

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010521\
 Data File : VN065384.D
 Acq On : 5 Jan 2021 13:33
 Operator : JC/MD
 Sample : MB01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 06 01:16:03 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)

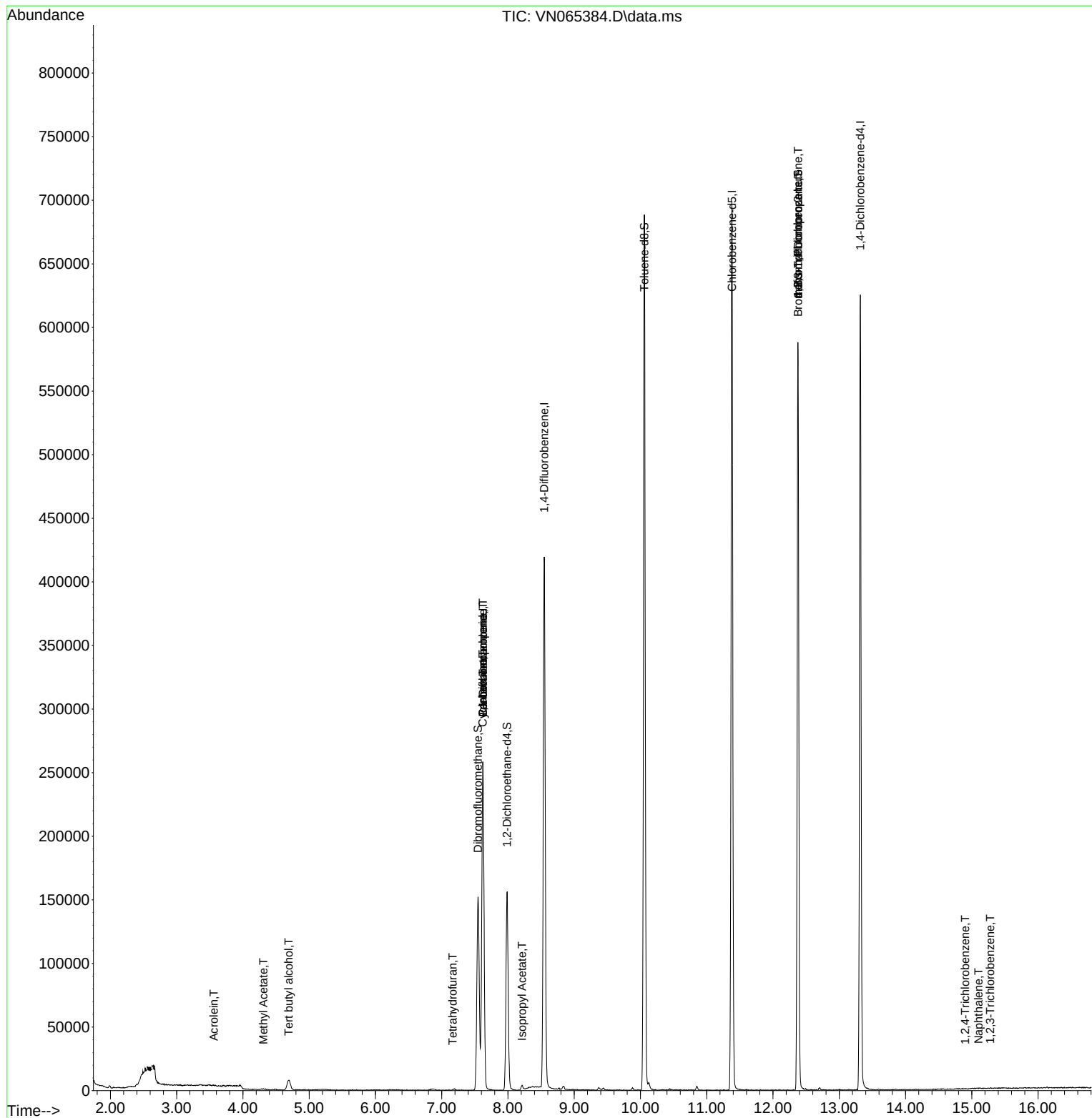
Internal Standards						
1) Pentafluorobenzene	7.621	168	235032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	397968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	429226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	183893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	134592	50.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.46%			
35) Dibromofluoromethane	7.547	113	118903	49.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.04%			
50) Toluene-d8	10.058	98	494482	54.95	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.90%			
62) 4-Bromofluorobenzene	12.376	95	198421	55.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.34%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.689	59	8047	18.53	ug/l #	73
13) Acrolein	3.560	56	62	2.62	ug/l #	71
16) Acetone	3.791	43	152	Below Cal	#	43
18) Methyl Acetate	4.309	43	1780	0.75	ug/l #	50
29) Tetrahydrofuran	7.164	42	194	0.20	ug/l #	68
31) Cyclohexane	7.618	56	3814	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	15197	4.20	ug/l #	49
38) Carbon Tetrachloride	7.621	117	20186	5.31	ug/l #	17
43) Isopropyl Acetate	8.213	43	1910	0.31	ug/l #	59
71) Bromoform	12.380	173	1356	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	97641	26.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	97641	65.63	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.900	180	93	2.86	ug/l #	72
95) Naphthalene	15.103	128	224	3.39	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.280	180	29	3.23	ug/l #	1

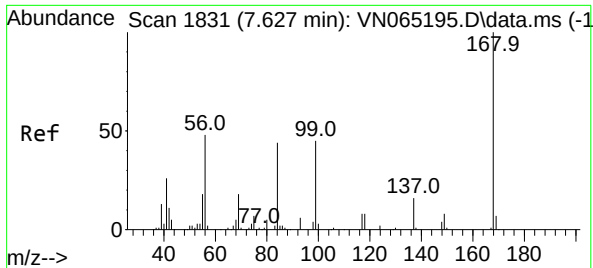
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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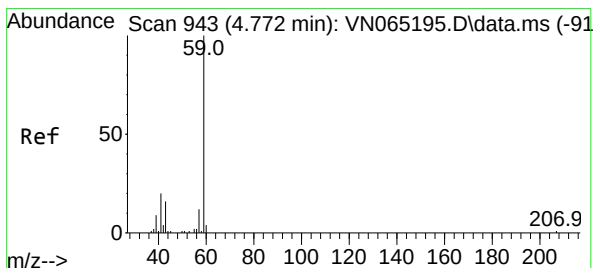
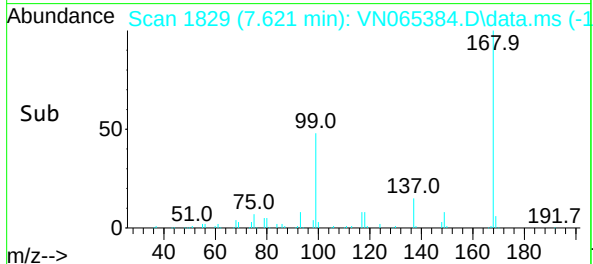
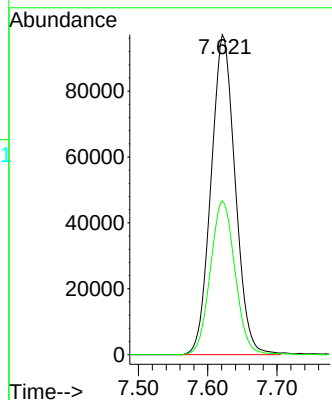
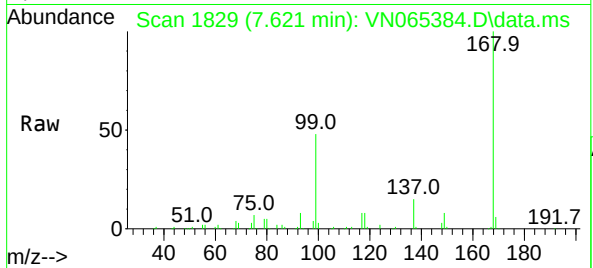




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

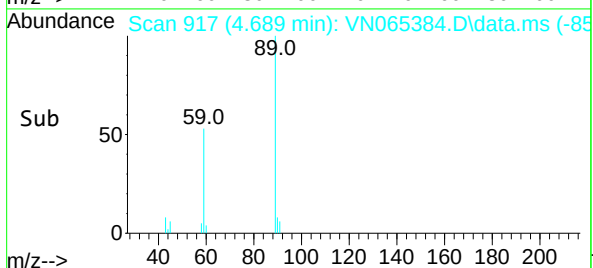
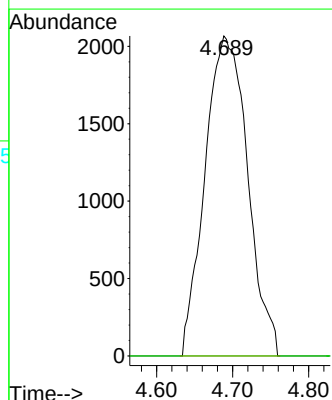
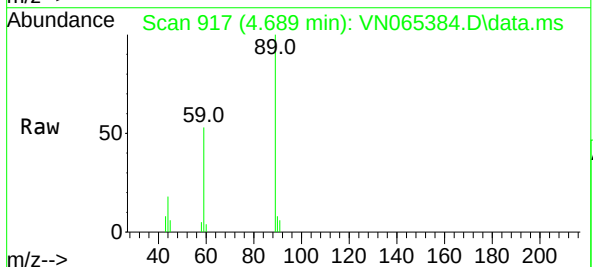
Instrument :
MSVOA_N
ClientSampled :

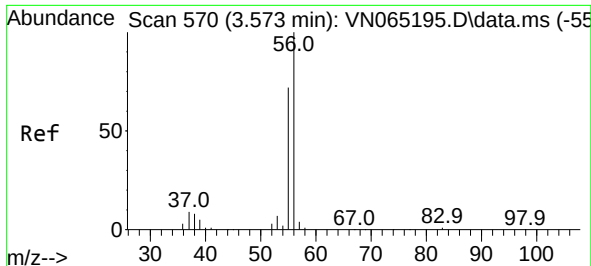
Tgt Ion:168 Resp: 235032
Ion Ratio Lower Upper
168 100
99 48.1 43.0 64.4



#11
Tert butyl alcohol
Concen: 18.53 ug/l
RT: 4.689 min Scan# 917
Delta R.T. -0.083 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

Tgt Ion: 59 Resp: 8047
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

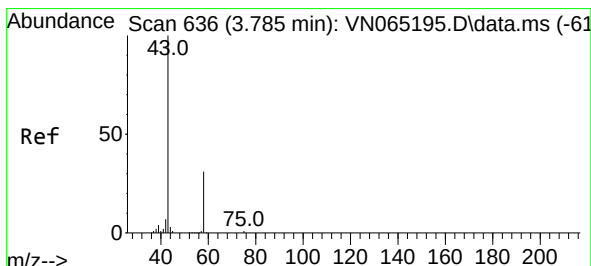
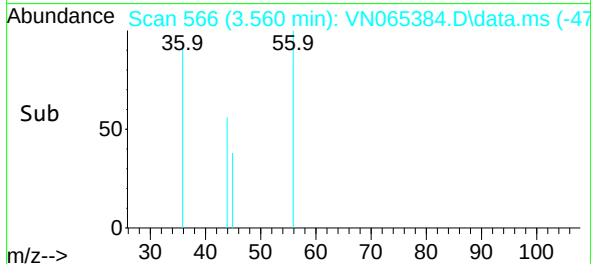
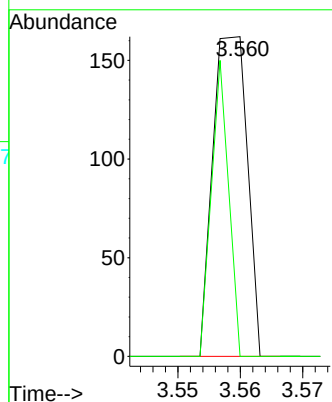
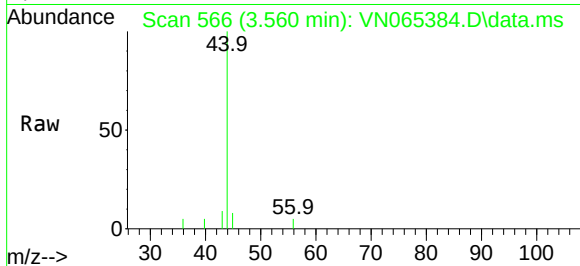




#13
Acrolein
Concen: 2.62 ug/l
RT: 3.560 min Scan# 566
Delta R.T. -0.013 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

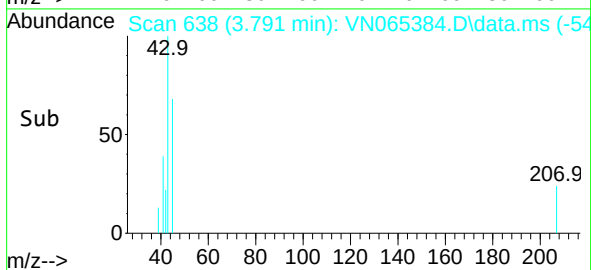
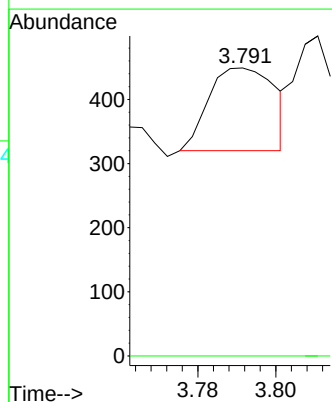
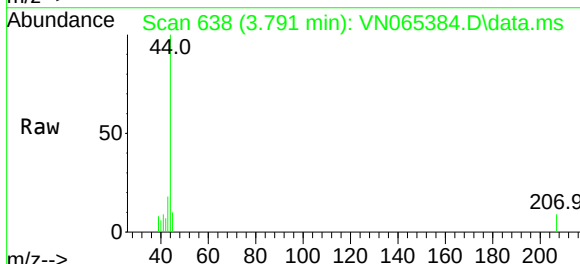
Instrument :
MSVOA_N
ClientSampled :

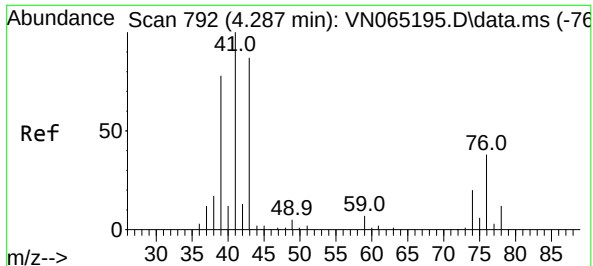
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 46.8 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#18

Methyl Acetate

Concen: 0.75 ug/l

RT: 4.309 min Scan# 799

Delta R.T. 0.022 min

Lab File: VN065384.D

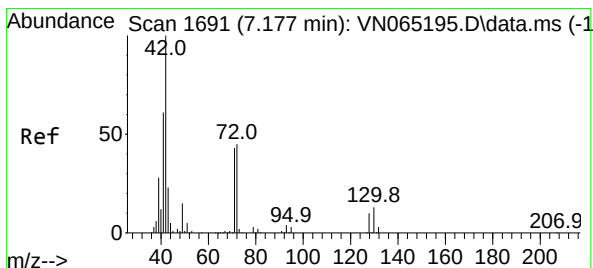
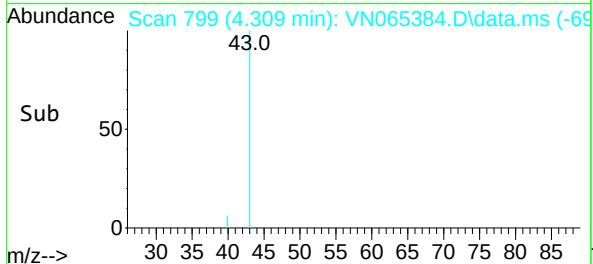
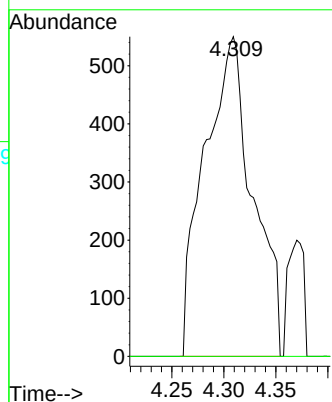
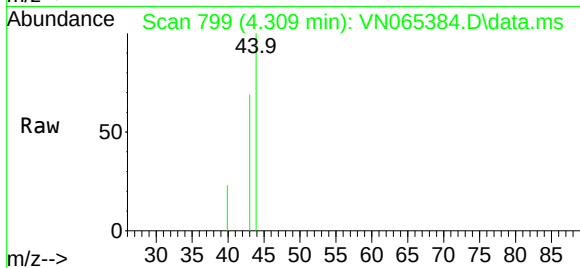
Acq: 5 Jan 2021 13:33

Tgt Ion: 43 Resp: 1780

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



#29

Tetrahydrofuran

Concen: 0.20 ug/l

RT: 7.164 min Scan# 1687

Delta R.T. -0.013 min

Lab File: VN065384.D

Acq: 5 Jan 2021 13:33

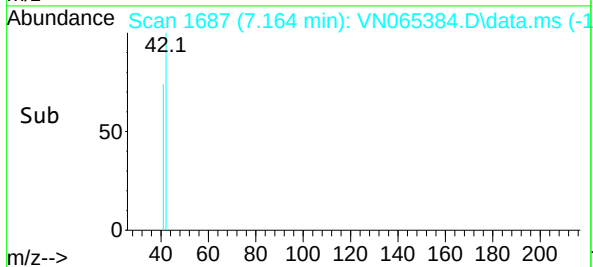
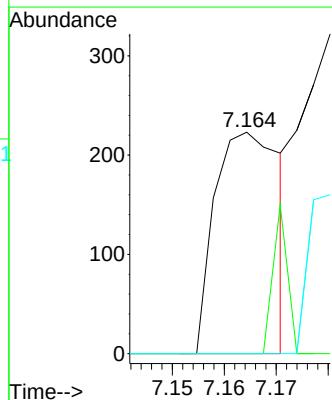
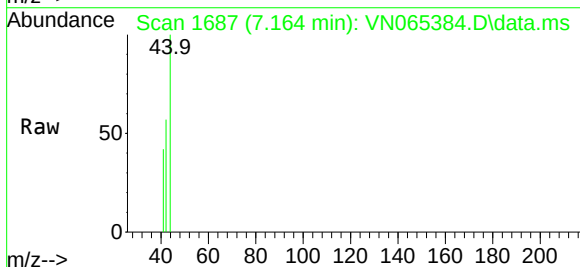
Tgt Ion: 42 Resp: 194

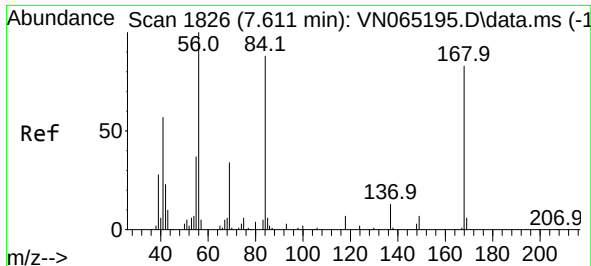
Ion Ratio Lower Upper

42 100

72 14.9 36.6 54.8#

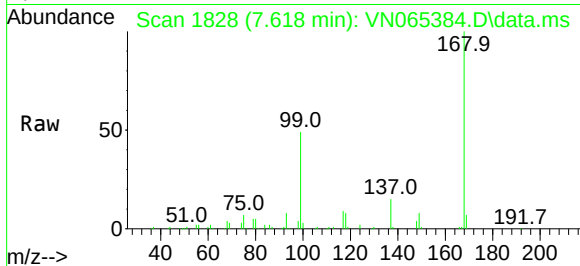
71 31.4 33.6 50.4#



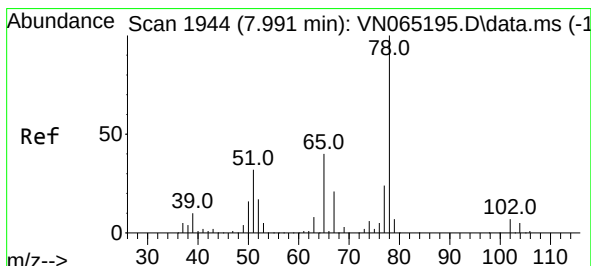
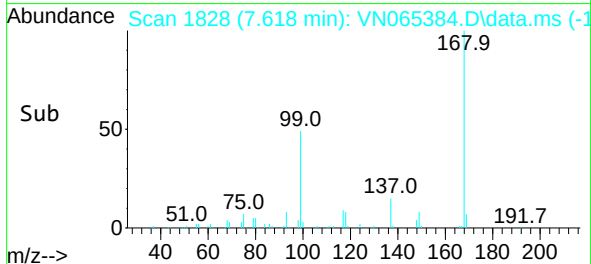
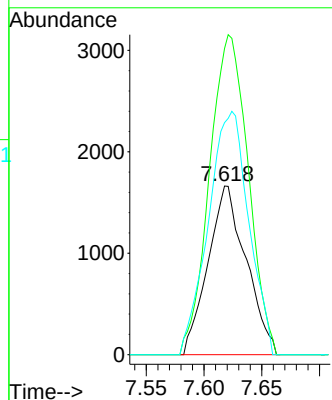


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

Instrument :
MSVOA_N
ClientSampled :

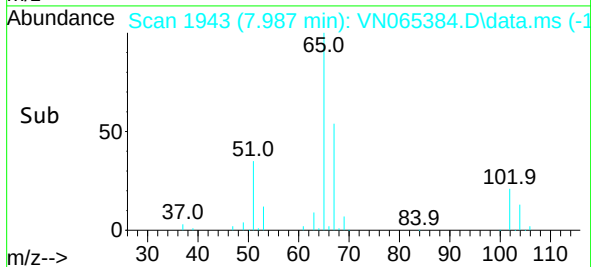
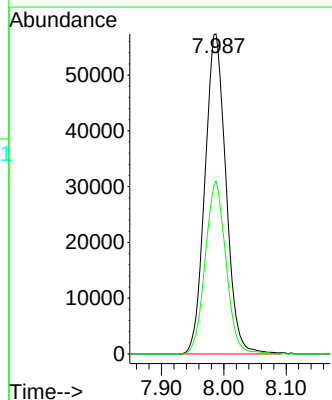
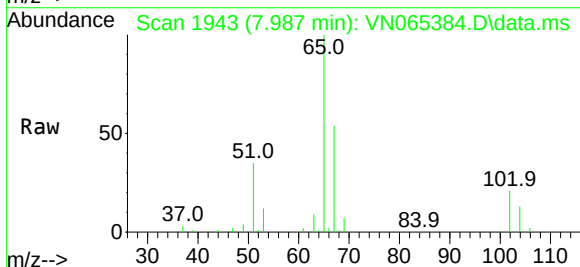


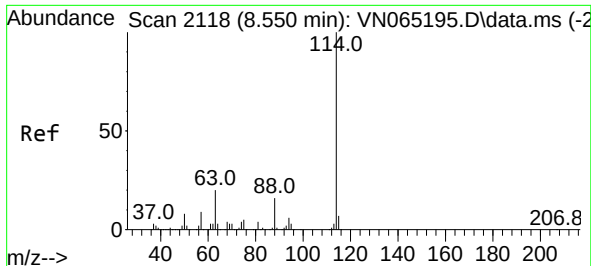
Tgt Ion: 56 Resp: 3814
Ion Ratio Lower Upper
56 100
69 181.5 27.5 41.3#
84 137.6 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 50.73 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. -0.004 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

Tgt Ion: 65 Resp: 134592
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.2



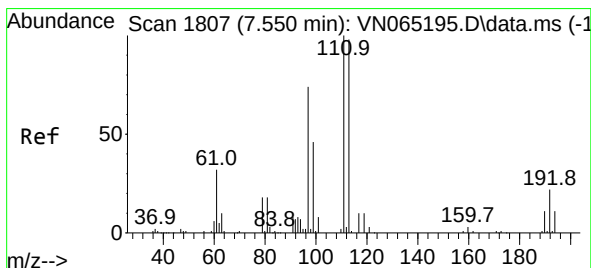
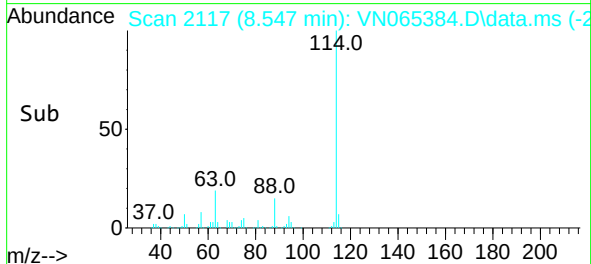
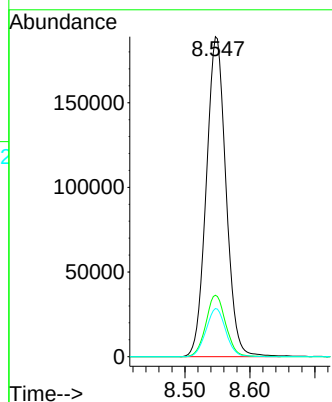
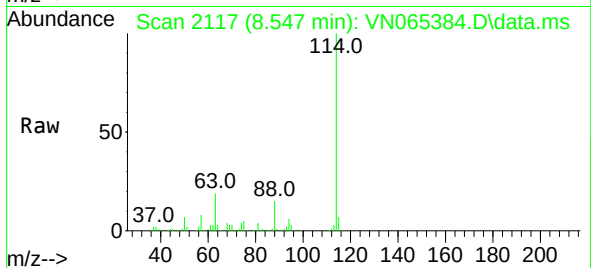


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

Instrument :
MSVOA_N
ClientSampleId :

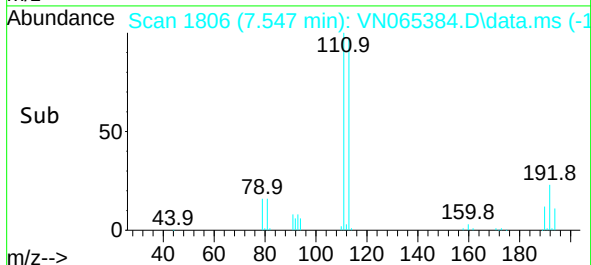
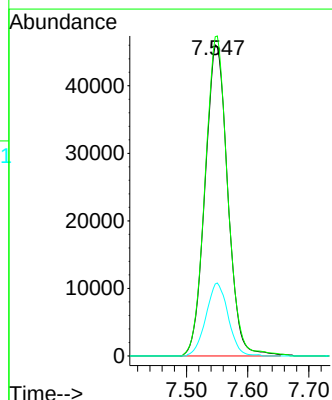
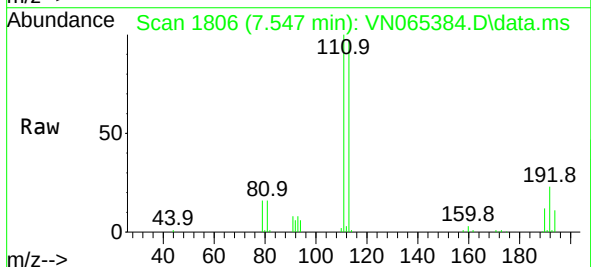
Tgt Ion:114 Resp: 397968
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 15.0 0.0 32.6

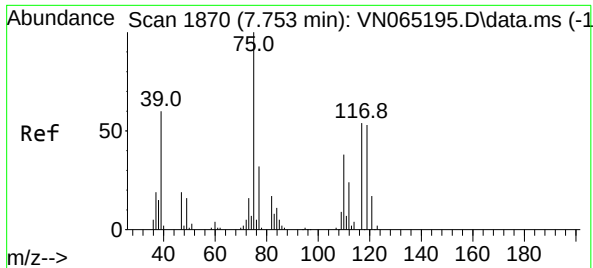


#35

Dibromofluoromethane
Concen: 49.52 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

Tgt Ion:113 Resp: 118903
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 22.8 16.2 24.2

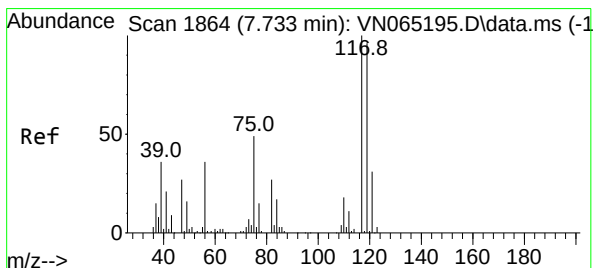
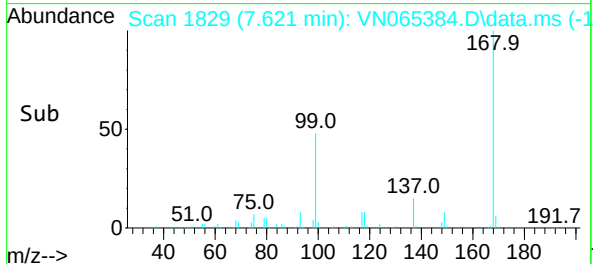
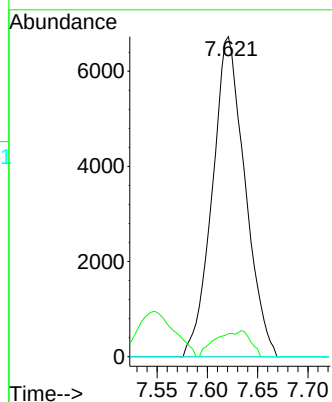
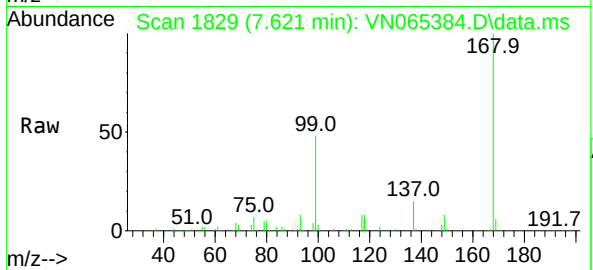




#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.132 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

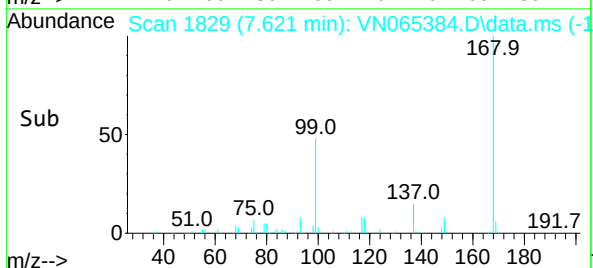
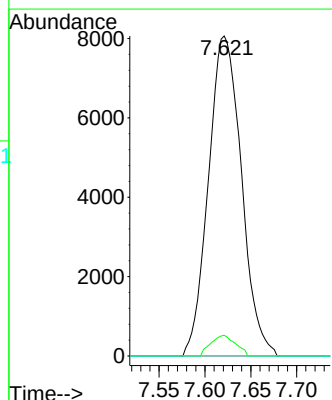
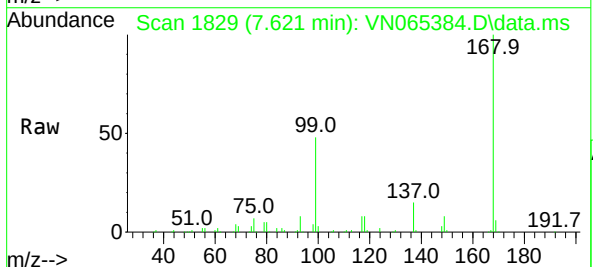
Instrument :
MSVOA_N
ClientSampled :

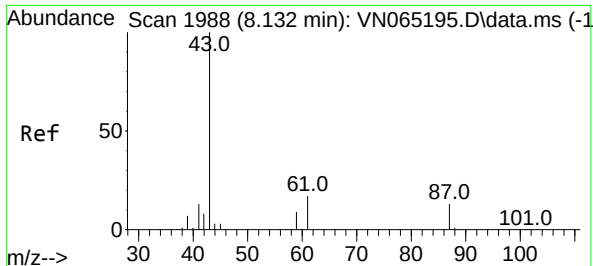
Tgt Ion: 75 Resp: 15197
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.31 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.112 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

Tgt Ion: 117 Resp: 20186
Ion Ratio Lower Upper
117 100
119 6.4 76.7 115.1#
121 0.0 25.4 38.2#

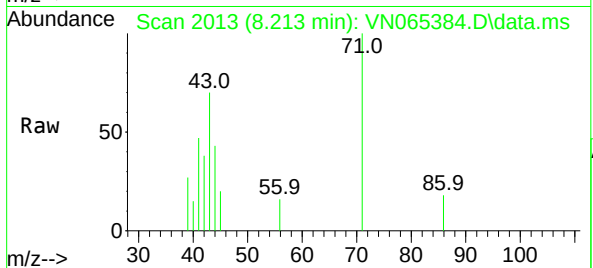




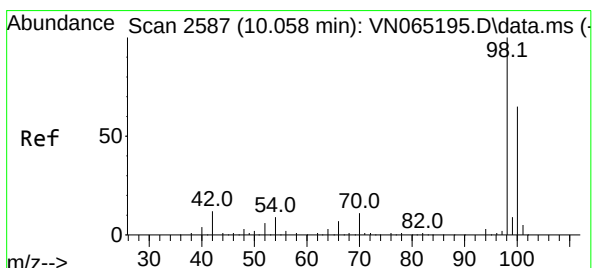
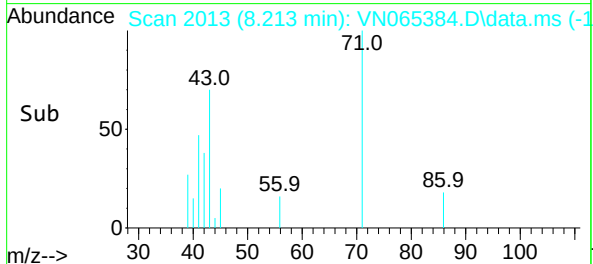
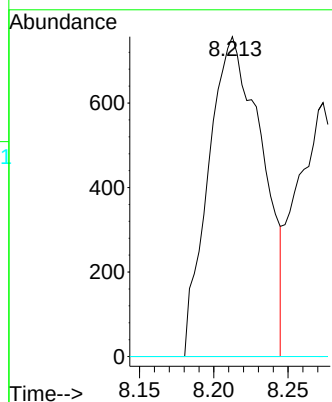
#43

Isopropyl Acetate
 Concen: 0.31 ug/l
 RT: 8.213 min Scan# 2013
 Delta R.T. 0.081 min
 Lab File: VN065384.D
 Acq: 5 Jan 2021 13:33

Instrument :
 MSVOA_N
 ClientSampled :



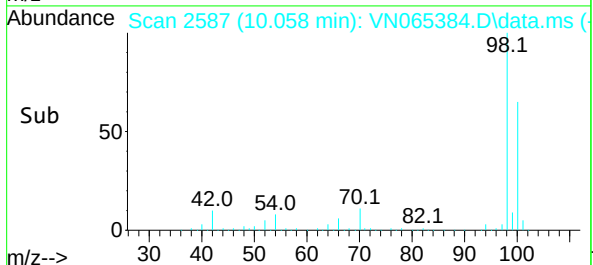
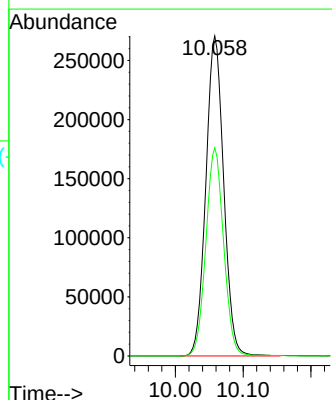
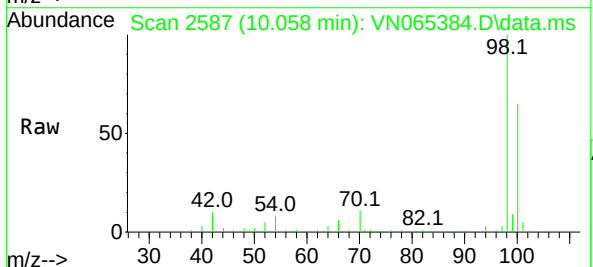
Tgt Ion: 43	Resp: 1910
Ion Ratio	Lower Upper
43	100
61	0.0 17.2 25.8#
87	0.0 11.4 17.0#

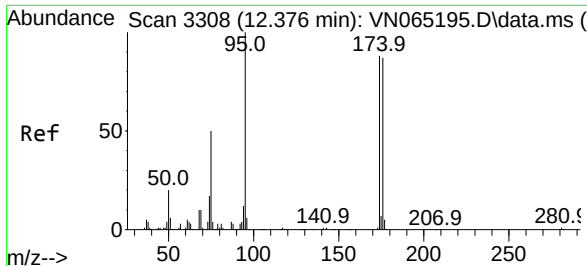


#50

Toluene-d8
 Concen: 54.95 ug/l
 RT: 10.058 min Scan# 2587
 Delta R.T. 0.000 min
 Lab File: VN065384.D
 Acq: 5 Jan 2021 13:33

Tgt Ion: 98	Resp: 494482
Ion Ratio	Lower Upper
98	100
100	64.9 51.7 77.5

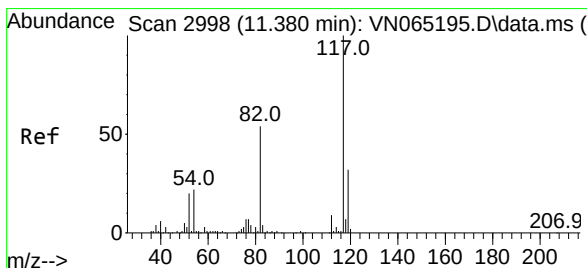
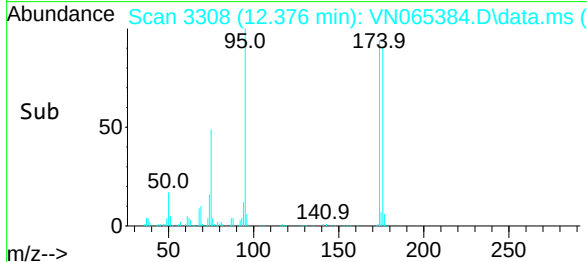
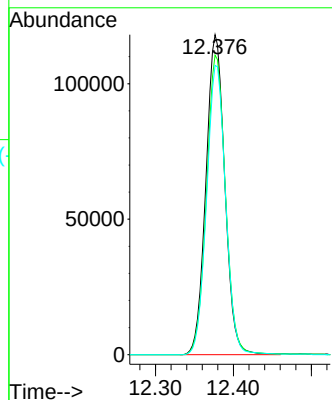
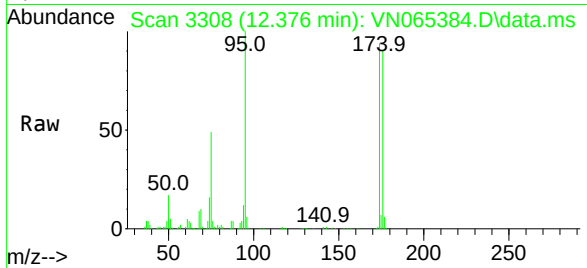




#62
4-Bromofluorobenzene
Concen: 55.17 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

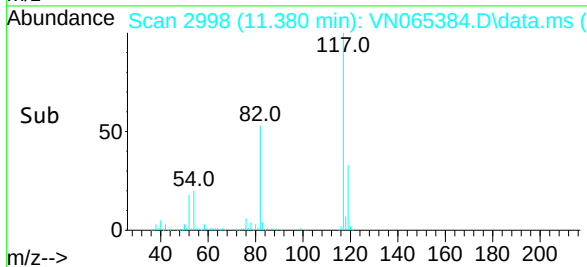
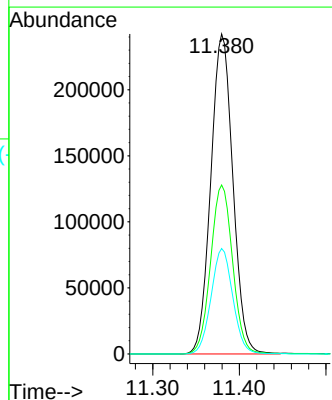
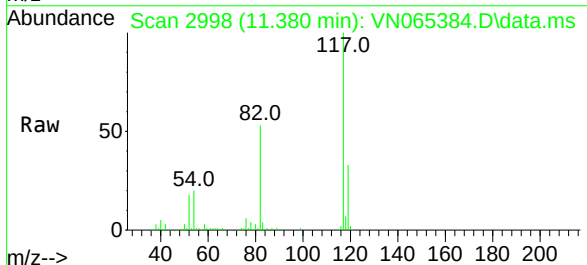
Instrument :
MSVOA_N
ClientSampled :

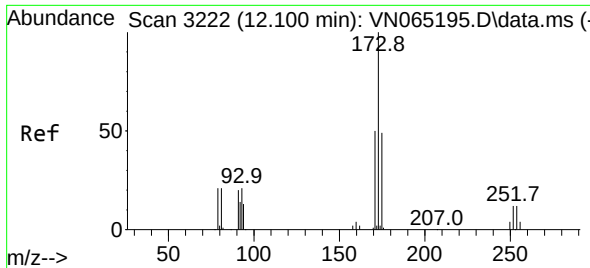
Tgt Ion: 95 Resp: 198421
Ion Ratio Lower Upper
95 100
174 94.3 0.0 160.4
176 91.1 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

Tgt Ion: 117 Resp: 429226
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.2
119 33.0 25.8 38.6

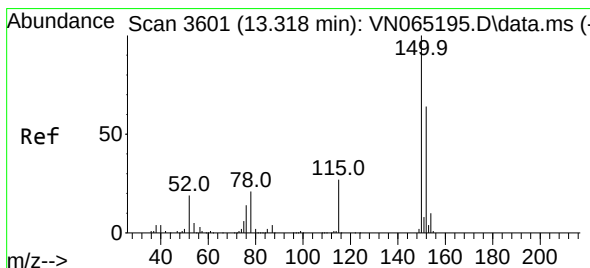
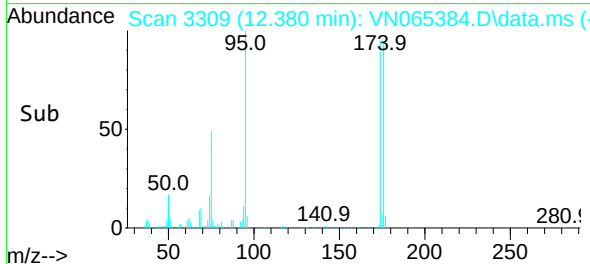
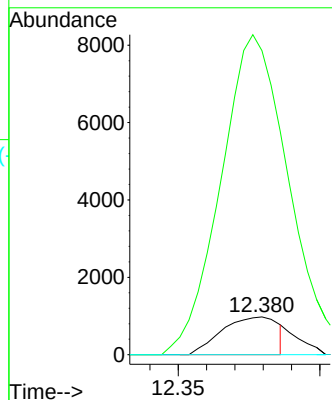
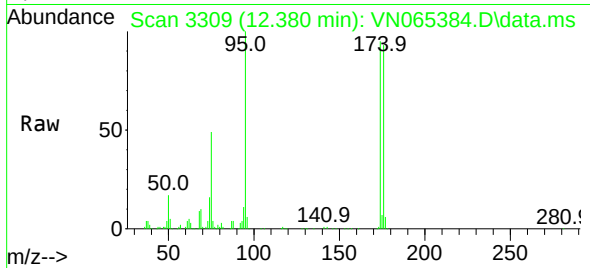




#71
Bromoform
Concen: 0.46 ug/l
RT: 12.380 min Scan# 3309
Delta R.T. 0.280 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

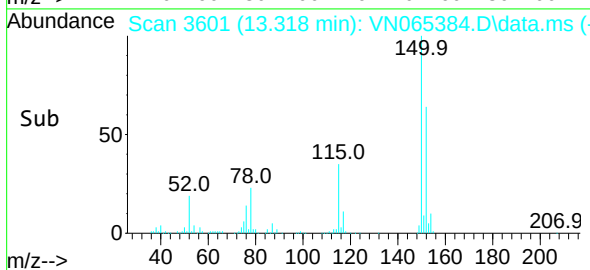
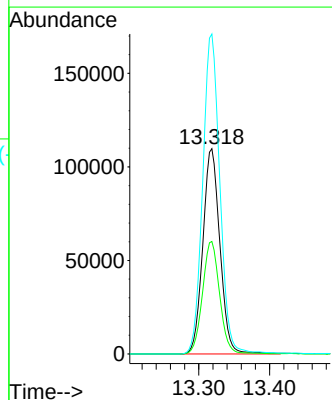
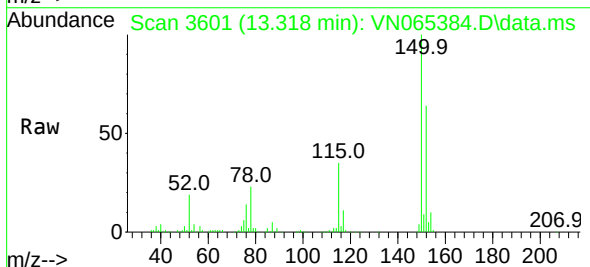
Instrument :
MSVOA_N
ClientSampleId :

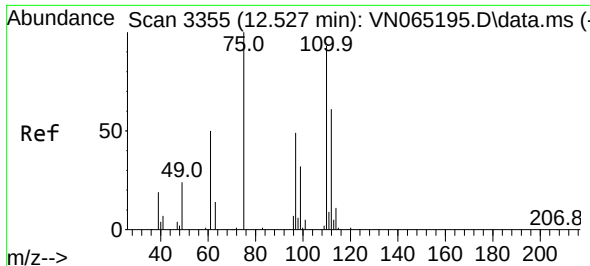
Tgt Ion:173 Resp: 1356
Ion Ratio Lower Upper
173 100
175 828.7 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

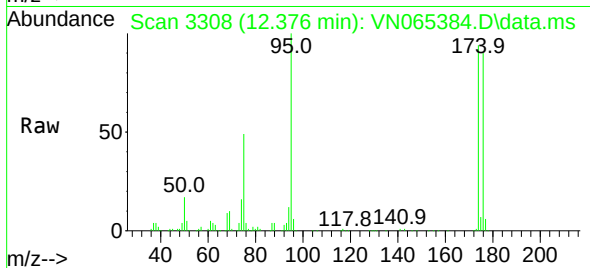
Tgt Ion:152 Resp: 183893
Ion Ratio Lower Upper
152 100
115 54.9 29.7 89.1
150 156.5 0.0 350.6



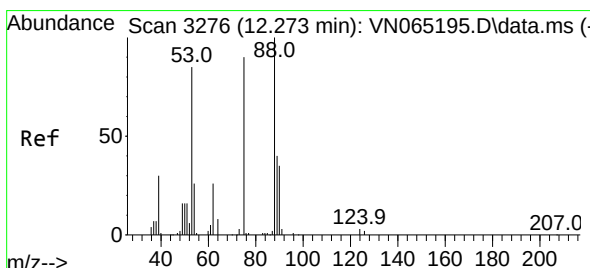
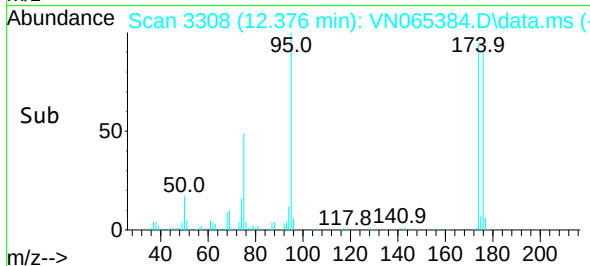
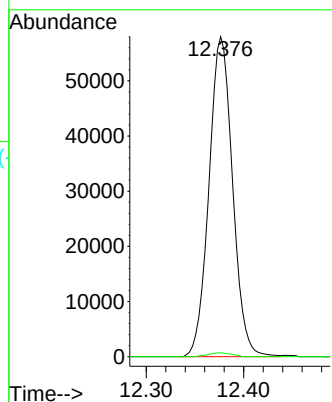


#76
1,2,3-Trichloropropane
Concen: 26.03 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

Instrument :
MSVOA_N
ClientSampled :

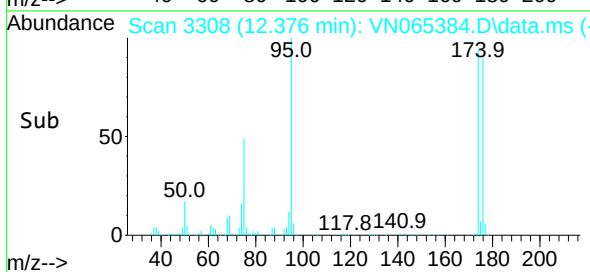
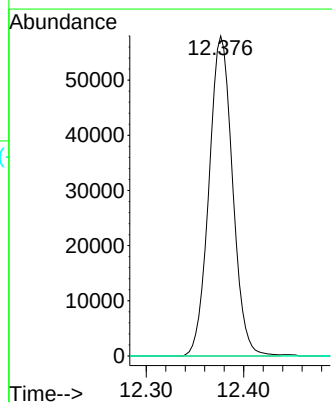
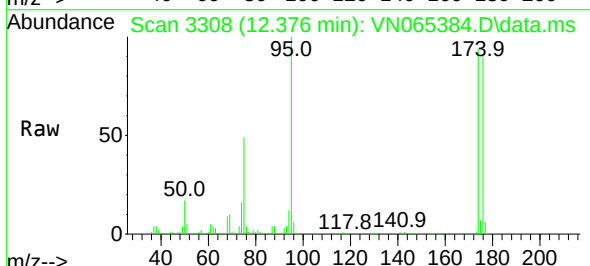


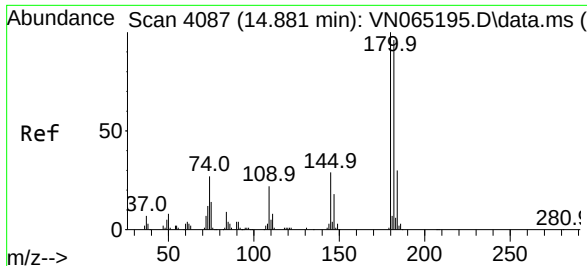
Tgt Ion: 75 Resp: 97641
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.63 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

Tgt Ion: 75 Resp: 97641
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

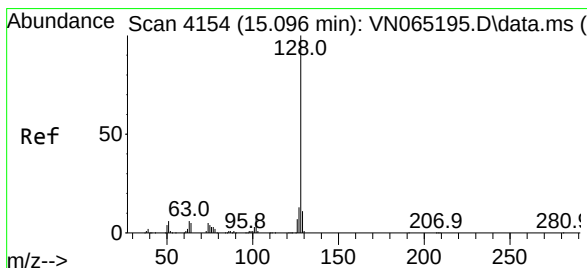
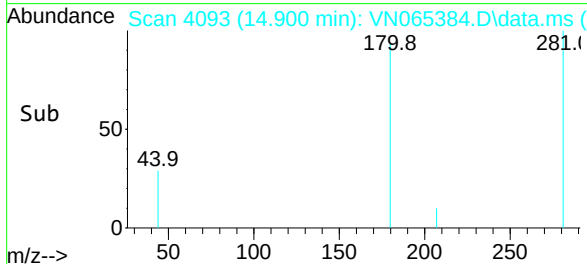
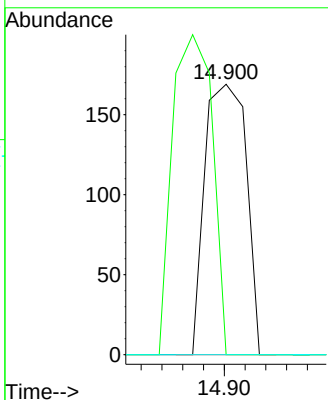
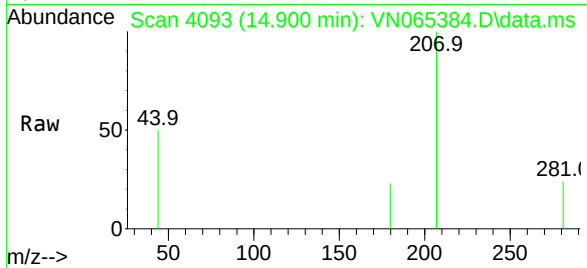




#93
1,2,4-Trichlorobenzene
Concen: 2.86 ug/l
RT: 14.900 min Scan# 4093
Delta R.T. 0.019 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

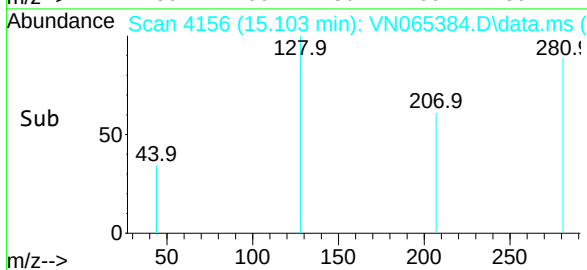
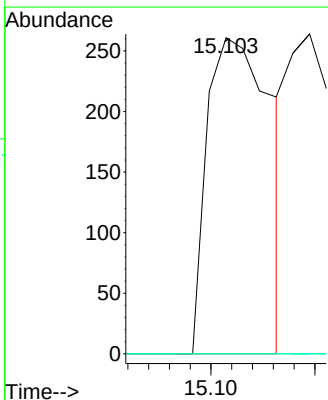
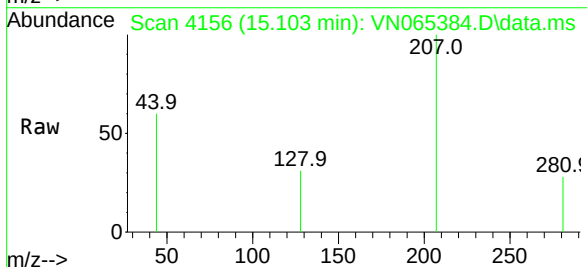
Instrument :
MSVOA_N
ClientSampled :

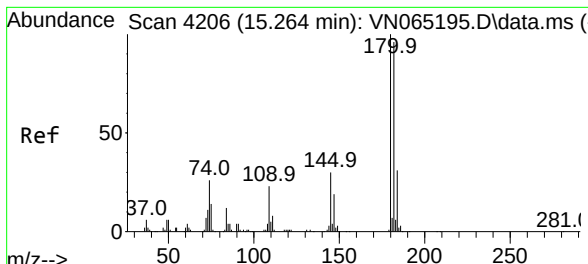
Tgt Ion:180 Resp: 93
Ion Ratio Lower Upper
180 100
182 114.0 47.6 142.9
145 0.0 15.3 45.8#



#95
Naphthalene
Concen: 3.39 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065384.D
Acq: 5 Jan 2021 13:33

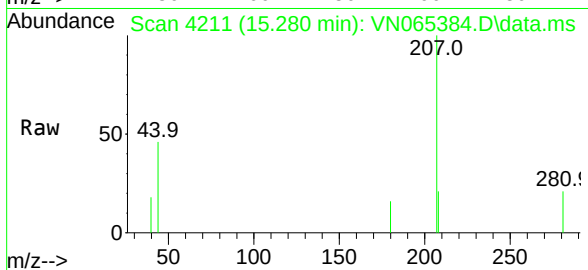
Tgt Ion:128 Resp: 224
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.23 ug/l
 RT: 15.280 min Scan# 4211
 Delta R.T. 0.016 min
 Lab File: VN065384.D
 Acq: 5 Jan 2021 13:33

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	29
Ion	Ratio	Lower	Upper
180	100		
182	206.9	48.1	144.4#
145	0.0	16.4	49.1#

