

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN066012.D
 Acq On : 24 Feb 2021 18:27
 Operator : JC/MD
 Sample : M1474-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-598-600

Quant Time: Feb 25 02:16:42 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)

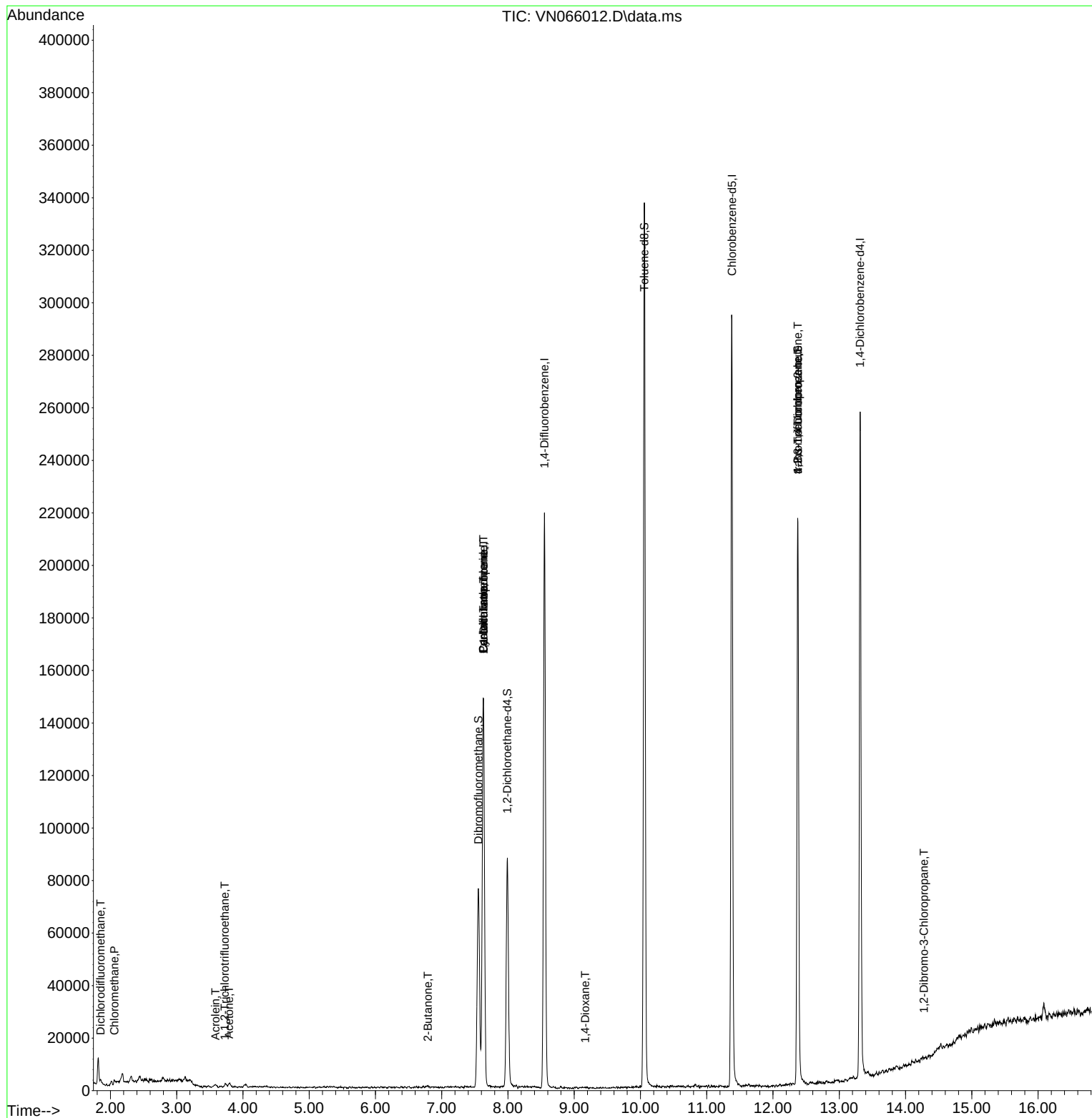
Internal Standards						
1) Pentafluorobenzene	7.627	168	119768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	198841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	179974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	73287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	80206	47.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.78%		
35) Dibromofluoromethane	7.553	113	60249	48.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.92%		
50) Toluene-d8	10.058	98	239525	47.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.84%		
62) 4-Bromofluorobenzene	12.373	95	87736	46.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.54%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.853	85	1261	0.80	ug/l	96
3) Chloromethane	2.058	50	1008	0.51	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.727	101	572	0.45	ug/l #	66
13) Acrolein	3.586	56	1348	6.33	ug/l	100
16) Acetone	3.792	43	3206	4.52	ug/l	100
25) 2-Butanone	6.791	43	308	0.37	ug/l #	46
31) Cyclohexane	7.627	56	2213	0.89	ug/l #	22
36) 1,1-Dichloropropene	7.631	75	9380	4.78	ug/l #	48
38) Carbon Tetrachloride	7.627	117	12627	6.93	ug/l #	17
49) 1,4-Dioxane	9.164	88	134	5.50	ug/l #	26
76) 1,2,3-Trichloropropane	12.373	75	44717	25.40	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	44717	80.95	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.277	75	60	1.02	ug/l #	1

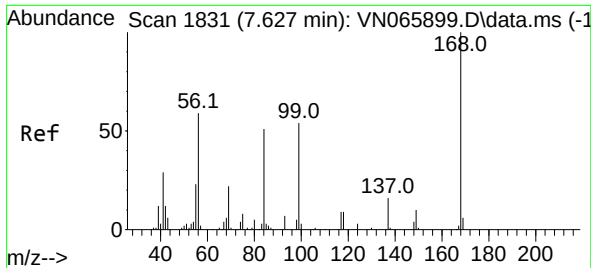
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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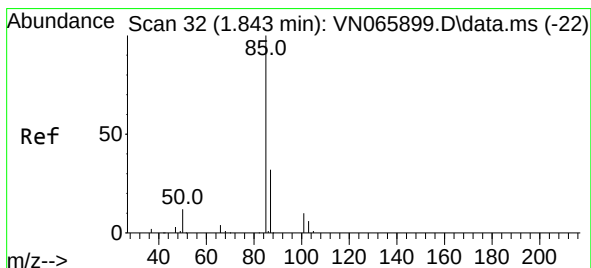
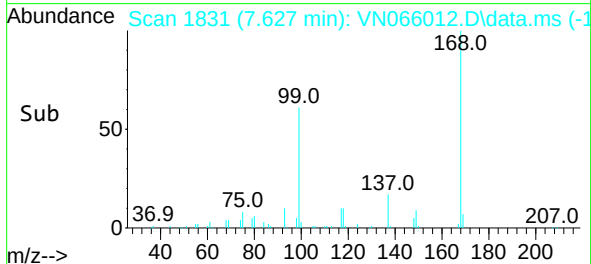
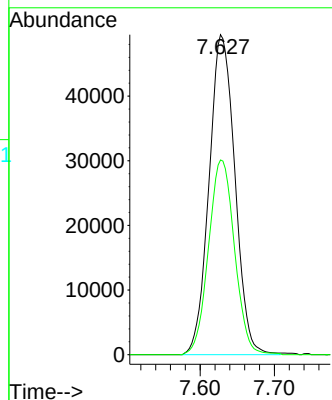
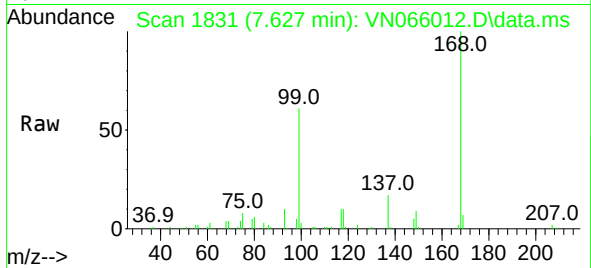




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

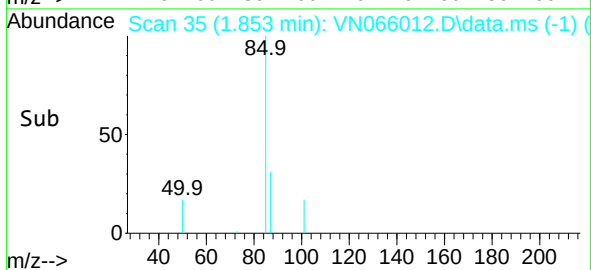
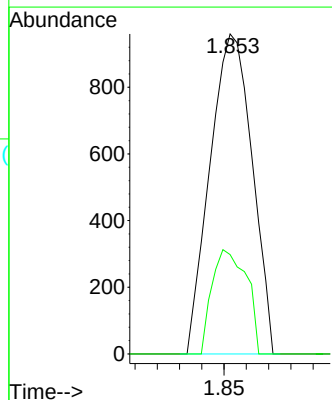
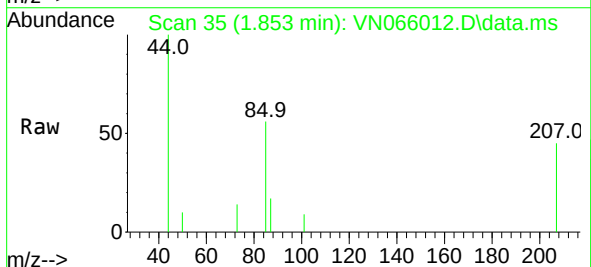
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-598-600

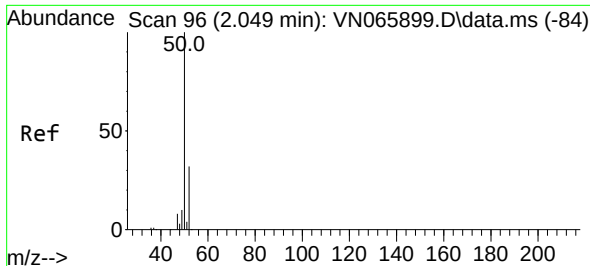
Tgt Ion:168 Resp: 119768
Ion Ratio Lower Upper
168 100
99 60.8 42.6 63.8



#2
Dichlorodifluoromethane
Concen: 0.80 ug/l
RT: 1.853 min Scan# 35
Delta R.T. 0.010 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

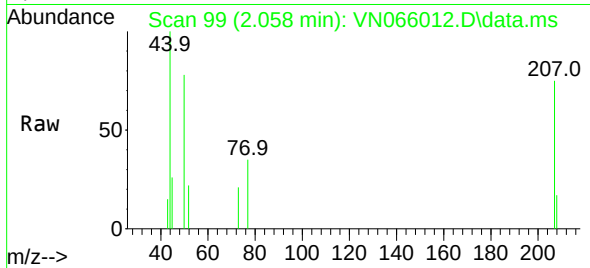
Tgt Ion: 85 Resp: 1261
Ion Ratio Lower Upper
85 100
87 31.0 16.6 49.8



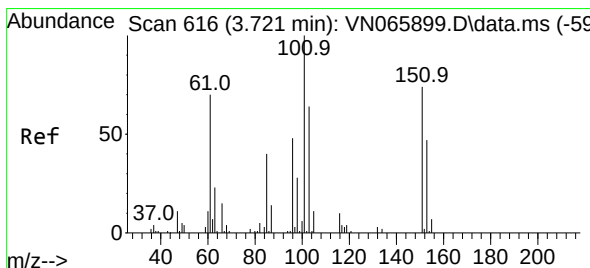
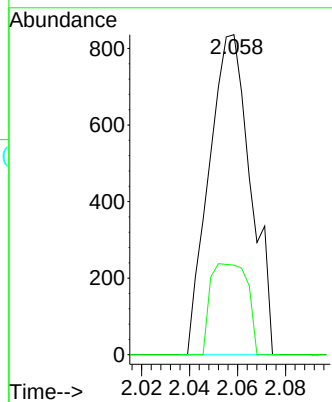
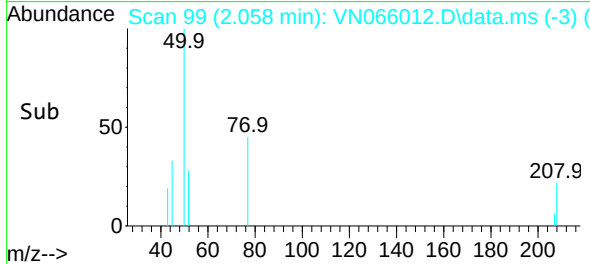


#3
Chloromethane
Concen: 0.51 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

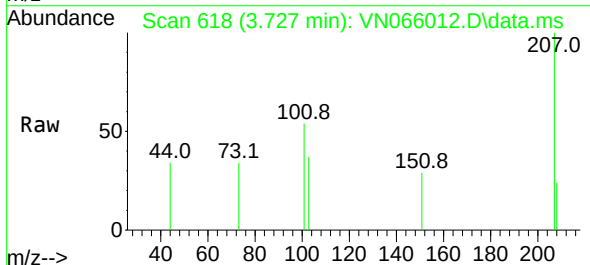
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-598-600



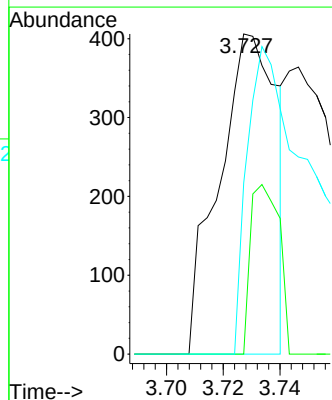
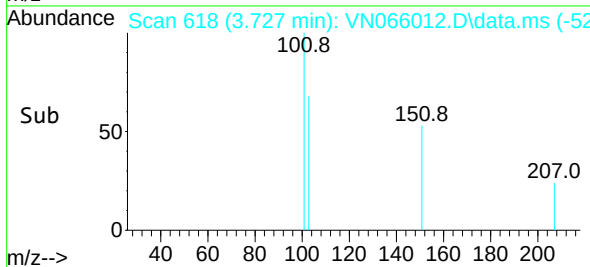
Tgt Ion: 50 Resp: 1008
Ion Ratio Lower Upper
50 100
52 28.0 25.8 38.8

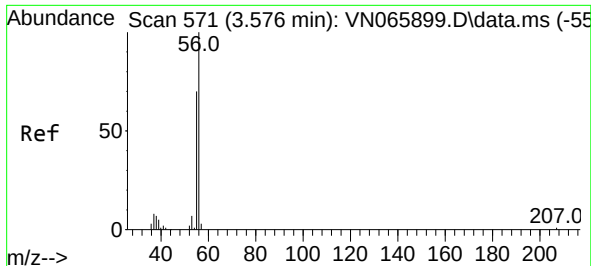


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.45 ug/l
RT: 3.727 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27



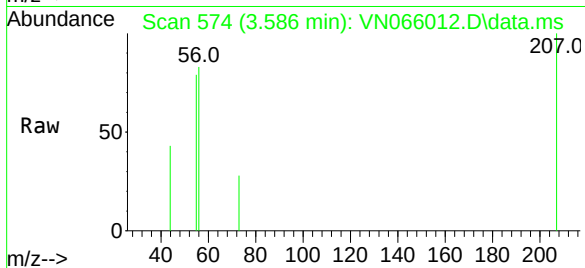
Tgt Ion: 101 Resp: 572
Ion Ratio Lower Upper
101 100
85 26.4 34.6 51.8#
151 112.6 63.5 95.3#



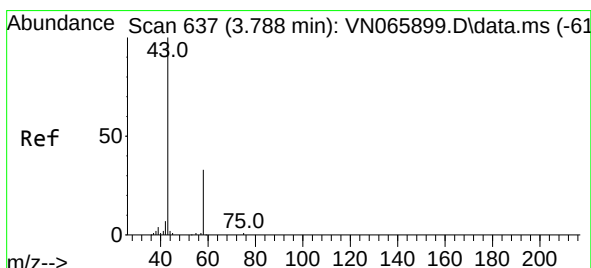
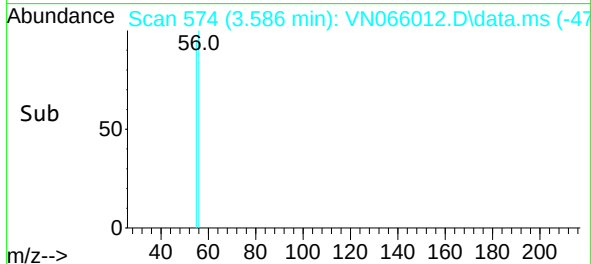
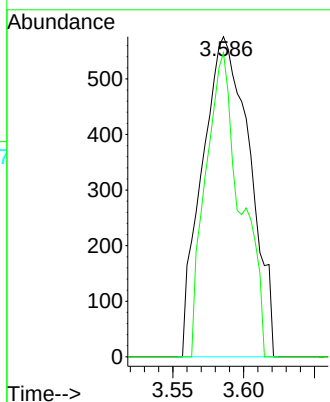


#13
Acrolein
Concen: 6.33 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

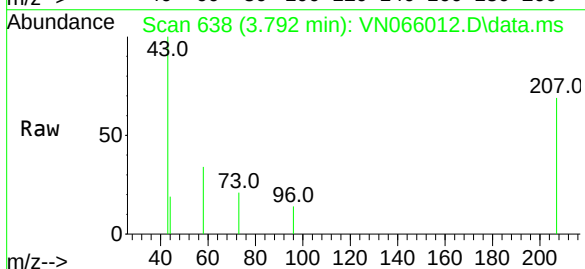
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-598-600



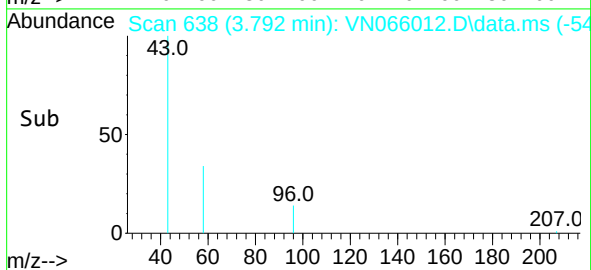
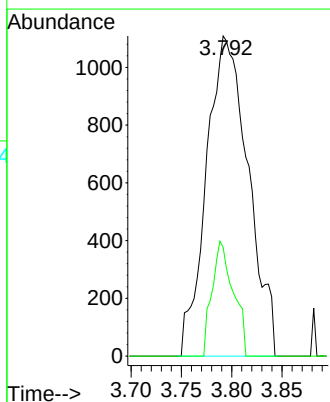
Tgt Ion: 56 Resp: 1348
Ion Ratio Lower Upper
56 100
55 70.0 56.0 84.0

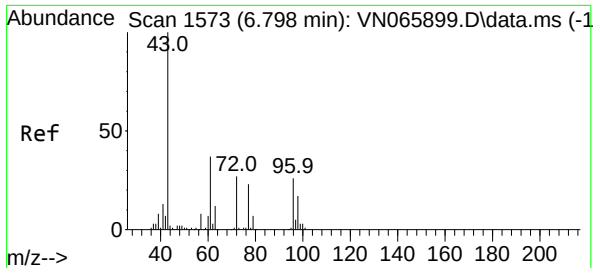


#16
Acetone
Concen: 4.52 ug/l
RT: 3.792 min Scan# 638
Delta R.T. 0.004 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27



Tgt Ion: 43 Resp: 3206
Ion Ratio Lower Upper
43 100
58 33.9 27.0 40.6

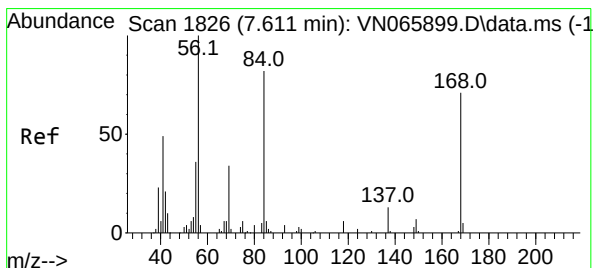
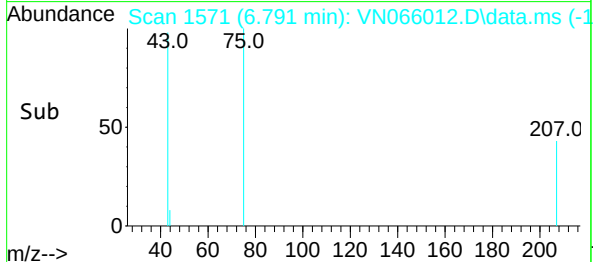
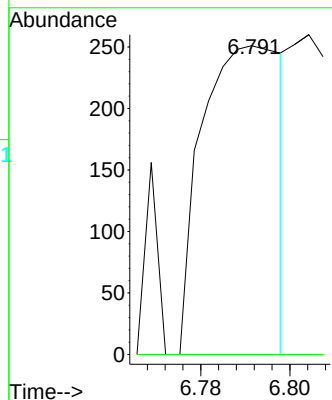
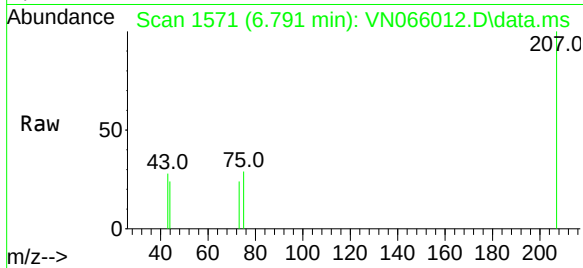




#25
2-Butanone
Concen: 0.37 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. -0.007 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

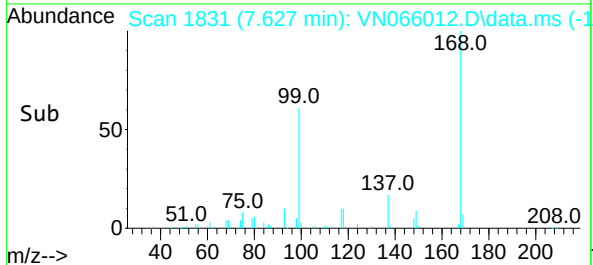
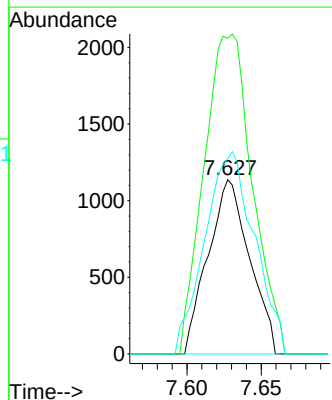
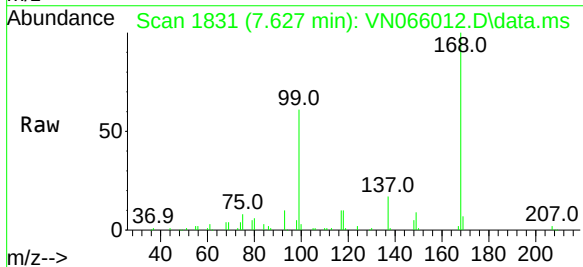
Instrument :
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BP-TT-VPB-RW6-GW-598-600

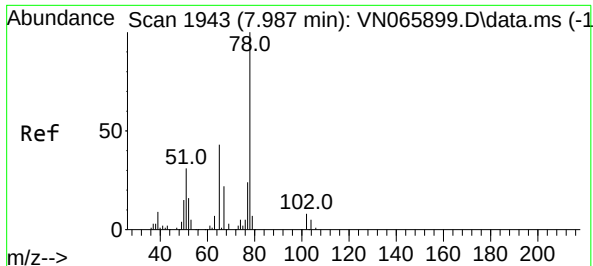
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

Tgt Ion: 56 Resp: 2213
Ion Ratio Lower Upper
56 100
69 181.2 26.6 39.8#
84 96.4 70.4 105.6





#33

1,2-Dichloroethane-d4

Concen: 47.89 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. 0.004 min

Lab File: VN066012.D

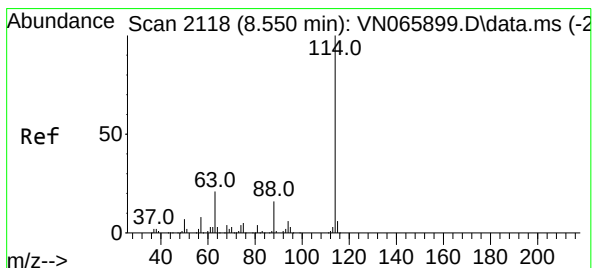
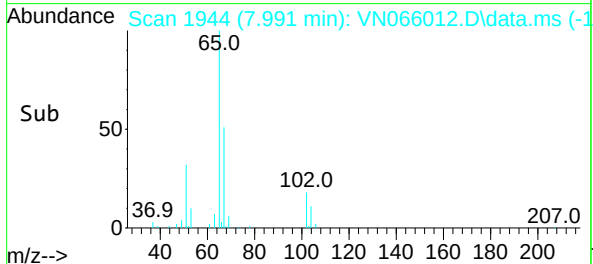
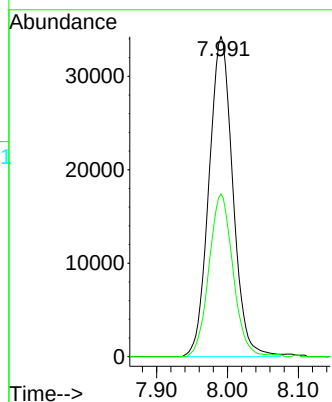
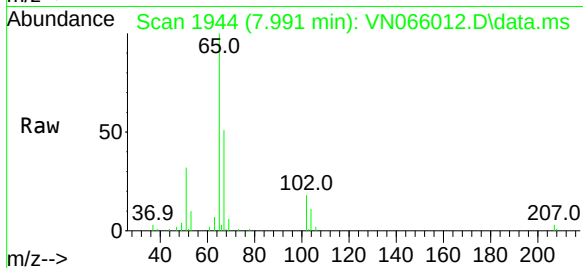
Acq: 24 Feb 2021 18:27

Tgt Ion: 65 Resp: 80206

Ion Ratio Lower Upper

65 100

67 50.9 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: VN066012.D

Acq: 24 Feb 2021 18:27

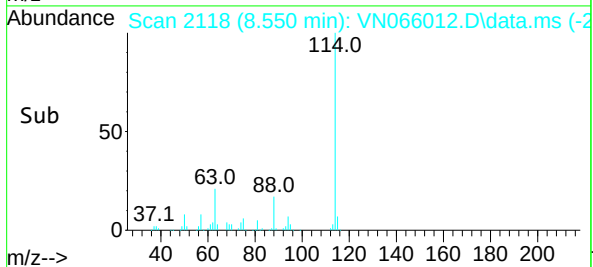
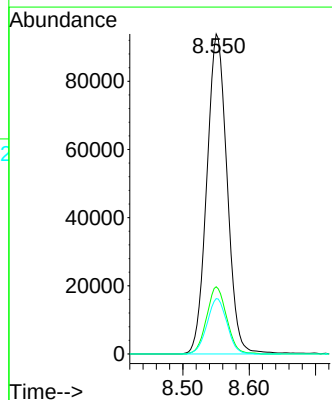
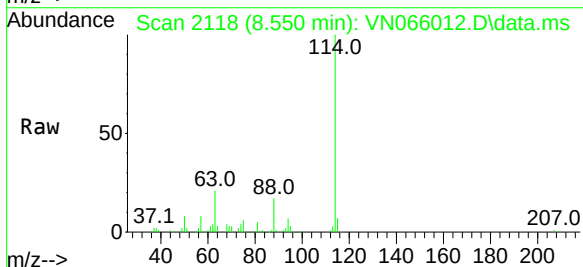
Tgt Ion: 114 Resp: 198841

Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.6

88 17.3 0.0 30.6

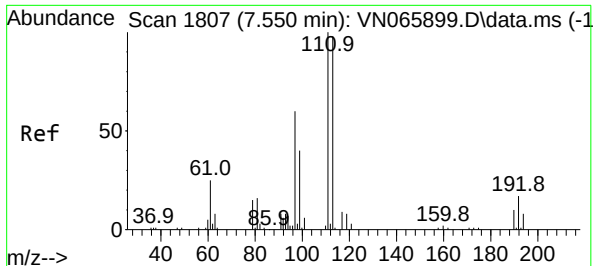


Instrument :

MSVOA_N

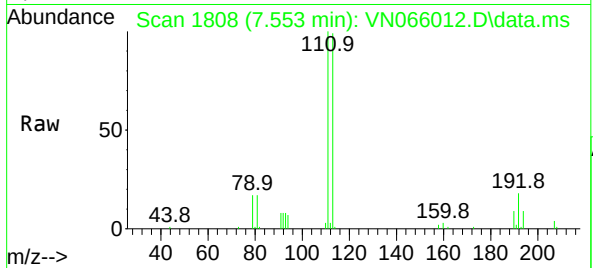
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BP-TT-VPB-RW6-GW-598-600

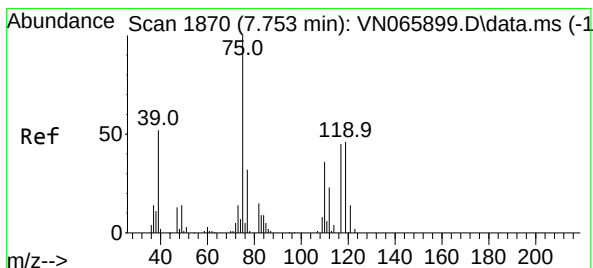
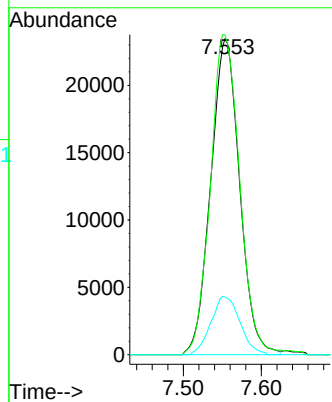
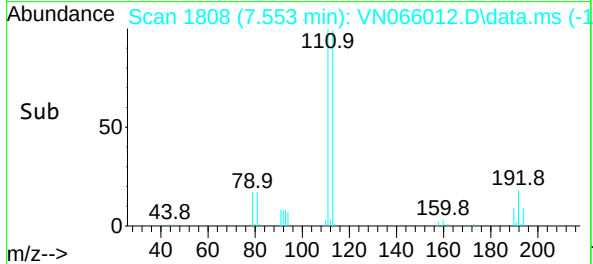


#35
Dibromofluoromethane
Concen: 48.96 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

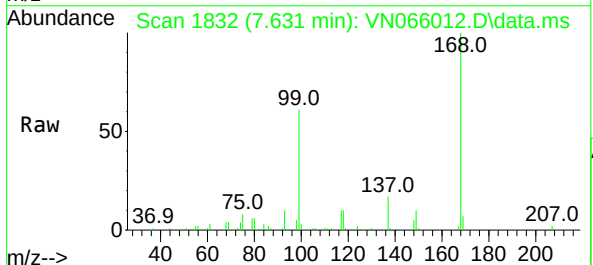
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-598-600



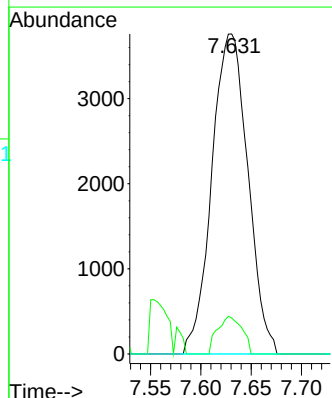
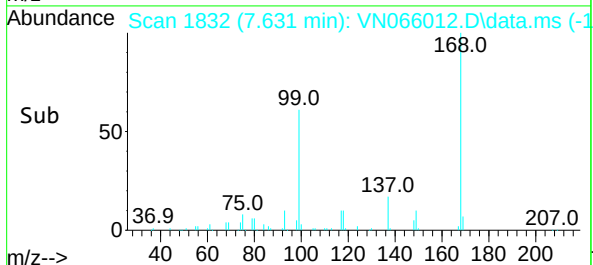
Tgt Ion:113 Resp: 60249
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.6 15.4 23.0

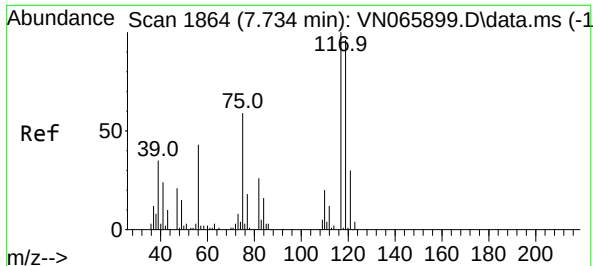


#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27



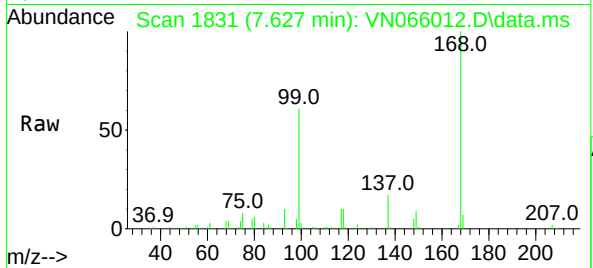
Tgt Ion: 75 Resp: 9380
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#



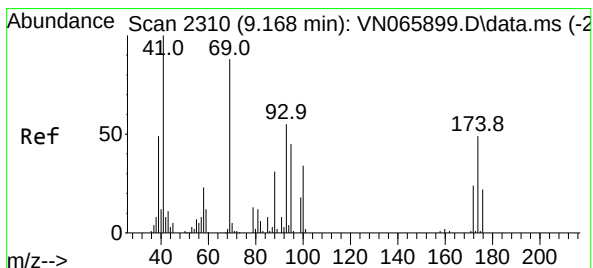
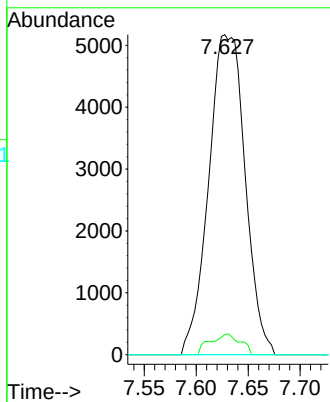
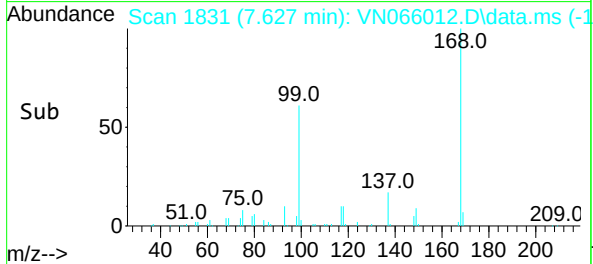


#38
Carbon Tetrachloride
Concen: 6.93 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

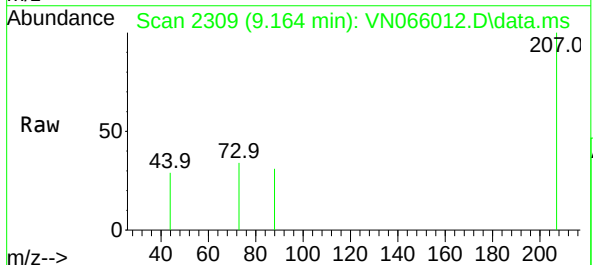
Instrument :
MSVOA_N
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BP-TT-VPB-RW6-GW-598-600



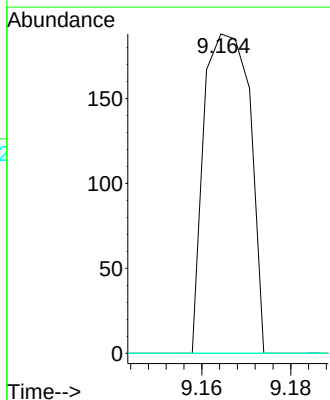
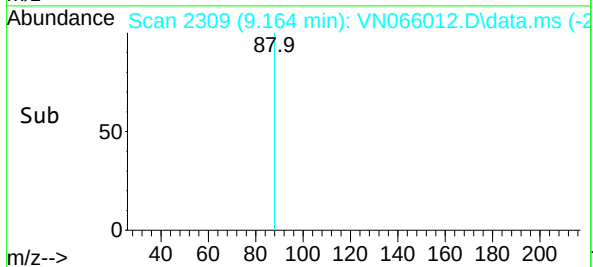
Tgt Ion:117 Resp: 12627
Ion Ratio Lower Upper
117 100
119 6.3 76.0 114.0#
121 0.0 24.5 36.7#

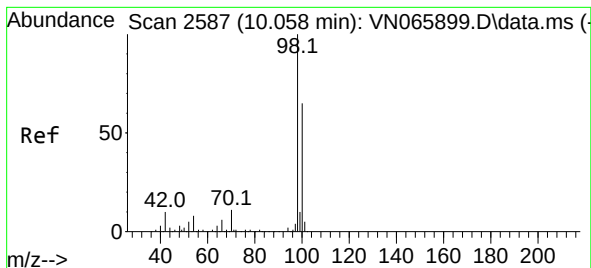


#49
1,4-Dioxane
Concen: 5.50 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.004 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27



Tgt Ion: 88 Resp: 134
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 0.0 52.6 78.8#

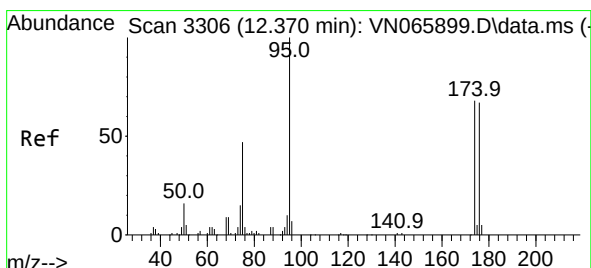
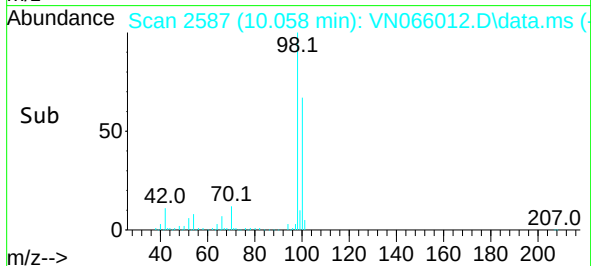
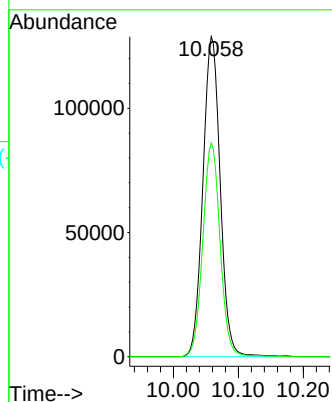
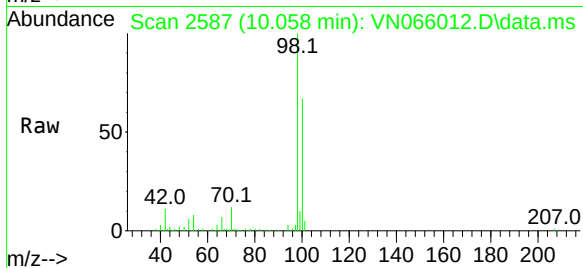




#50
Toluene-d8
Concen: 47.42 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

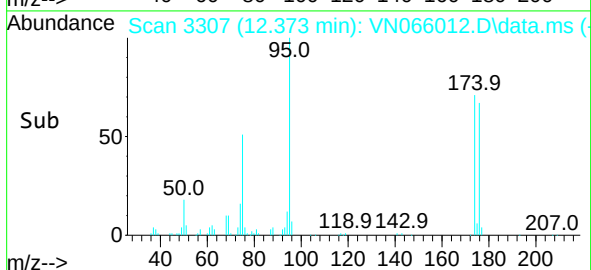
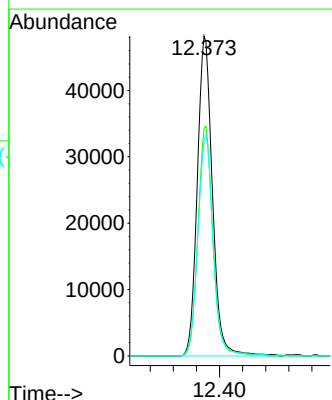
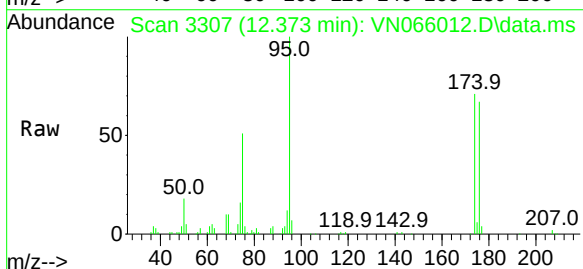
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-598-600

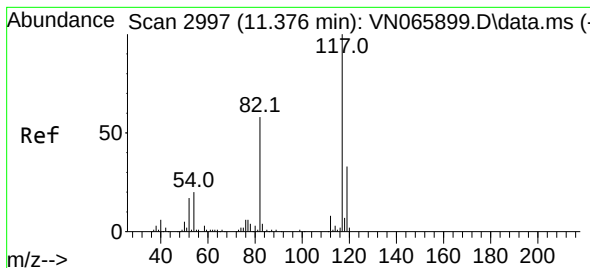
Tgt Ion: 98 Resp: 239525
Ion Ratio Lower Upper
98 100
100 66.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

Tgt Ion: 95 Resp: 87736
Ion Ratio Lower Upper
95 100
174 70.8 0.0 169.0
176 69.4 0.0 162.4

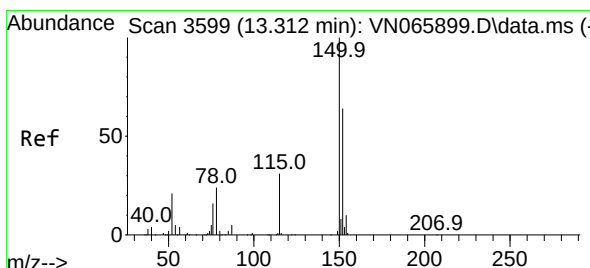
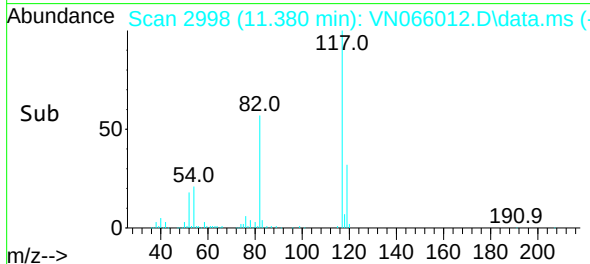
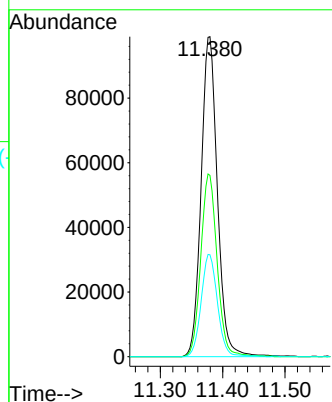
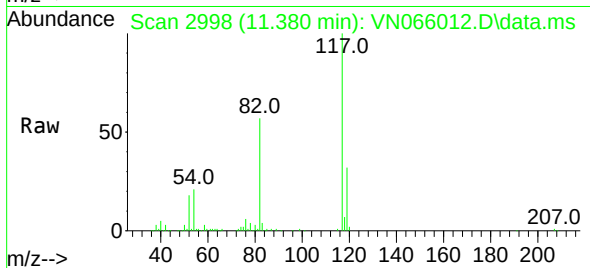




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

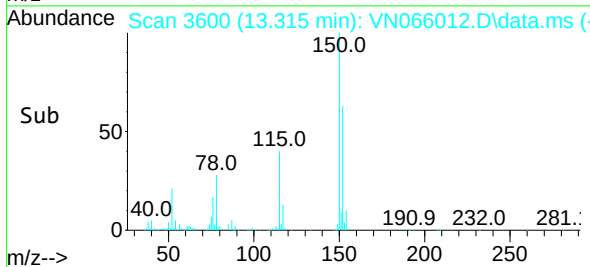
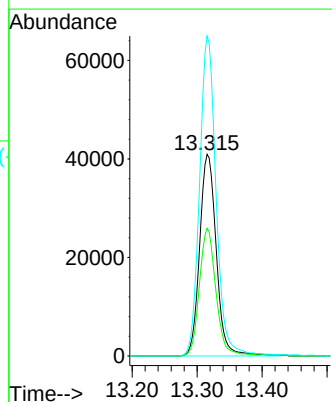
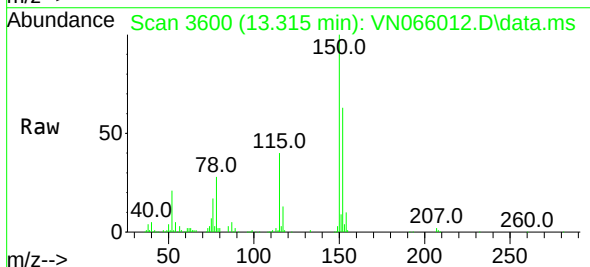
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-598-600

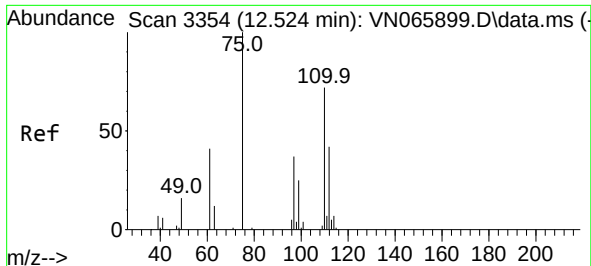
Tgt Ion:117 Resp: 179974
Ion Ratio Lower Upper
117 100
82 56.6 43.7 65.5
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

Tgt Ion:152 Resp: 73287
Ion Ratio Lower Upper
152 100
115 62.8 28.5 85.6
150 157.1 0.0 347.6

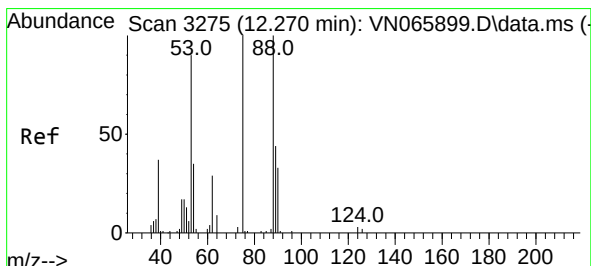
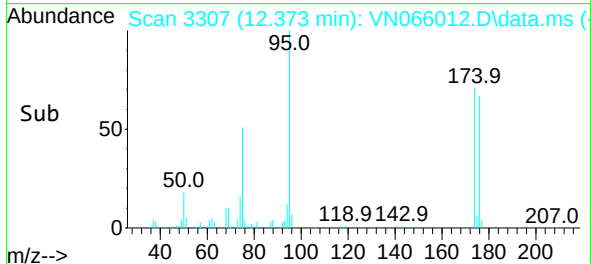
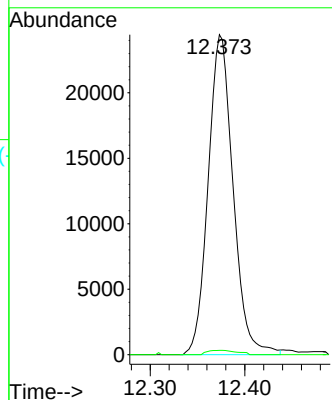
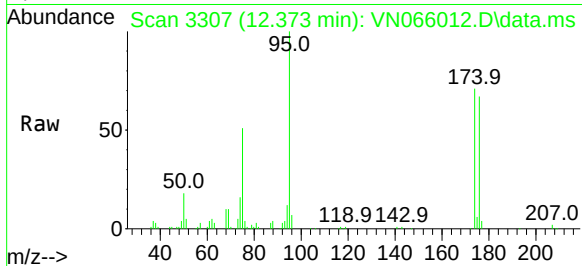




#76
1,2,3-Trichloropropane
Concen: 25.40 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

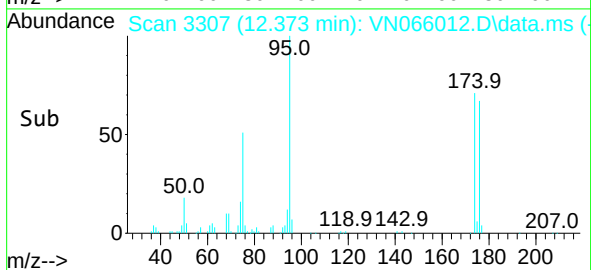
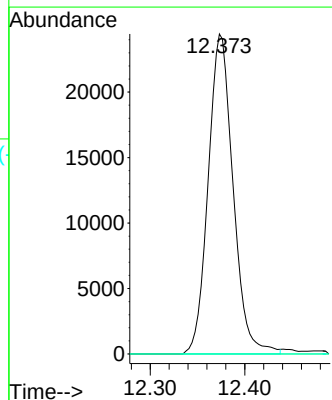
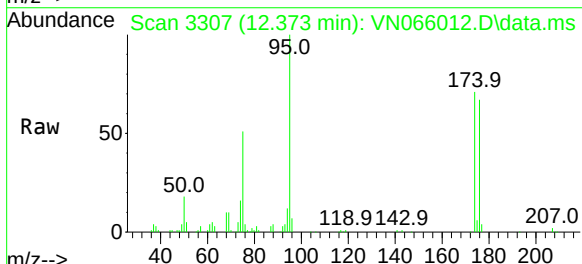
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-598-600

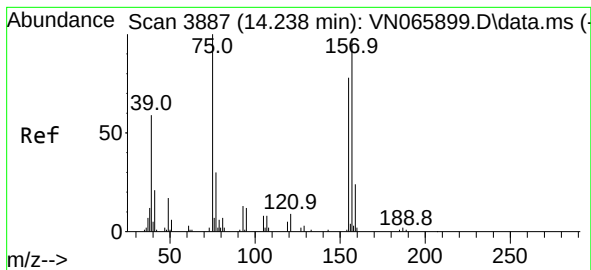
Tgt Ion: 75 Resp: 44717
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.95 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066012.D
Acq: 24 Feb 2021 18:27

Tgt Ion: 75 Resp: 44717
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: 1.02 ug/l

RT: 14.277 min Scan# 3899

Delta R.T. 0.039 min

Lab File: VN066012.D

Acq: 24 Feb 2021 18:27

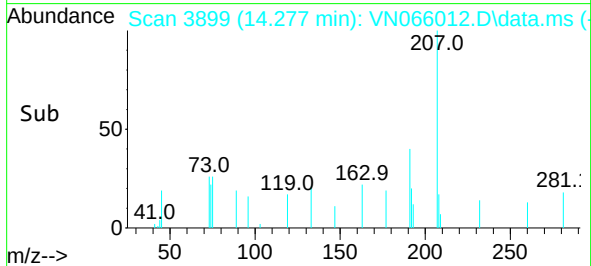
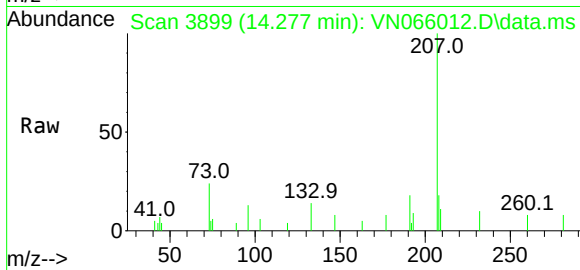
Tgt Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

155 0.0 44.1 132.4#

157 0.0 56.0 168.2#



Instrument :

MSVOA_N

ClientSampleId :

BP-TT-VPB-RW6-GW-598-600