

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065438.D
 Acq On : 8 Jan 2021 12:51
 Operator : JC/MD
 Sample : VN0108MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108MBL01

Quant Time: Jan 08 22:45:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

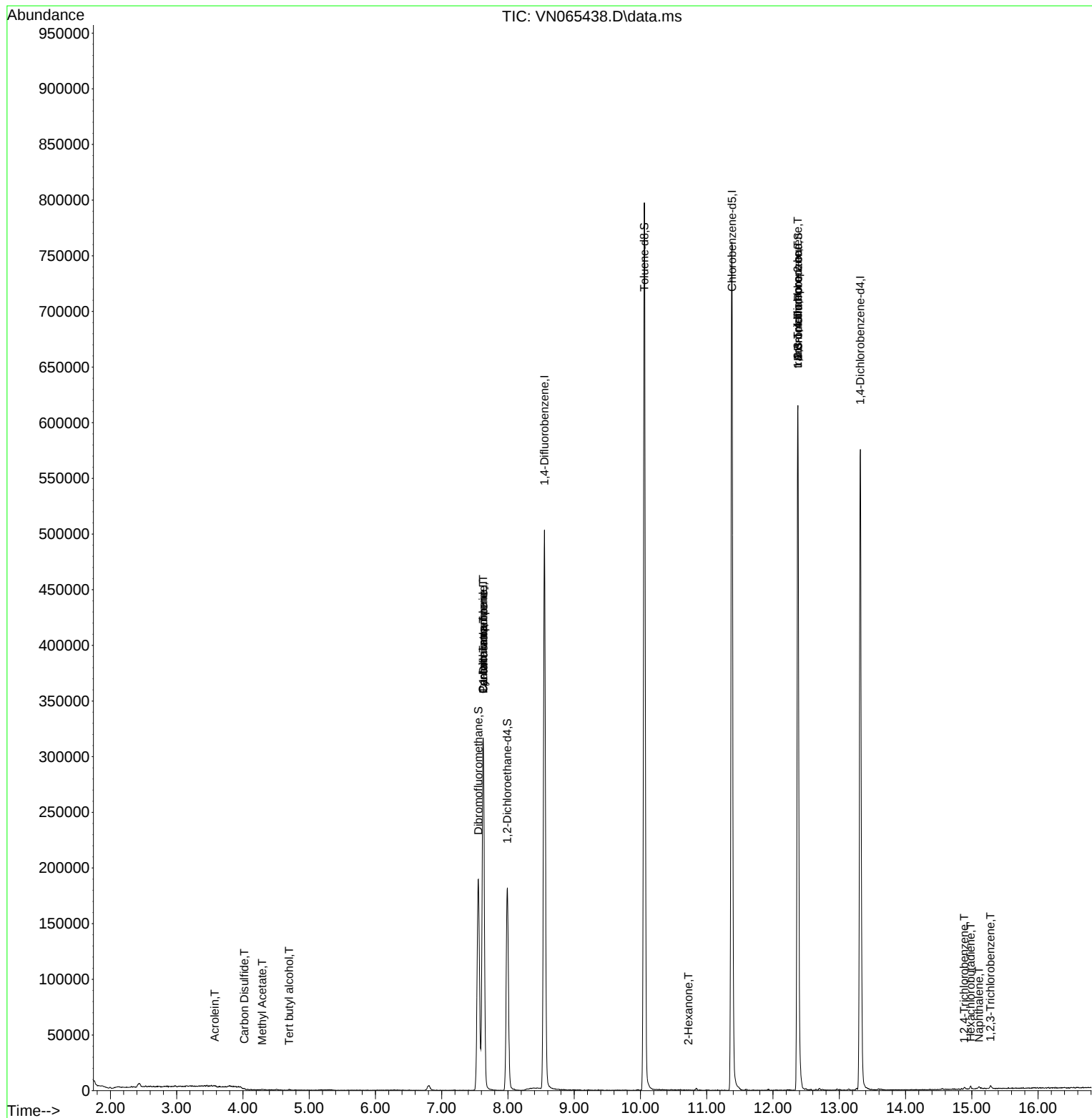
Internal Standards						
1) Pentafluorobenzene	7.627	168	291887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	479657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	481479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	180060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	164575	49.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.88%			
35) Dibromofluoromethane	7.553	113	147852	51.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.18%			
50) Toluene-d8	10.058	98	581620	53.63	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.26%			
62) 4-Bromofluorobenzene	12.376	95	215099	50.13	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.26%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.698	59	168	0.31	ug/l #	73
13) Acrolein	3.573	56	162	2.85	ug/l #	14
16) Acetone	3.798	43	666	Below Cal	#	43
17) Carbon Disulfide	4.020	76	1570	0.21	ug/l #	75
18) Methyl Acetate	4.290	43	855	0.29	ug/l #	50
31) Cyclohexane	7.624	56	4790	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	18490	4.24	ug/l #	49
38) Carbon Tetrachloride	7.624	117	23985	5.24	ug/l #	17
59) 2-Hexanone	10.724	43	711	0.23	ug/l #	23
71) Bromoform	12.376	173	1253	0.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	104562	28.46	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	104562	71.77	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.887	180	796	3.04	ug/l #	81
94) Hexachlorobutadiene	14.984	225	668	0.29	ug/l	96
95) Naphthalene	15.109	128	3372	3.71	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.283	180	1338	3.60	ug/l	96

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

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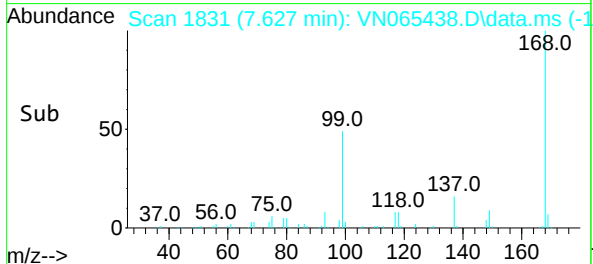
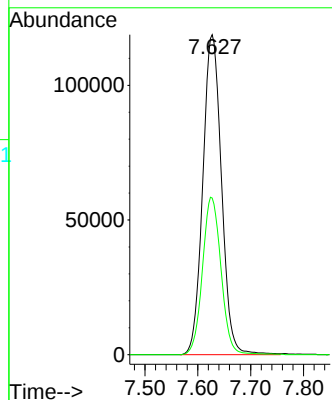
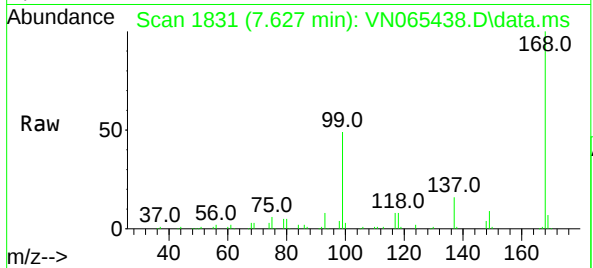




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

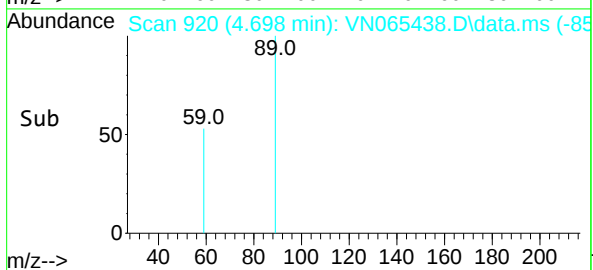
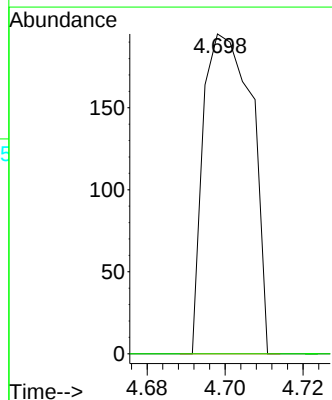
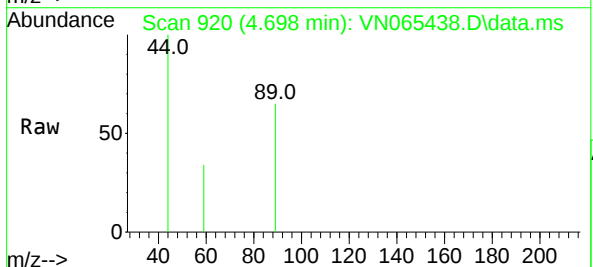
Instrument :
MSVOA_N
ClientSampleId :
VN0108MBL01

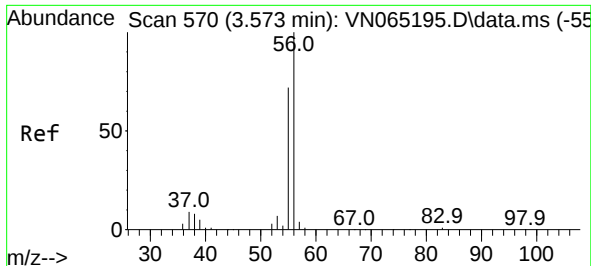
Tgt Ion:168 Resp: 291887
Ion Ratio Lower Upper
168 100
99 48.9 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.31 ug/l
RT: 4.698 min Scan# 920
Delta R.T. -0.074 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

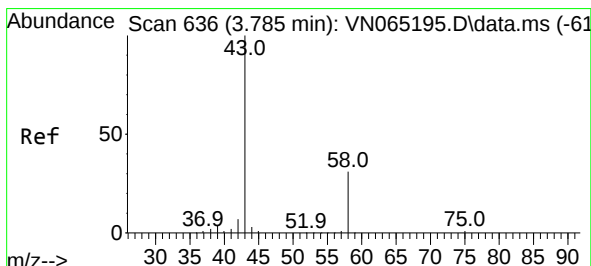
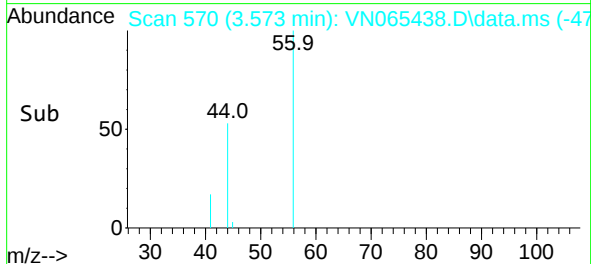
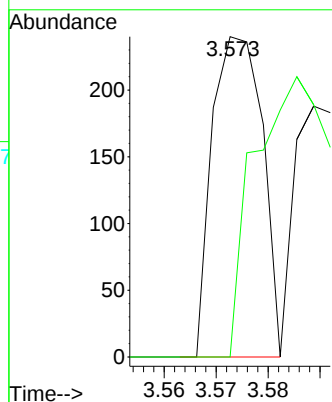
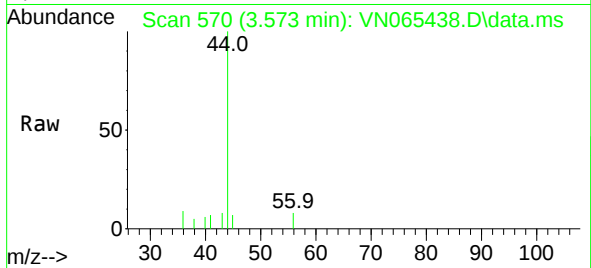




#13
Acrolein
Concen: 2.85 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

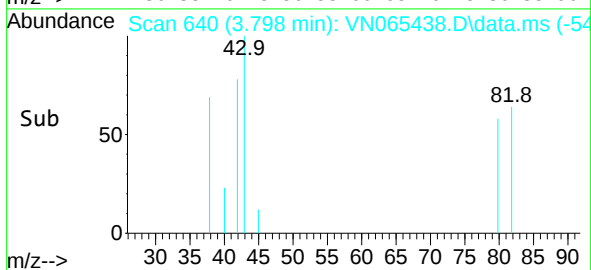
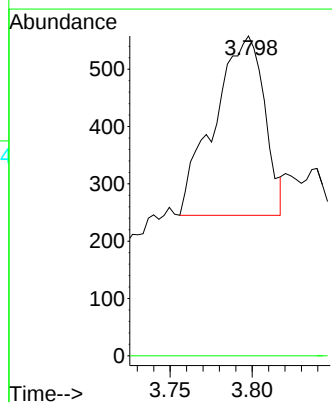
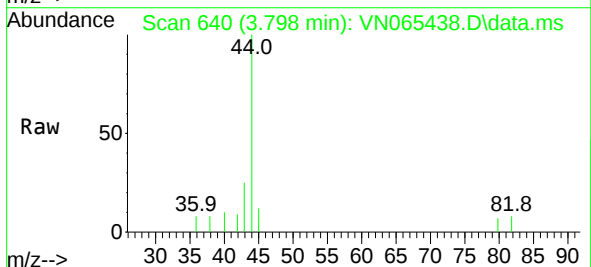
Instrument :
MSVOA_N
ClientSampleId :
VN0108MBL01

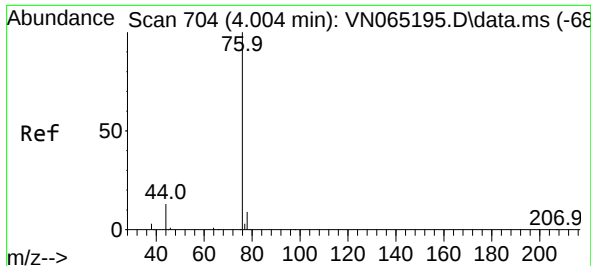
Tgt Ion: 56 Resp: 162
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.798 min Scan# 640
Delta R.T. 0.013 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#

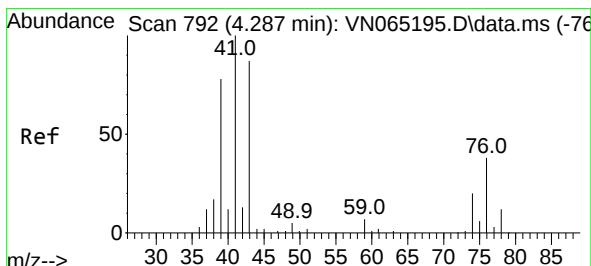
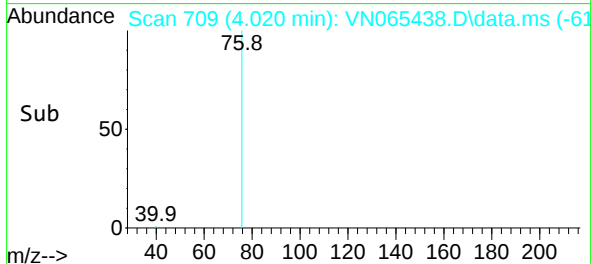
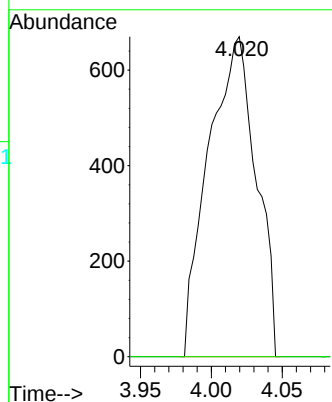
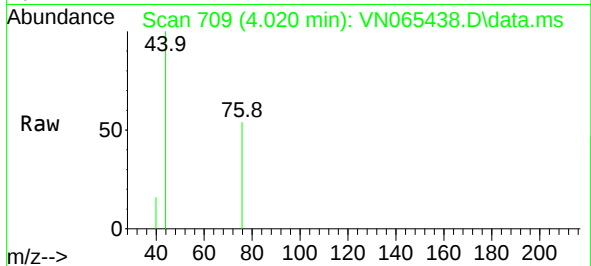




#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 4.020 min Scan# 709
Delta R.T. 0.016 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

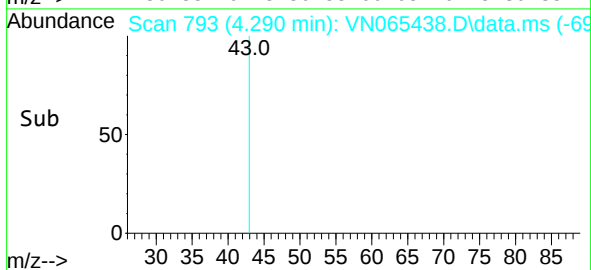
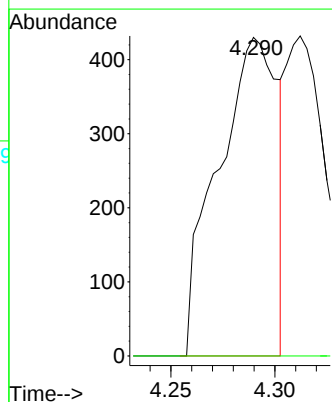
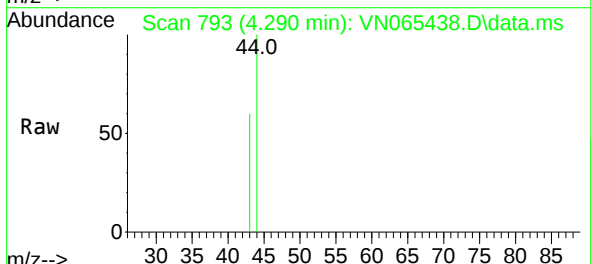
Instrument :
MSVOA_N
ClientSampleId :
VN0108MBL01

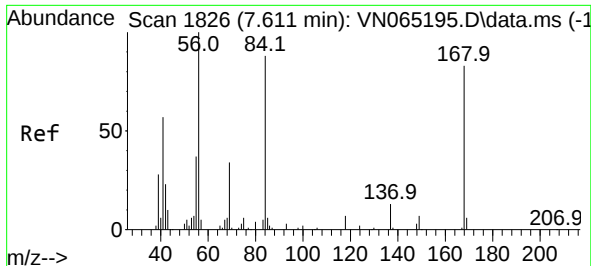
Tgt Ion: 76 Resp: 1570
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.003 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

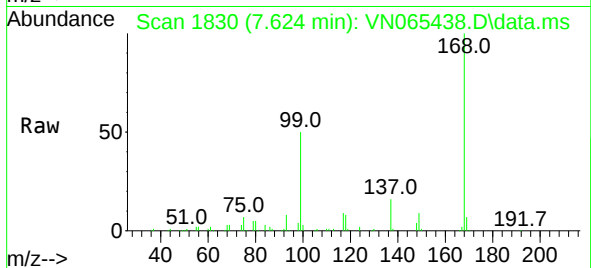
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



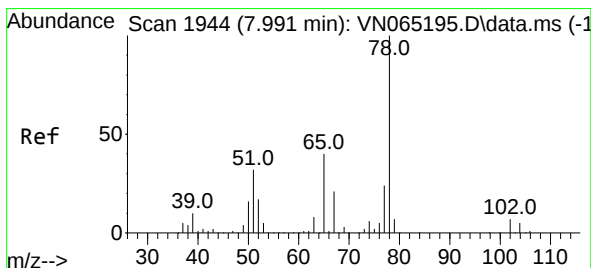
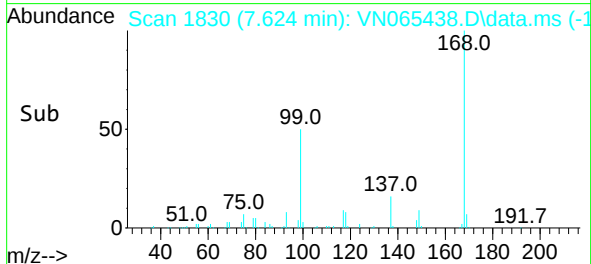
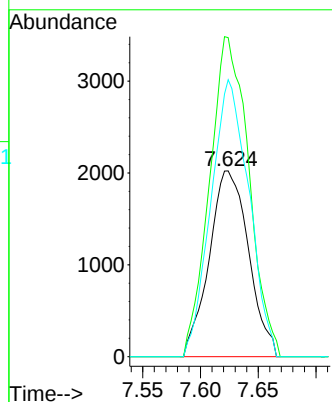


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0108MBL01

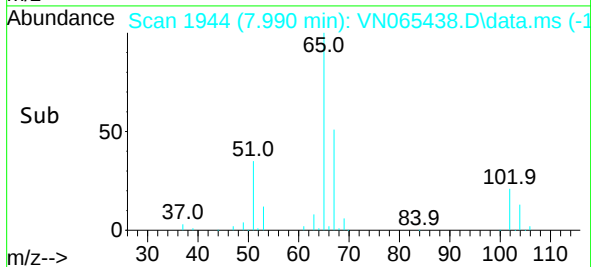
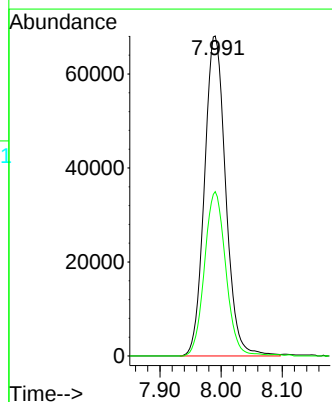
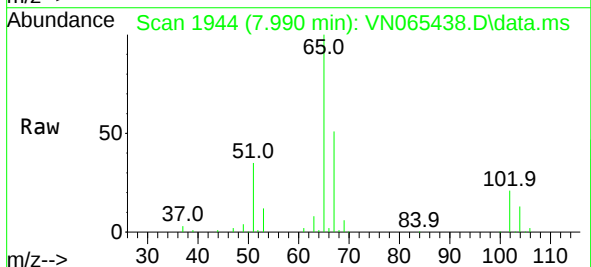


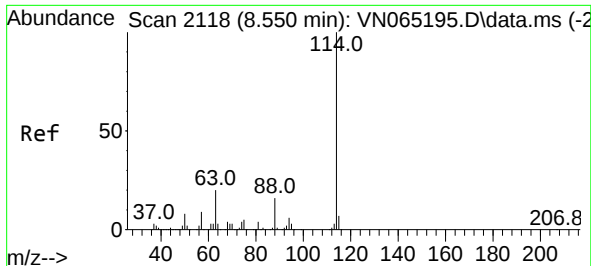
Tgt Ion: 56 Resp: 4790
Ion Ratio Lower Upper
56 100
69 171.8 27.5 41.3#
84 149.2 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 49.94 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

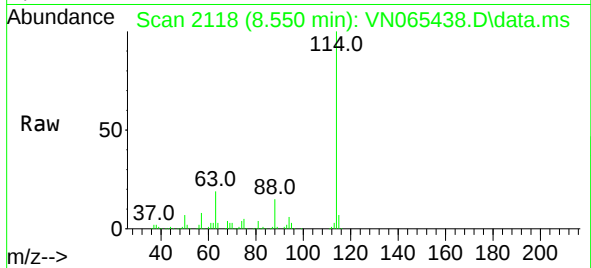
Tgt Ion: 65 Resp: 164575
Ion Ratio Lower Upper
65 100
67 51.4 0.0 108.2



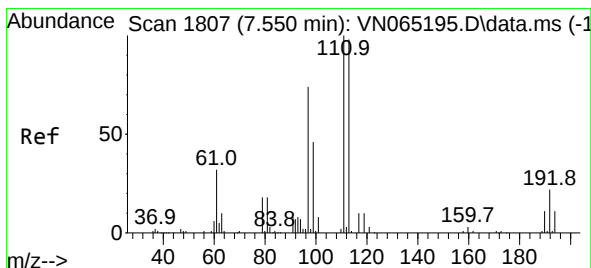
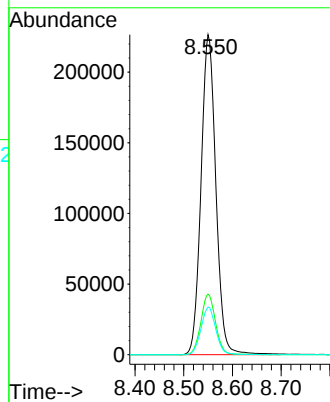
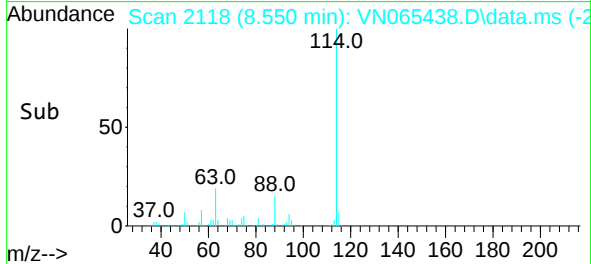


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

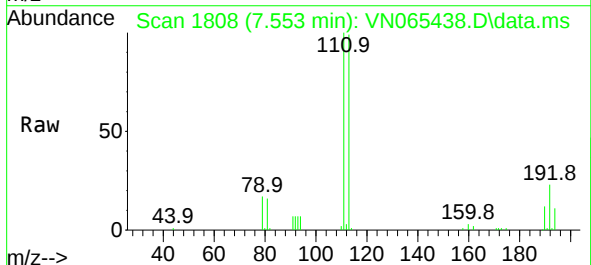
Instrument :
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ClientSampleId :
VN0108MBL01



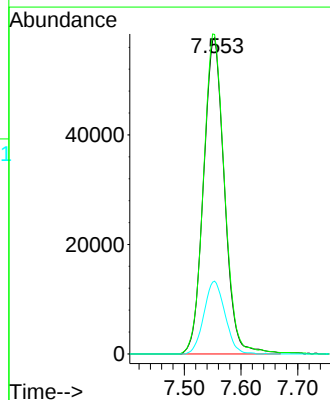
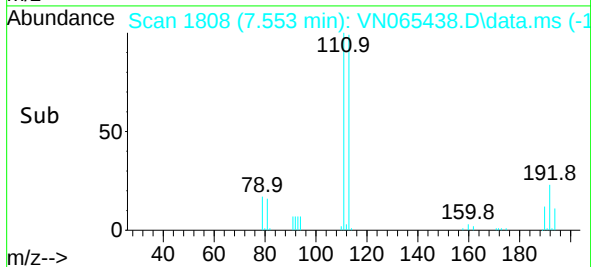
Tgt Ion:114 Resp: 479657
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.6
88 14.9 0.0 32.6

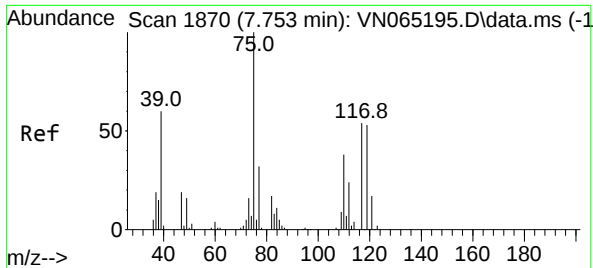


#35
Dibromofluoromethane
Concen: 51.09 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51



Tgt Ion:113 Resp: 147852
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 23.2 16.2 24.2

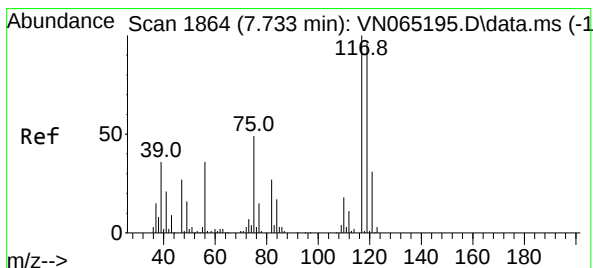
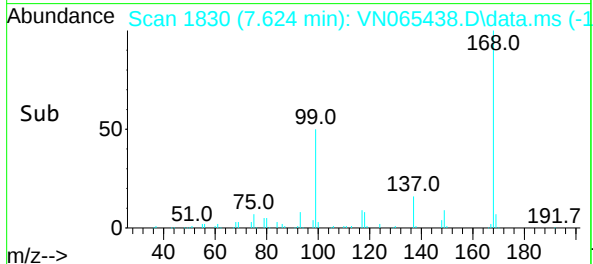
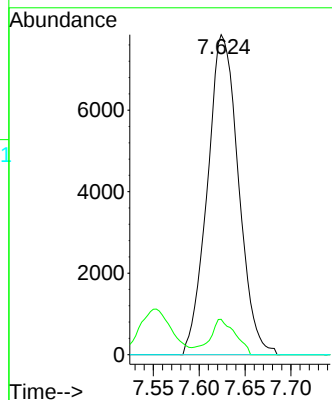
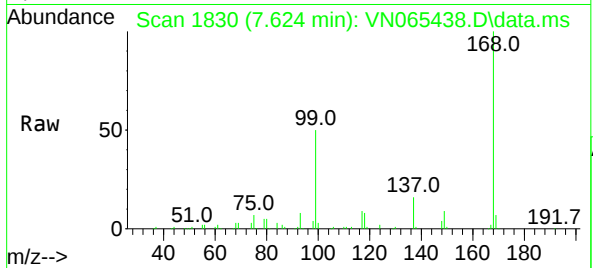




#36
1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

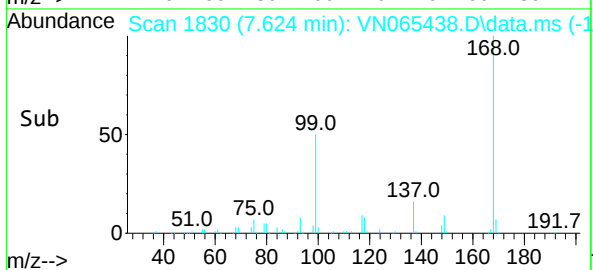
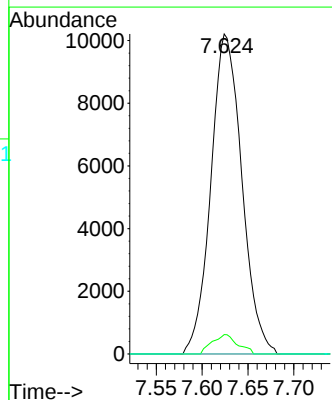
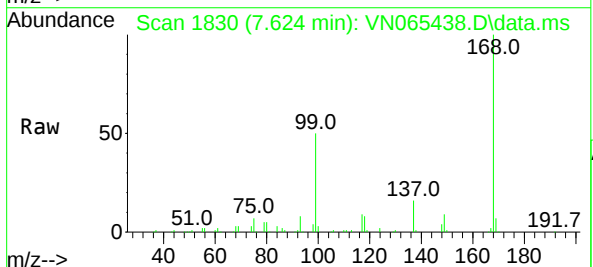
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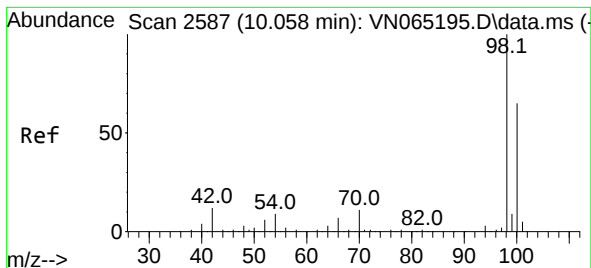
Tgt Ion: 75 Resp: 18490
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.24 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Tgt Ion: 117 Resp: 23985
Ion Ratio Lower Upper
117 100
119 6.0 76.7 115.1#
121 0.0 25.4 38.2#

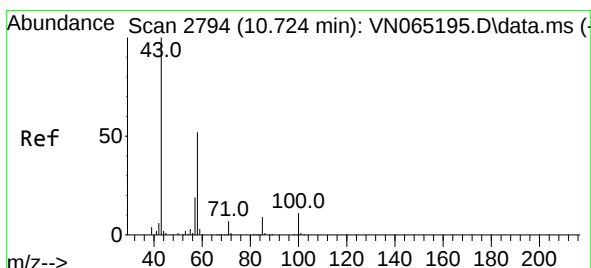
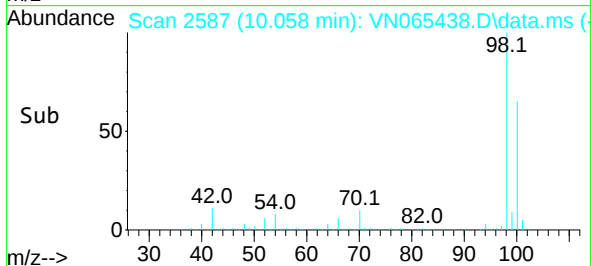
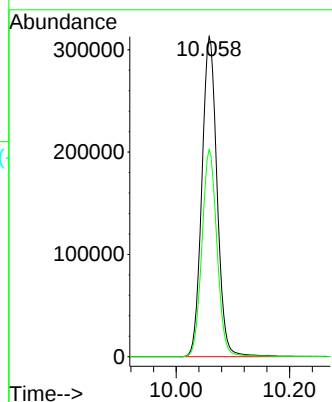
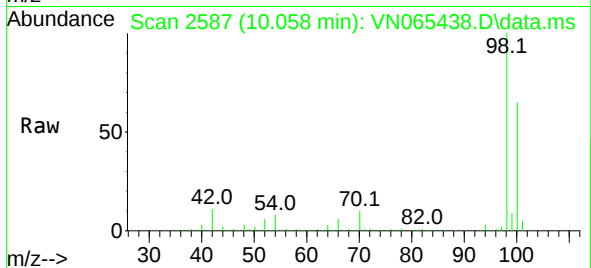




#50
Toluene-d8
Concen: 53.63 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

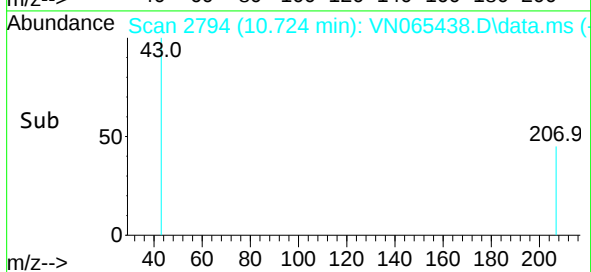
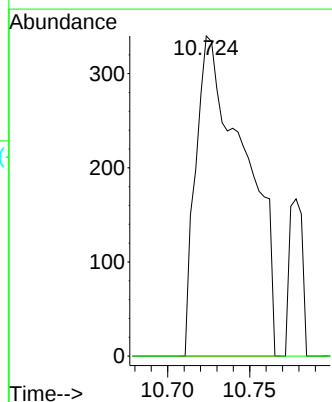
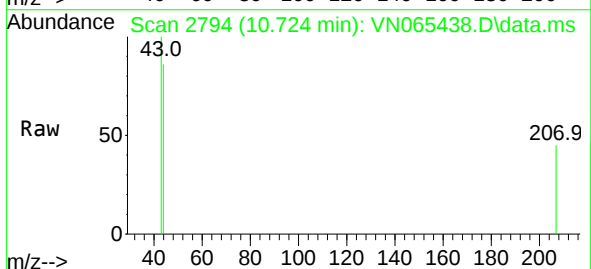
Instrument :
MSVOA_N
ClientSampleId :
VN0108MBL01

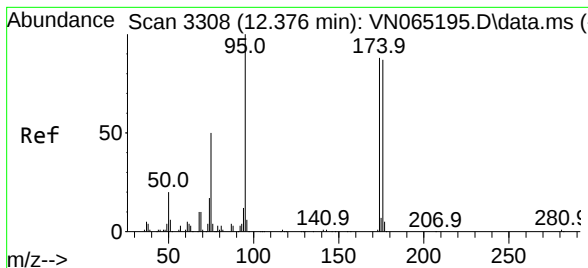
Tgt Ion: 98 Resp: 581620
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#59
2-Hexanone
Concen: 0.23 ug/l
RT: 10.724 min Scan# 2794
Delta R.T. -0.001 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

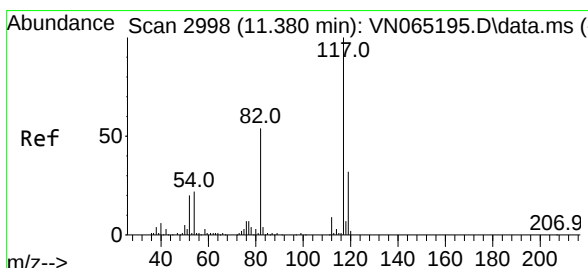
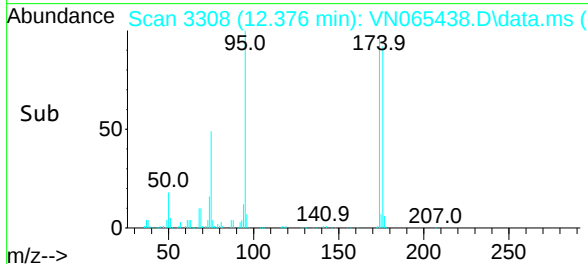
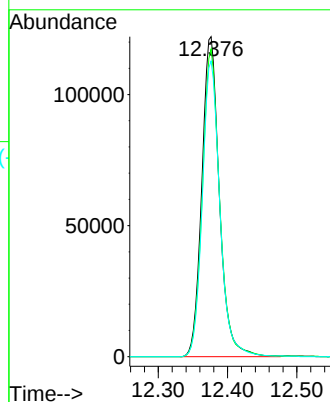
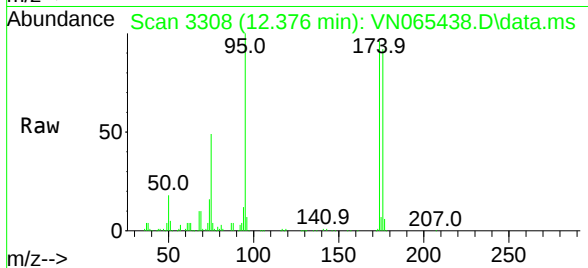




#62
4-Bromofluorobenzene
Concen: 50.13 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

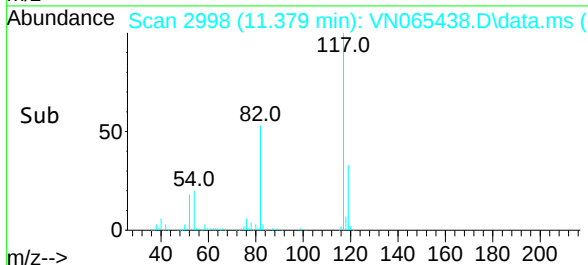
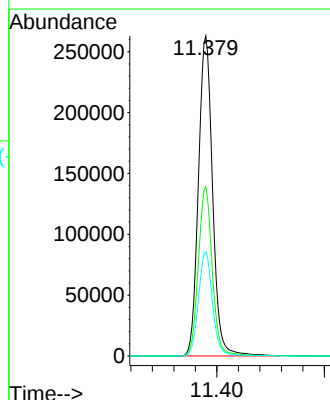
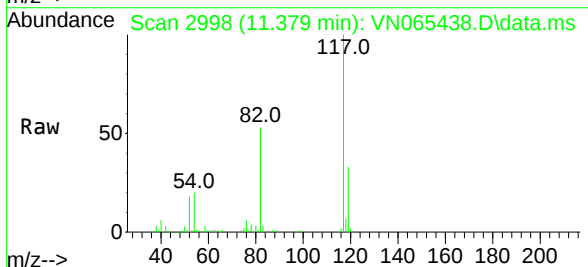
Instrument :
MSVOA_N
ClientSampleId :
VN0108MBL01

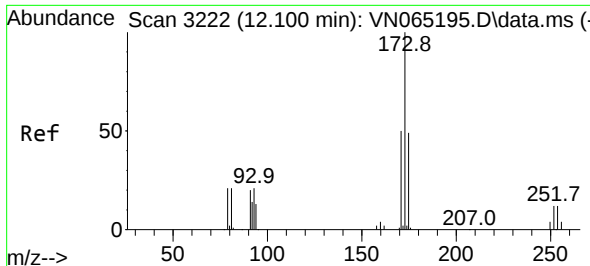
Tgt Ion: 95 Resp: 215099
Ion Ratio Lower Upper
95 100
174 94.9 0.0 160.4
176 92.0 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

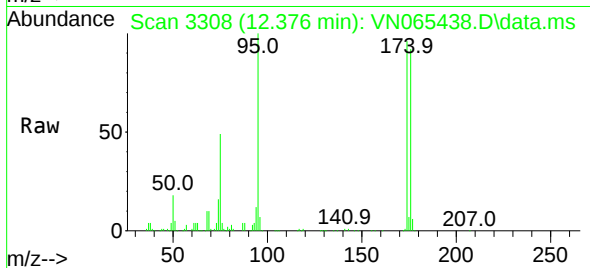
Tgt Ion: 117 Resp: 481479
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.6 25.8 38.6



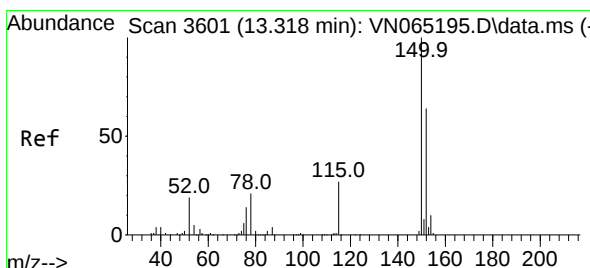
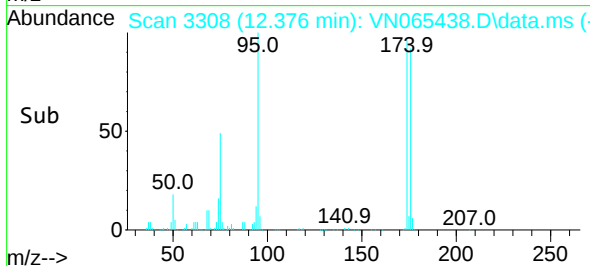
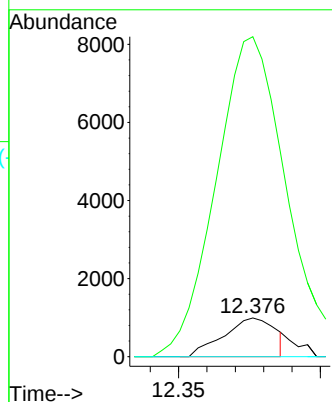


#71
Bromoform
Concen: 0.38 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0108MBL01

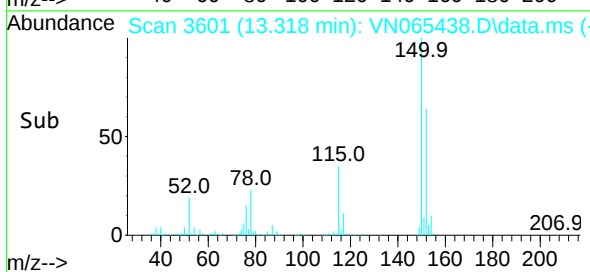
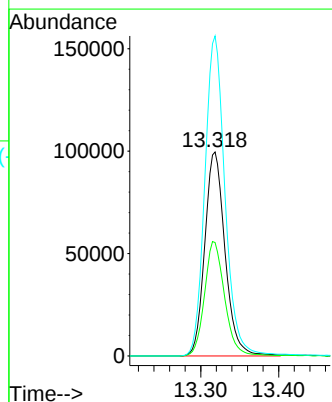
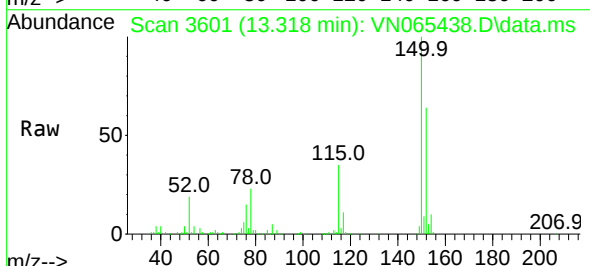


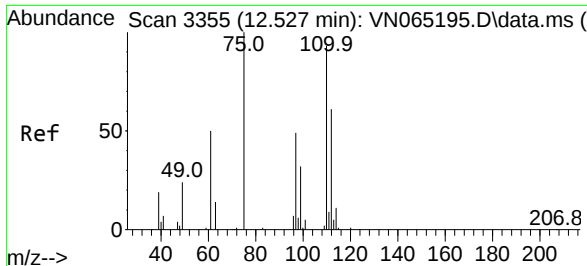
Tgt Ion:173 Resp: 1253
Ion Ratio Lower Upper
173 100
175 942.5 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Tgt Ion:152 Resp: 180060
Ion Ratio Lower Upper
152 100
115 55.6 29.7 89.1
150 156.9 0.0 350.6

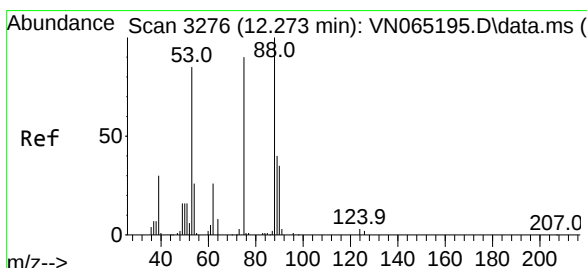
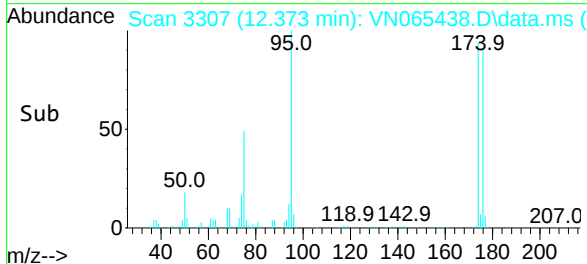
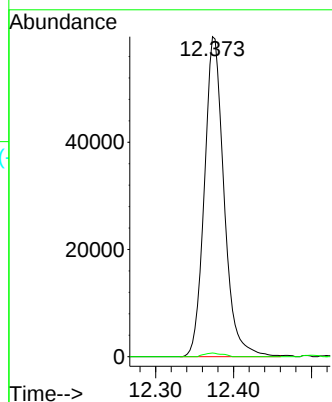
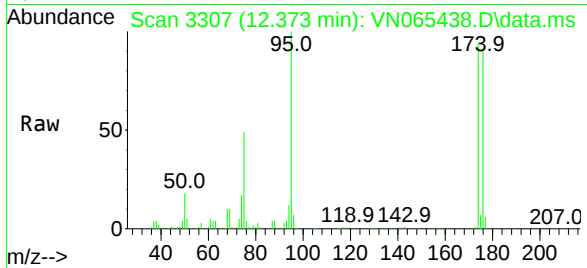




#76
1,2,3-Trichloropropane
Concen: 28.46 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.154 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

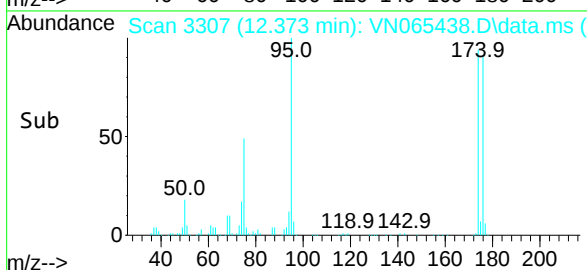
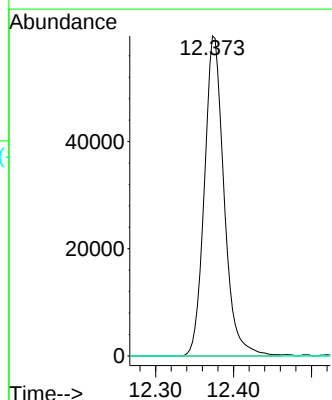
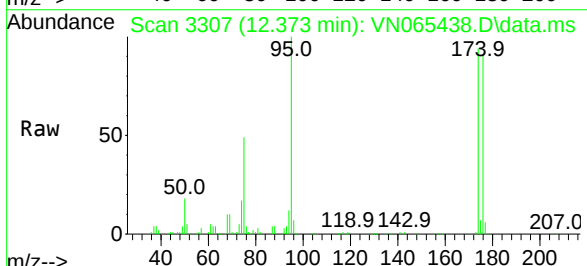
Instrument :
MSVOA_N
ClientSampleId :
VN0108MBL01

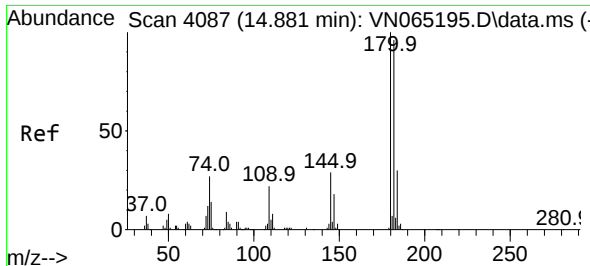
Tgt Ion: 75 Resp: 104562
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.77 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.100 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Tgt Ion: 75 Resp: 104562
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

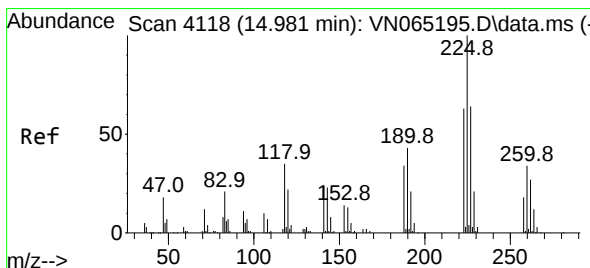
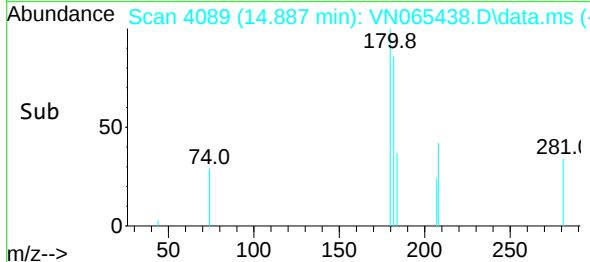
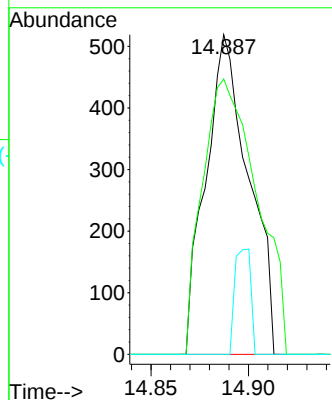
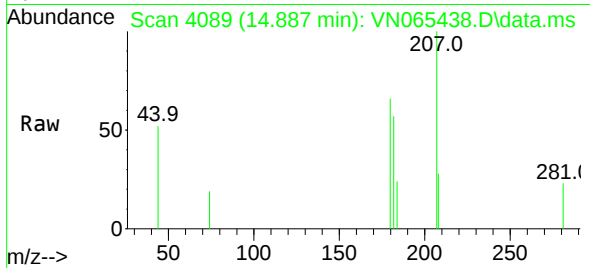




#93
1,2,4-Trichlorobenzene
Concen: 3.04 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.006 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

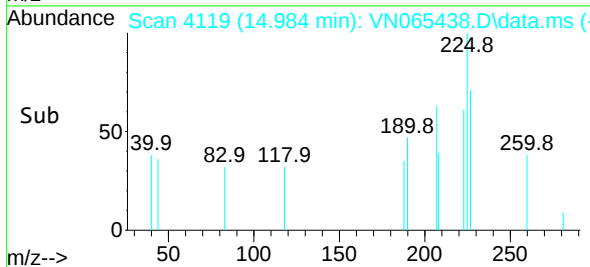
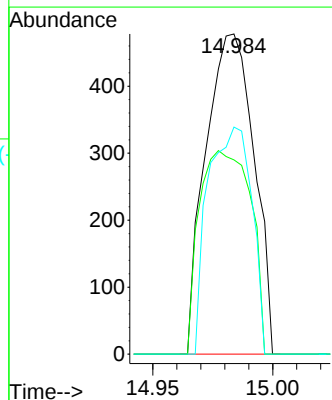
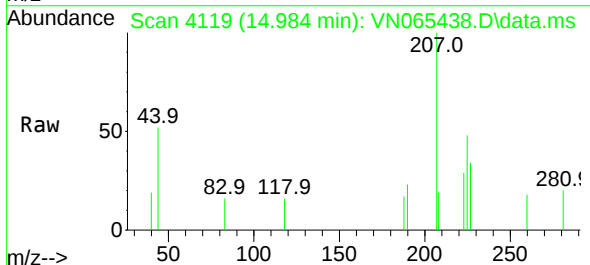
Instrument :
MSVOA_N
ClientSampleId :
VN0108MBL01

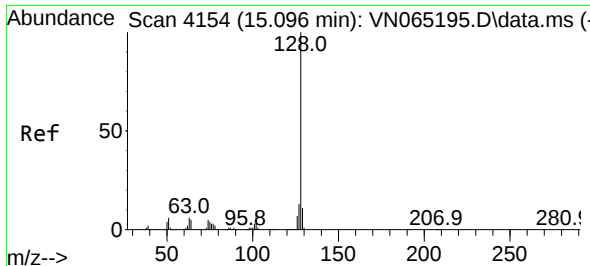
Tgt Ion:180 Resp: 796
Ion Ratio Lower Upper
180 100
182 109.4 47.6 142.9
145 12.1 15.3 45.8#



#94
Hexachlorobutadiene
Concen: 0.29 ug/l
RT: 14.984 min Scan# 4119
Delta R.T. 0.003 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Tgt Ion:225 Resp: 668
Ion Ratio Lower Upper
225 100
223 67.4 31.0 93.0
227 64.2 32.0 96.0

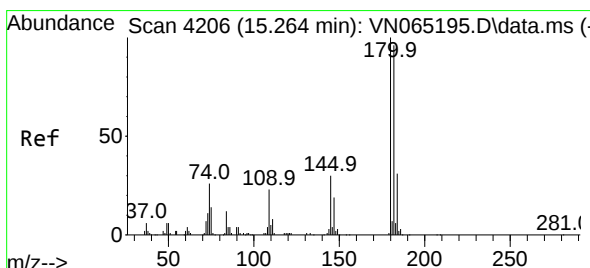
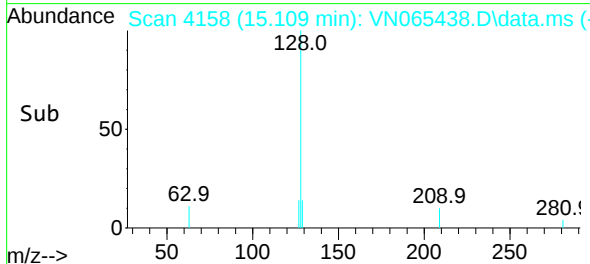
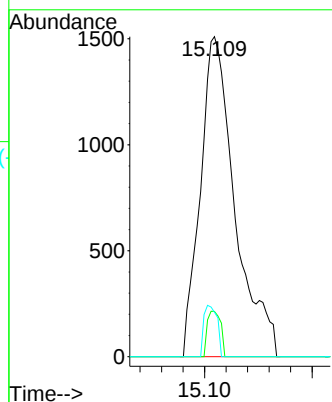
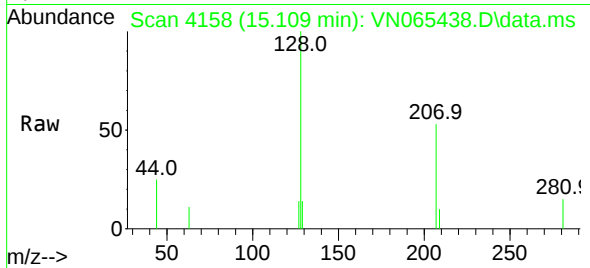




#95
Naphthalene
Concen: 3.71 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0108MBL01

Tgt Ion:128 Resp: 3372
Ion Ratio Lower Upper
128 100
127 5.5 10.3 15.5#
129 6.1 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.60 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.019 min
Lab File: VN065438.D
Acq: 8 Jan 2021 12:51

Tgt Ion:180 Resp: 1338
Ion Ratio Lower Upper
180 100
182 94.7 48.1 144.4
145 26.3 16.4 49.1

