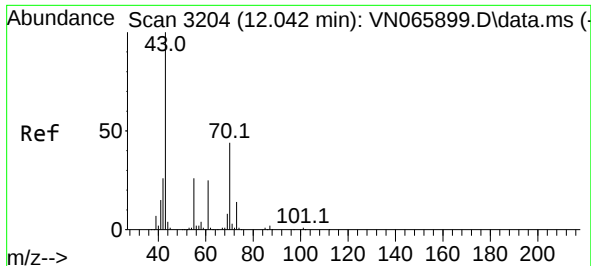
Tgt Ion:117 Resp: 172926
Ion Ratio Lower Upper
117 100
82 56.5 43.7 65.5
119 31.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

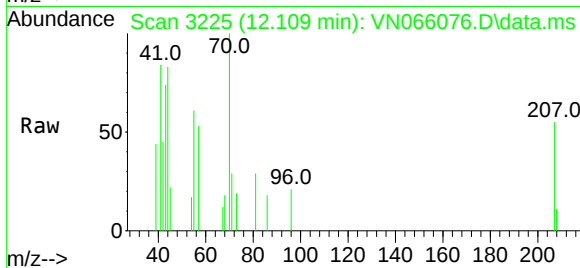
Tgt Ion:152 Resp: 66301
Ion Ratio Lower Upper
152 100
115 64.9 28.5 85.6
150 160.6 0.0 347.6



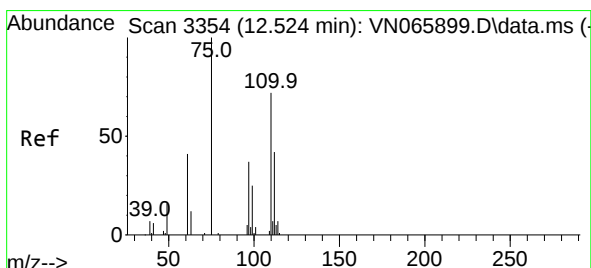
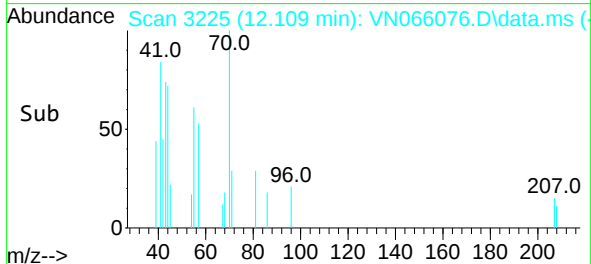
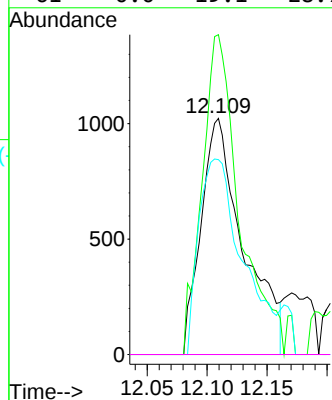


#74
N-amy1 acetate
Concen: 1.34 ug/l
RT: 12.109 min Scan# 3225
Delta R.T. 0.067 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :
GW805-29-34-022621

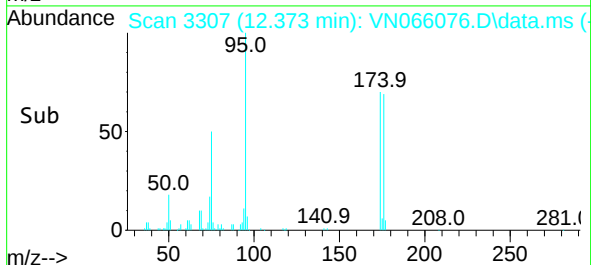
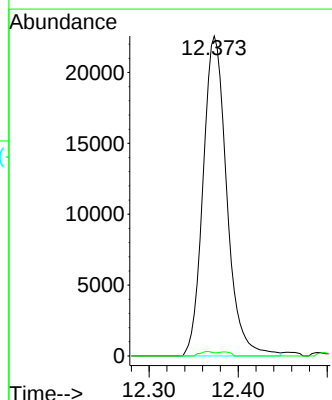
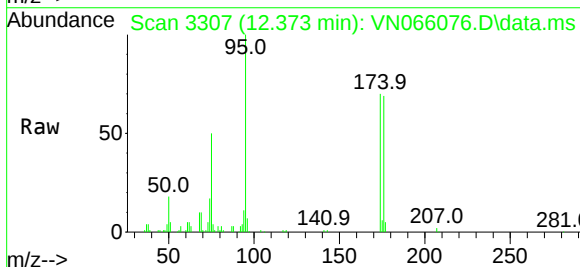


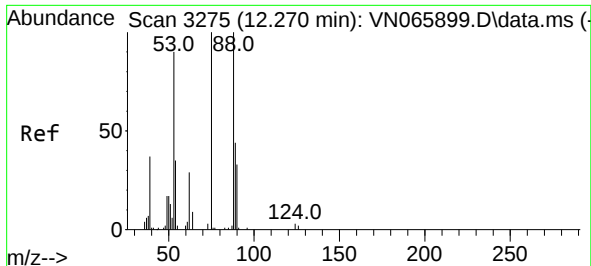
Tgt Ion: 43	Resp: 2509
Ion Ratio	Lower Upper
43 100	
70 119.5	34.4 51.6#
55 85.8	20.7 31.1#
61 0.0	19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 26.14 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Tgt Ion: 75	Resp: 41642
Ion Ratio	Lower Upper
75 100	
77 0.6	0.0 0.0#

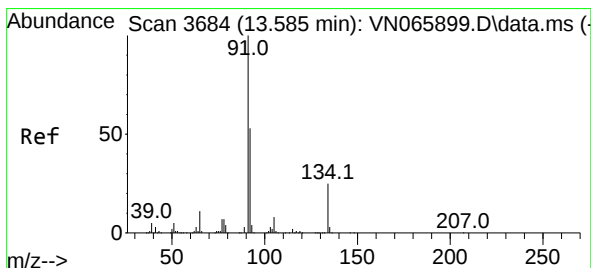
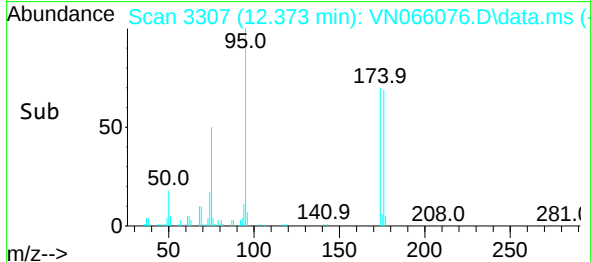
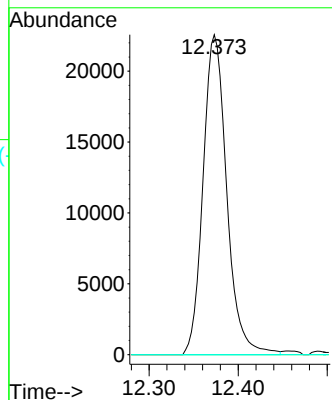
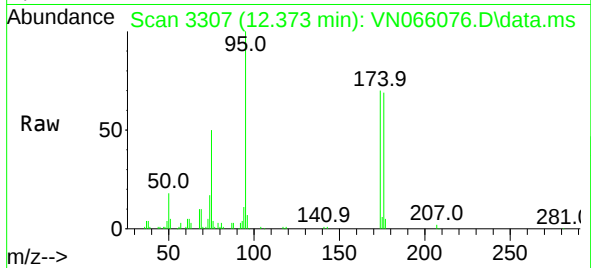




#81
trans-1,4-Dichloro-2-butene
Concen: 83.32 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

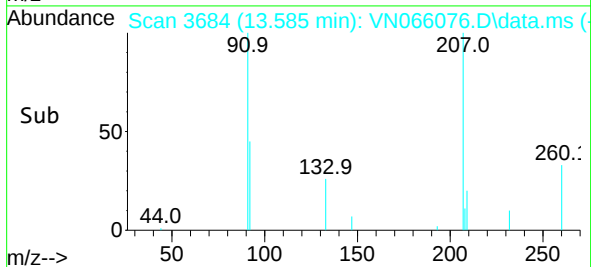
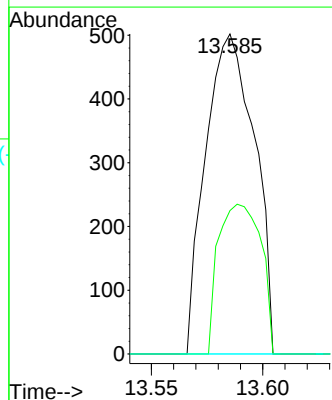
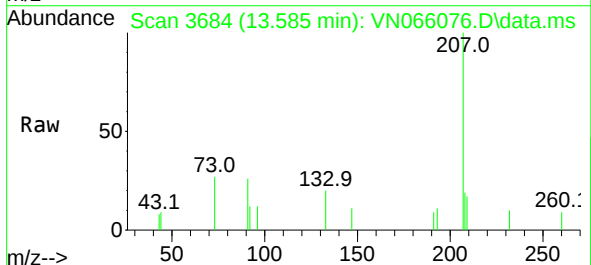
Instrument :
MSVOA_N
ClientSampleId :
GW805-29-34-022621

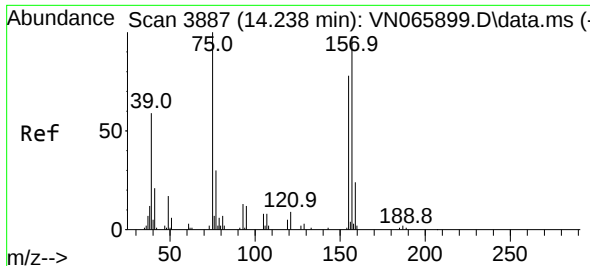
Tgt Ion: 75 Resp: 41642
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#89
n-Butylbenzene
Concen: 0.20 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Tgt Ion: 91 Resp: 766
Ion Ratio Lower Upper
91 100
92 40.7 26.1 78.3
134 0.0 13.0 38.9#

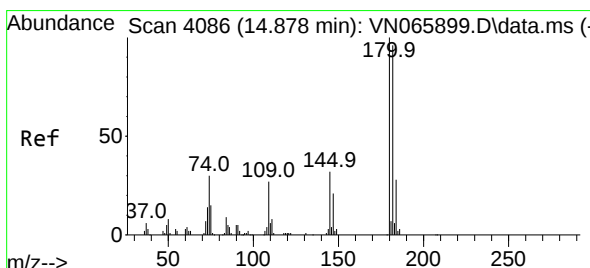
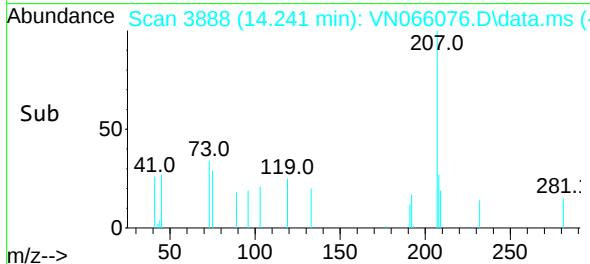
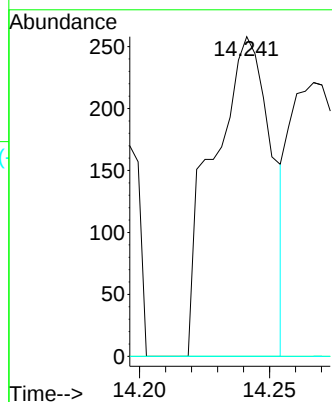
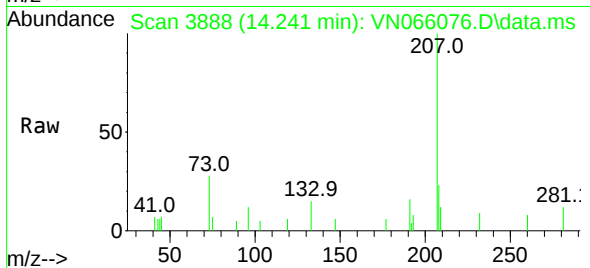




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.11 ug/l
RT: 14.241 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

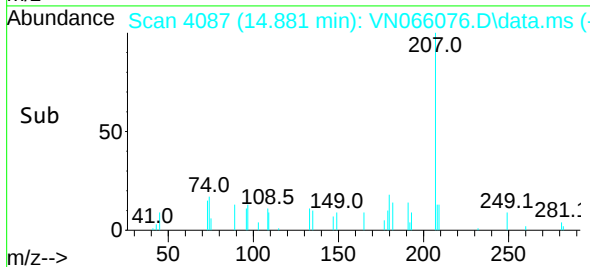
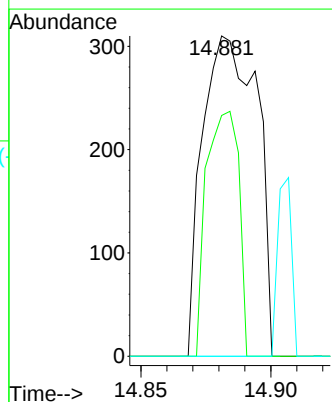
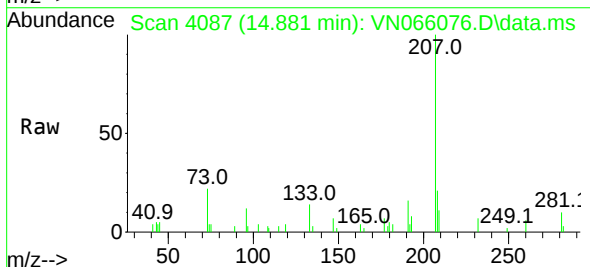
Instrument :
MSVOA_N
ClientSampleId :
GW805-29-34-022621

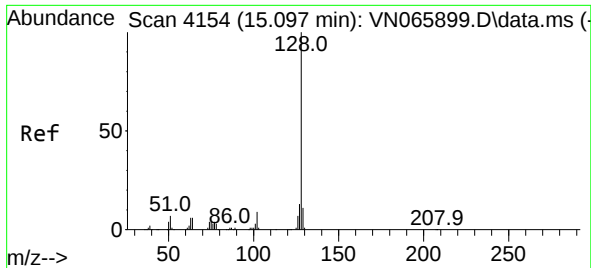
Tgt Ion: 75 Resp: 405
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#93
1,2,4-Trichlorobenzene
Concen: 2.83 ug/l
RT: 14.881 min Scan# 4087
Delta R.T. 0.003 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Tgt Ion:180 Resp: 451
Ion Ratio Lower Upper
180 100
182 45.2 47.3 142.0#
145 0.0 15.6 46.8#

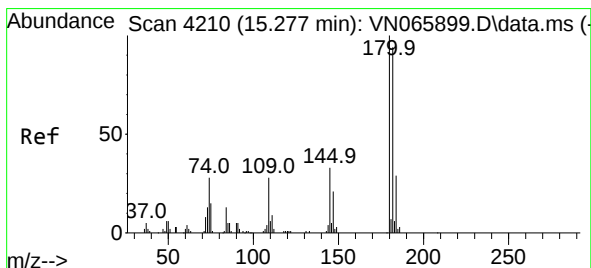
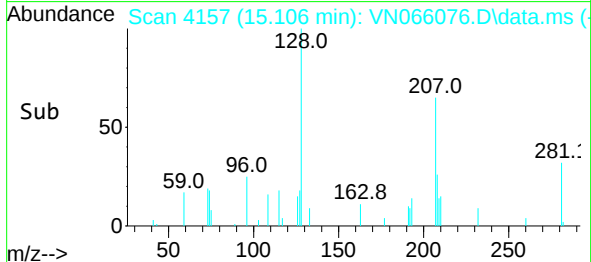
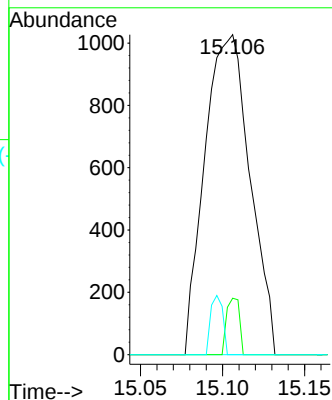
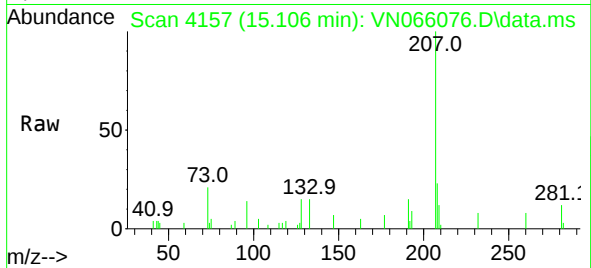




#95
Naphthalene
Concen: 3.54 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.009 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :
GW805-29-34-022621

Tgt Ion:128 Resp: 1968
Ion Ratio Lower Upper
128 100
127 5.0 10.2 15.2#
129 4.9 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.56 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. 0.003 min
Lab File: VN066076.D
Acq: 1 Mar 2021 14:45

Tgt Ion:180 Resp: 488
Ion Ratio Lower Upper
180 100
182 82.0 47.4 142.3
145 21.3 16.5 49.5

