

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065203.D
 Acq On : 22 Dec 2020 18:07
 Operator : JC/MD
 Sample : VN1222WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBL01

Quant Time: Dec 23 03:40:05 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)

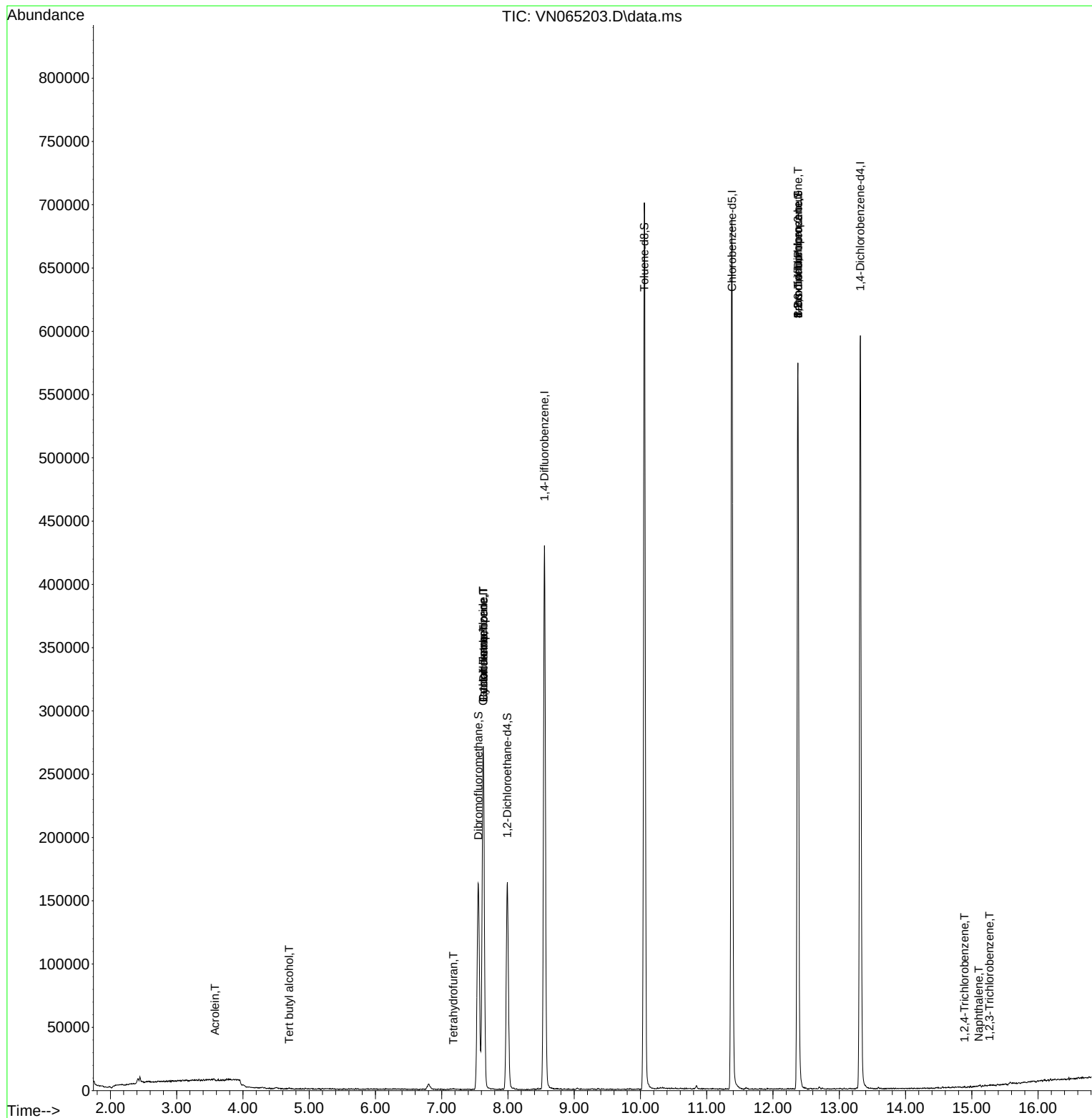
Internal Standards						
1) Pentafluorobenzene	7.627	168	241478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	397504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	412578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	175032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	143057	52.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.96%			
35) Dibromofluoromethane	7.553	113	124457	51.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.80%			
50) Toluene-d8	10.058	98	491073	54.63	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.26%			
62) 4-Bromofluorobenzene	12.376	95	197395	54.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.94%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.698	59	127	0.28	ug/l #	73
13) Acrolein	3.579	56	139	2.87	ug/l #	61
16) Acetone	3.775	43	99	Below Cal	#	43
29) Tetrahydrofuran	7.177	42	218	0.22	ug/l #	32
31) Cyclohexane	7.627	56	4842	1.20	ug/l #	12
36) 1,1-Dichloropropene	7.627	75	16379	4.53	ug/l #	49
38) Carbon Tetrachloride	7.624	117	20721	5.46	ug/l #	16
71) Bromoform	12.376	173	1094	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	100309	28.09	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	100309	70.83	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.887	180	29	2.84	ug/l #	1
95) Naphthalene	15.106	128	822	3.46	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.267	180	208	3.28	ug/l #	81

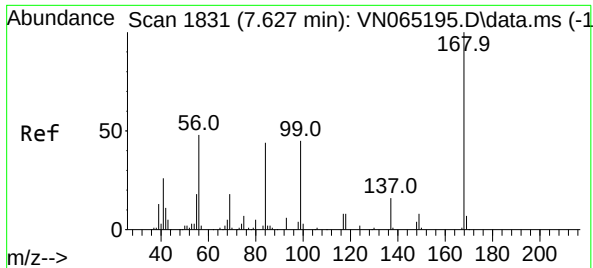
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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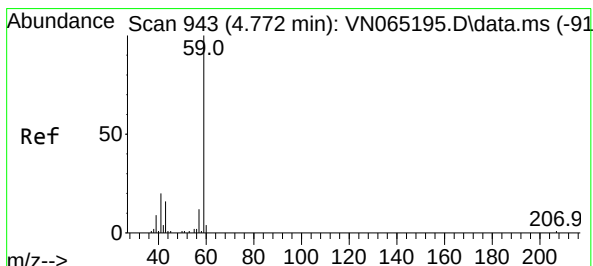
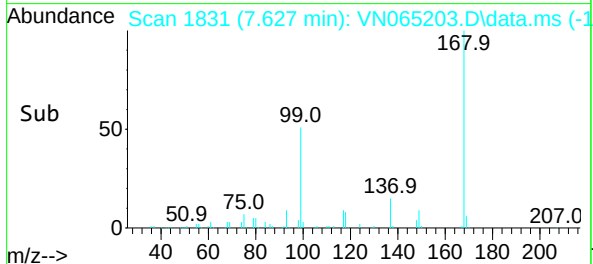
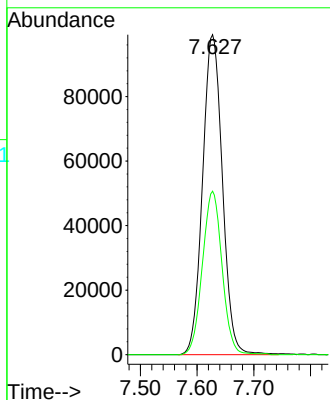
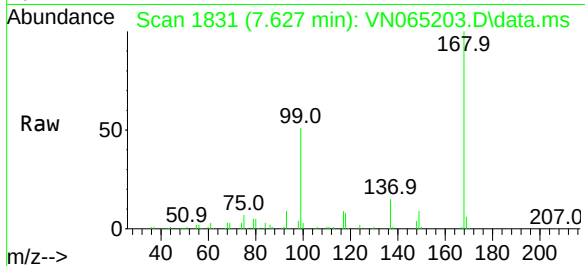




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

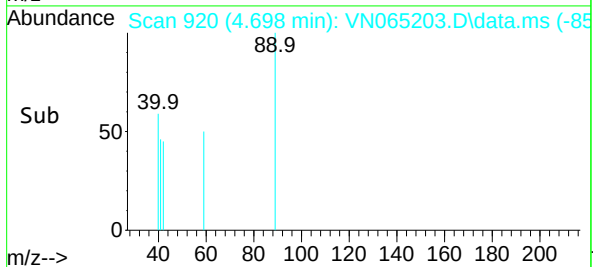
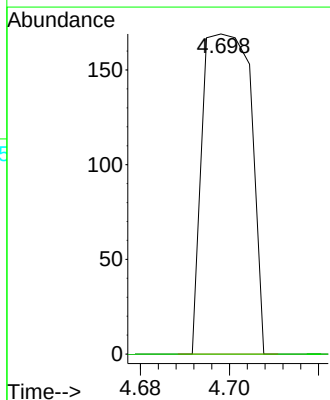
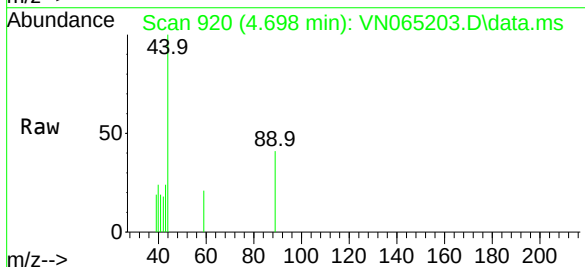
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

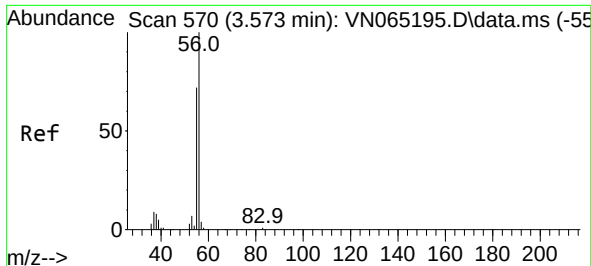
Tgt Ion:168 Resp: 241478
Ion Ratio Lower Upper
168 100
99 51.1 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.28 ug/l
RT: 4.698 min Scan# 920
Delta R.T. -0.074 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

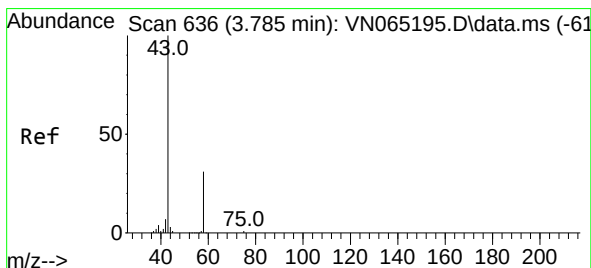
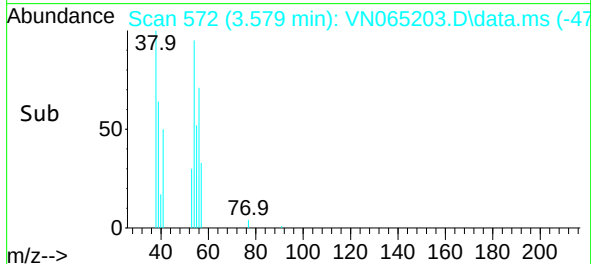
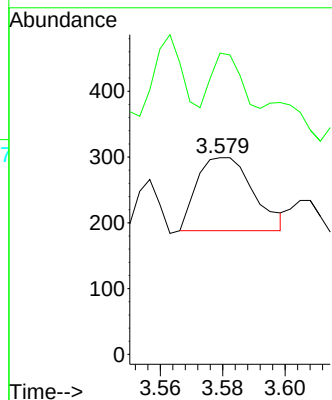
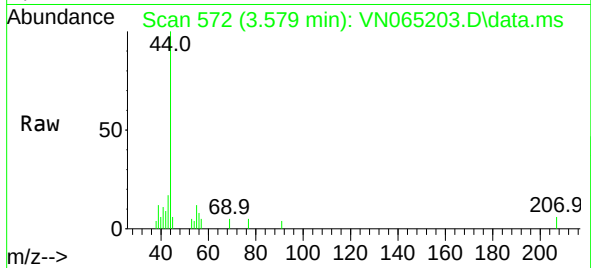




#13
Acrolein
Concen: 2.87 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

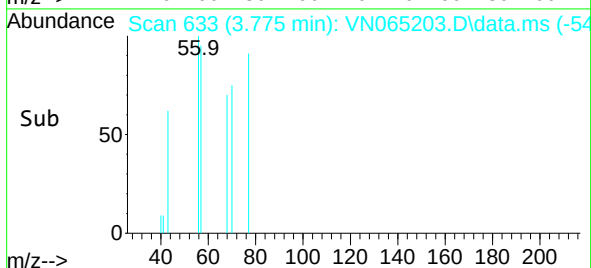
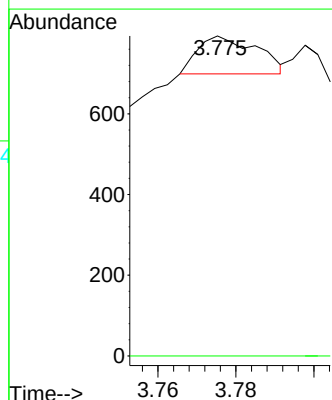
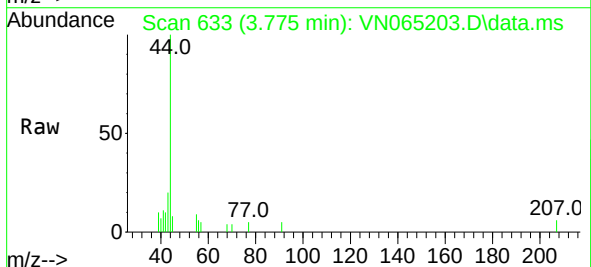
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

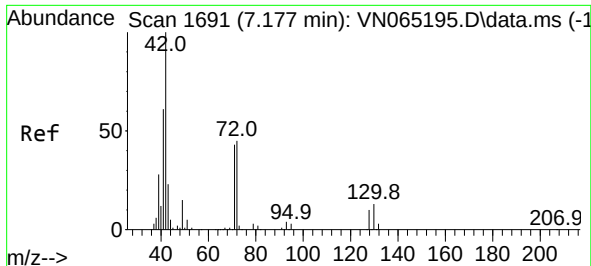
Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
55 38.8 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.775 min Scan# 633
Delta R.T. -0.010 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 7.177 min Scan# 1691

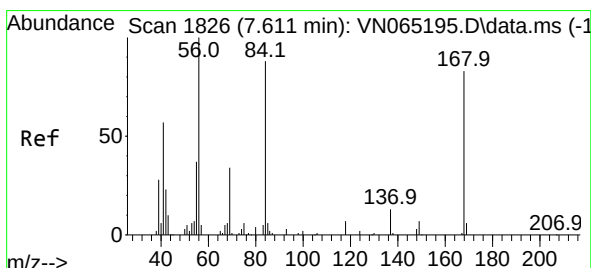
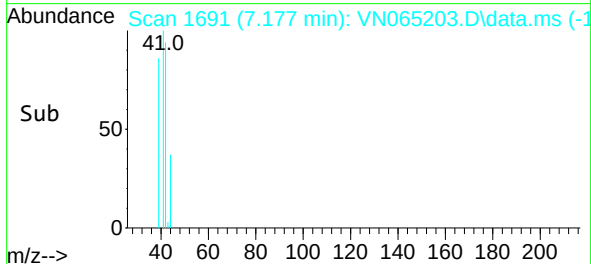
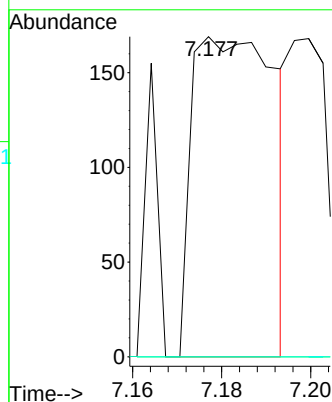
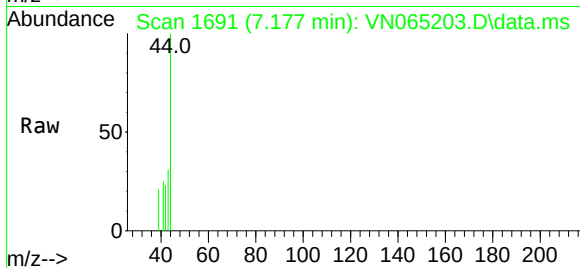
Delta R.T. 0.000 min

Lab File: VN065203.D

Acq: 22 Dec 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

Tgt Ion: 42	Resp: 218
Ion Ratio	Lower Upper
42 100	
72 0.0	36.6 54.8#
71 0.0	33.6 50.4#



#31

Cyclohexane

Concen: 1.20 ug/l

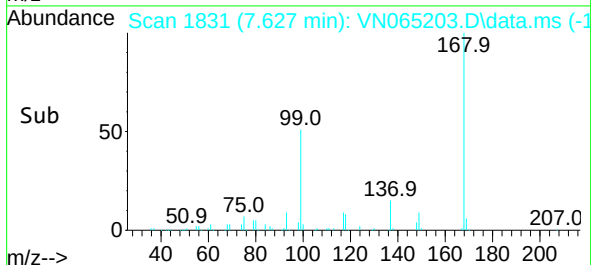
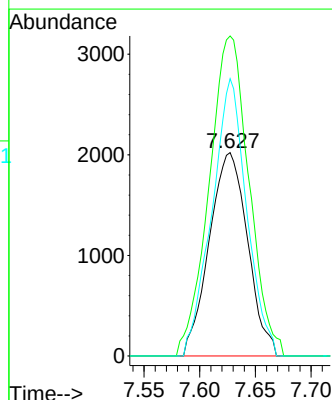
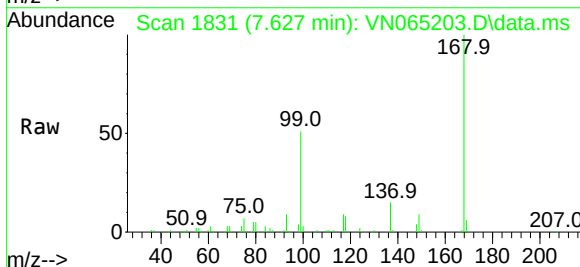
RT: 7.627 min Scan# 1831

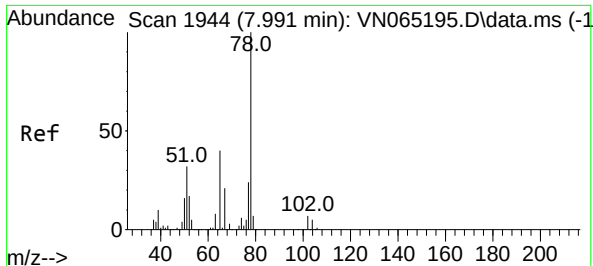
Delta R.T. 0.016 min

Lab File: VN065203.D

Acq: 22 Dec 2020 18:07

Tgt Ion: 56	Resp: 4842		
Ion Ratio	Lower	Upper	
56	100		
69	150.0	27.5	41.3#
84	136.4	73.9	110.9#

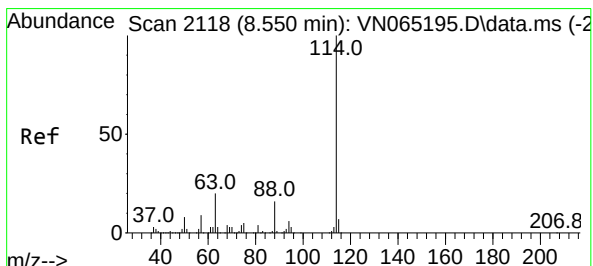
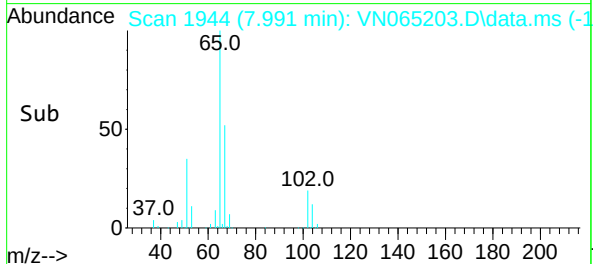
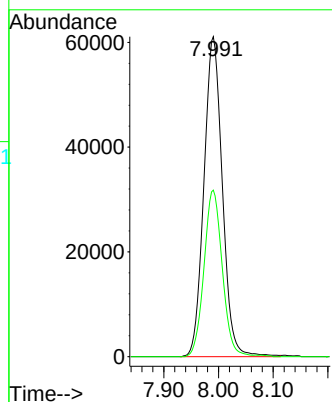
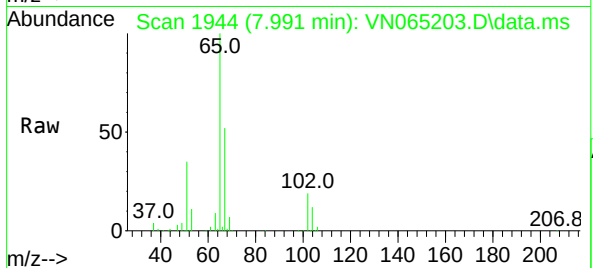




#33
1,2-Dichloroethane-d4
Concen: 52.48 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

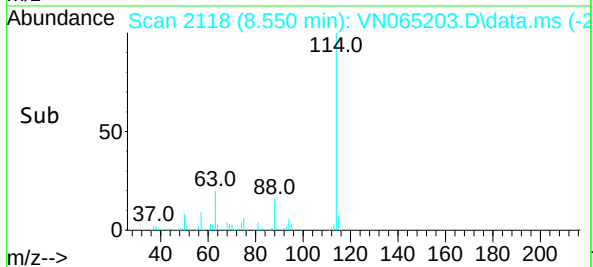
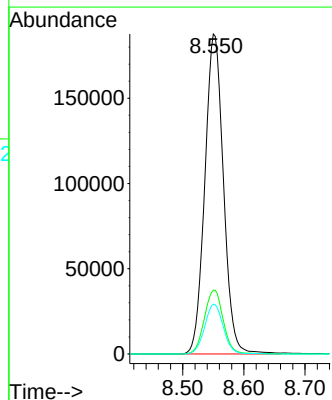
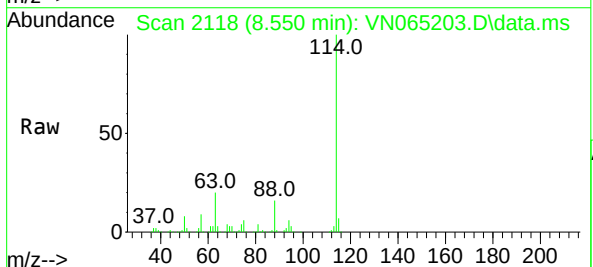
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

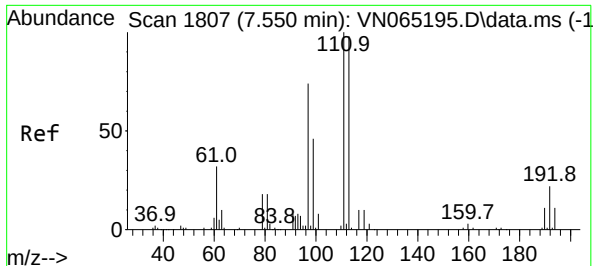
Tgt Ion: 65 Resp: 143057
Ion Ratio Lower Upper
65 100
67 51.5 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

Tgt Ion: 114 Resp: 397504
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 15.6 0.0 32.6

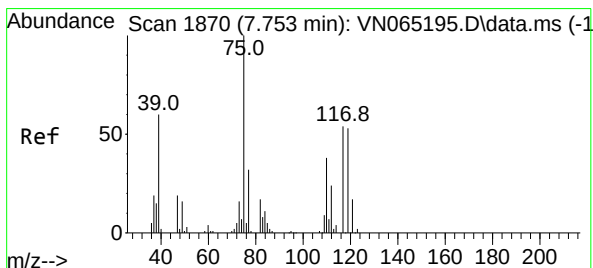
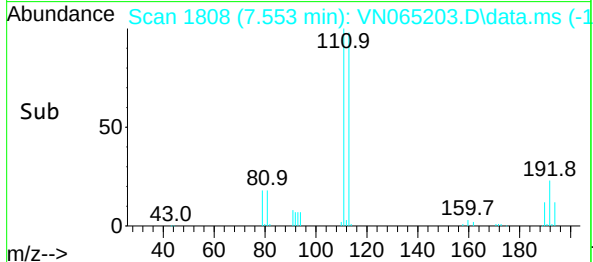
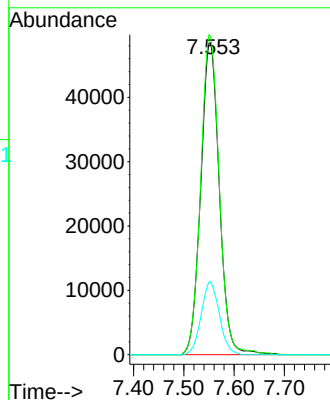
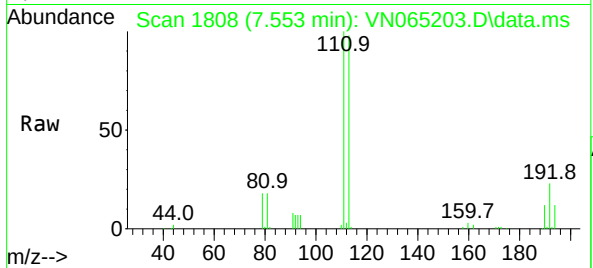




#35
Dibromofluoromethane
Concen: 51.90 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

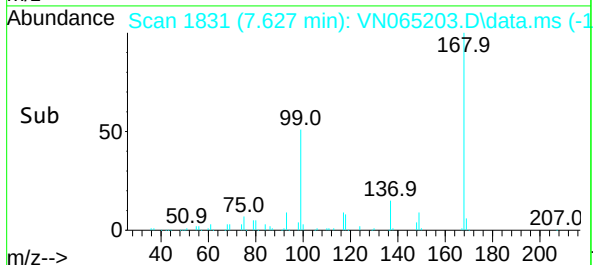
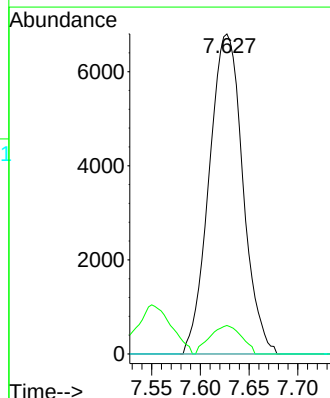
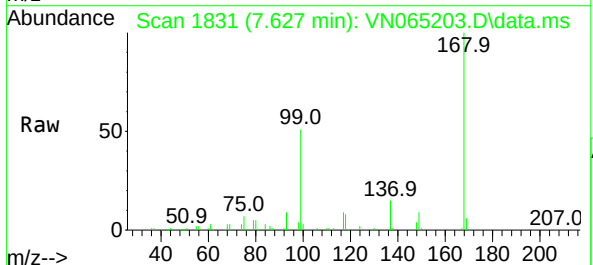
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

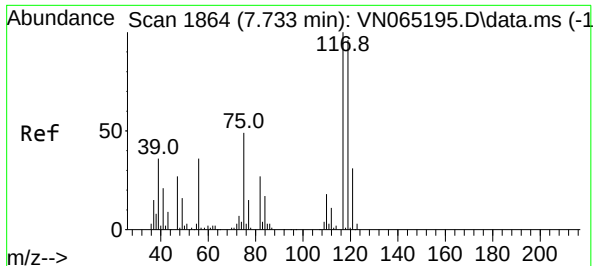
Tgt Ion:113	Resp:	124457
Ion Ratio	Lower	Upper
113	100	
111	102.3	81.6 122.4
192	22.9	16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

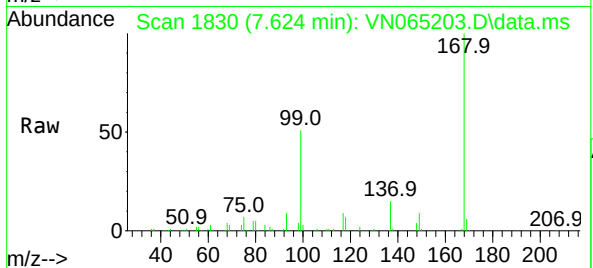
Tgt Ion: 75	Resp:	16379
Ion Ratio	Lower	Upper
75	100	
110	8.3	17.8 53.3#
77	0.0	25.0 37.4#



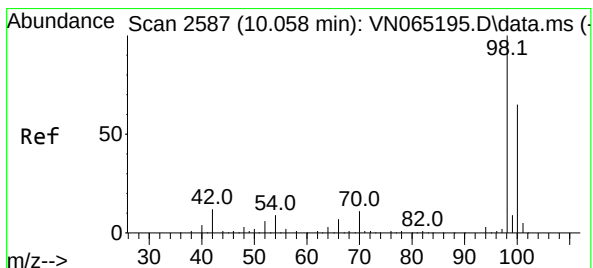
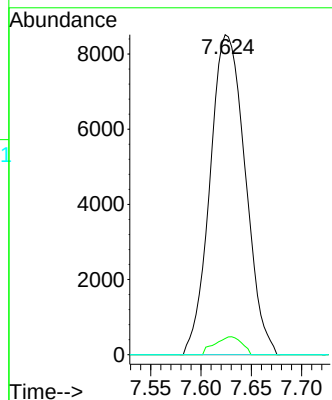
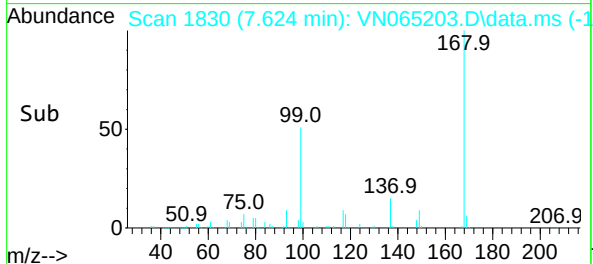


#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

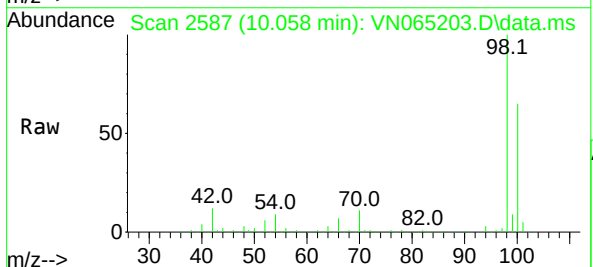
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01



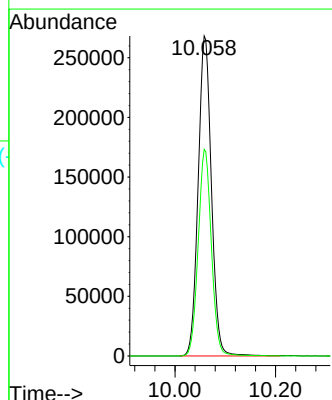
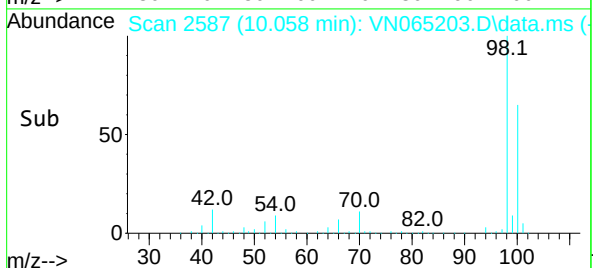
Tgt Ion:117 Resp: 20721
Ion Ratio Lower Upper
117 100
119 5.0 76.7 115.1#
121 0.0 25.4 38.2#

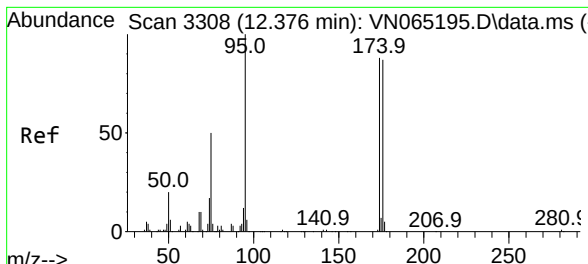


#50
Toluene-d8
Concen: 54.63 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07



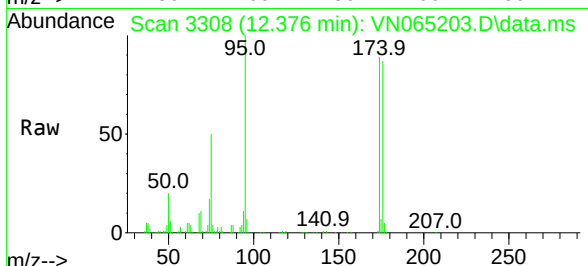
Tgt Ion: 98 Resp: 491073
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



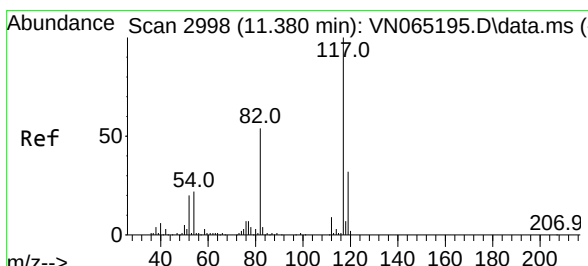
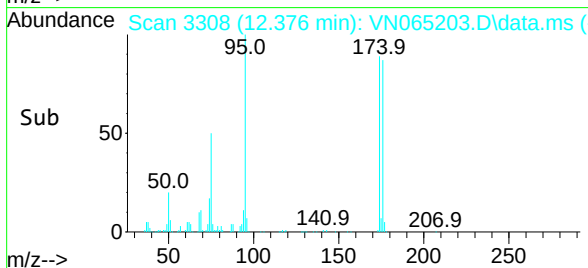
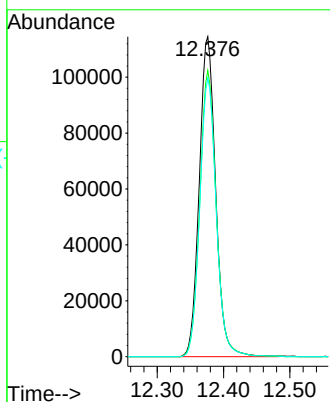


#62
 4-Bromofluorobenzene
 Concen: 54.97 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.000 min
 Lab File: VN065203.D
 Acq: 22 Dec 2020 18:07

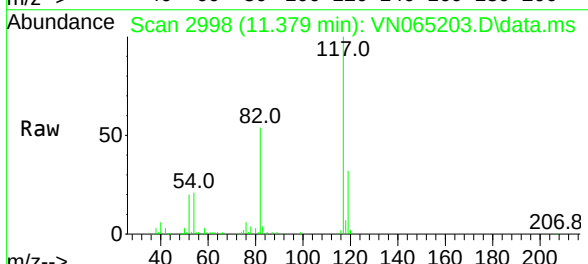
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBL01



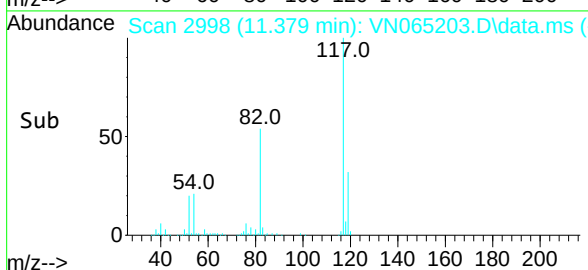
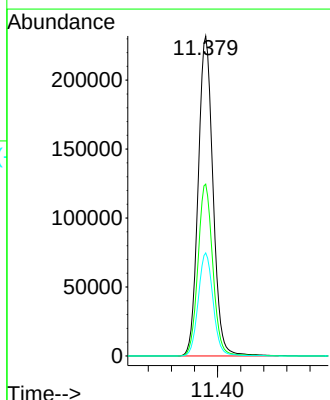
Tgt Ion:	95	Resp:	197395
Ion Ratio	Lower	Upper	
95	100		
174	89.3	0.0	160.4
176	86.9	0.0	158.4

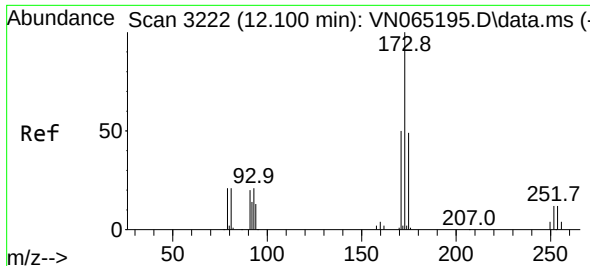


#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.379 min Scan# 2998
 Delta R.T. -0.001 min
 Lab File: VN065203.D
 Acq: 22 Dec 2020 18:07



Tgt Ion:	117	Resp:	412578
Ion Ratio	Lower	Upper	
117	100		
82	53.7	44.2	66.2
119	32.2	25.8	38.6

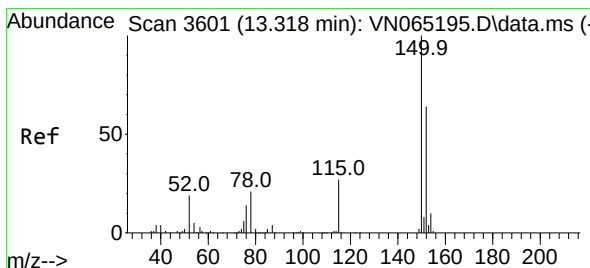
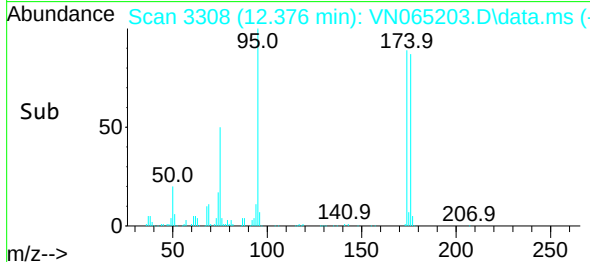
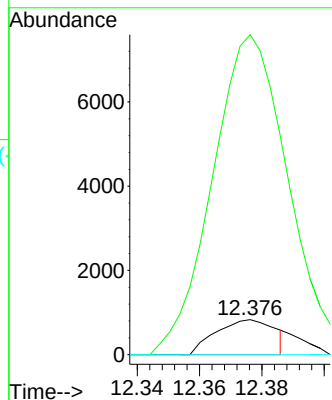
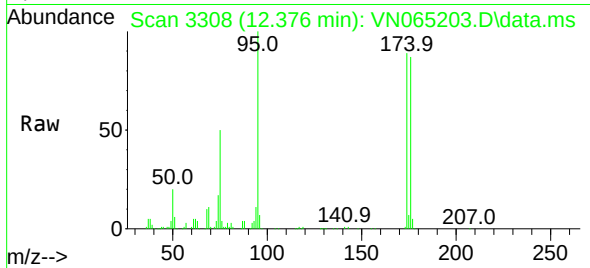




#71
Bromoform
Concen: 0.39 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

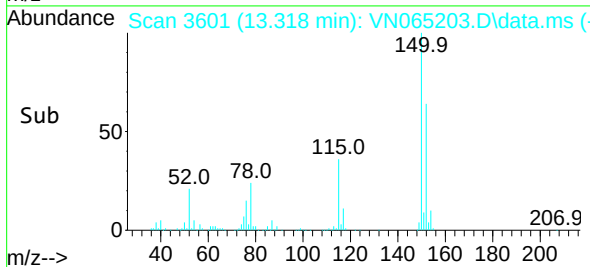
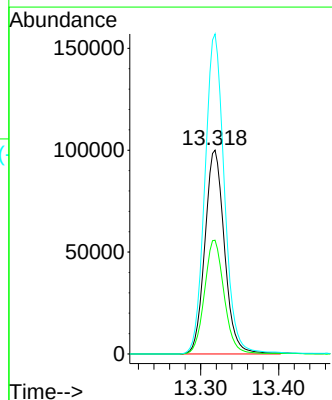
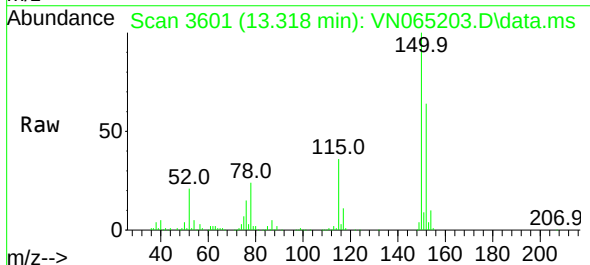
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

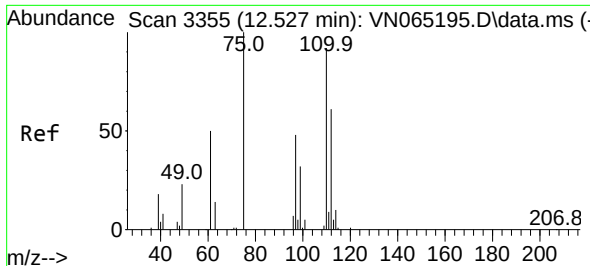
Tgt Ion:173 Resp: 1094
Ion Ratio Lower Upper
173 100
175 974.2 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

Tgt Ion:152 Resp: 175032
Ion Ratio Lower Upper
152 100
115 55.8 29.7 89.1
150 156.4 0.0 350.6

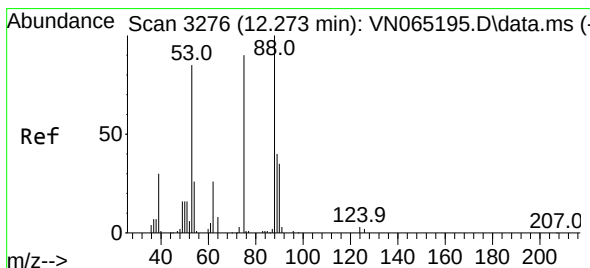
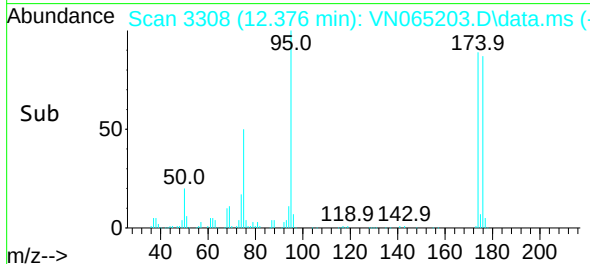
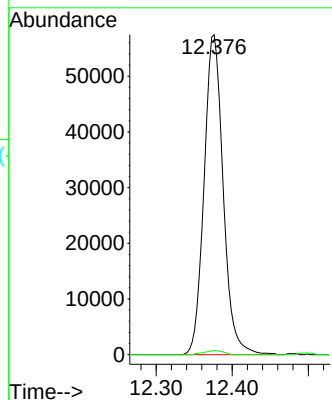
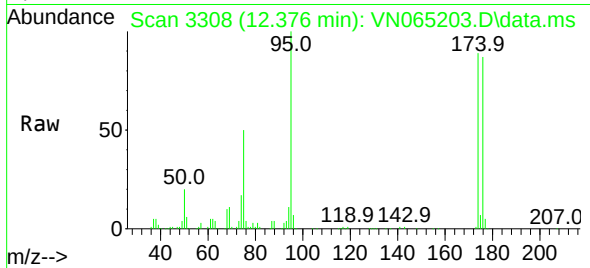




#76
1,2,3-Trichloropropane
Concen: 28.09 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

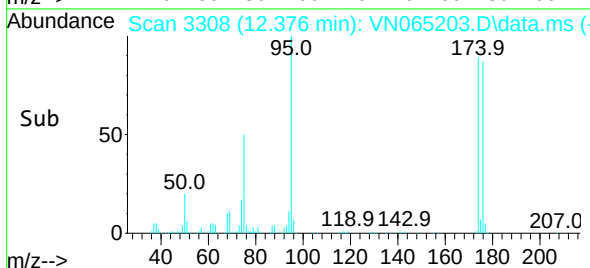
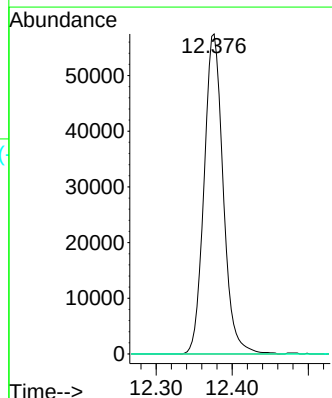
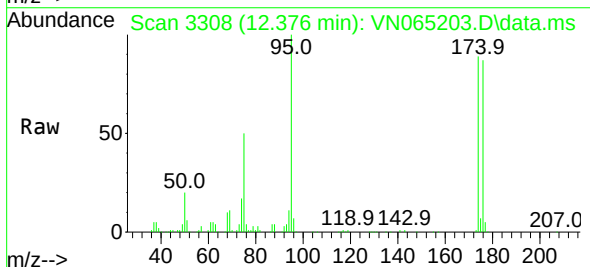
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

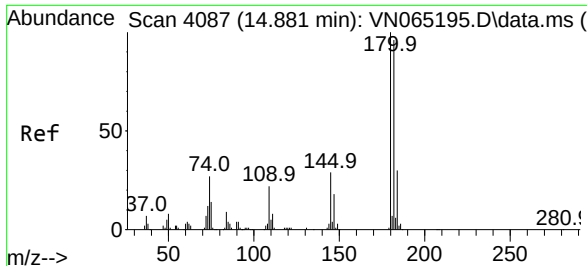
Tgt Ion: 75 Resp: 100309
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.83 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

Tgt Ion: 75 Resp: 100309
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

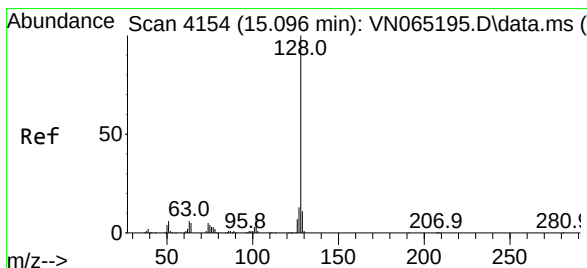
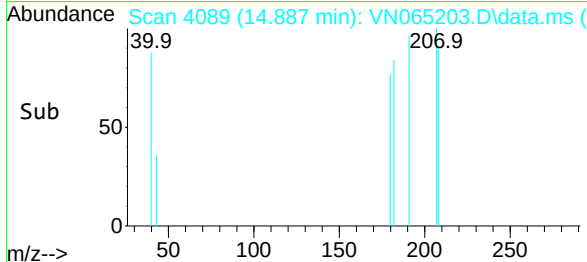
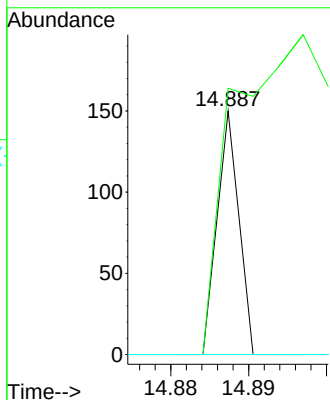
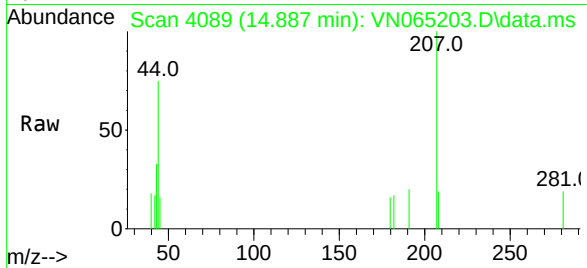




#93
1,2,4-Trichlorobenzene
Concen: 2.84 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.006 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

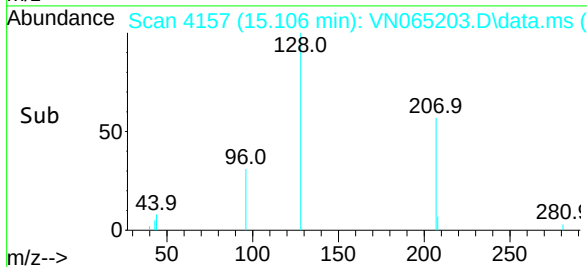
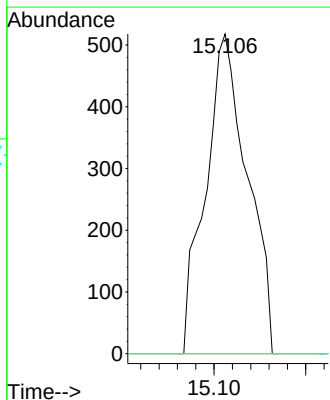
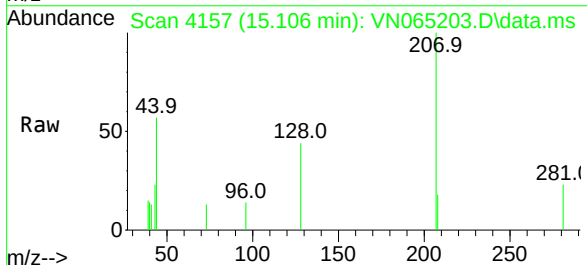
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBL01

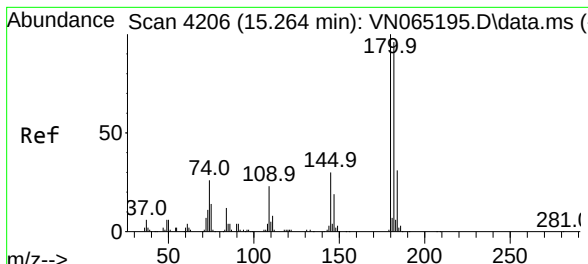
Tgt Ion:180 Resp: 29
Ion Ratio Lower Upper
180 100
182 572.4 47.6 142.9#
145 0.0 15.3 45.8#



#95
Naphthalene
Concen: 3.46 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065203.D
Acq: 22 Dec 2020 18:07

Tgt Ion:128 Resp: 822
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: 3.28 ug/l
 RT: 15.267 min Scan# 4207
 Delta R.T. 0.003 min
 Lab File: VN065203.D
 Acq: 22 Dec 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBL01

Tgt Ion:	180	Resp:	208
Ion	Ratio	Lower	Upper
180	100		
182	101.4	48.1	144.4
145	0.0	16.4	49.1#

