

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066048.D
 Acq On : 26 Feb 2021 14:02
 Operator : JC/MD
 Sample : M1504-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW805-10-15-022521

Quant Time: Feb 26 23:32:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

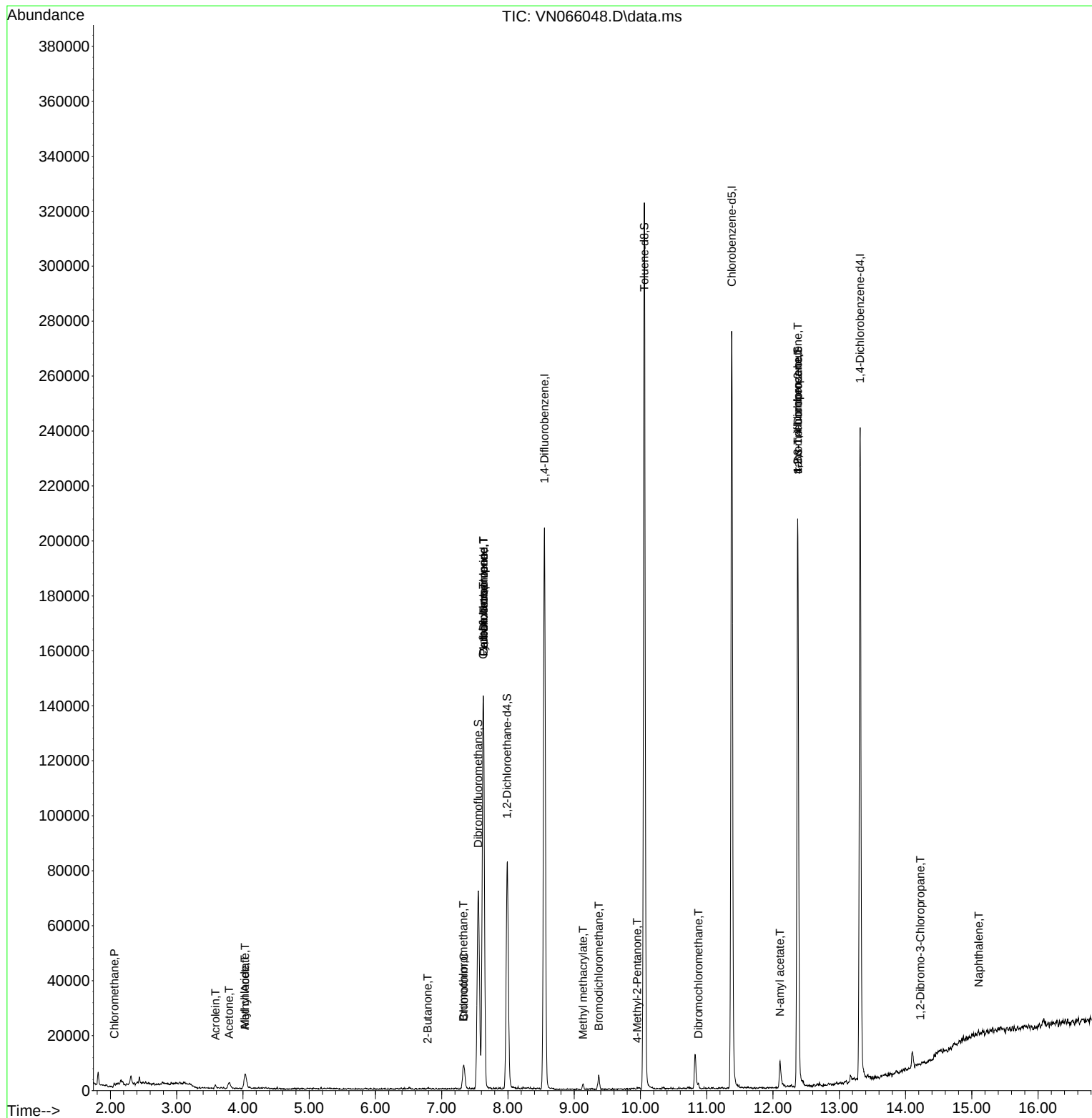
Internal Standards						
1) Pentafluorobenzene	7.630	168	115361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	187843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	170785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	70086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	76418	47.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.74%		
35) Dibromofluoromethane	7.550	113	56657	48.73	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.46%		
50) Toluene-d8	10.058	98	226653	47.50	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.00%		
62) 4-Bromofluorobenzene	12.373	95	82102	45.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.66%		
Target Compounds						Qvalue
3) Chloromethane	2.058	50	813	0.43	ug/l	90
13) Acrolein	3.586	56	1142	5.56	ug/l	89
14) Allyl chloride	4.029	41	760	0.34	ug/l #	44
16) Acetone	3.791	43	3910	6.15	ug/l	97
18) Methyl Acetate	4.033	43	2133	1.60	ug/l #	51
25) 2-Butanone	6.788	43	182	0.23	ug/l #	46
28) Bromochloromethane	7.328	49	294	0.25	ug/l #	9
30) Chloroform	7.335	83	9775	3.87	ug/l	97
31) Cyclohexane	7.624	56	2328	0.97	ug/l #	7
36) 1,1-Dichloropropene	7.627	75	8934	4.82	ug/l #	48
38) Carbon Tetrachloride	7.630	117	12013	6.98	ug/l #	16
47) Bromodichloromethane	9.370	83	4066	2.25	ug/l #	92
48) Methyl methacrylate	9.132	41	522	0.39	ug/l #	27
51) 4-Methyl-2-Pentanone	9.949	43	412	0.25	ug/l #	35
60) Dibromochloromethane	10.875	129	1069	0.80	ug/l	84
74) N-amyl acetate	12.106	43	2282	1.15	ug/l #	10
76) 1,2,3-Trichloropropane	12.373	75	41993	24.94	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	41993	79.49	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.222	75	230	1.53	ug/l #	1
95) Naphthalene	15.106	128	472	3.17	ug/l #	69

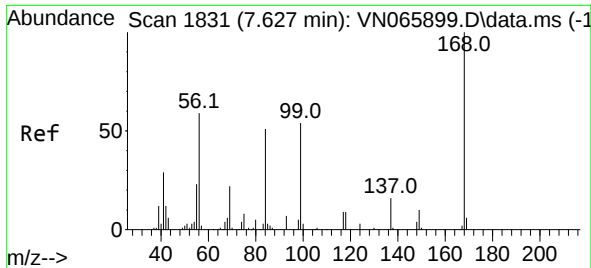
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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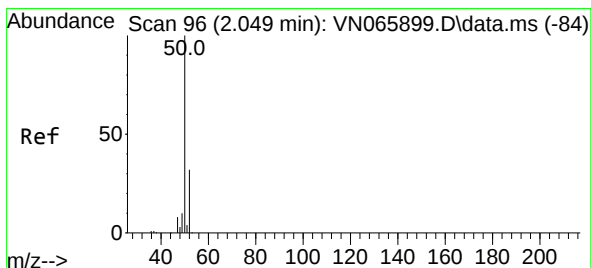
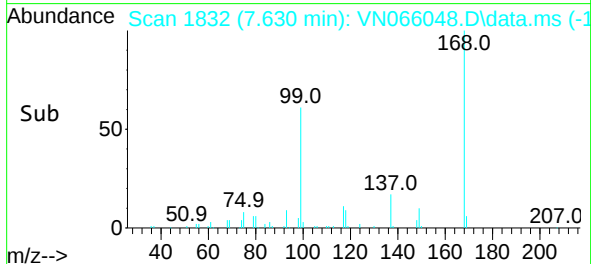
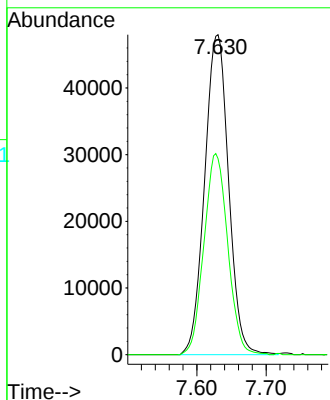
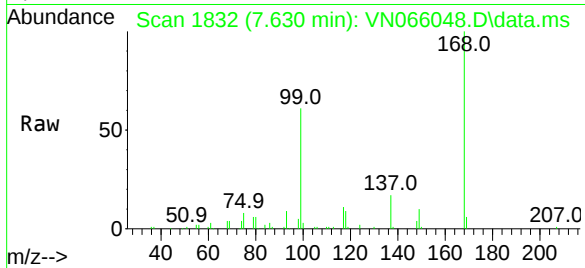




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

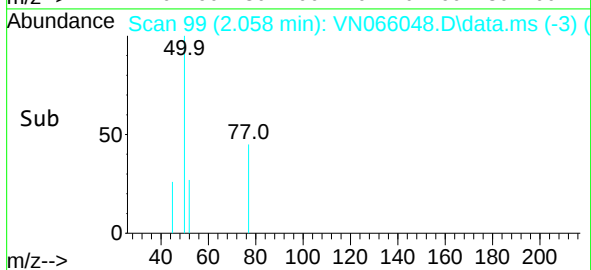
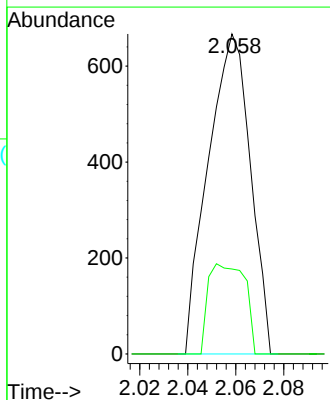
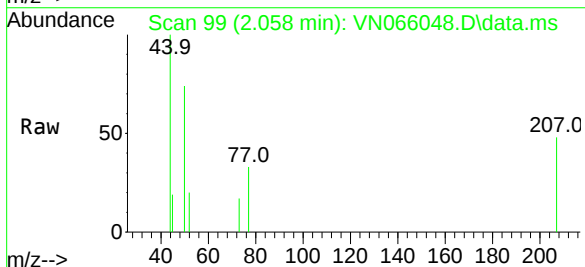
Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521

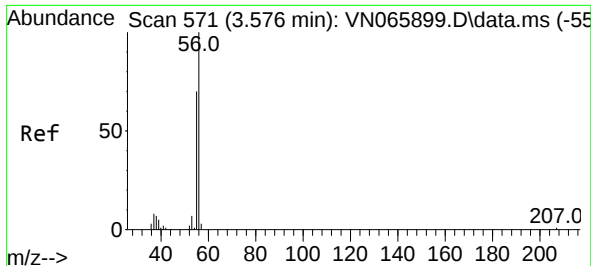
Tgt Ion:168 Resp: 115361
Ion Ratio Lower Upper
168 100
99 61.2 42.6 63.8



#3
Chloromethane
Concen: 0.43 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

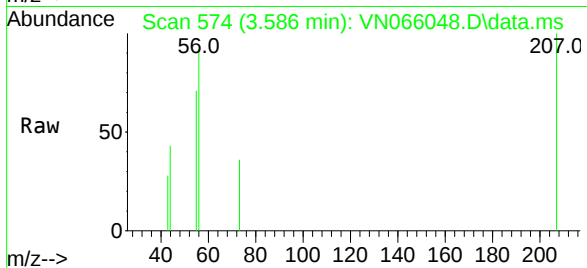
Tgt Ion: 50 Resp: 813
Ion Ratio Lower Upper
50 100
52 26.5 25.8 38.8



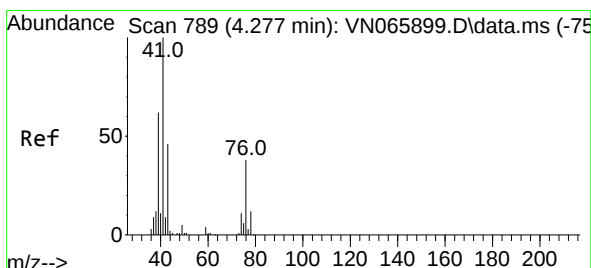
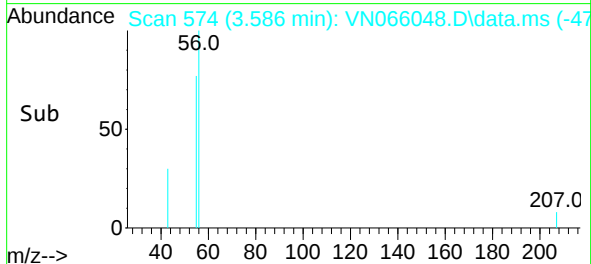
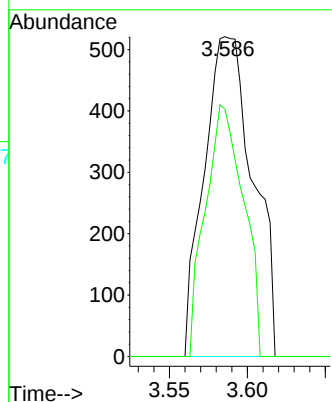


#13
Acrolein
Concen: 5.56 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521

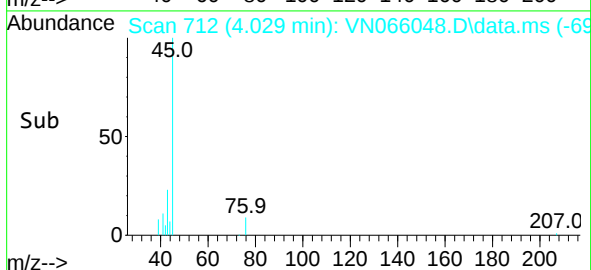
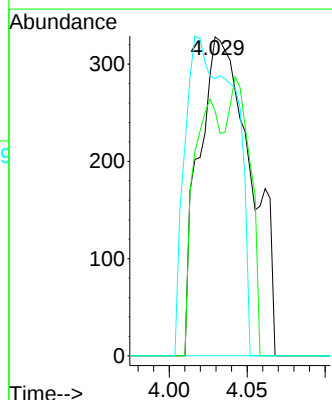
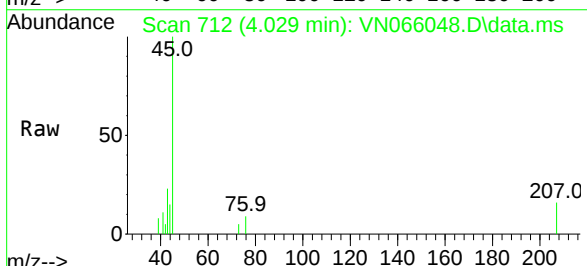


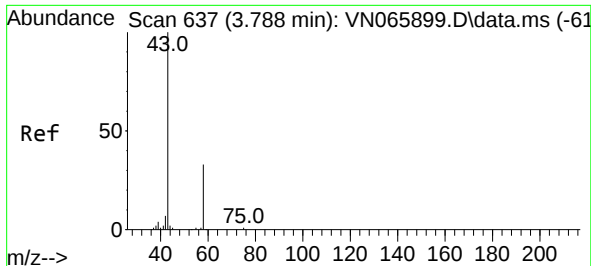
Tgt Ion: 56 Resp: 1142
Ion Ratio Lower Upper
56 100
55 61.1 56.0 84.0



#14
Allyl chloride
Concen: 0.34 ug/l
RT: 4.029 min Scan# 712
Delta R.T. -0.248 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Tgt Ion: 41 Resp: 760
Ion Ratio Lower Upper
41 100
39 40.8 53.0 79.4#
76 95.3 28.9 43.3#

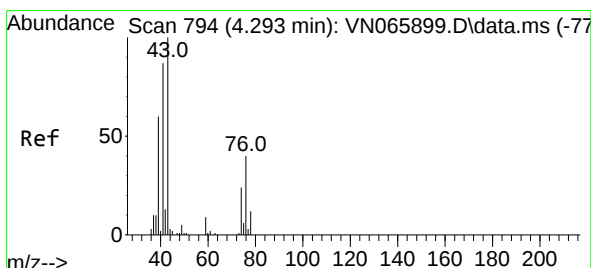
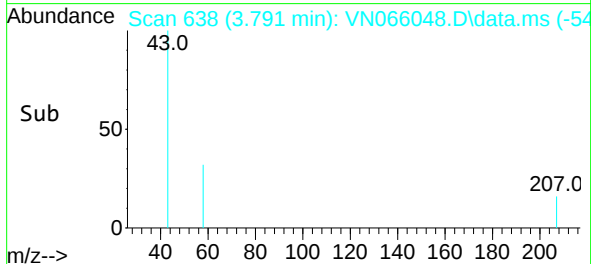
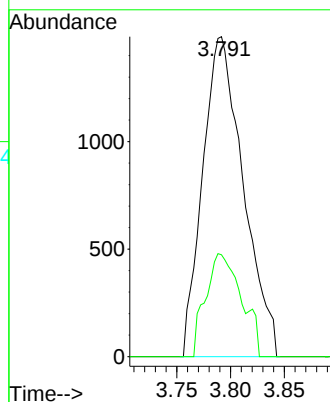
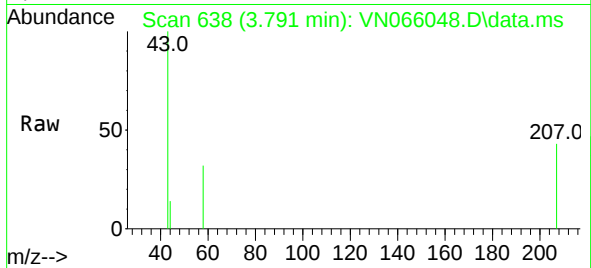




#16
Acetone
Concen: 6.15 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

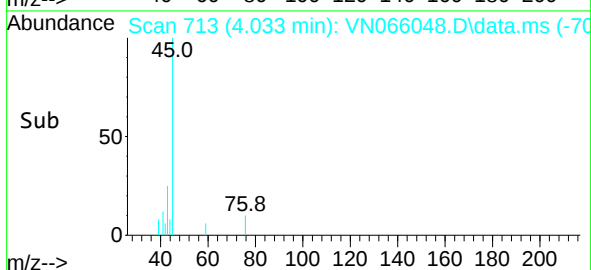
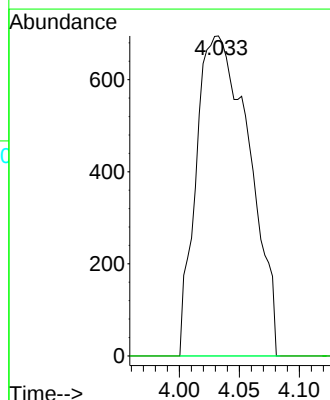
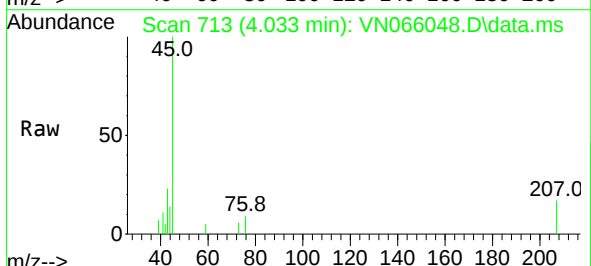
Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521

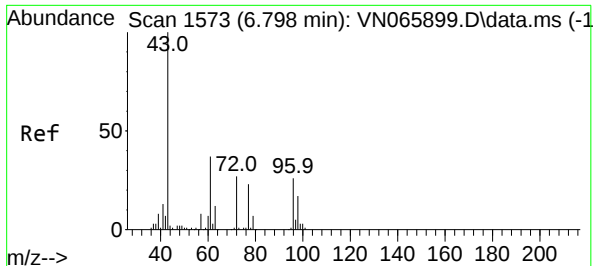
Tgt Ion: 43 Resp: 3910
Ion Ratio Lower Upper
43 100
58 31.9 27.0 40.6



#18
Methyl Acetate
Concen: 1.60 ug/l
RT: 4.033 min Scan# 713
Delta R.T. -0.260 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Tgt Ion: 43 Resp: 2133
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

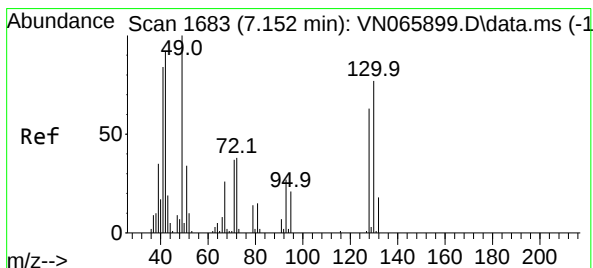
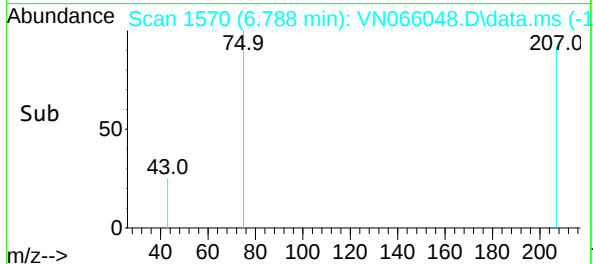
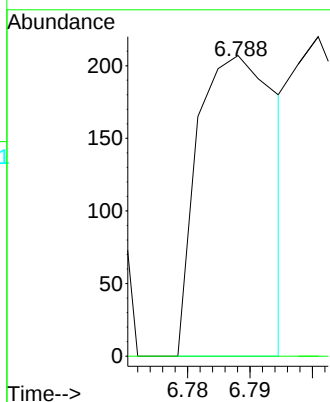
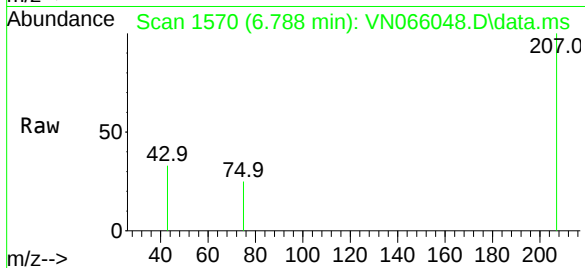




#25
2-Butanone
Concen: 0.23 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. -0.010 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

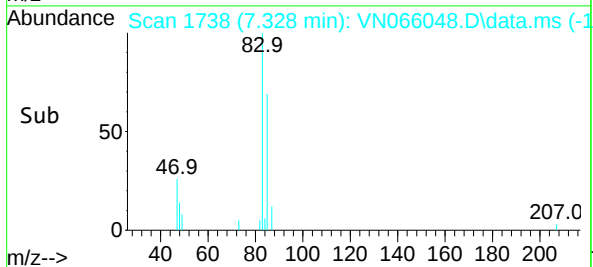
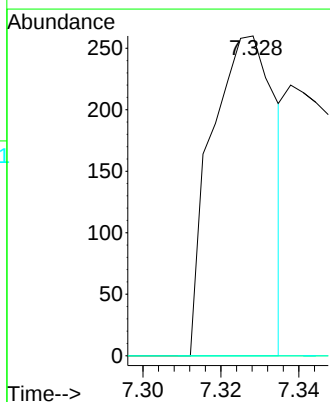
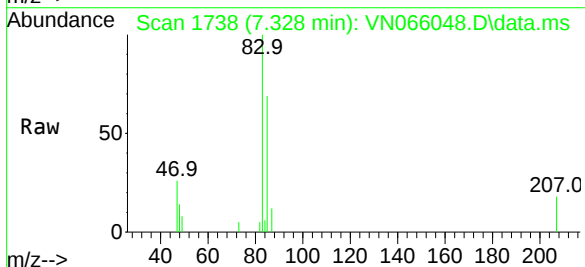
Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521

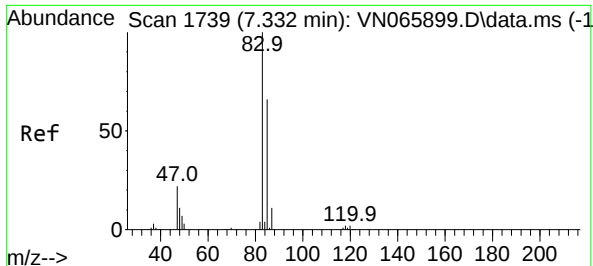
Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#28
Bromochloromethane
Concen: 0.25 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. 0.176 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Tgt Ion: 49 Resp: 294
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 67.8 101.6#





#30

Chloroform

Concen: 3.87 ug/l

RT: 7.335 min Scan# 1740

Delta R.T. 0.003 min

Lab File: VN066048.D

Acq: 26 Feb 2021 14:02

Tgt Ion: 83 Resp: 9775

Ion Ratio Lower Upper

83 100

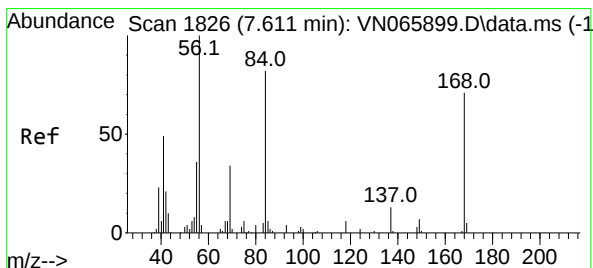
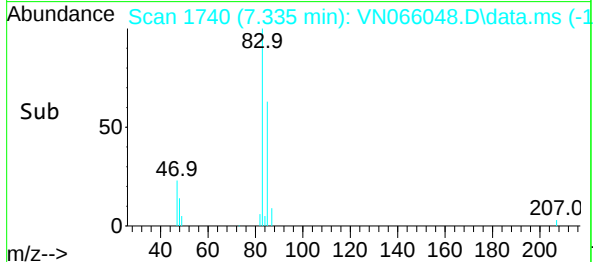
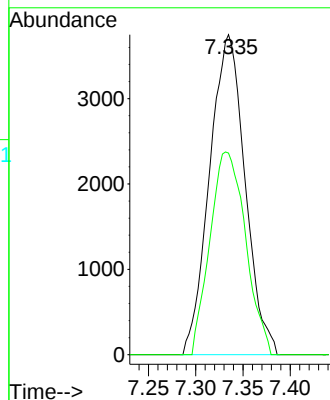
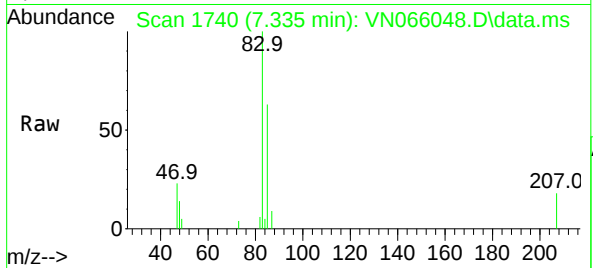
85 63.0 52.6 78.8

Instrument :

MSVOA_N

ClientSampleId :

GW805-10-15-022521



#31

Cyclohexane

Concen: 0.97 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN066048.D

Acq: 26 Feb 2021 14:02

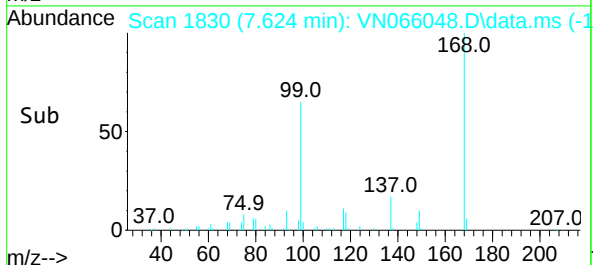
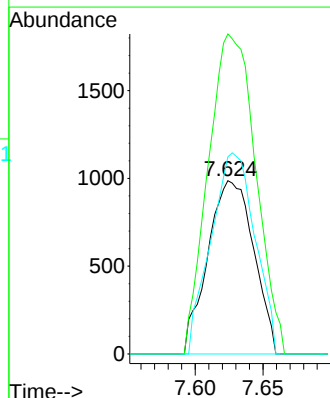
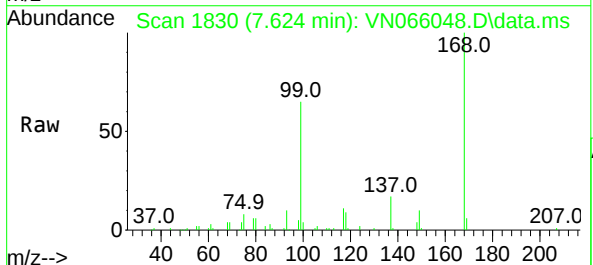
Tgt Ion: 56 Resp: 2328

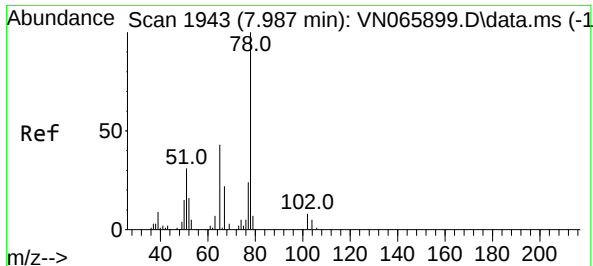
Ion Ratio Lower Upper

56 100

69 184.7 26.6 39.8#

84 113.8 70.4 105.6#

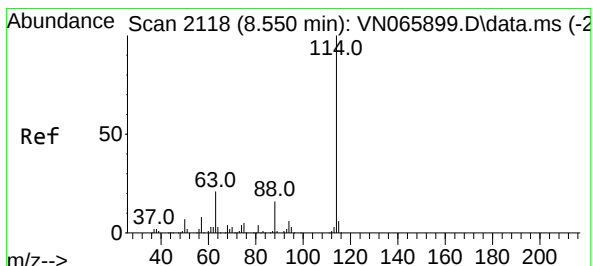
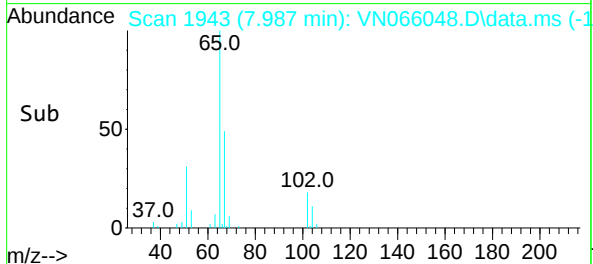
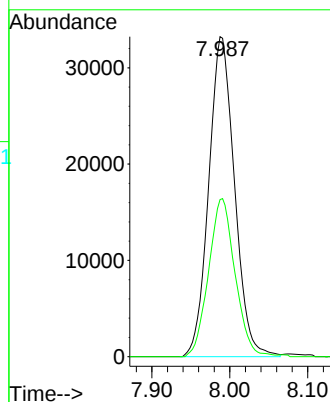
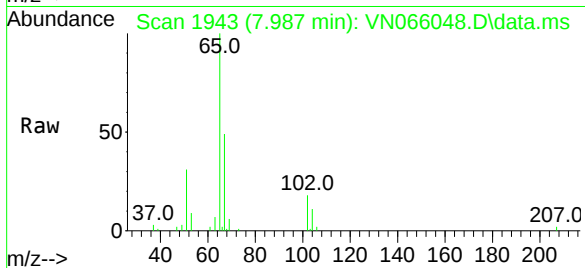




#33
1,2-Dichloroethane-d4
Concen: 47.37 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

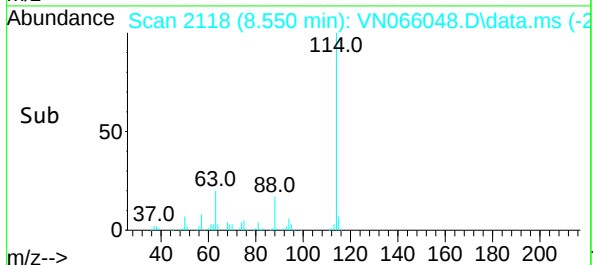
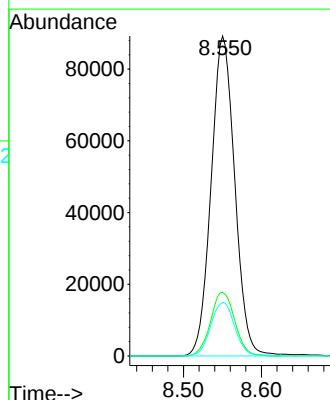
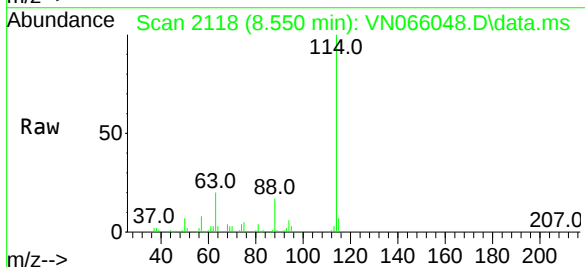
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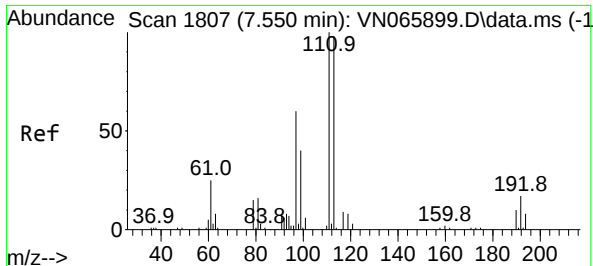
Tgt Ion: 65 Resp: 76418
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Tgt Ion: 114 Resp: 187843
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 16.7 0.0 30.6



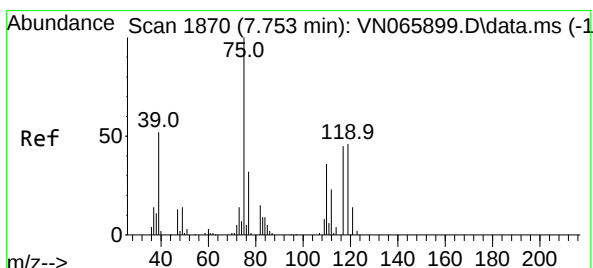
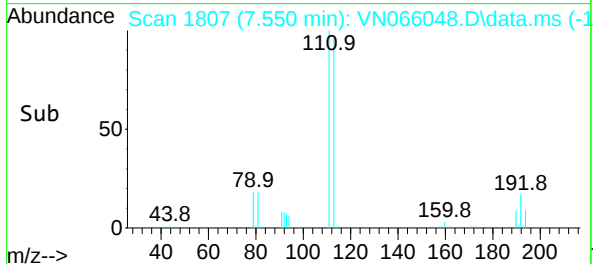
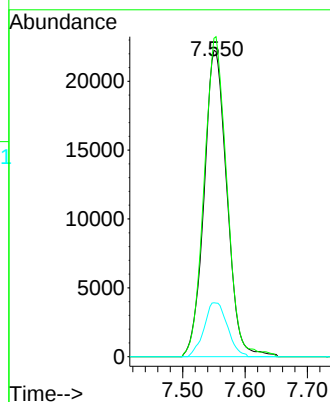
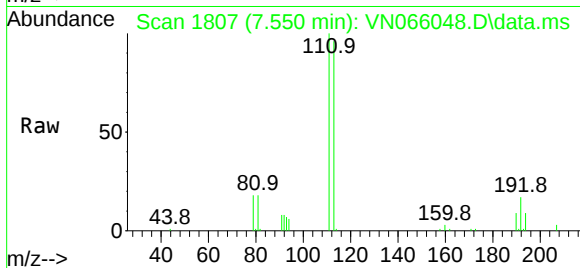


#35

Dibromofluoromethane
Concen: 48.73 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521

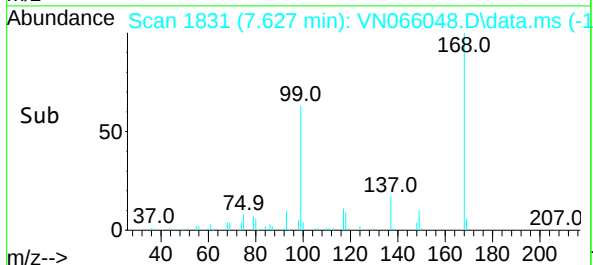
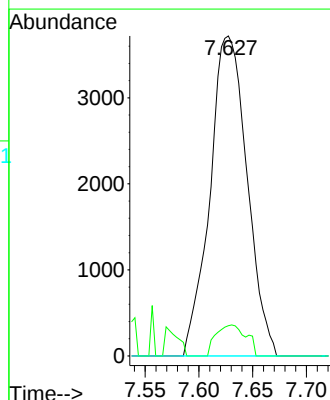
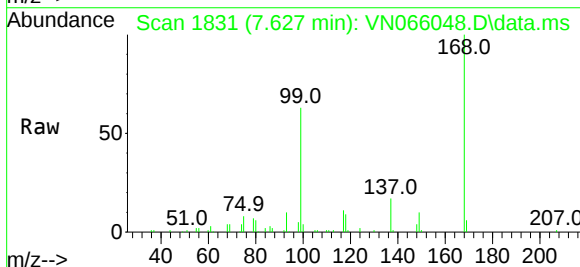
Tgt Ion:	113	Resp:	56657
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.2	123.2
192	18.0	15.4	23.0

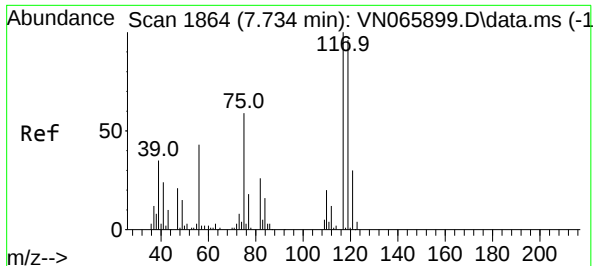


#36

1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

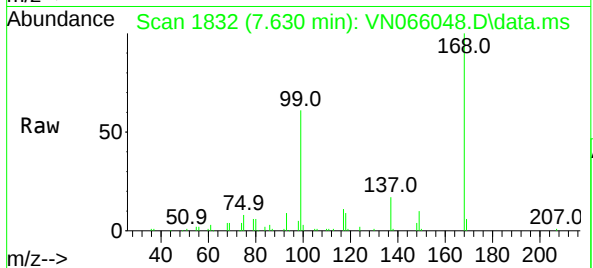
Tgt Ion:	75	Resp:	8934
Ion Ratio	Lower	Upper	
75	100		
110	7.9	18.2	54.6#
77	0.0	24.9	37.3#



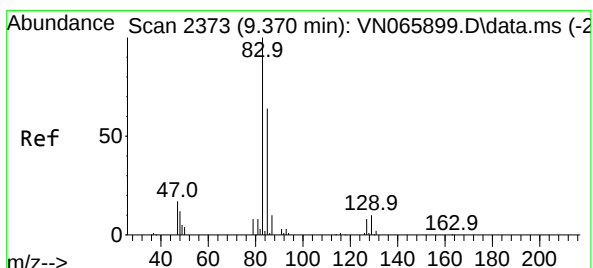
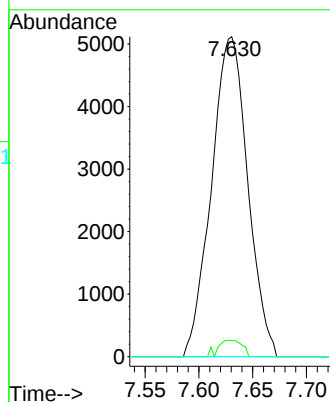
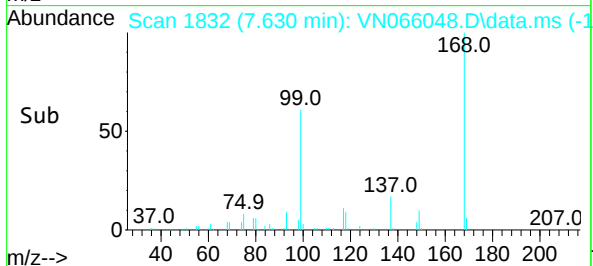


#38
Carbon Tetrachloride
Concen: 6.98 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

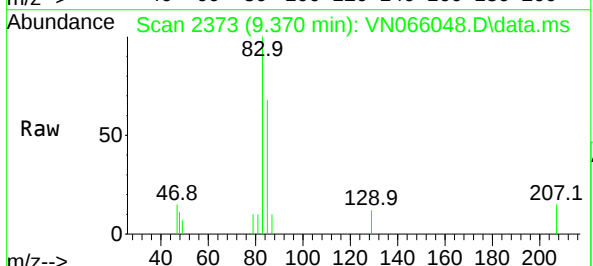
Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521



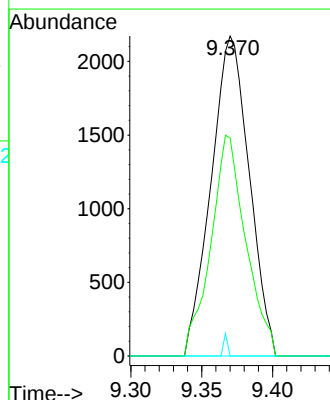
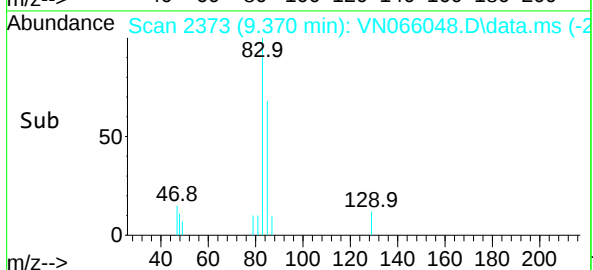
Tgt Ion: 117 Resp: 12013
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.5 36.7#

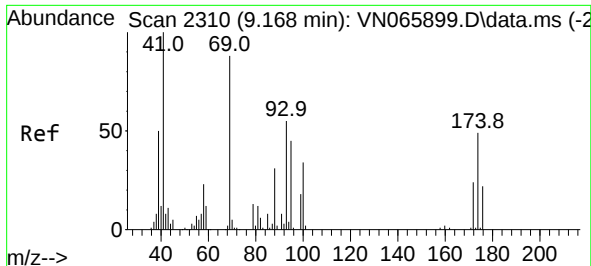


#47
Bromodichloromethane
Concen: 2.25 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02



Tgt Ion: 83 Resp: 4066
Ion Ratio Lower Upper
83 100
85 68.1 51.0 76.4
127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 0.39 ug/l

RT: 9.132 min Scan# 2299

Delta R.T. -0.036 min

Lab File: VN066048.D

Acq: 26 Feb 2021 14:02

Tgt Ion: 41 Resp: 522

Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

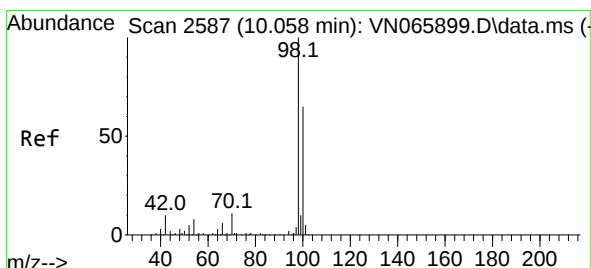
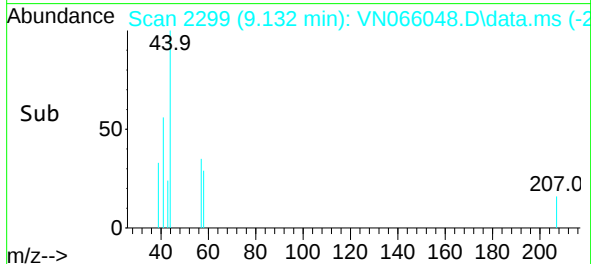
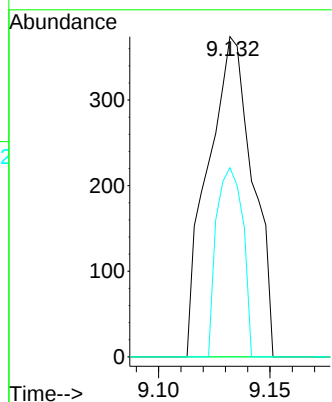
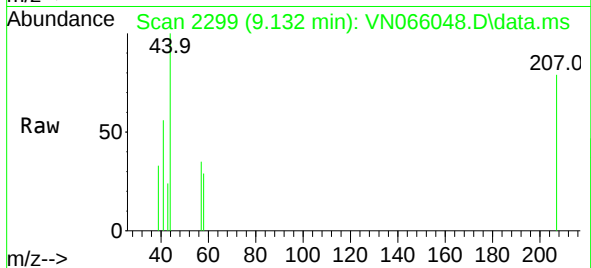
39 34.7 46.6 69.8#

Instrument :

MSVOA_N

ClientSampleId :

GW805-10-15-022521



#50

Toluene-d8

Concen: 47.50 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN066048.D

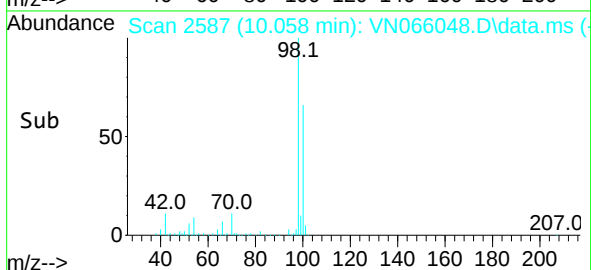
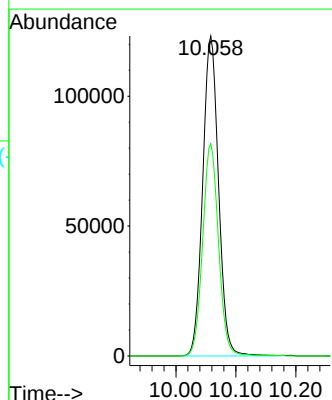
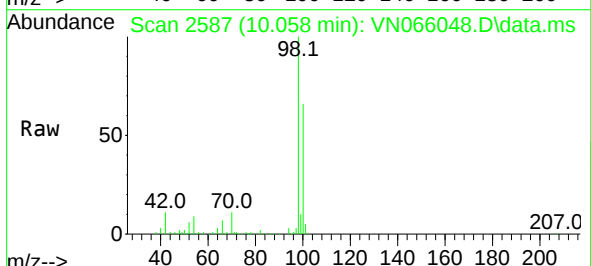
Acq: 26 Feb 2021 14:02

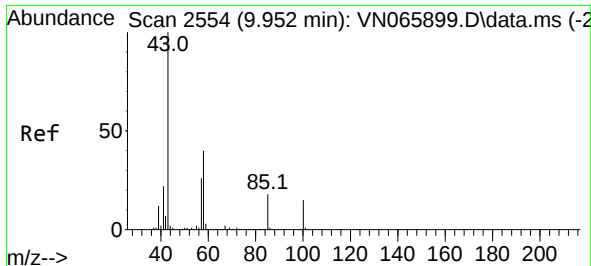
Tgt Ion: 98 Resp: 226653

Ion Ratio Lower Upper

98 100

100 66.5 50.5 75.7

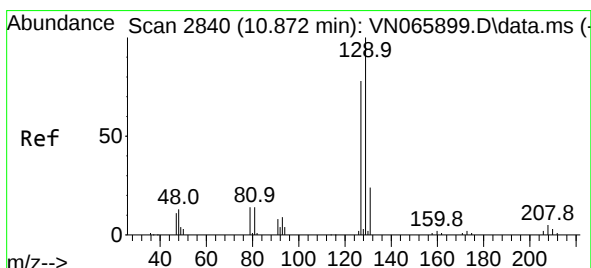
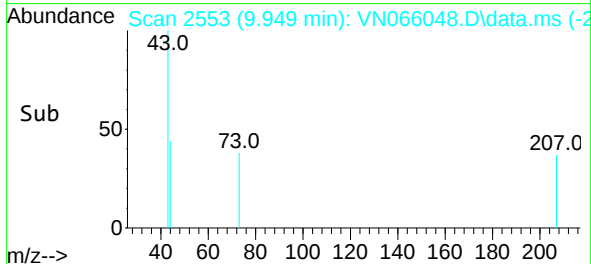
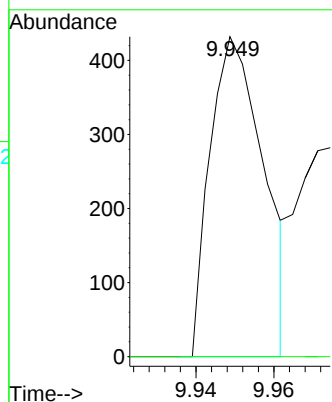
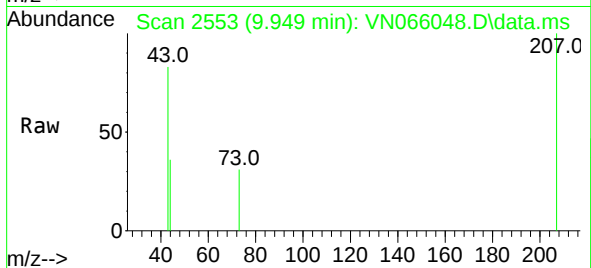




#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.003 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

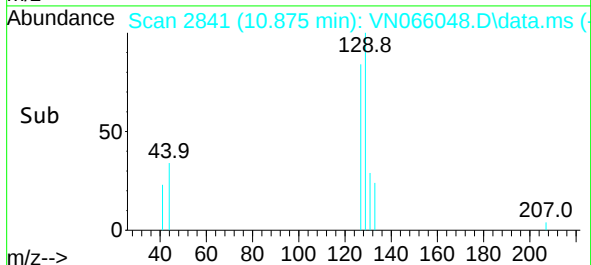
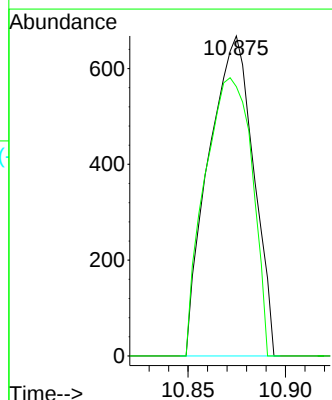
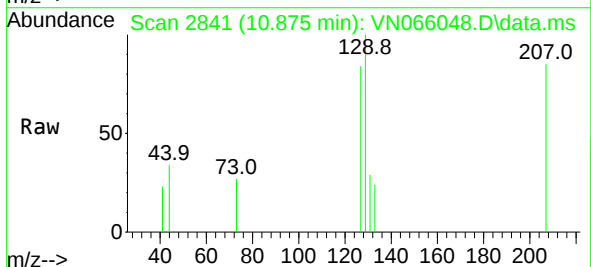
Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521

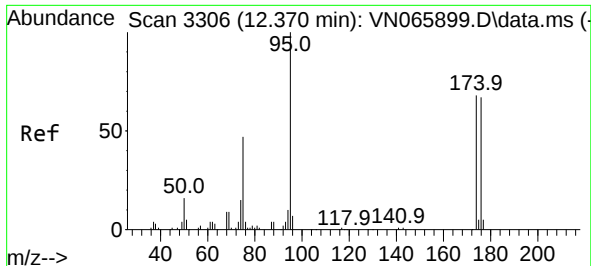
Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
58 0.0 32.5 48.7#



#60
Dibromochloromethane
Concen: 0.80 ug/l
RT: 10.875 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Tgt Ion: 129 Resp: 1069
Ion Ratio Lower Upper
129 100
127 91.0 38.5 115.5

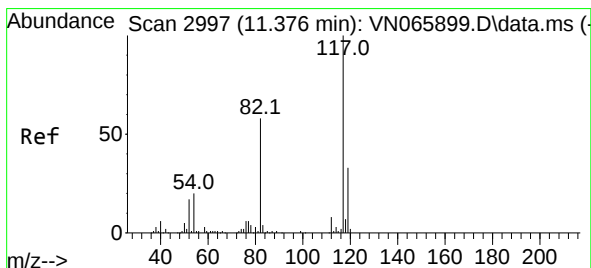
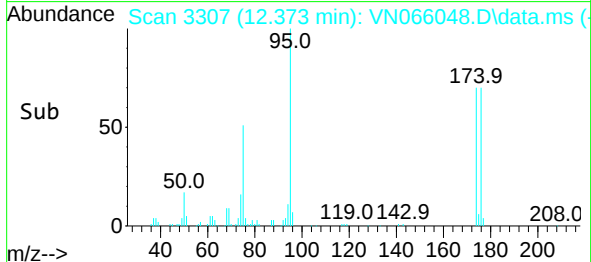
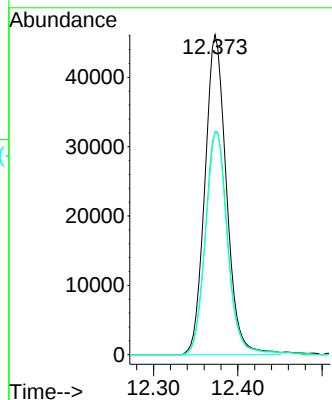
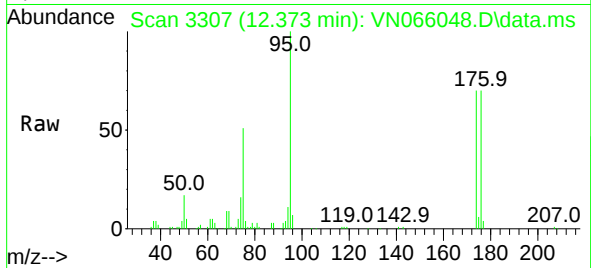




#62
4-Bromofluorobenzene
Concen: 45.83 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

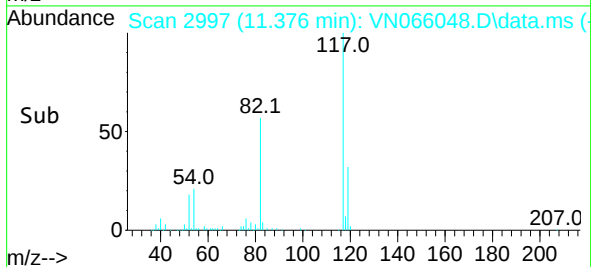
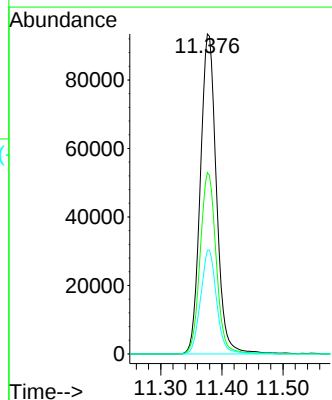
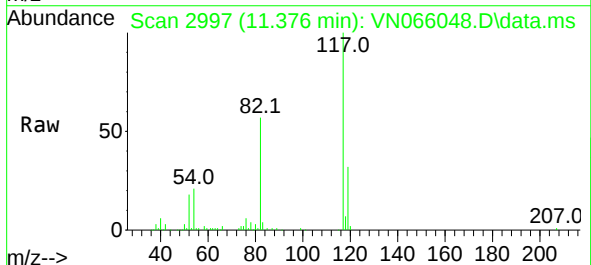
Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521

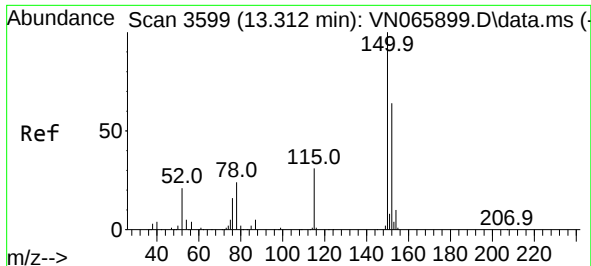
Tgt Ion: 95 Resp: 82102
Ion Ratio Lower Upper
95 100
174 72.5 0.0 169.0
176 71.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Tgt Ion: 117 Resp: 170785
Ion Ratio Lower Upper
117 100
82 56.7 43.7 65.5
119 32.4 26.1 39.1

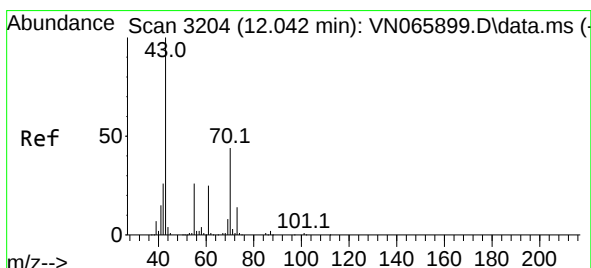
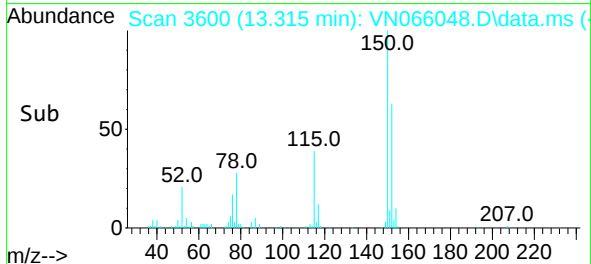
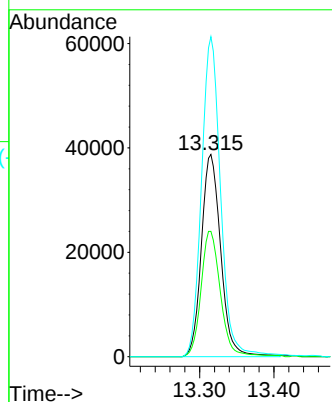
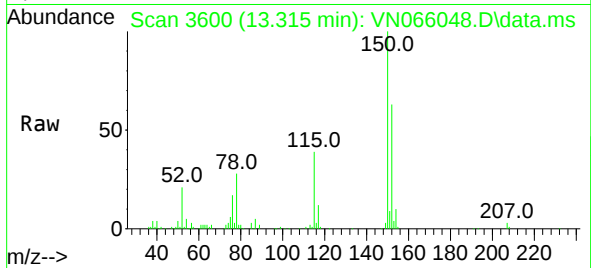




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

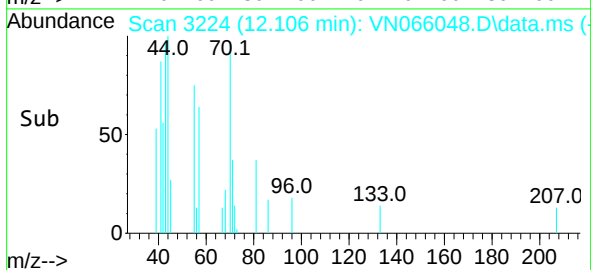
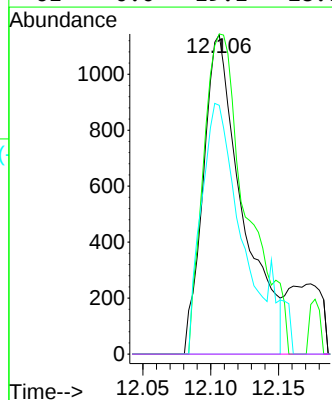
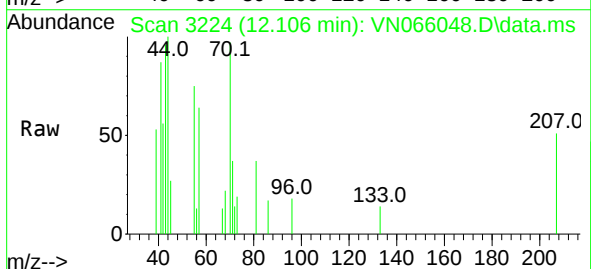
Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521

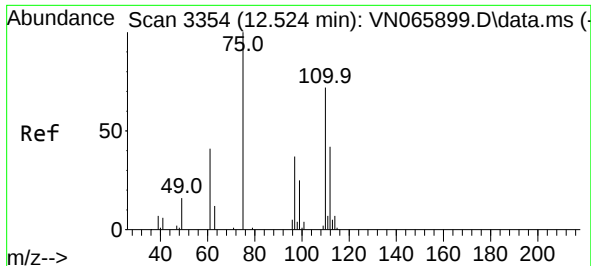
Tgt Ion:152 Resp: 70086
Ion Ratio Lower Upper
152 100
115 61.8 28.5 85.6
150 156.7 0.0 347.6



#74
N-ethyl acetate
Concen: 1.15 ug/l
RT: 12.106 min Scan# 3224
Delta R.T. 0.064 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
70 111.0 34.4 51.6#
55 76.7 20.7 31.1#
61 0.0 19.1 28.7#

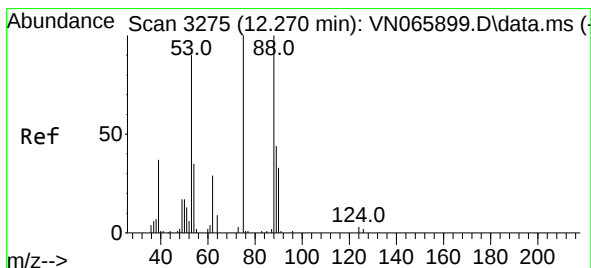
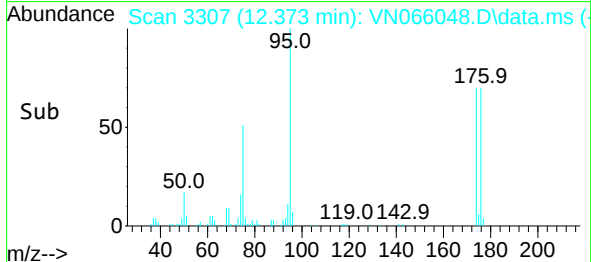
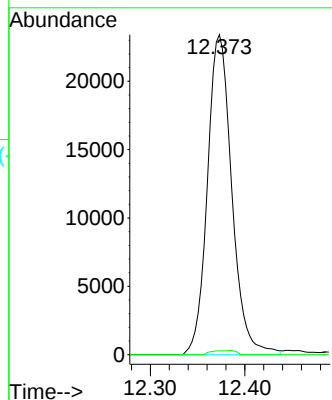
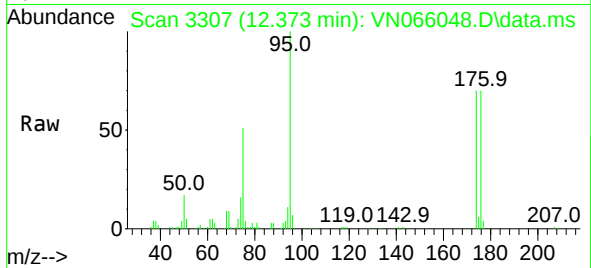




#76
1,2,3-Trichloropropane
Concen: 24.94 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

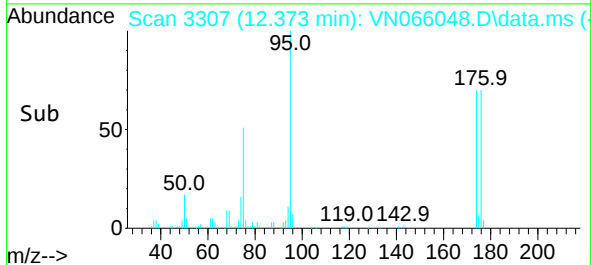
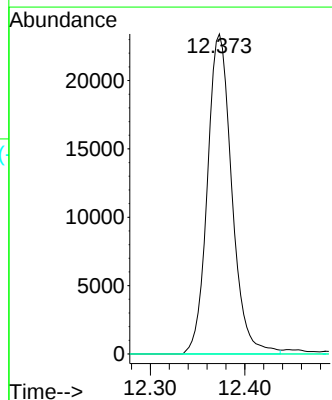
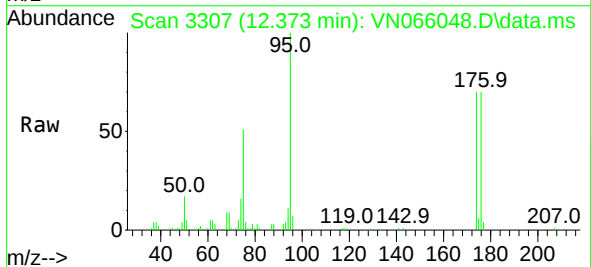
Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521

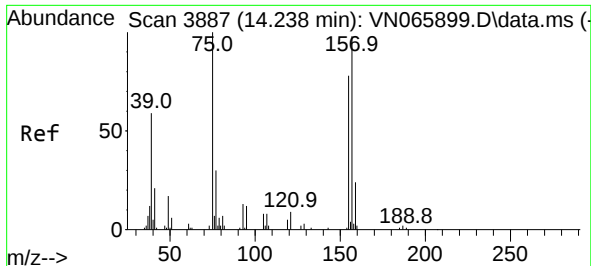
Tgt Ion: 75 Resp: 41993
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.49 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Tgt Ion: 75 Resp: 41993
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

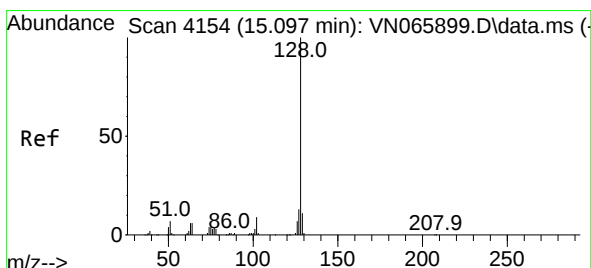
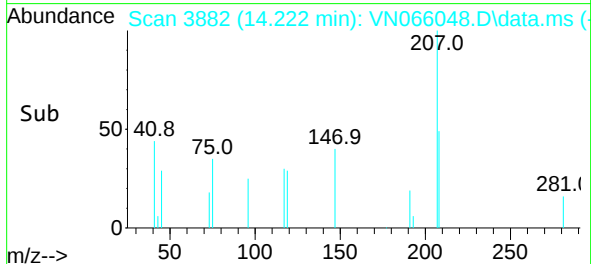
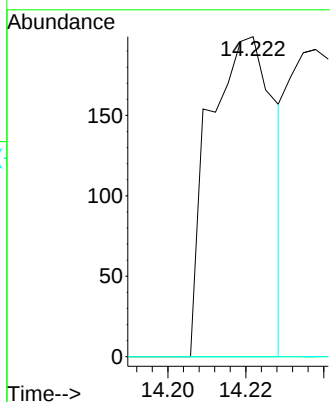
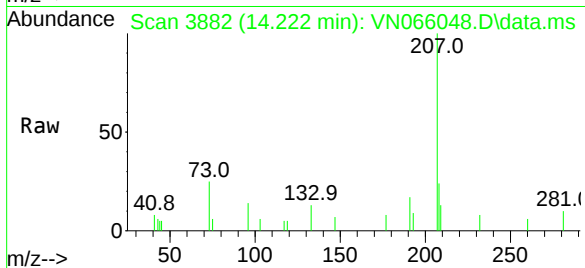




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.53 ug/l
RT: 14.222 min Scan# 3882
Delta R.T. -0.016 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Instrument :
MSVOA_N
ClientSampleId :
GW805-10-15-022521

Tgt Ion: 75 Resp: 230
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.17 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.009 min
Lab File: VN066048.D
Acq: 26 Feb 2021 14:02

Tgt Ion: 128 Resp: 472
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

