

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065420.D
 Acq On : 7 Jan 2021 12:22
 Operator : JC/MD
 Sample : M1037-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-010621

Quant Time: Jan 08 01:15:53 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)

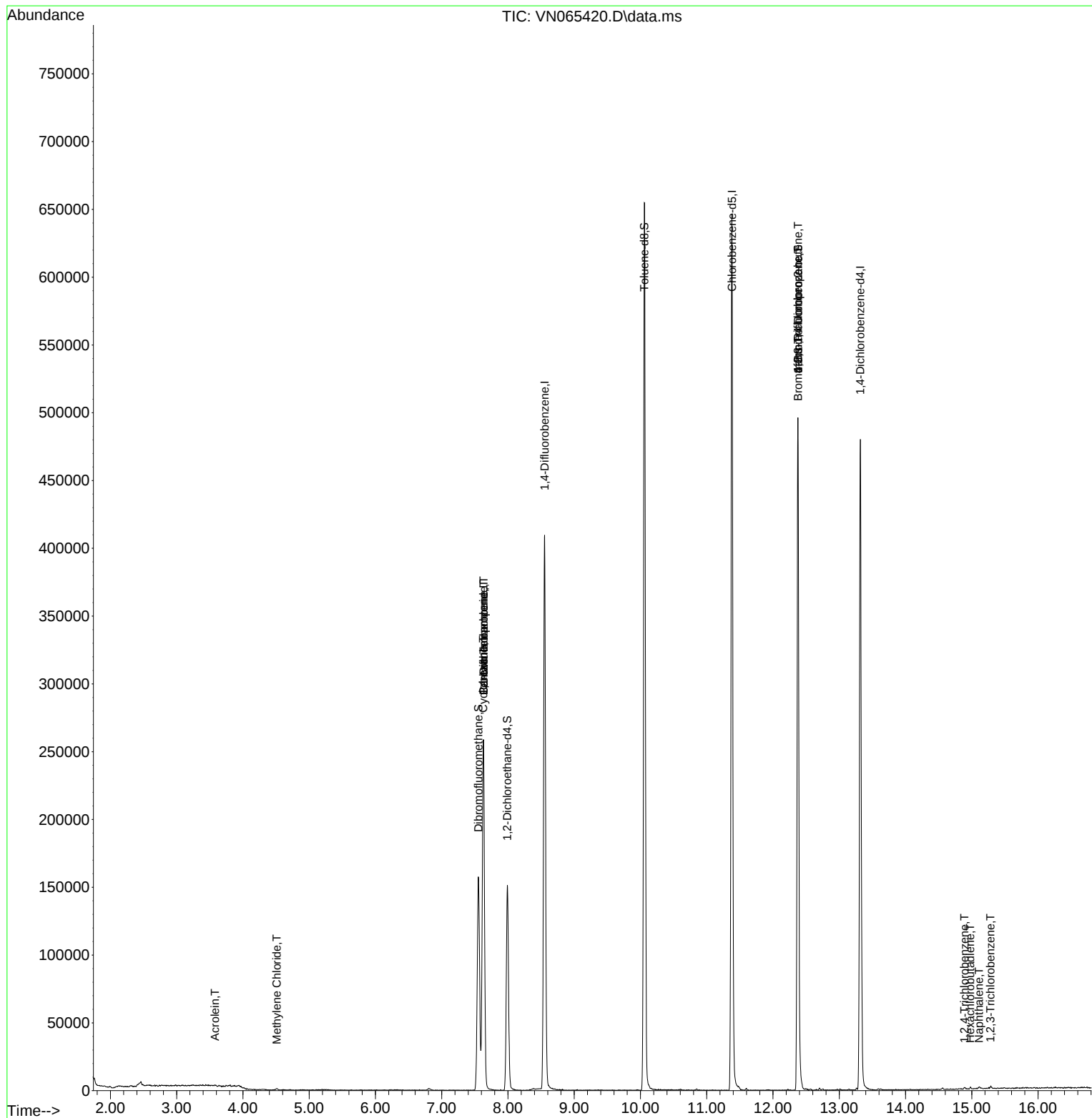
Internal Standards						
1) Pentafluorobenzene	7.630	168	236009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	390562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	410008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	153397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	131436	49.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.66%		
35) Dibromofluoromethane	7.553	113	120559	51.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.32%		
50) Toluene-d8	10.058	98	487029	55.15	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.30%		
62) 4-Bromofluorobenzene	12.376	95	177643	50.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.54%		
Target Compounds					Qvalue	
13) Acrolein	3.576	56	205	3.10	ug/l	87
16) Acetone	3.788	43	173	Below Cal	#	43
20) Methylene Chloride	4.512	84	563	0.22	ug/l #	80
31) Cyclohexane	7.624	56	3662	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	14751	4.15	ug/l #	49
38) Carbon Tetrachloride	7.630	117	19715	5.29	ug/l #	16
71) Bromoform	12.379	173	1041	0.37	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	84829	27.11	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	84829	68.35	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.891	180	689	3.05	ug/l #	83
94) Hexachlorobutadiene	14.977	225	545	0.28	ug/l	86
95) Naphthalene	15.109	128	2289	3.64	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.283	180	530	3.40	ug/l #	24

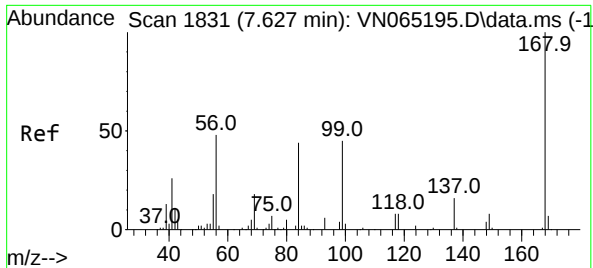
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 08 01:15:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

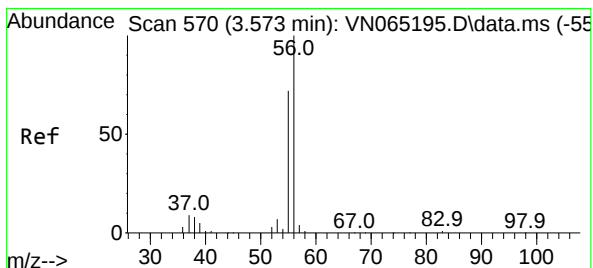
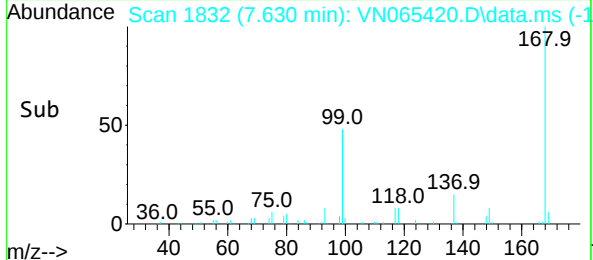
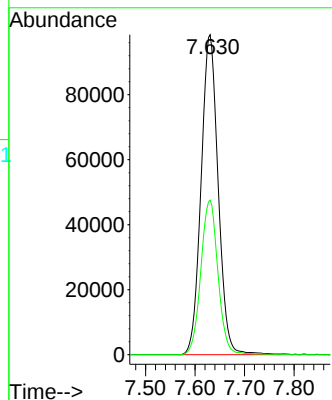
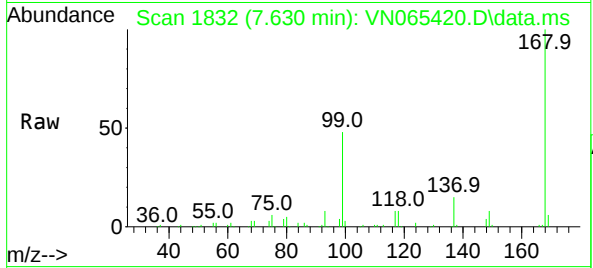




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

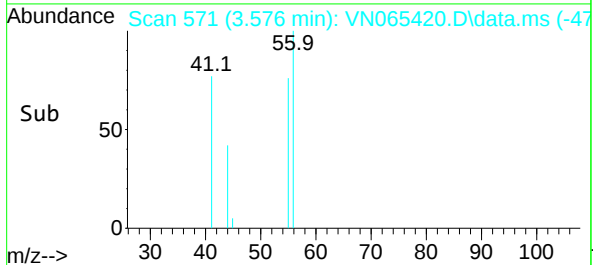
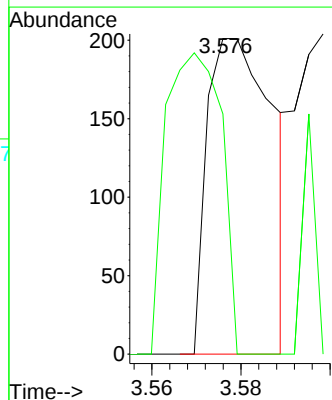
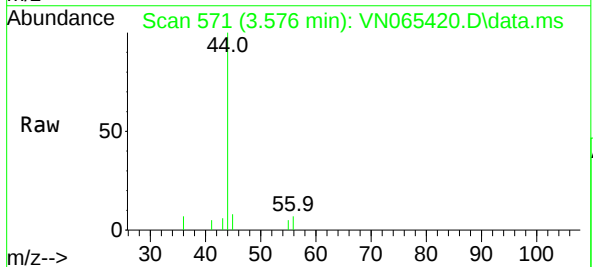
Instrument :
MSVOA_N
ClientSampleId :
TB-01-010621

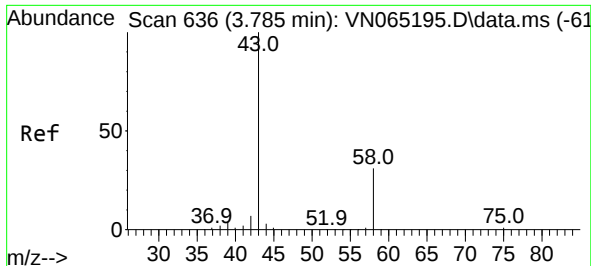
Tgt Ion:168 Resp: 236009
Ion Ratio Lower Upper
168 100
99 48.3 43.0 64.4



#13
Acrolein
Concen: 3.10 ug/l
RT: 3.576 min Scan# 571
Delta R.T. 0.003 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 81.5 56.5 84.7

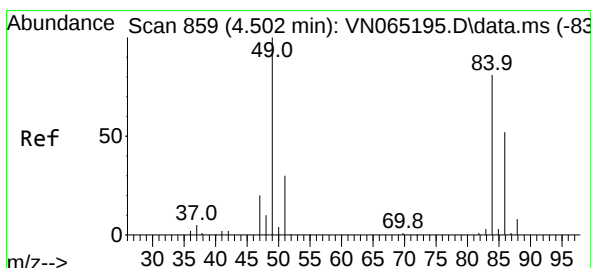
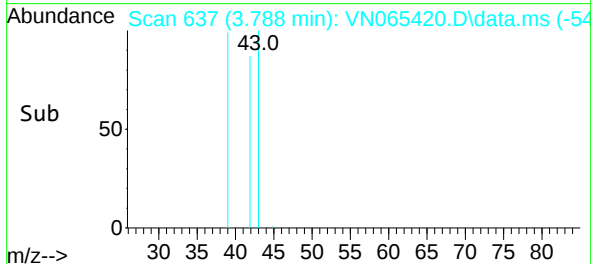
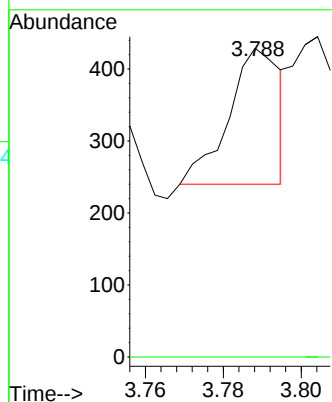
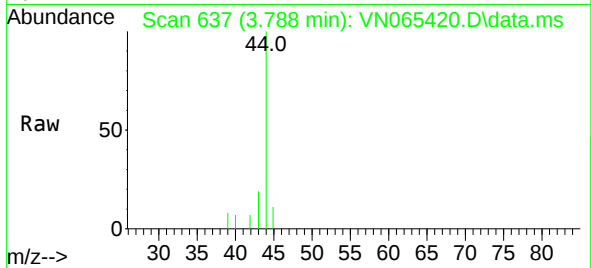




#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

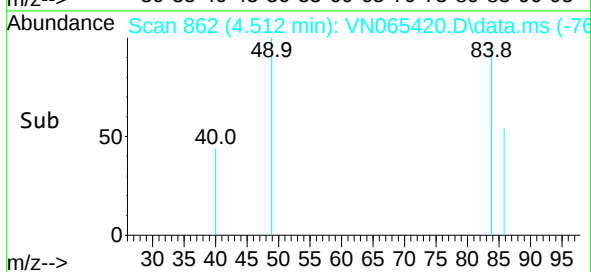
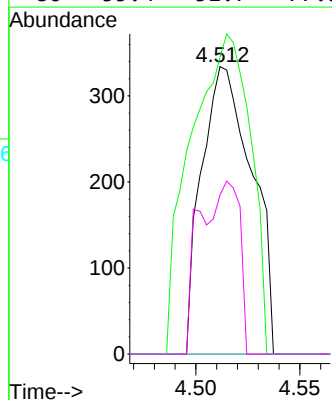
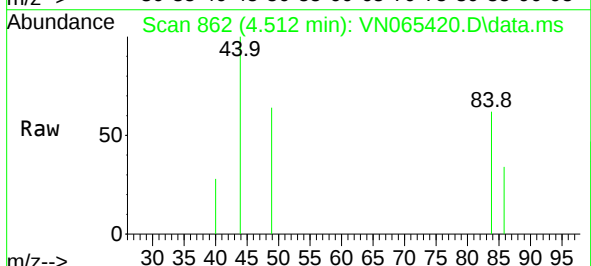
Instrument :
MSVOA_N
ClientSampled :
TB-01-010621

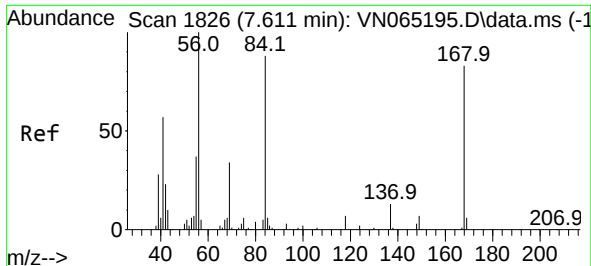
Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

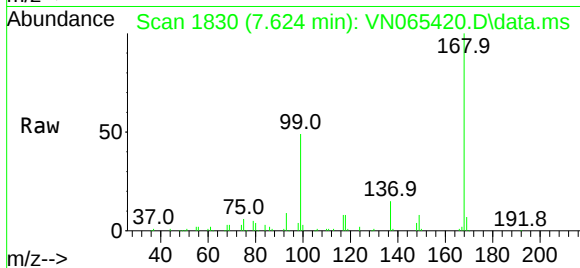
Tgt Ion: 84 Resp: 563
Ion Ratio Lower Upper
84 100
49 103.3 93.4 140.0
51 0.0 28.2 42.4#
86 55.4 51.7 77.5



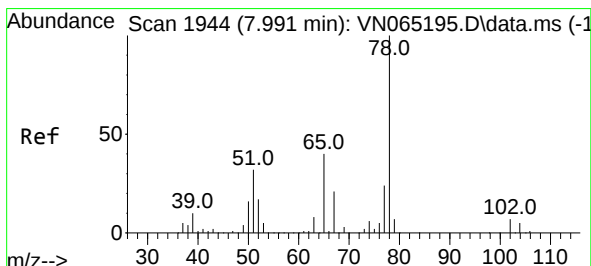
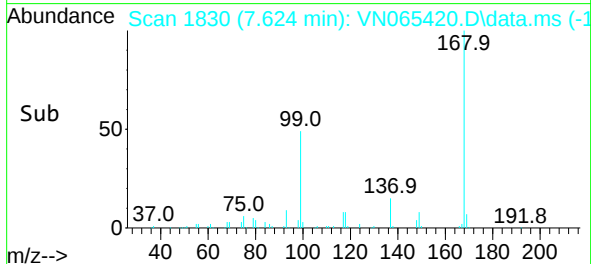
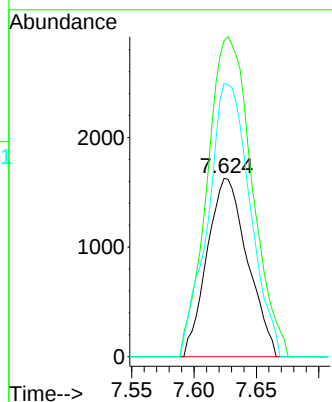


#31
Cyclohexane
Concen: 0.93 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

Instrument :
MSVOA_N
ClientSampleId :
TB-01-010621

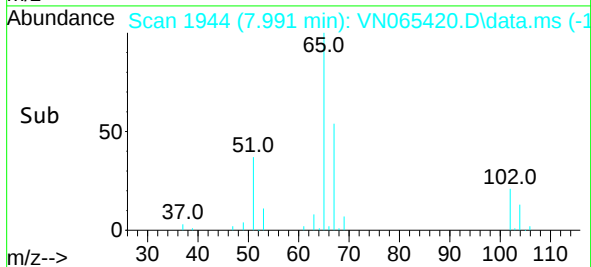
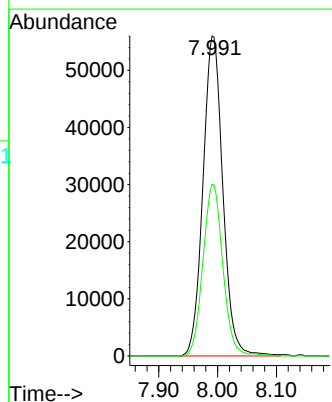
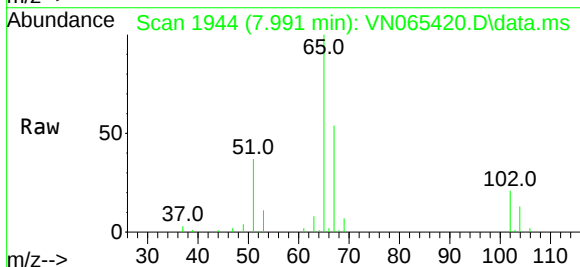


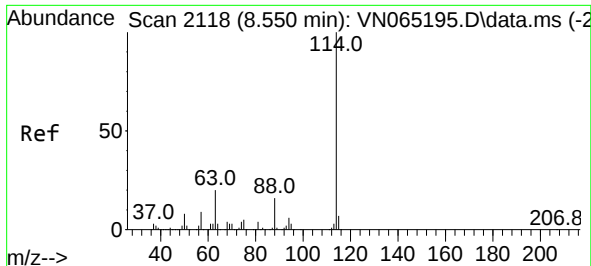
Tgt Ion: 56 Resp: 3662
Ion Ratio Lower Upper
56 100
69 177.2 27.5 41.3#
84 153.3 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 49.33 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

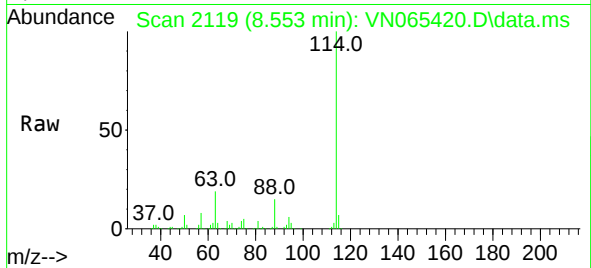
Tgt Ion: 65 Resp: 131436
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.2



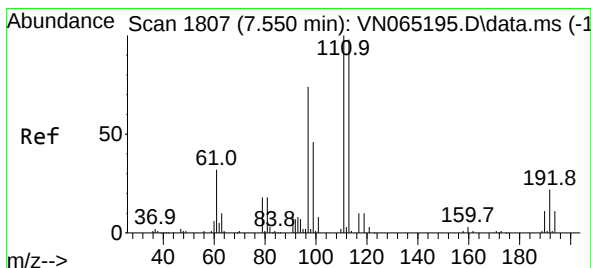
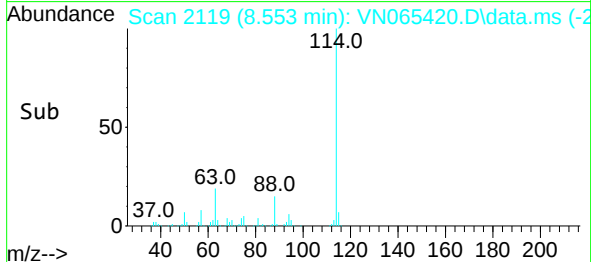
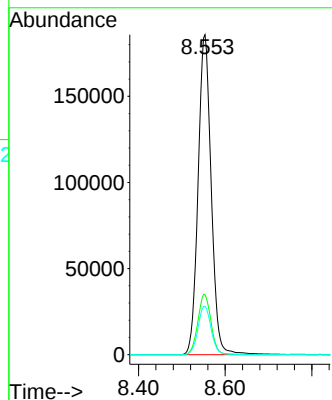


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

Instrument :
MSVOA_N
ClientSampleId :
TB-01-010621

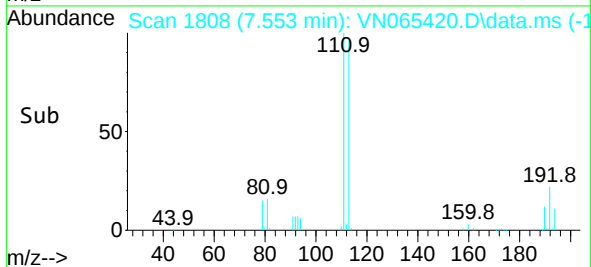
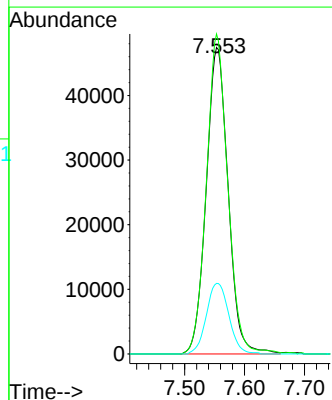
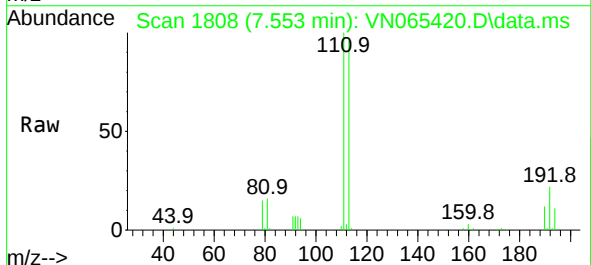


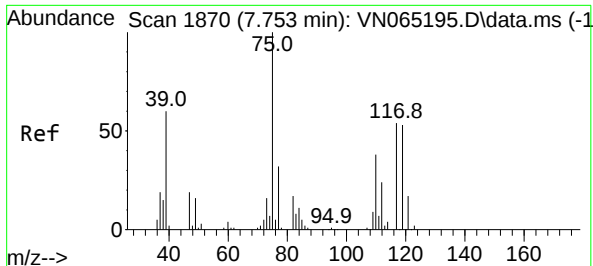
Tgt Ion:114 Resp: 390562
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.16 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

Tgt Ion:113 Resp: 120559
Ion Ratio Lower Upper
113 100
111 102.0 81.6 122.4
192 23.6 16.2 24.2

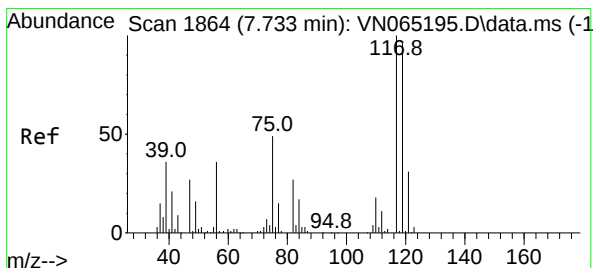
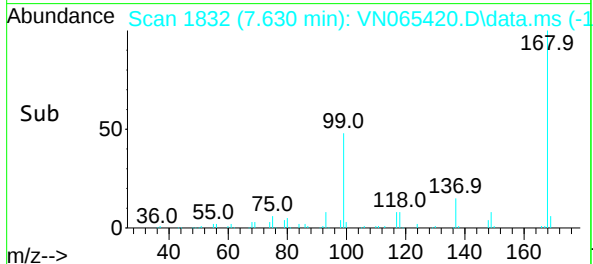
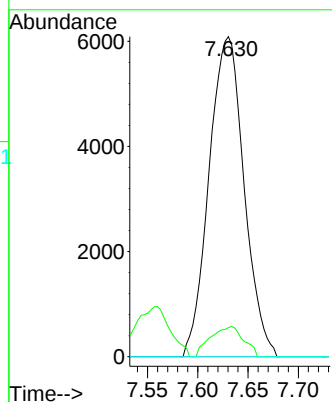
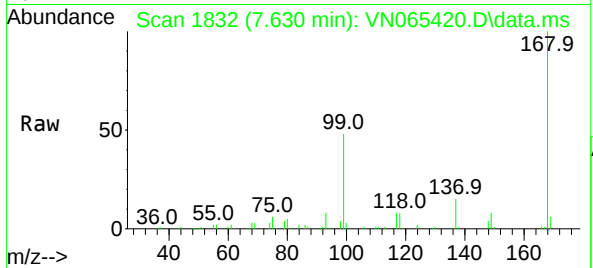




#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

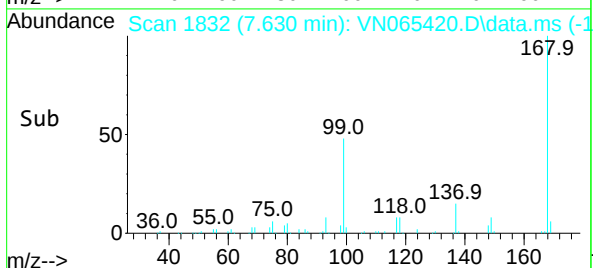
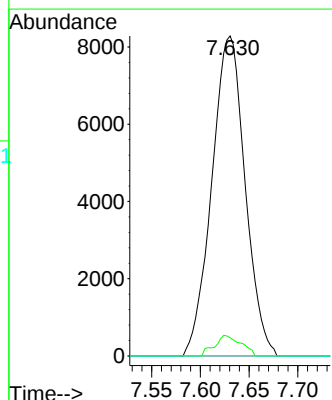
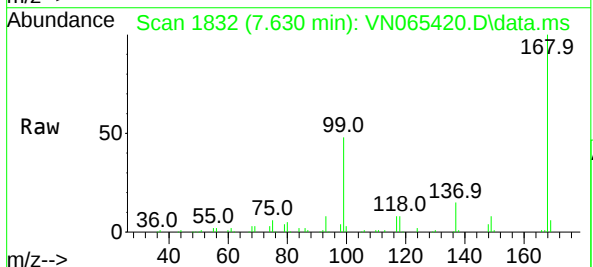
Instrument :
MSVOA_N
ClientSampled :
TB-01-010621

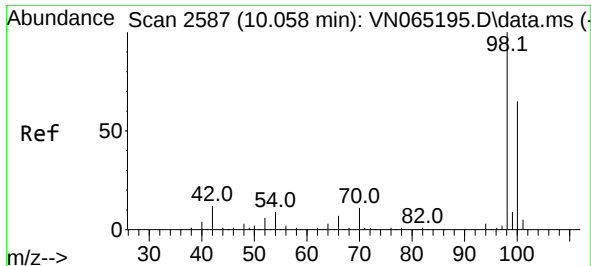
Tgt Ion: 75 Resp: 14751
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

Tgt Ion: 117 Resp: 19715
Ion Ratio Lower Upper
117 100
119 5.7 76.7 115.1#
121 0.0 25.4 38.2#

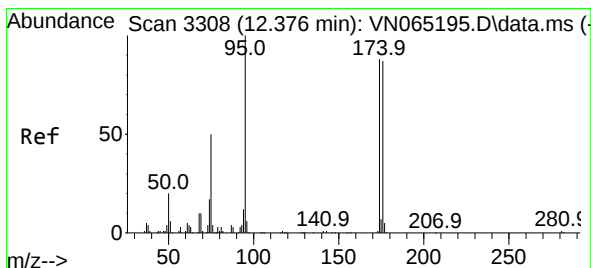
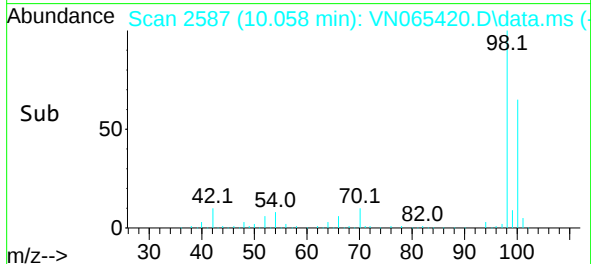
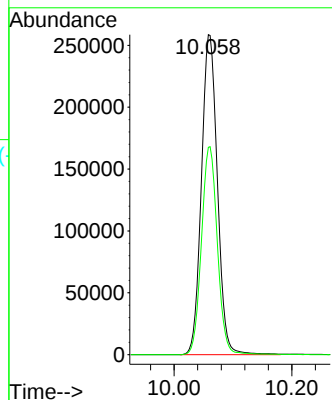
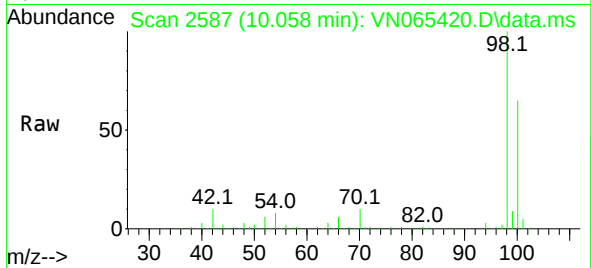




#50
Toluene-d8
Concen: 55.15 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

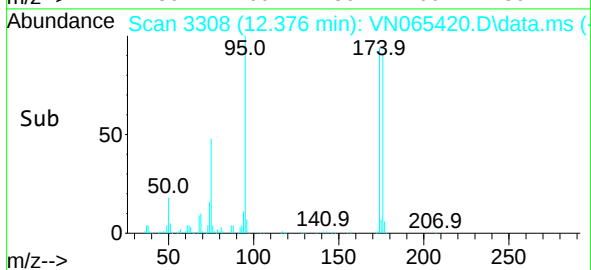
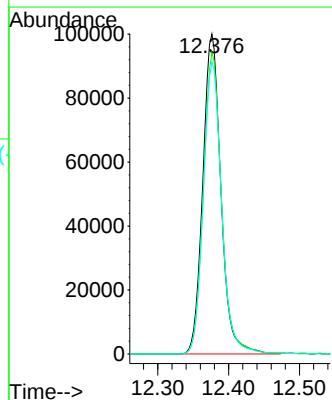
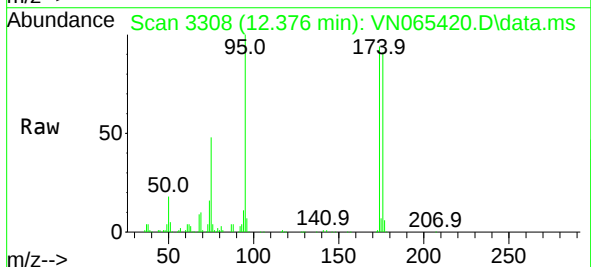
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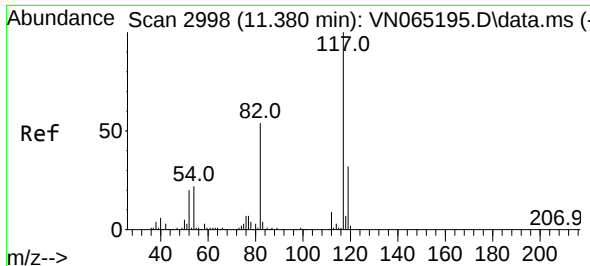
Tgt Ion: 98 Resp: 487029
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.77 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

Tgt Ion: 95 Resp: 177643
Ion Ratio Lower Upper
95 100
174 94.5 0.0 160.4
176 91.9 0.0 158.4

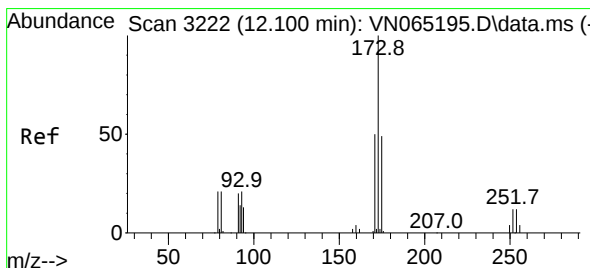
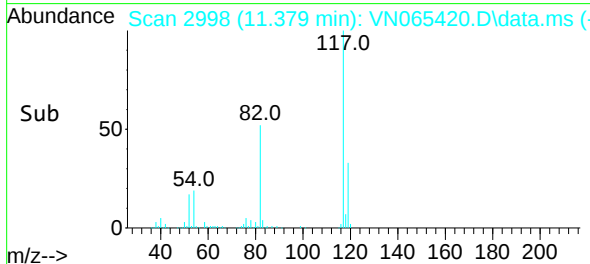
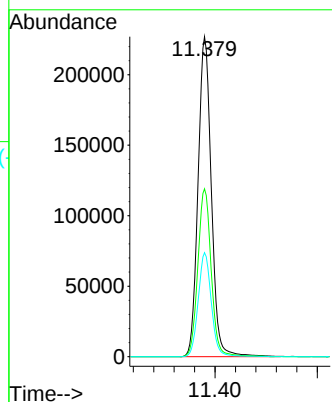
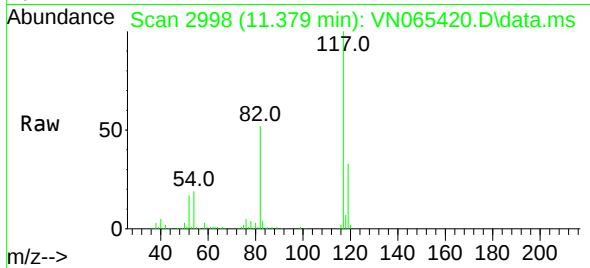




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

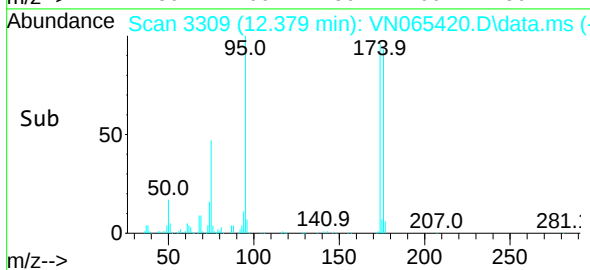
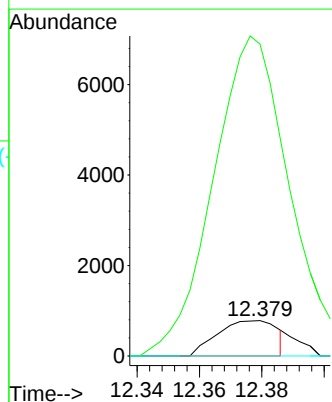
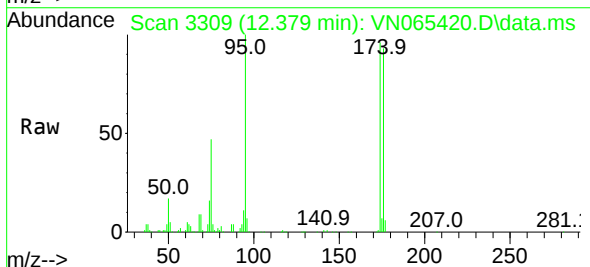
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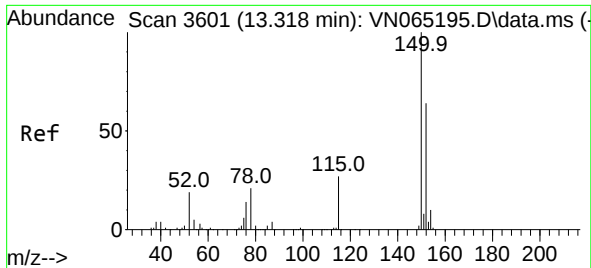
Tgt Ion:117 Resp: 410008
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.5 25.8 38.6



#71
Bromoform
Concen: 0.37 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.279 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

Tgt Ion:173 Resp: 1041
Ion Ratio Lower Upper
173 100
175 948.7 24.3 72.8#
254 0.0 0.0 0.0

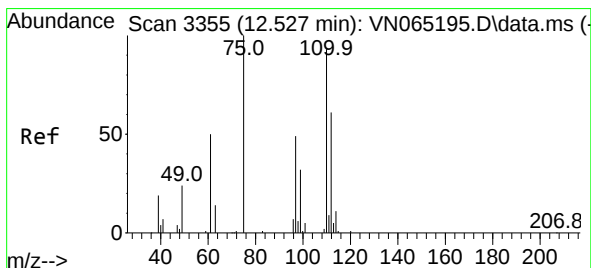
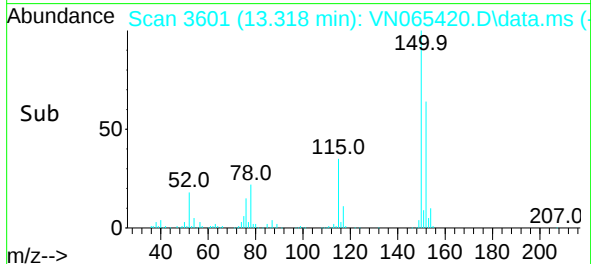
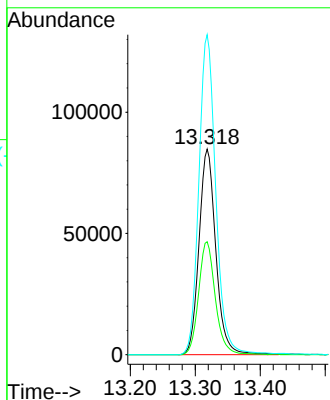
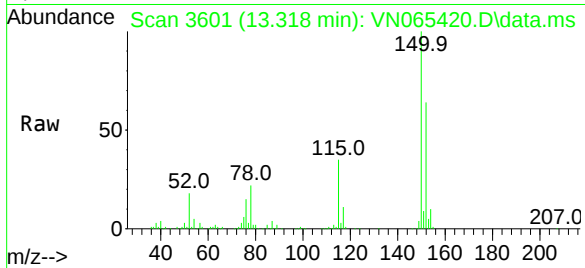




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

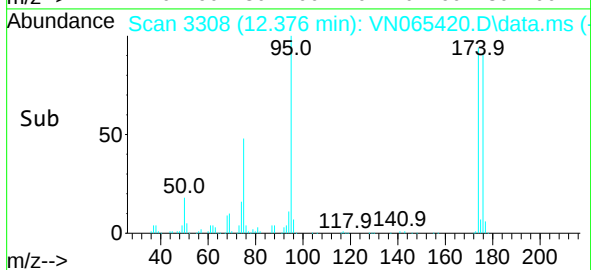
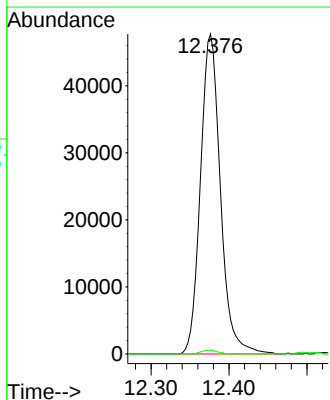
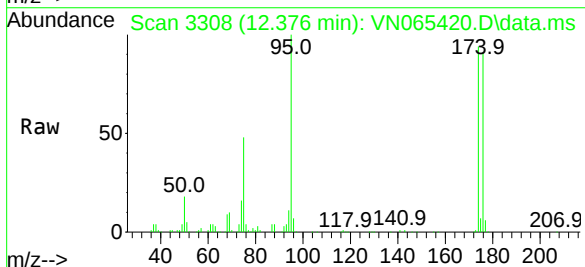
Instrument :
MSVOA_N
ClientSampled :
TB-01-010621

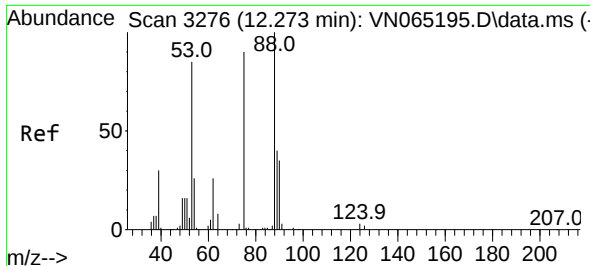
Tgt Ion:152 Resp: 153397
Ion Ratio Lower Upper
152 100
115 54.6 29.7 89.1
150 155.9 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 27.11 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

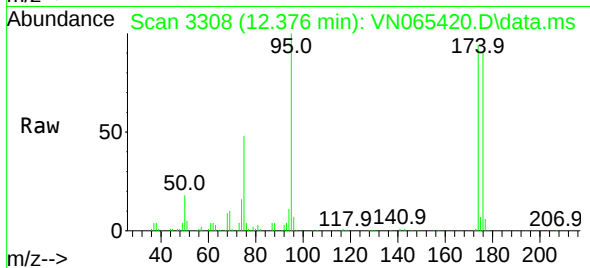
Tgt Ion: 75 Resp: 84829
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



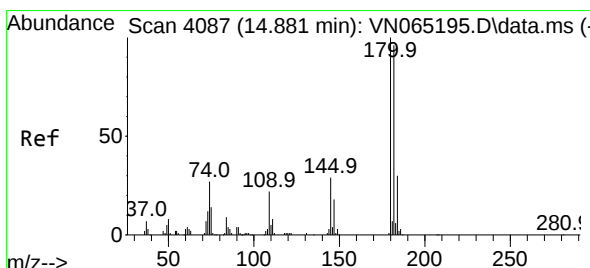
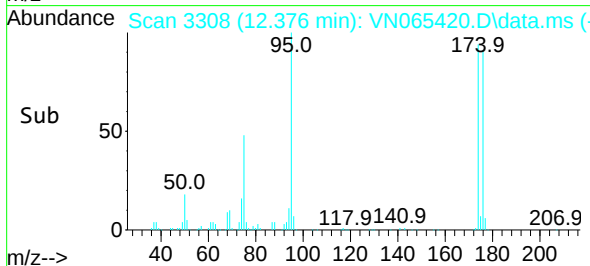
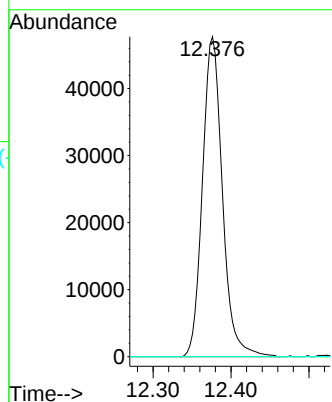


#81
trans-1,4-Dichloro-2-butene
Concen: 68.35 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

Instrument :
MSVOA_N
ClientSampleId :
TB-01-010621

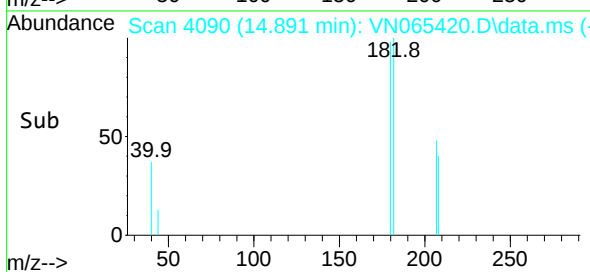
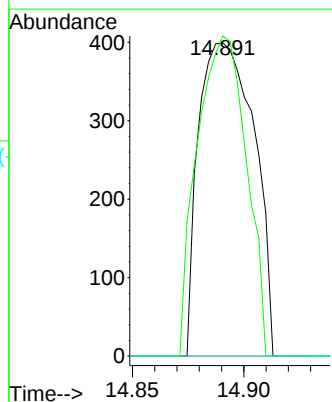
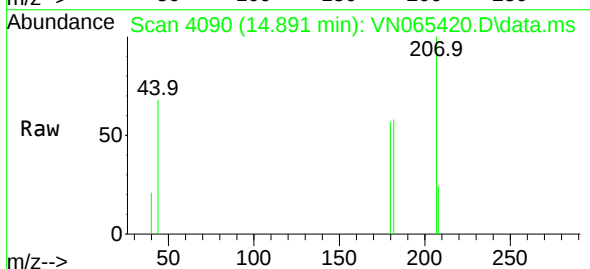


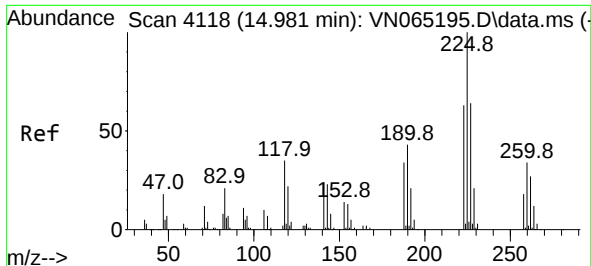
Tgt Ion: 75 Resp: 84829
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.05 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.010 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

Tgt Ion: 180 Resp: 689
Ion Ratio Lower Upper
180 100
182 90.7 47.6 142.9
145 0.0 15.3 45.8#

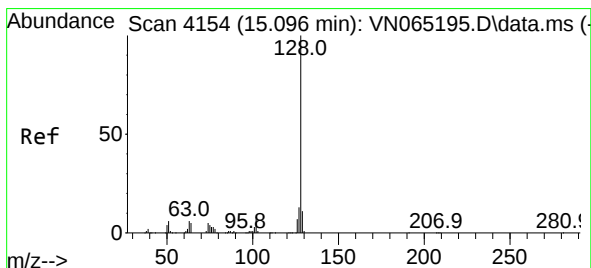
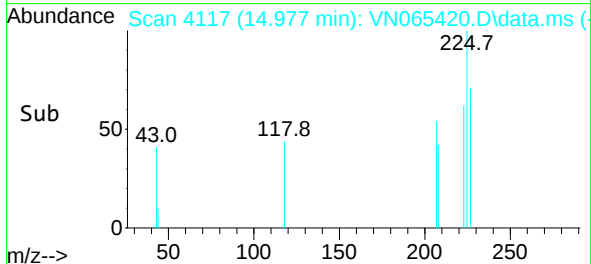
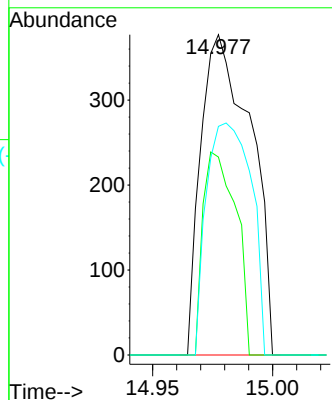
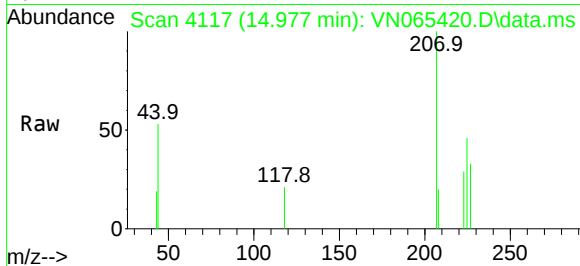




#94
Hexachlorobutadiene
Concen: 0.28 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. -0.004 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

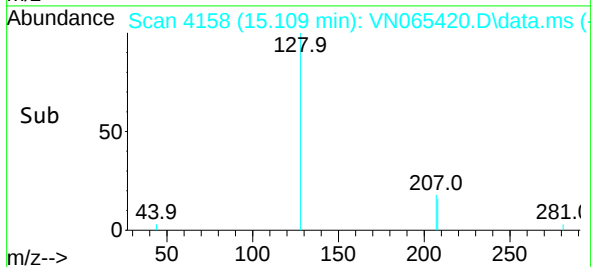
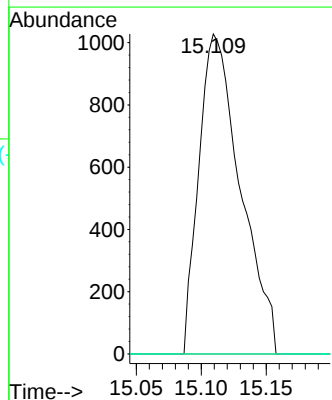
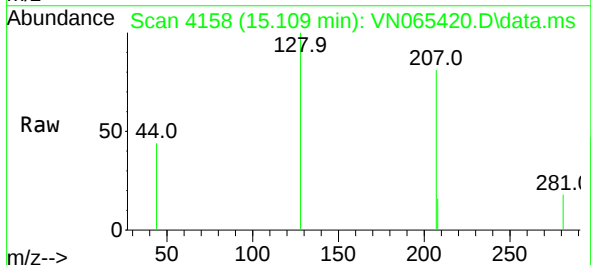
Instrument :
MSVOA_N
ClientSampled :
TB-01-010621

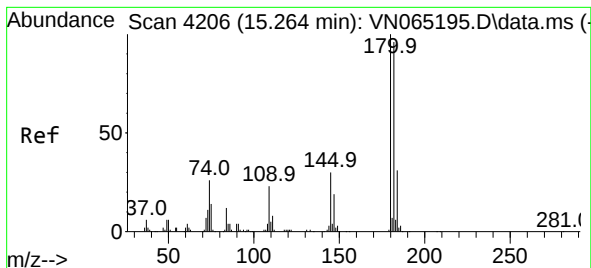
Tgt Ion:225 Resp: 545
Ion Ratio Lower Upper
225 100
223 41.8 31.0 93.0
227 65.0 32.0 96.0



#95
Naphthalene
Concen: 3.64 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065420.D
Acq: 7 Jan 2021 12:22

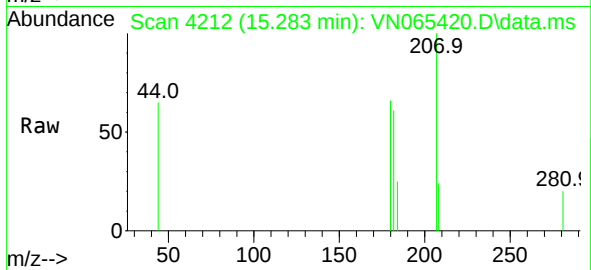
Tgt Ion:128 Resp: 2289
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.40 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. 0.019 min
 Lab File: VN065420.D
 Acq: 7 Jan 2021 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-010621



Tgt Ion:180 Resp: 530
 Ion Ratio Lower Upper
 180 100
 182 183.0 48.1 144.4#
 145 11.5 16.4 49.1#

