

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065282.D
 Acq On : 28 Dec 2020 13:37
 Operator : JC/MD
 Sample : L5218-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 29 02:20:57 2020
 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)

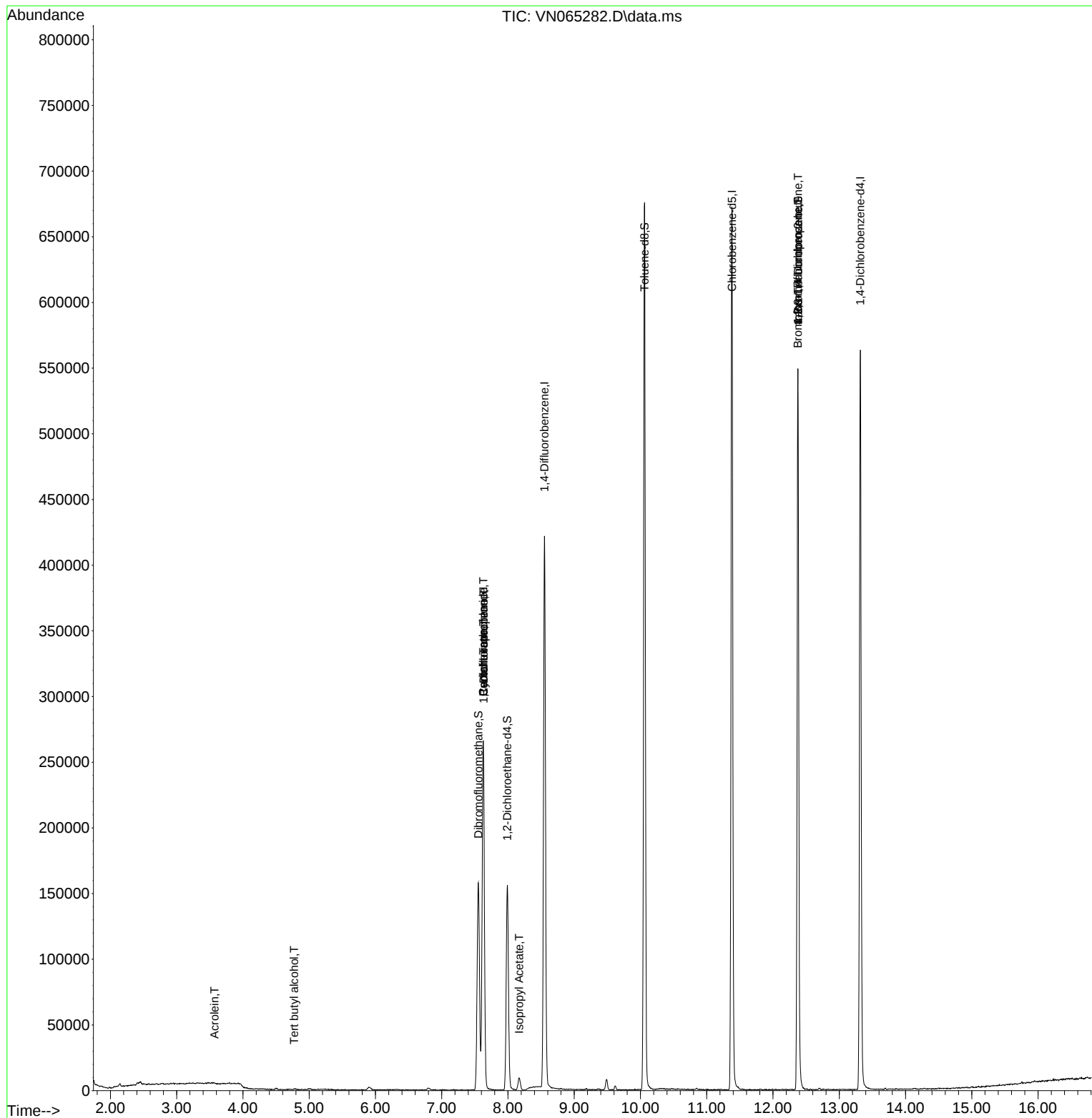
Internal Standards						
1) Pentafluorobenzene	7.627	168	238898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	398081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	411773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	168581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	138552	51.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.74%			
35) Dibromofluoromethane	7.553	113	122476	51.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.00%			
50) Toluene-d8	10.061	98	486039	54.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.00%			
62) 4-Bromofluorobenzene	12.376	95	192058	53.55	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.10%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.772	59	159	0.36	ug/l #	73
13) Acrolein	3.569	56	138	2.87	ug/l #	56
16) Acetone	3.785	43	56	Below Cal	#	43
31) Cyclohexane	7.627	56	4131	1.04	ug/l #	15
36) 1,1-Dichloropropene	7.630	75	14912	4.12	ug/l #	50
38) Carbon Tetrachloride	7.627	117	20617	5.42	ug/l #	16
43) Isopropyl Acetate	8.167	43	2374	0.38	ug/l #	59
71) Bromoform	12.373	173	1231	0.44	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	94987	27.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	94987	69.64	ug/l #	15

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

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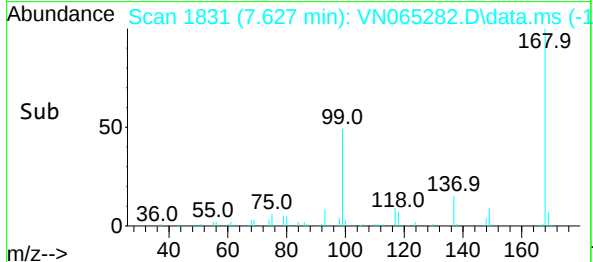
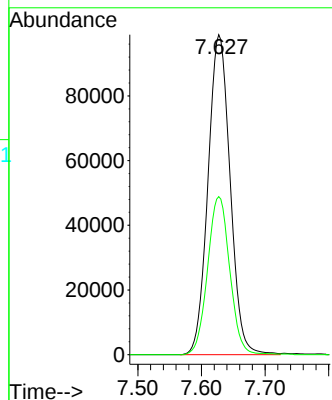
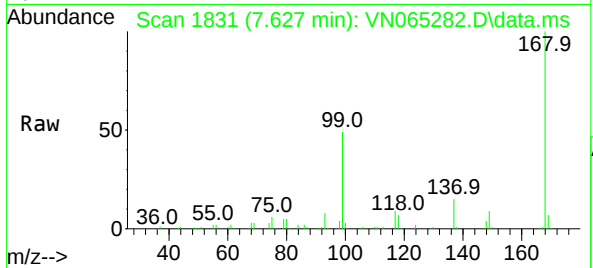




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

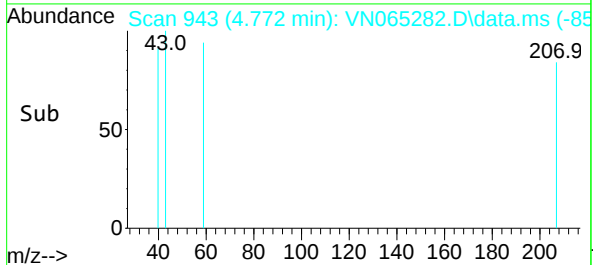
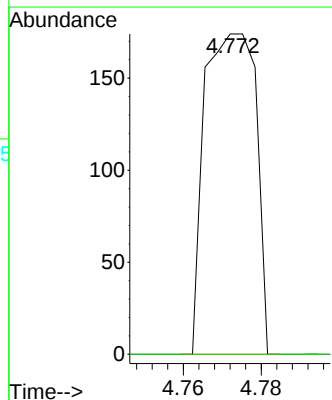
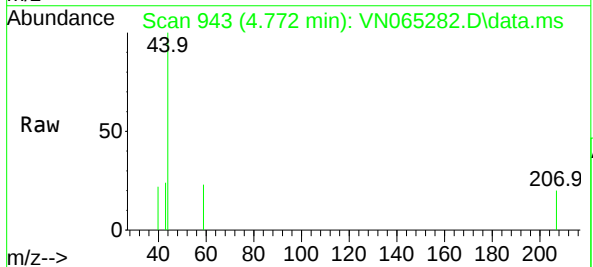
Instrument :
MSVOA_N
ClientSampled :

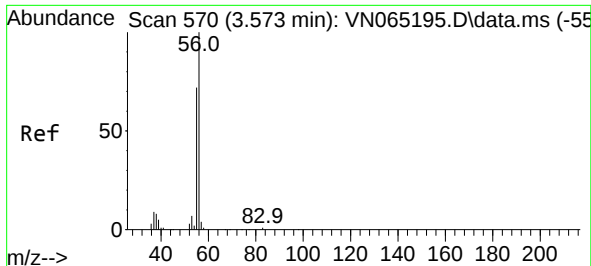
Tgt Ion:168 Resp: 238898
Ion Ratio Lower Upper
168 100
99 49.4 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.36 ug/l
RT: 4.772 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

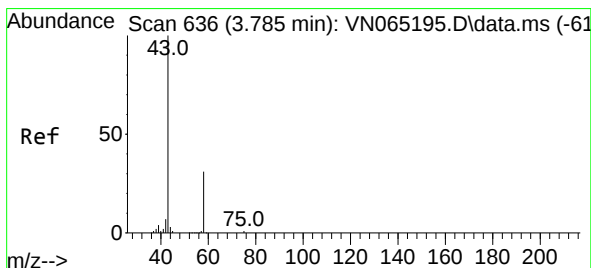
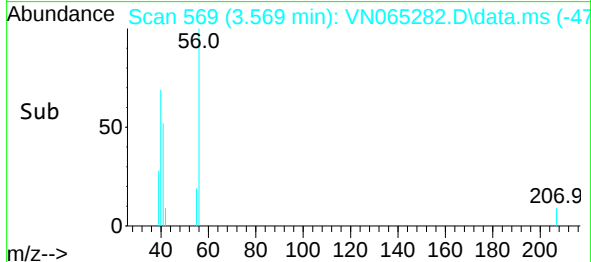
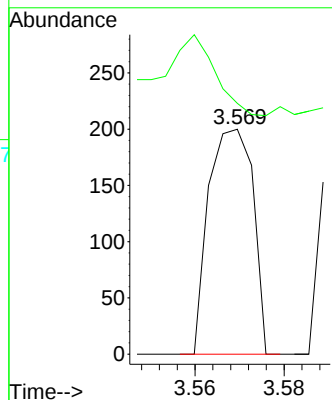
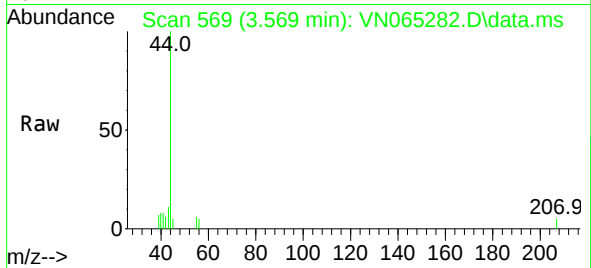




#13
Acrolein
Concen: 2.87 ug/l
RT: 3.569 min Scan# 569
Delta R.T. -0.004 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

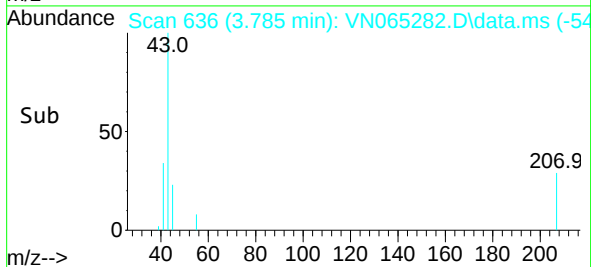
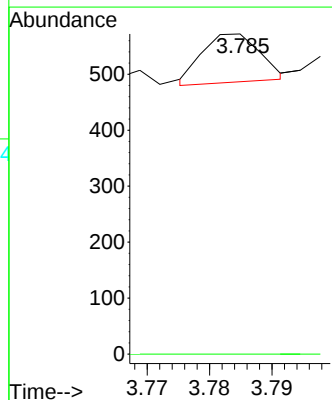
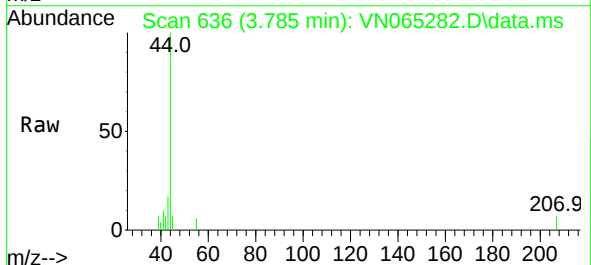
Instrument :
MSVOA_N
ClientSampled :

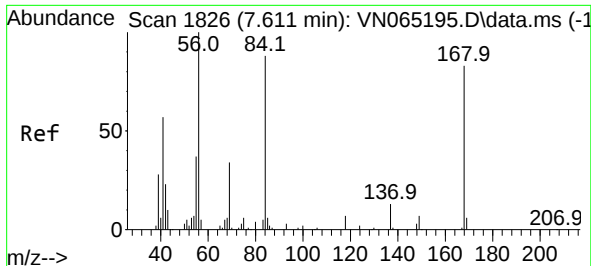
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 106.5 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

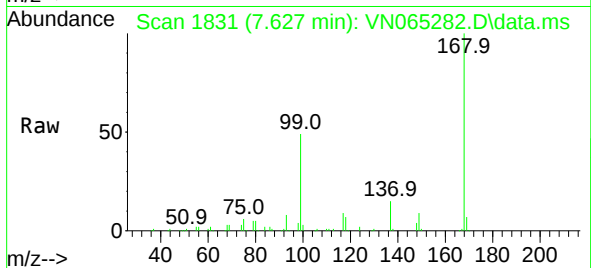
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



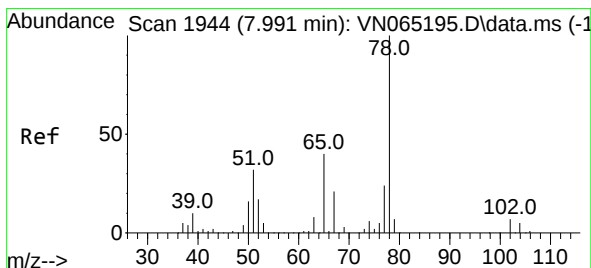
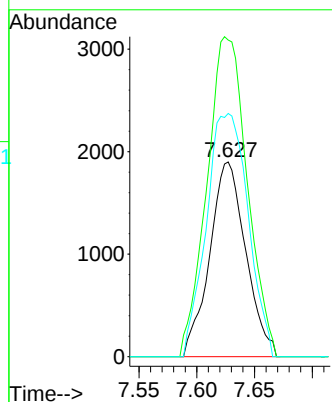
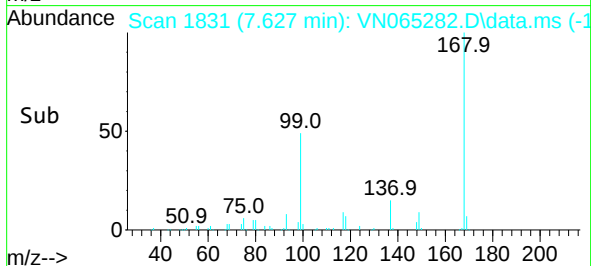


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

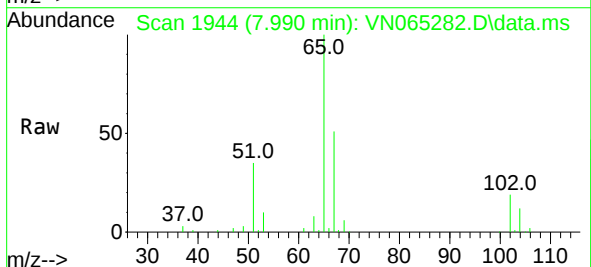
Instrument :
MSVOA_N
ClientSampled :



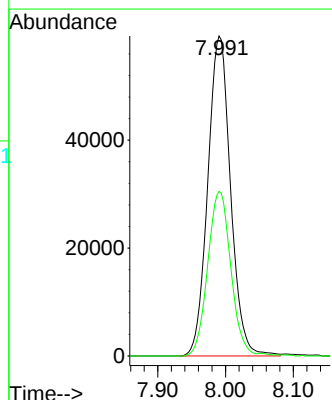
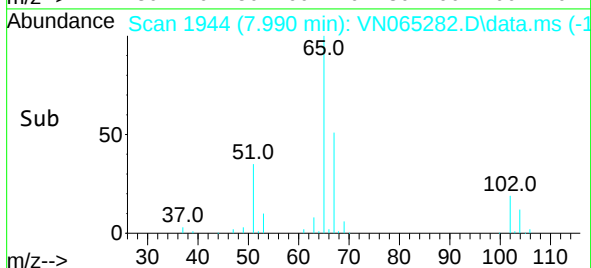
Tgt Ion: 56 Resp: 4131
Ion Ratio Lower Upper
56 100
69 162.6 27.5 41.3#
84 124.9 73.9 110.9#

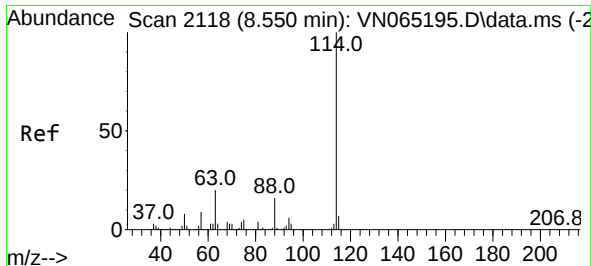


#33
1,2-Dichloroethane-d4
Concen: 51.37 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37



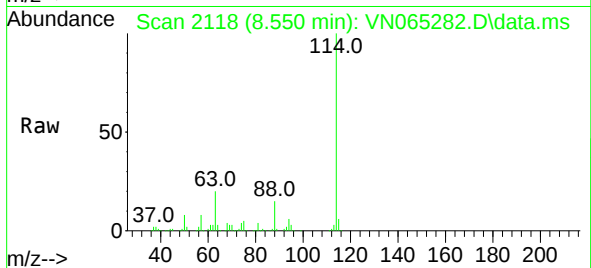
Tgt Ion: 65 Resp: 138552
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.2



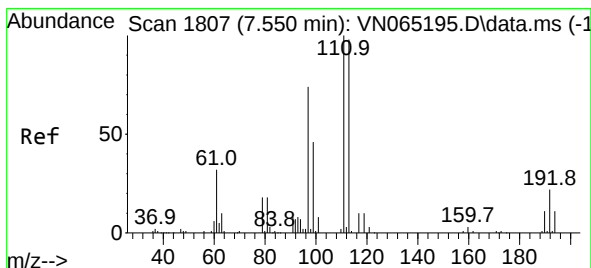
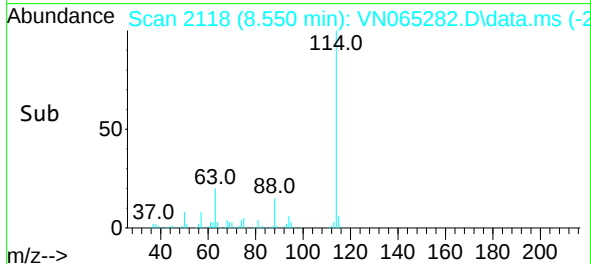
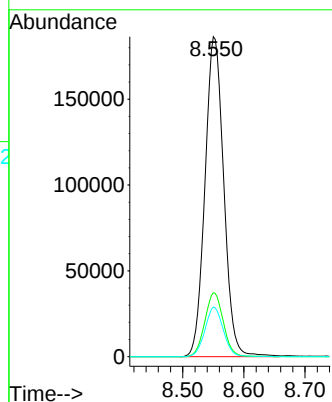


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :

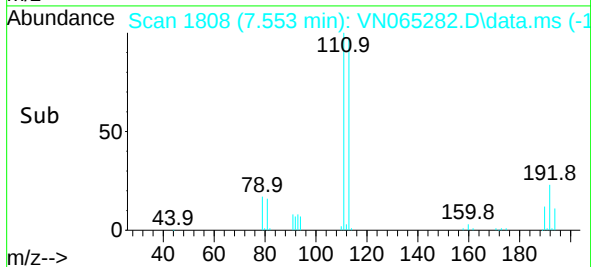
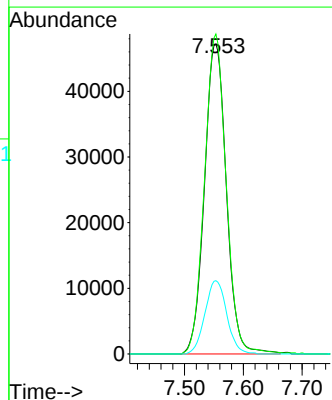
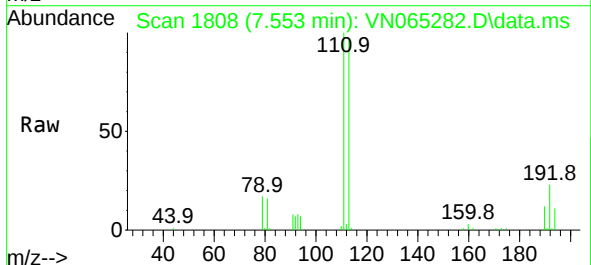


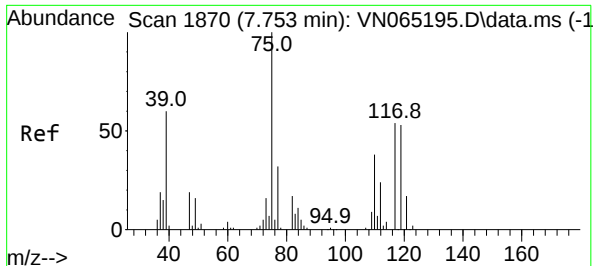
Tgt Ion:114 Resp: 398081
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.00 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

Tgt Ion:113 Resp: 122476
Ion Ratio Lower Upper
113 100
111 101.8 81.6 122.4
192 23.5 16.2 24.2

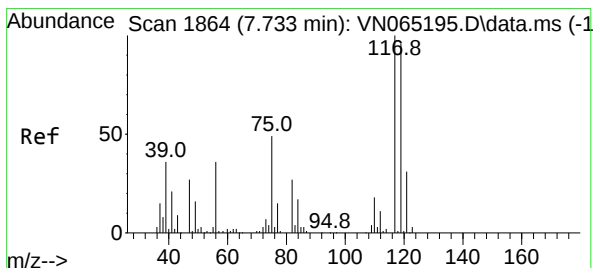
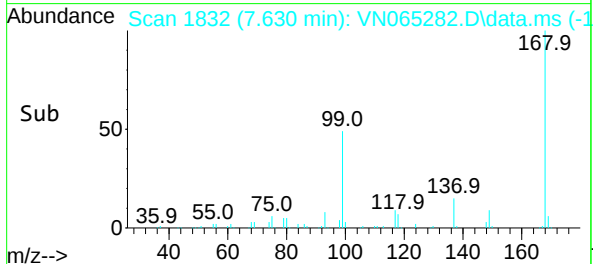
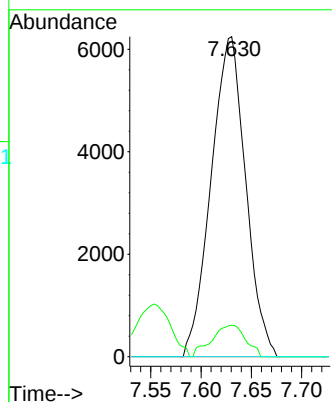
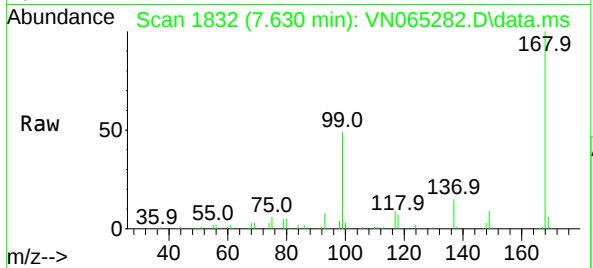




#36
1,1-Dichloropropene
Concen: 4.12 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

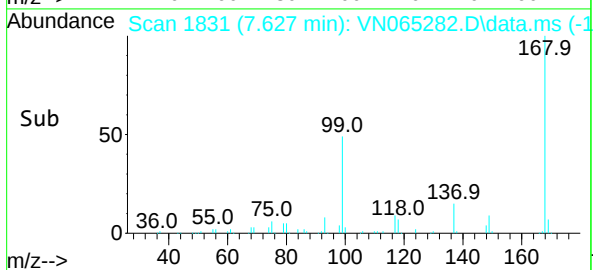
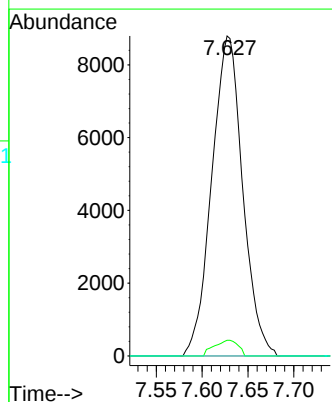
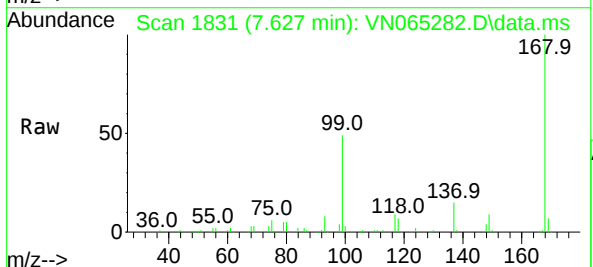
Instrument :
MSVOA_N
ClientSampleId :

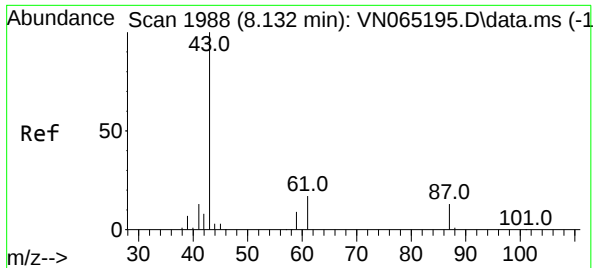
Tgt Ion: 75 Resp: 14912
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

Tgt Ion: 117 Resp: 20617
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 25.4 38.2#

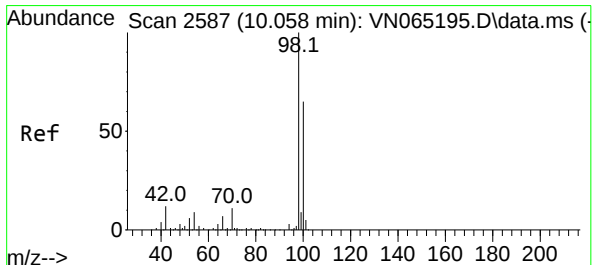
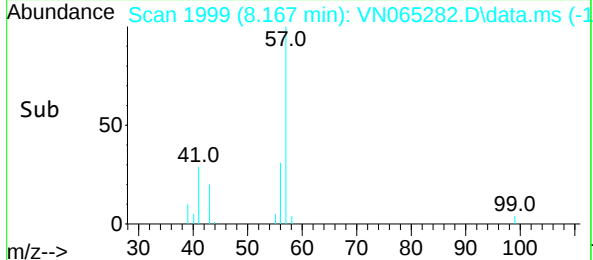
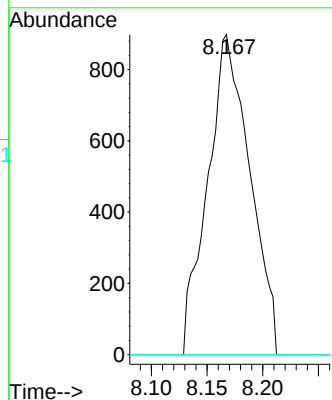
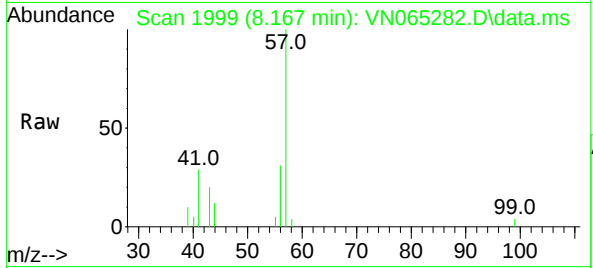




#43
Isopropyl Acetate
Concen: 0.38 ug/l
RT: 8.167 min Scan# 1999
Delta R.T. 0.035 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

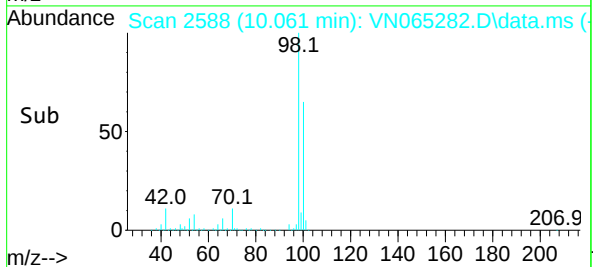
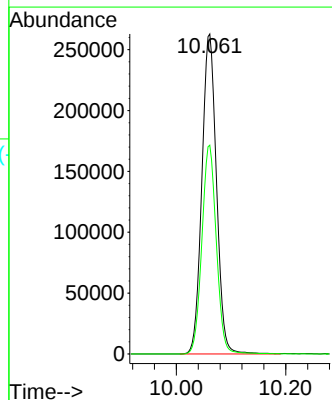
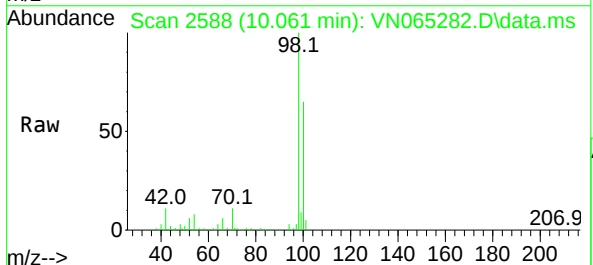
Instrument :
MSVOA_N
ClientSampled :

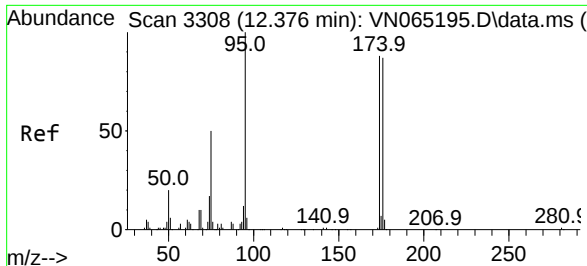
Tgt Ion:	43	Resp:	2374
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.2	25.8#
87	0.0	11.4	17.0#



#50
Toluene-d8
Concen: 54.00 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

Tgt Ion:	98	Resp:	486039
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5

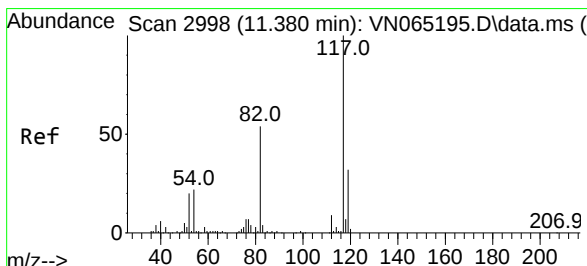
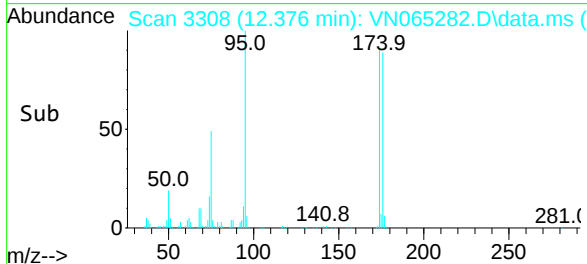
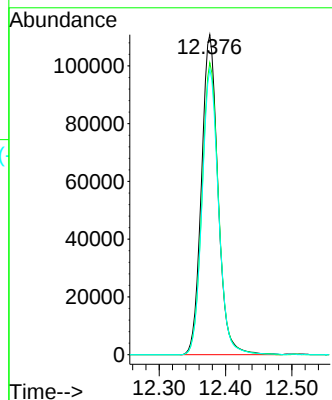
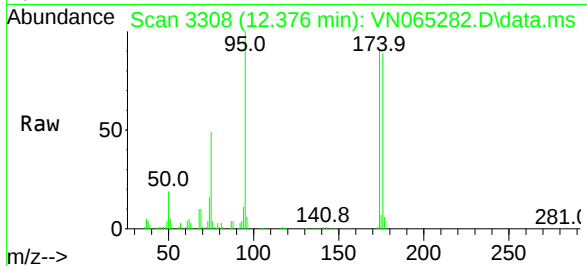




#62
4-Bromofluorobenzene
Concen: 53.55 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

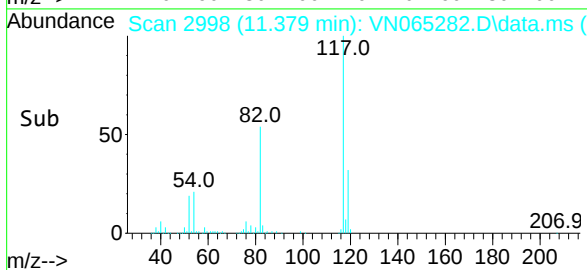
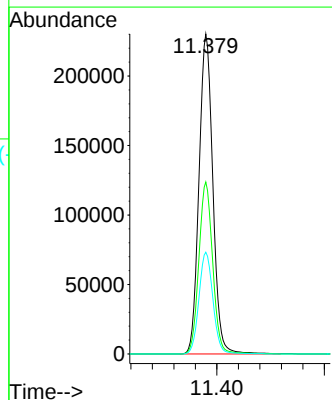
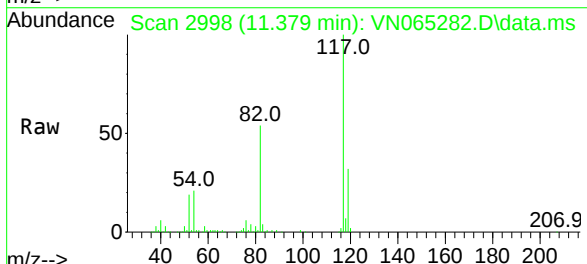
Instrument :
MSVOA_N
ClientSampled :

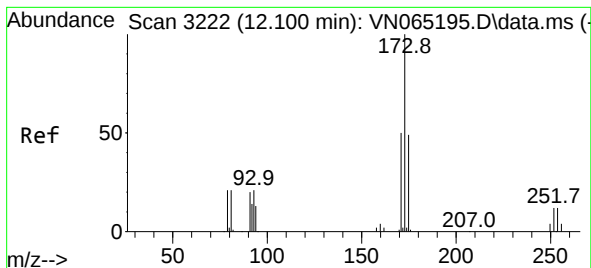
Tgt Ion: 95 Resp: 192058
Ion Ratio Lower Upper
95 100
174 91.4 0.0 160.4
176 88.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

Tgt Ion: 117 Resp: 411773
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 31.8 25.8 38.6

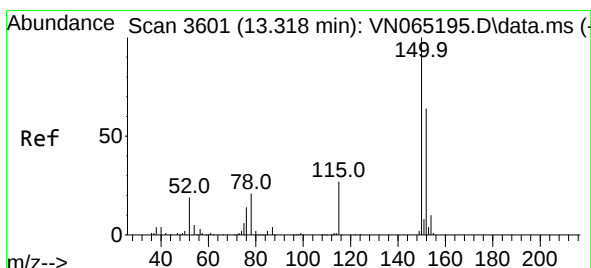
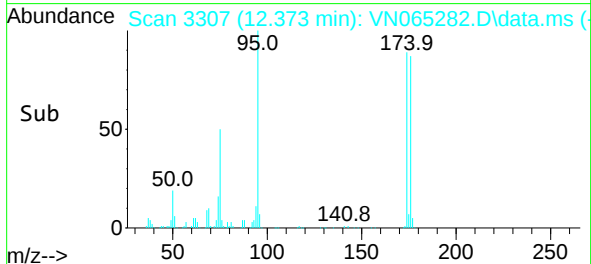
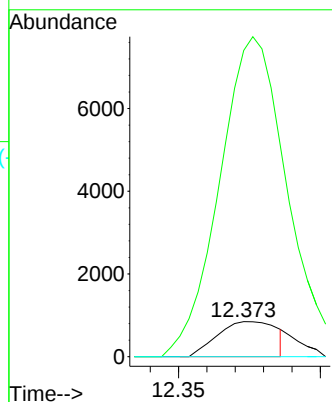
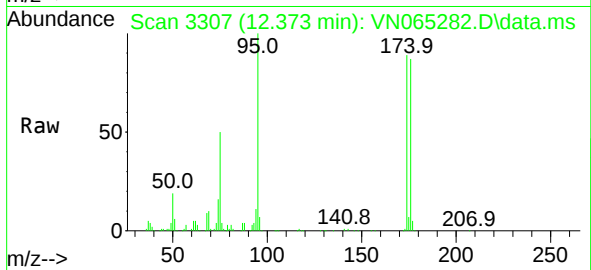




#71
Bromoform
Concen: 0.44 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

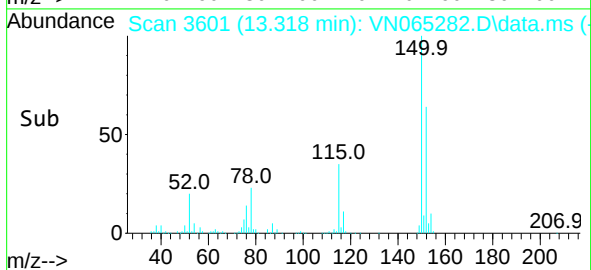
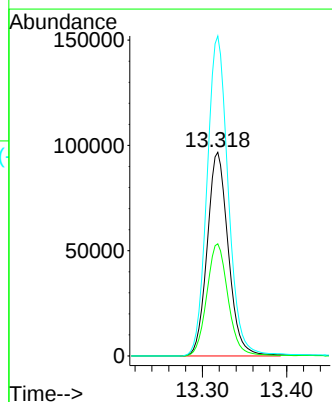
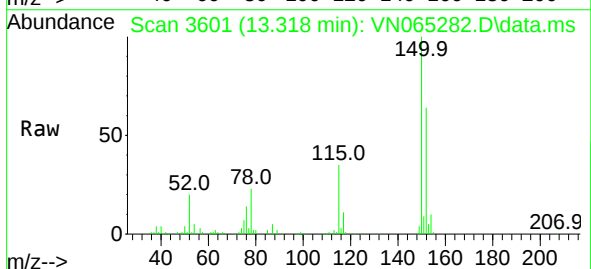
Instrument :
MSVOA_N
ClientSampleId :

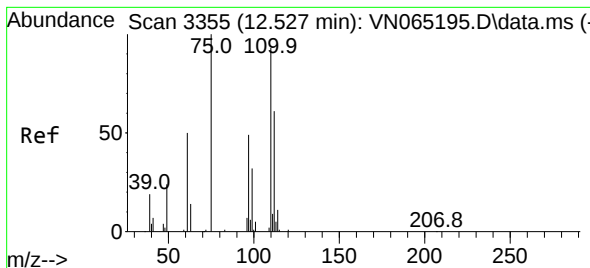
Tgt Ion:173 Resp: 1231
Ion Ratio Lower Upper
173 100
175 867.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

Tgt Ion:152 Resp: 168581
Ion Ratio Lower Upper
152 100
115 55.6 29.7 89.1
150 158.8 0.0 350.6

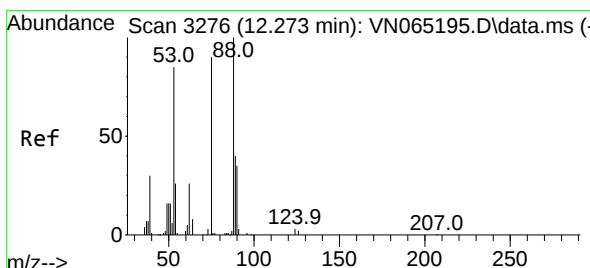
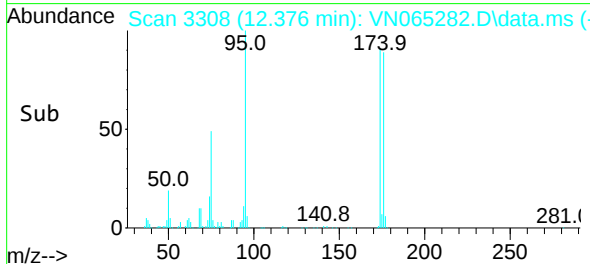
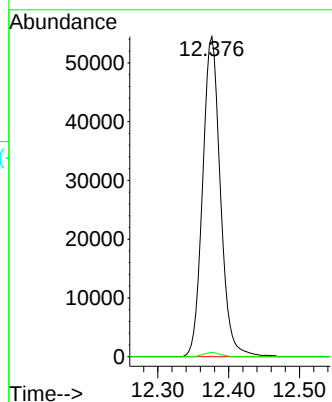
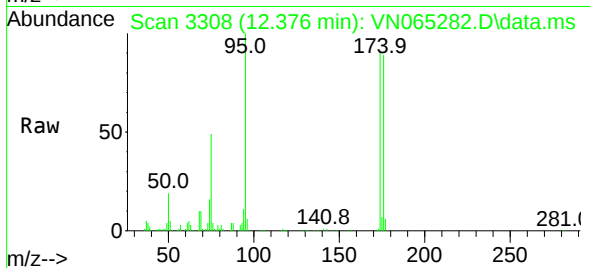




#76
1,2,3-Trichloropropane
Concen: 27.62 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 94987
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.64 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065282.D
Acq: 28 Dec 2020 13:37

Tgt Ion: 75 Resp: 94987
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

