

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010521\
 Data File : VN065380.D
 Acq On : 5 Jan 2021 11:36
 Operator : JC/MD
 Sample : VN0105WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 06 01:14:31 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)

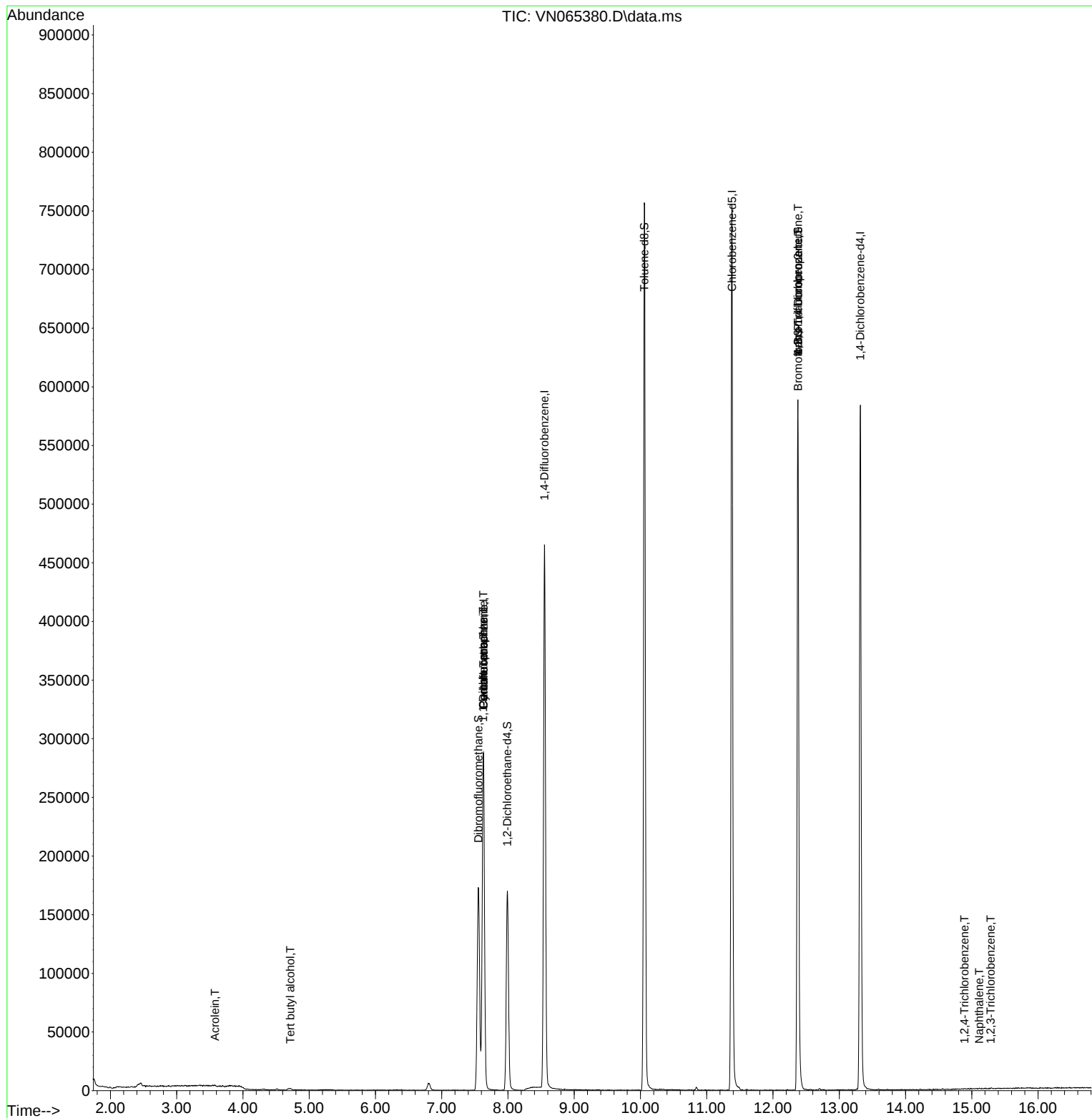
Internal Standards						
1) Pentafluorobenzene	7.631	168	266435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	441748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	471880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	183608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	150527	50.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.08%			
35) Dibromofluoromethane	7.553	113	135636	50.89	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.78%			
50) Toluene-d8	10.058	98	554218	55.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.96%			
62) 4-Bromofluorobenzene	12.376	95	209053	52.62	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.24%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.714	59	790	1.61	ug/l #	73
13) Acrolein	3.579	56	308	3.33	ug/l	96
16) Acetone	3.795	43	388	Below Cal	#	43
31) Cyclohexane	7.627	56	4285	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	17039	4.24	ug/l #	50
38) Carbon Tetrachloride	7.627	117	22311	5.29	ug/l #	17
71) Bromoform	12.380	173	1446	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	100540	26.84	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	100540	67.68	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.891	180	169	2.88	ug/l #	80
95) Naphthalene	15.113	128	773	3.45	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.286	180	369	3.32	ug/l #	53

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

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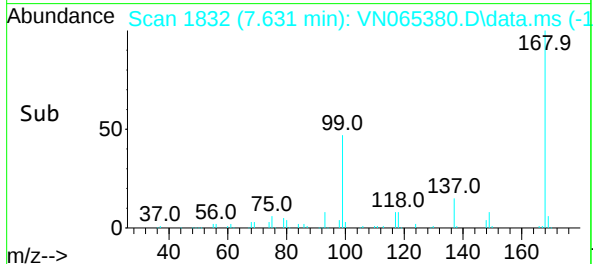
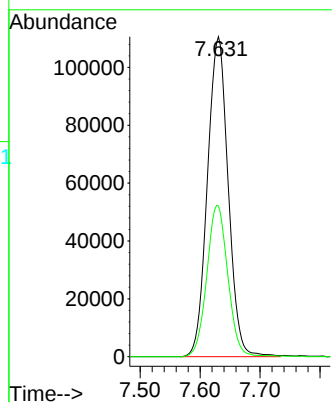
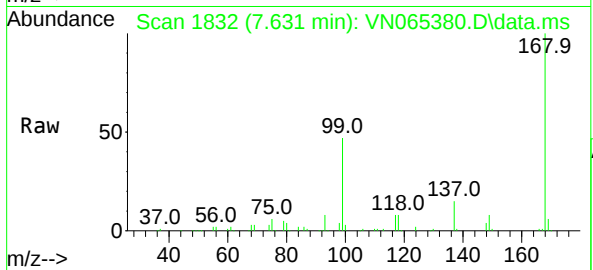




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

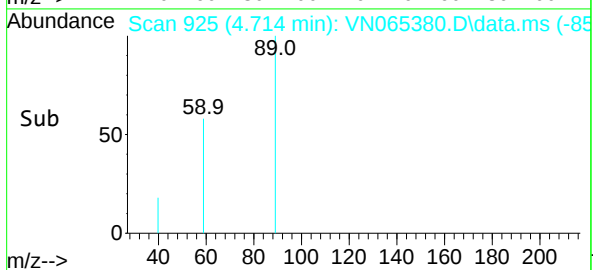
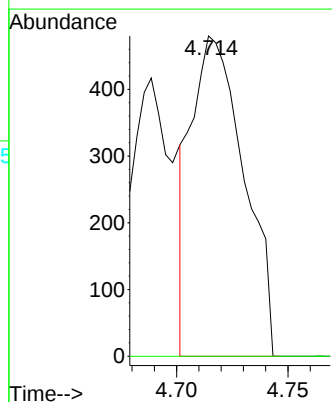
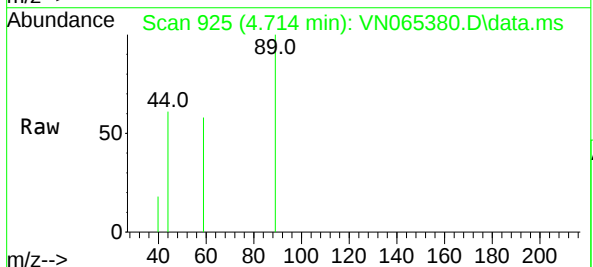
Instrument :
MSVOA_N
ClientSampled :

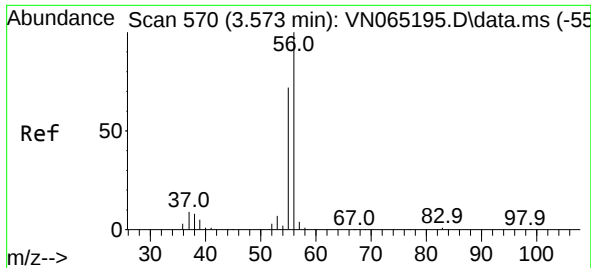
Tgt Ion:168 Resp: 266435
Ion Ratio Lower Upper
168 100
99 47.1 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.61 ug/l
RT: 4.714 min Scan# 925
Delta R.T. -0.058 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

Tgt Ion: 59 Resp: 790
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

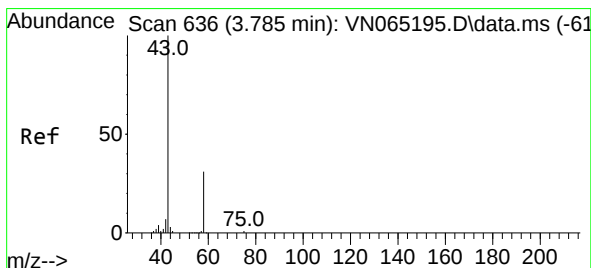
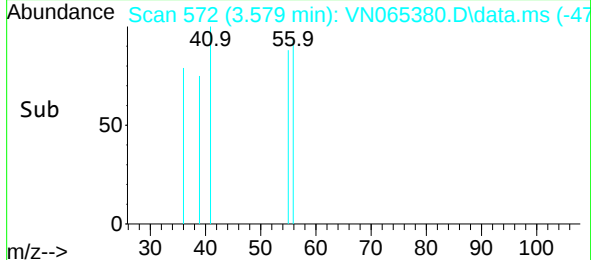
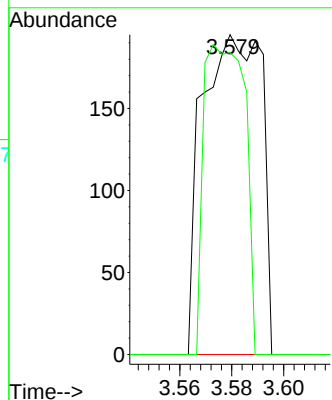
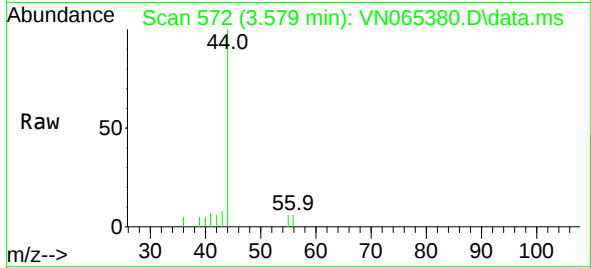




#13
Acrolein
Concen: 3.33 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

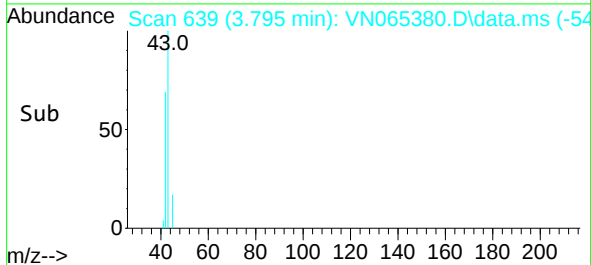
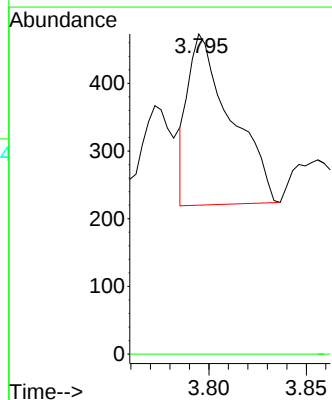
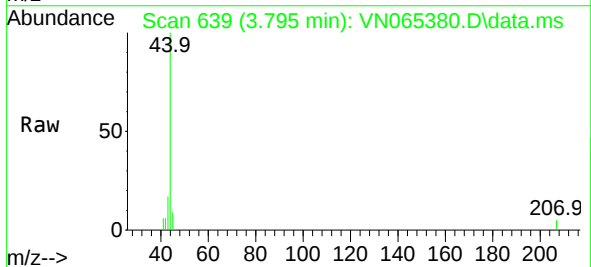
Instrument :
MSVOA_N
ClientSampled :

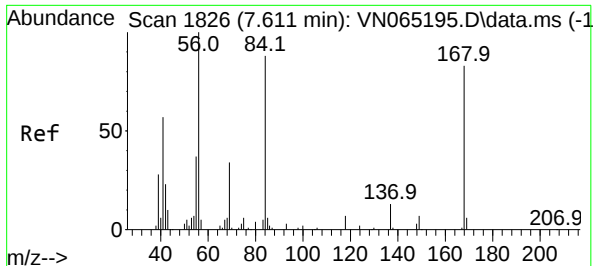
Tgt Ion: 56 Resp: 308
Ion Ratio Lower Upper
56 100
55 67.2 56.5 84.7



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

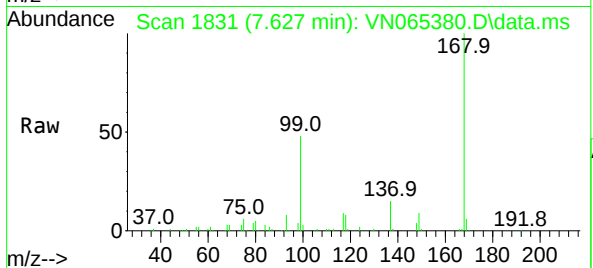
Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



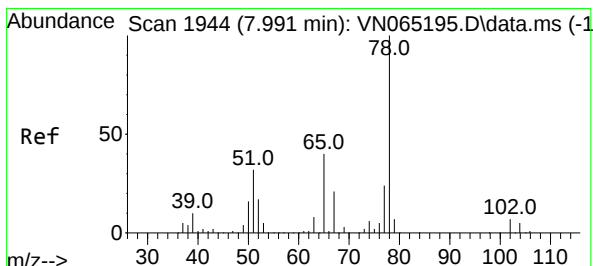
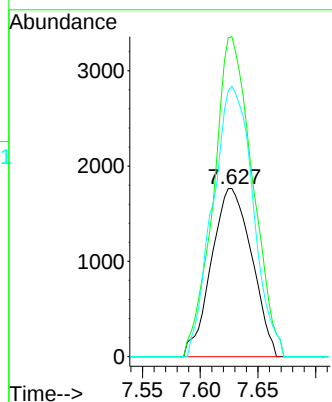
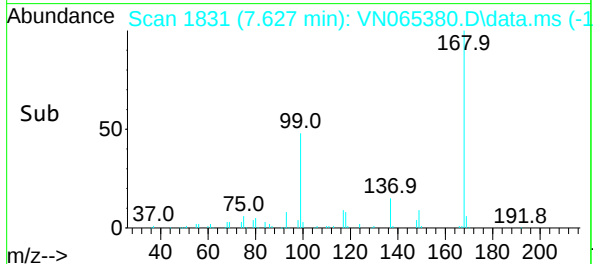


#31
Cyclohexane
Concen: 0.96 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

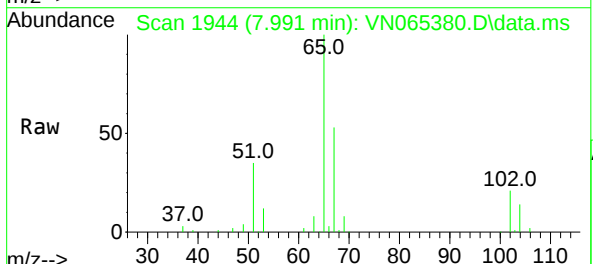
Instrument :
MSVOA_N
ClientSampled :



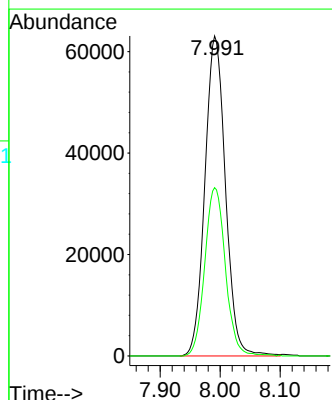
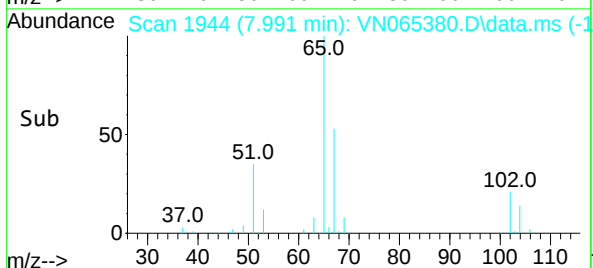
Tgt Ion: 56 Resp: 4285
Ion Ratio Lower Upper
56 100
69 190.4 27.5 41.3#
84 160.8 73.9 110.9#

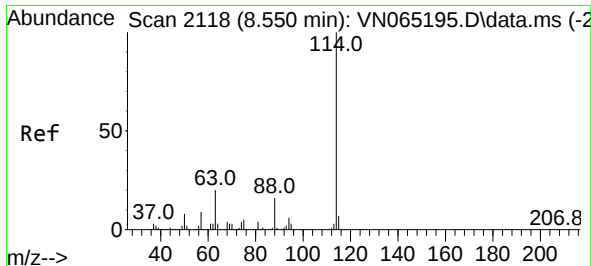


#33
1,2-Dichloroethane-d4
Concen: 50.04 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36



Tgt Ion: 65 Resp: 150527
Ion Ratio Lower Upper
65 100
67 52.9 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: VN065380.D

Acq: 5 Jan 2021 11:36

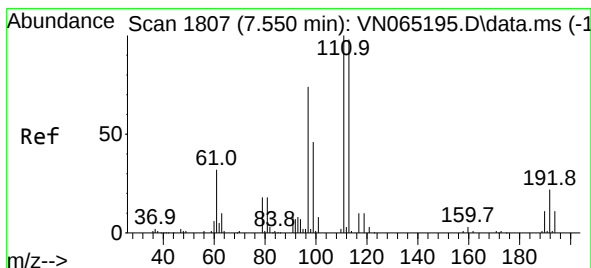
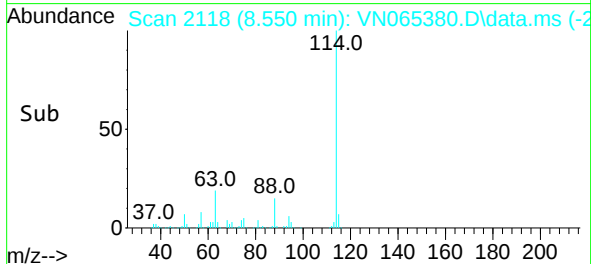
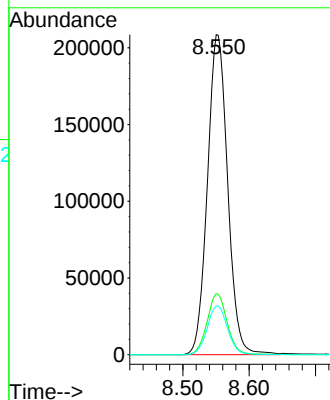
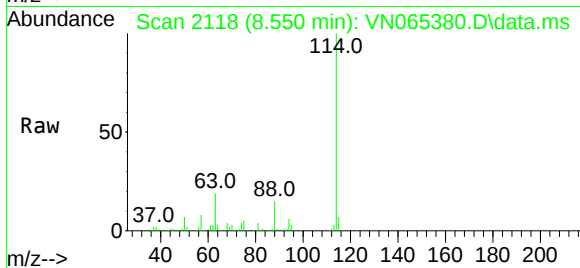
Tgt Ion:114 Resp: 441748

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.89 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065380.D

Acq: 5 Jan 2021 11:36

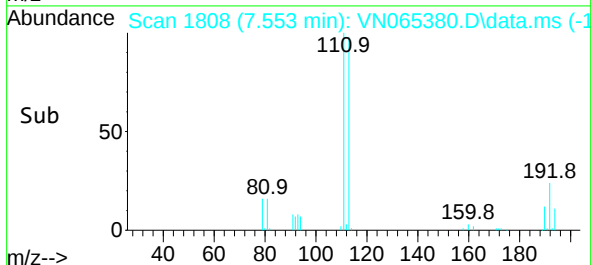
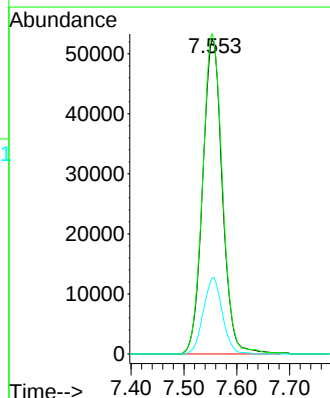
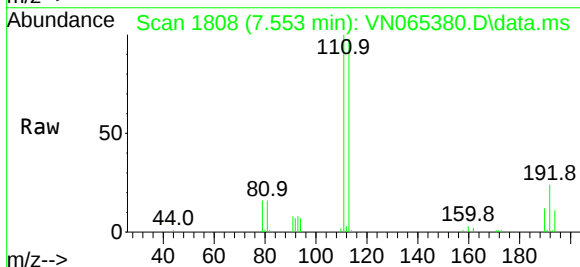
Tgt Ion:113 Resp: 135636

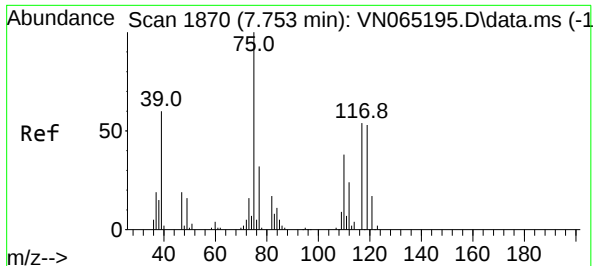
Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

192 23.4 16.2 24.2

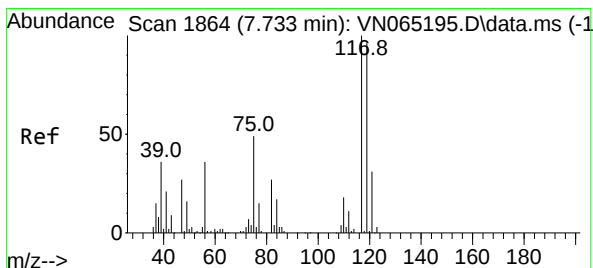
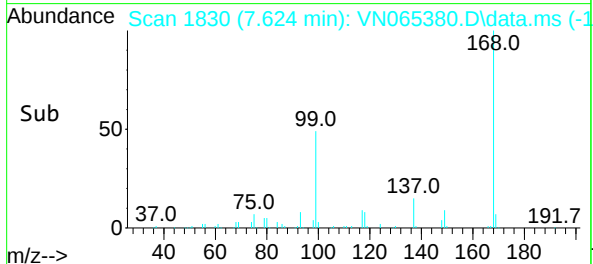
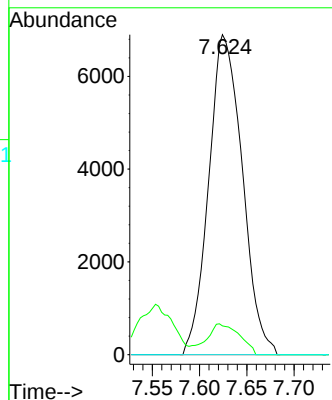
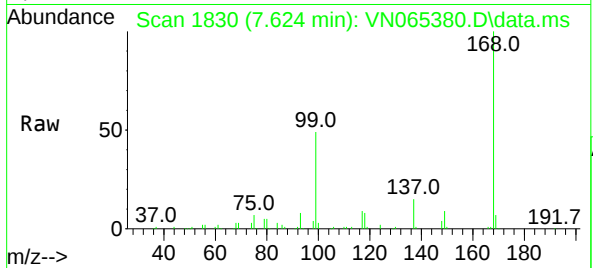




#36
1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

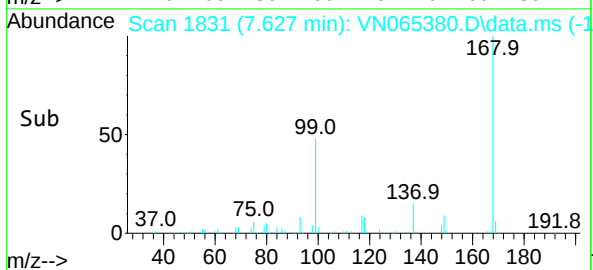
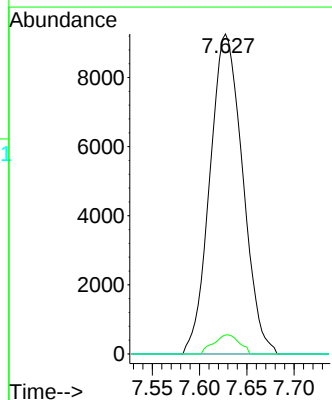
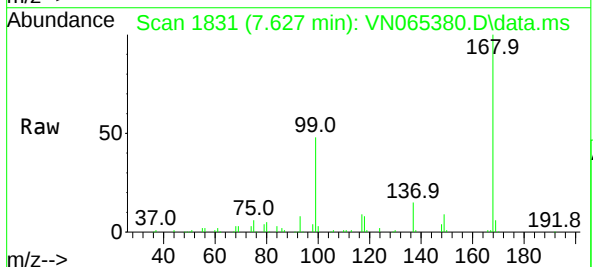
Instrument :
MSVOA_N
ClientSampled :

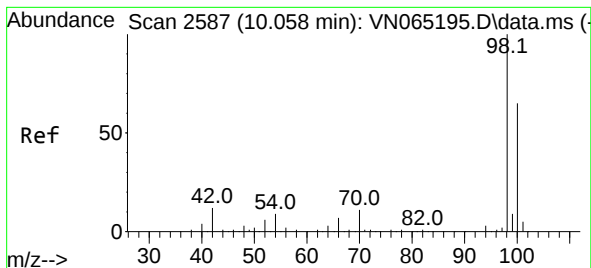
Tgt Ion: 75 Resp: 17039
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

Tgt Ion: 117 Resp: 22311
Ion Ratio Lower Upper
117 100
119 6.0 76.7 115.1#
121 0.0 25.4 38.2#

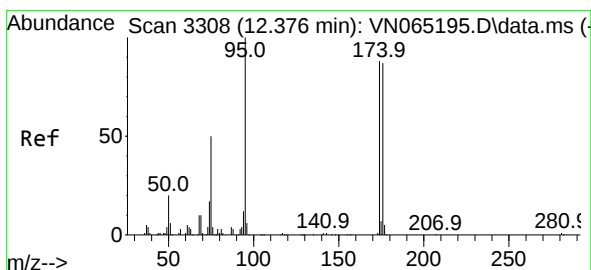
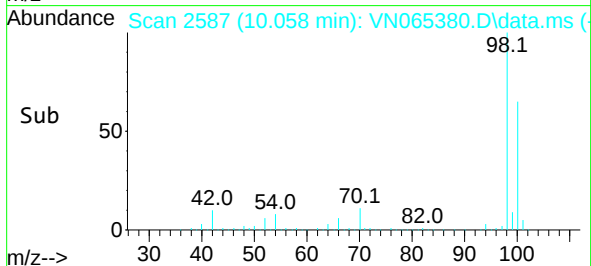
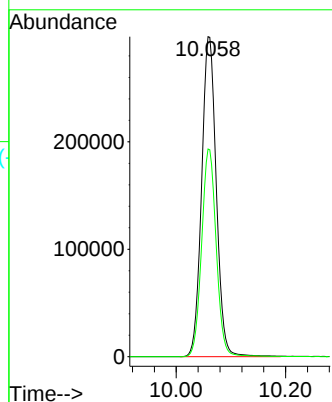
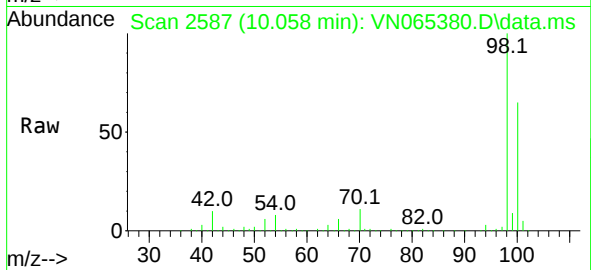




#50
Toluene-d8
Concen: 55.48 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

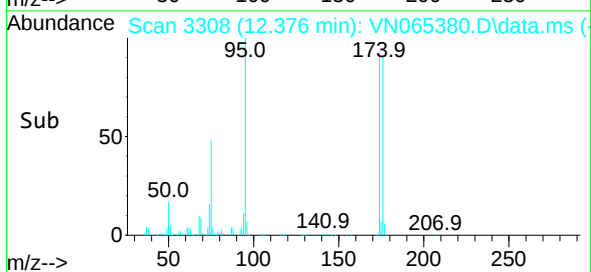
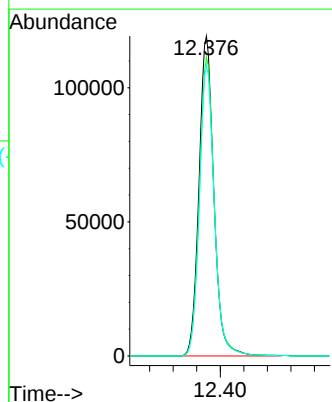
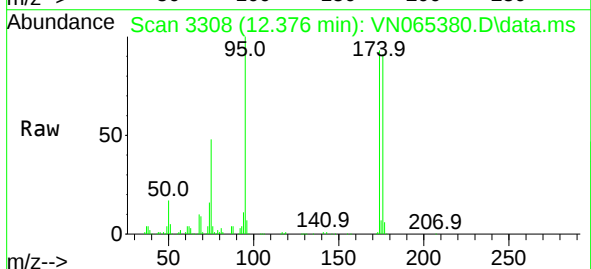
Instrument :
MSVOA_N
ClientSampled :

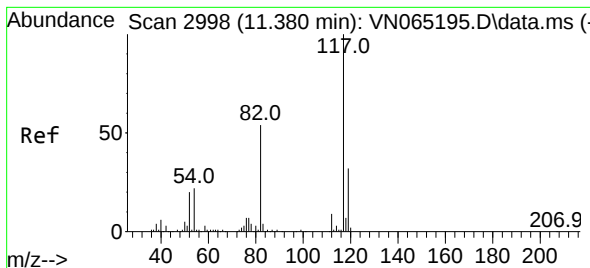
Tgt Ion: 98 Resp: 554218
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.62 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

Tgt Ion: 95 Resp: 209053
Ion Ratio Lower Upper
95 100
174 94.5 0.0 160.4
176 91.1 0.0 158.4

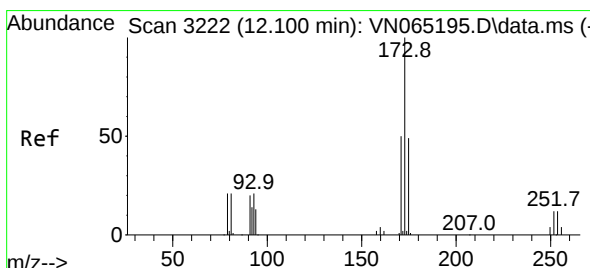
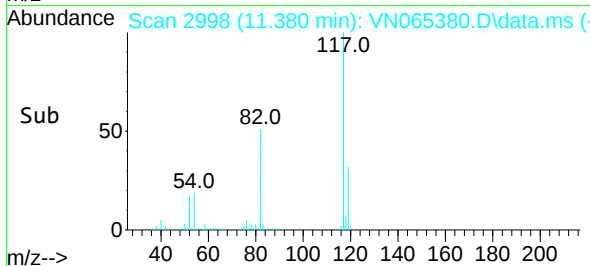
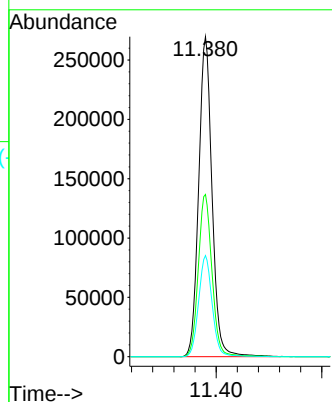
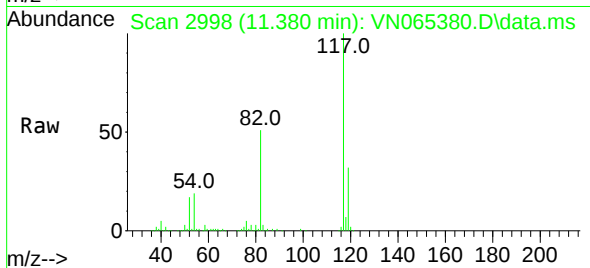




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

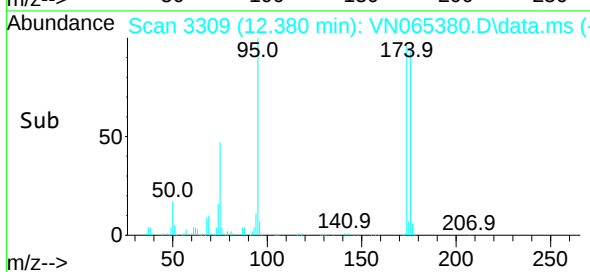
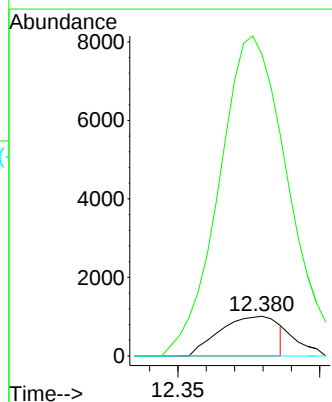
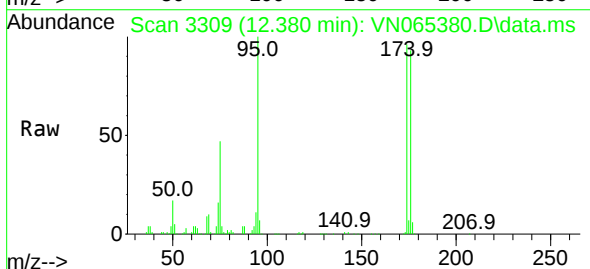
Instrument :
MSVOA_N
ClientSampleId :

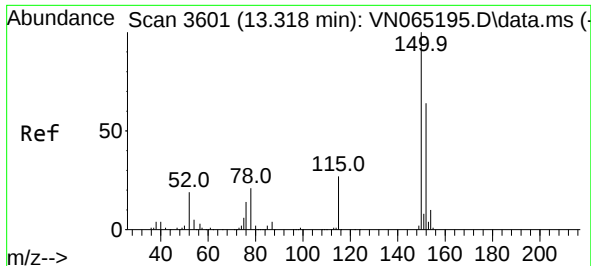
Tgt Ion:117 Resp: 471880
Ion Ratio Lower Upper
117 100
82 50.7 44.2 66.2
119 31.6 25.8 38.6



#71
Bromoform
Concen: 0.45 ug/l
RT: 12.380 min Scan# 3309
Delta R.T. 0.280 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

Tgt Ion:173 Resp: 1446
Ion Ratio Lower Upper
173 100
175 784.2 24.3 72.8#
254 0.0 0.0 0.0

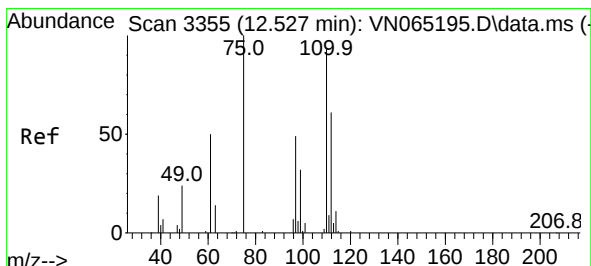
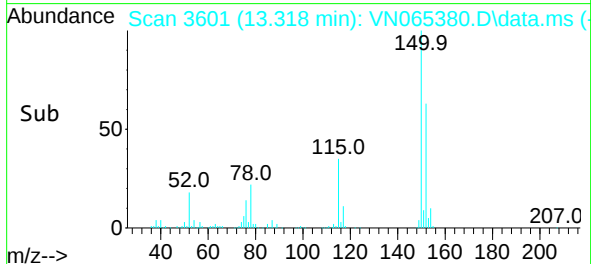
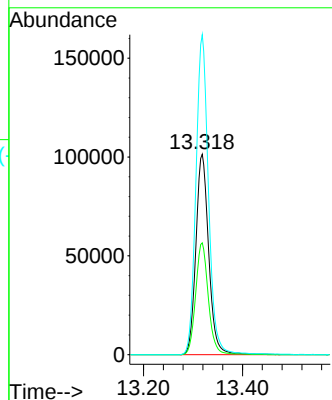
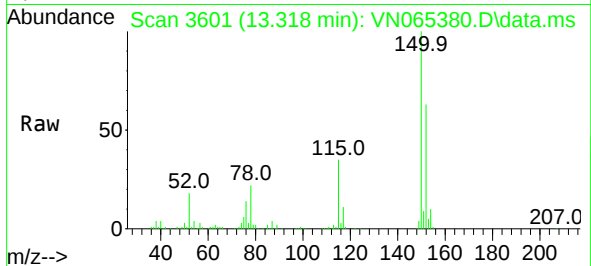




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065380.D
 Acq: 5 Jan 2021 11:36

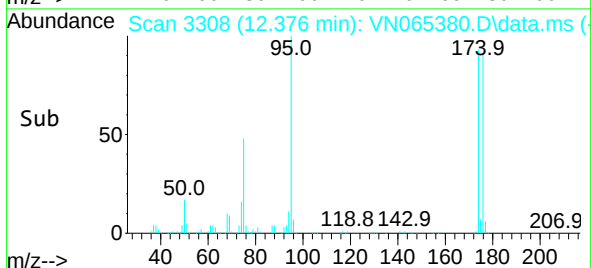
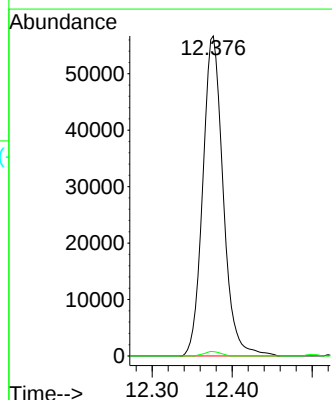
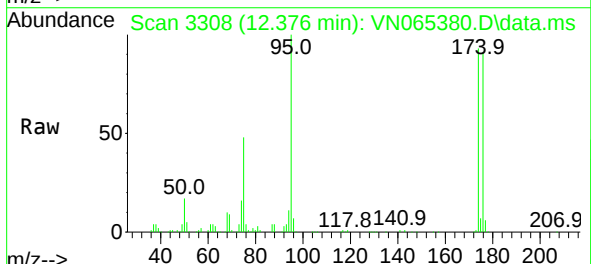
Instrument :
 MSVOA_N
 ClientSampled :

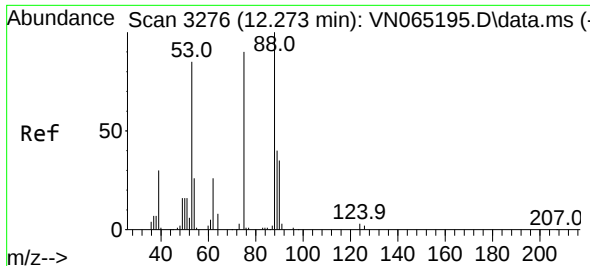
Tgt Ion:152 Resp: 183608
 Ion Ratio Lower Upper
 152 100
 115 54.8 29.7 89.1
 150 156.0 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 26.84 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.151 min
 Lab File: VN065380.D
 Acq: 5 Jan 2021 11:36

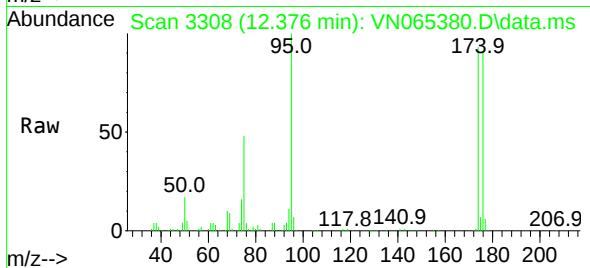
Tgt Ion: 75 Resp: 100540
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



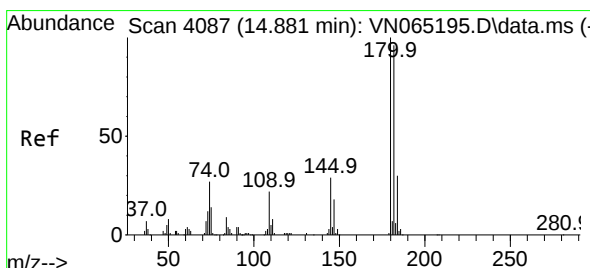
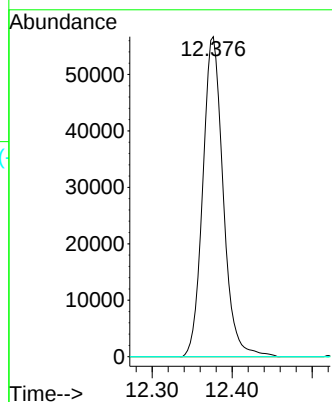
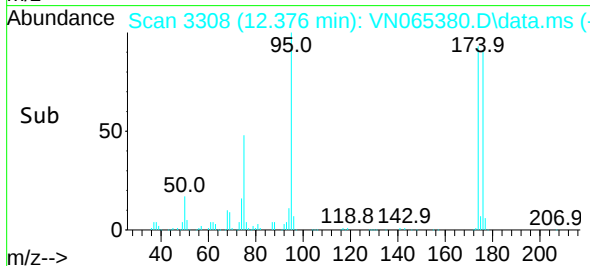


#81
trans-1,4-Dichloro-2-butene
Concen: 67.68 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

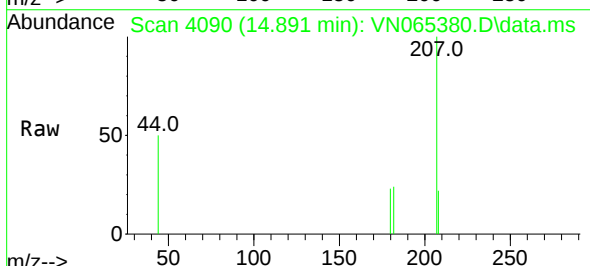
Instrument :
MSVOA_N
ClientSampleId :



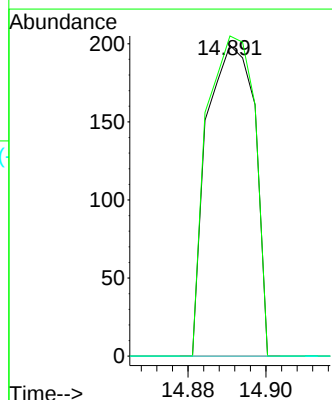
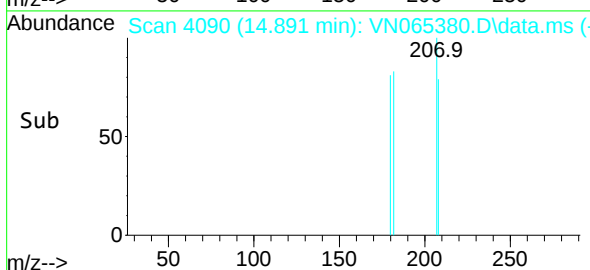
Tgt Ion: 75 Resp: 100540
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

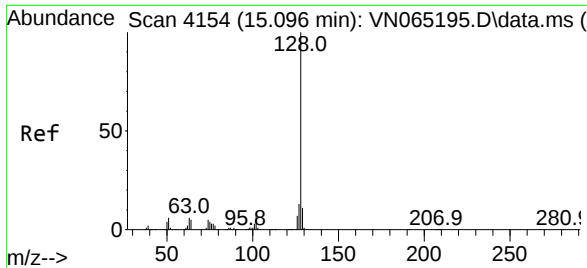


#93
1,2,4-Trichlorobenzene
Concen: 2.88 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.010 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36



Tgt Ion: 180 Resp: 169
Ion Ratio Lower Upper
180 100
182 103.0 47.6 142.9
145 0.0 15.3 45.8#

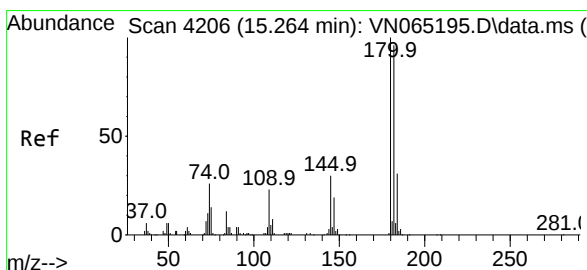
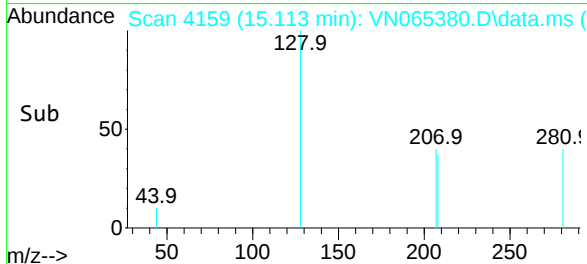
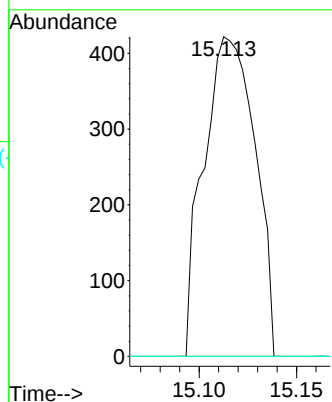
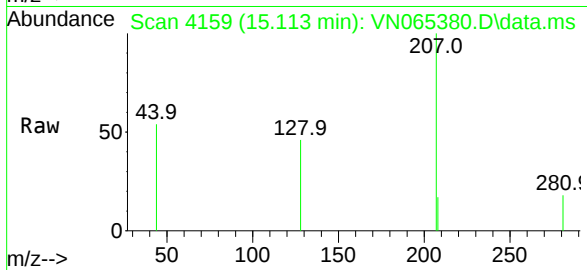




#95
Naphthalene
Concen: 3.45 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.017 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 773
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: 3.32 ug/l
RT: 15.286 min Scan# 4213
Delta R.T. 0.022 min
Lab File: VN065380.D
Acq: 5 Jan 2021 11:36

Tgt Ion:180 Resp: 369
Ion Ratio Lower Upper
180 100
182 53.7 48.1 144.4
145 0.0 16.4 49.1#

