

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065302.D
 Acq On : 29 Dec 2020 13:07
 Operator : JC/MD
 Sample : L5226-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16883

Quant Time: Dec 30 00:55:38 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)

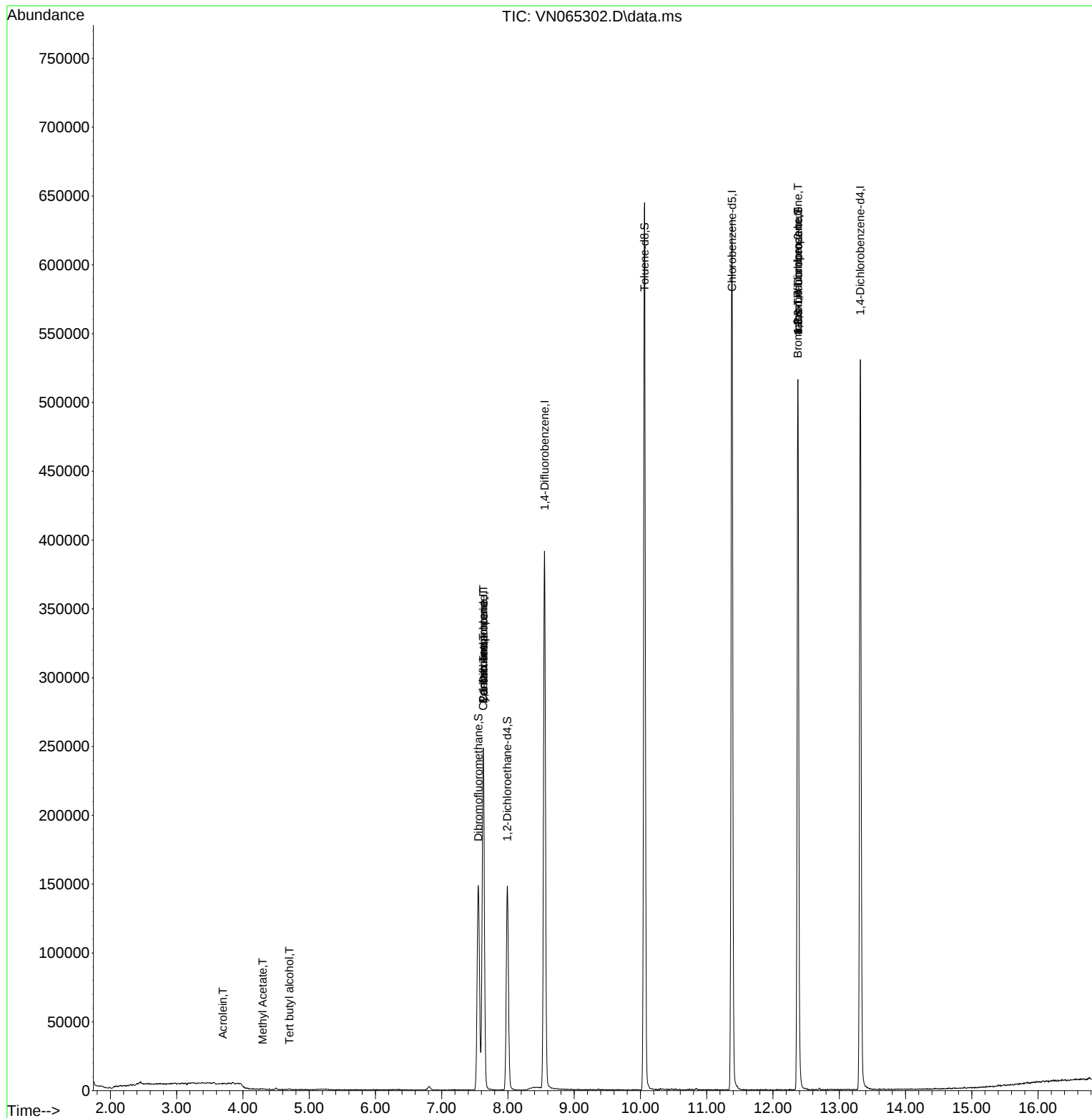
Internal Standards						
1) Pentafluorobenzene	7.627	168	223440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	371741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	392473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	161186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	130080	51.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.14%			
35) Dibromofluoromethane	7.553	113	114787	51.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.36%			
50) Toluene-d8	10.061	98	462512	55.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.04%			
62) 4-Bromofluorobenzene	12.376	95	179860	53.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.36%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.701	59	294	0.71	ug/l #	73
13) Acrolein	3.695	56	31	2.52	ug/l #	1
16) Acetone	3.782	43	271	Below Cal	#	43
18) Methyl Acetate	4.296	43	1104	0.49	ug/l #	50
31) Cyclohexane	7.624	56	3750	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	14544	4.30	ug/l #	48
38) Carbon Tetrachloride	7.627	117	19165	5.40	ug/l #	17
71) Bromoform	12.373	173	1255	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	88455	26.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	88455	67.83	ug/l #	15

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

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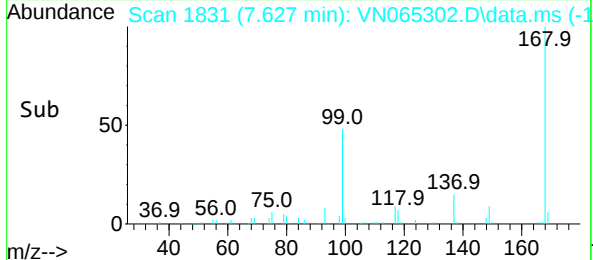
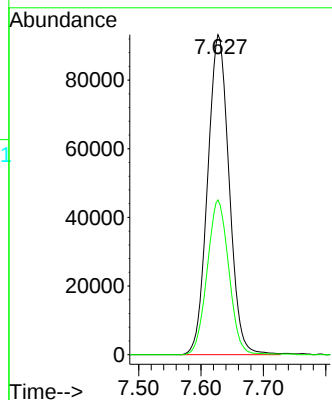
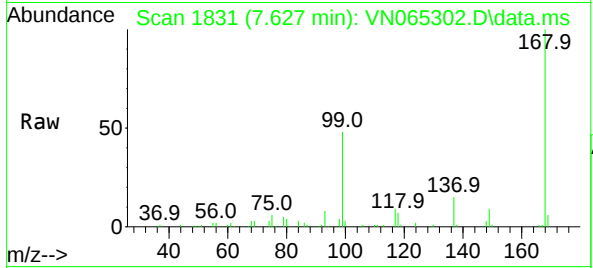




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

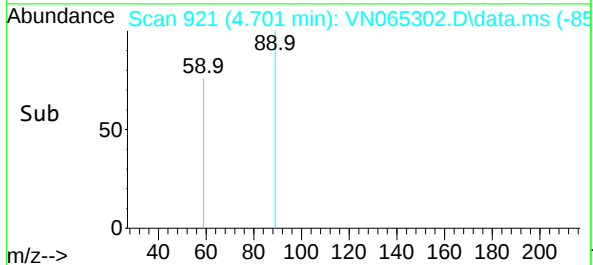
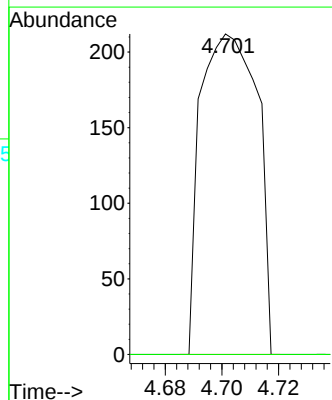
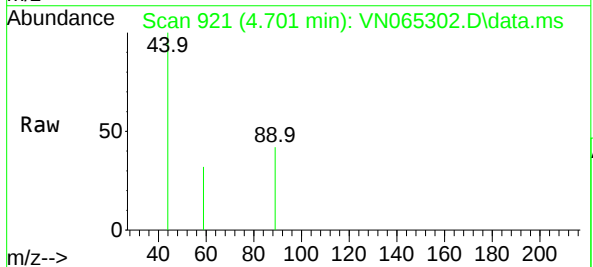
Instrument :
MSVOA_N
ClientSampleId :
16883

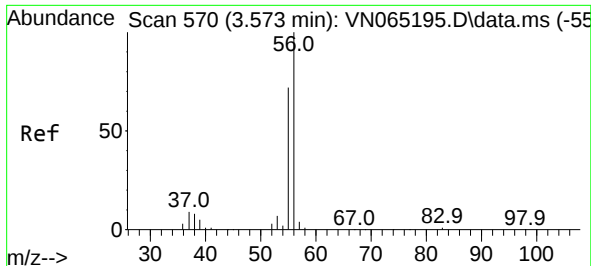
Tgt Ion:168 Resp: 223440
Ion Ratio Lower Upper
168 100
99 48.4 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.71 ug/l
RT: 4.701 min Scan# 921
Delta R.T. -0.071 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

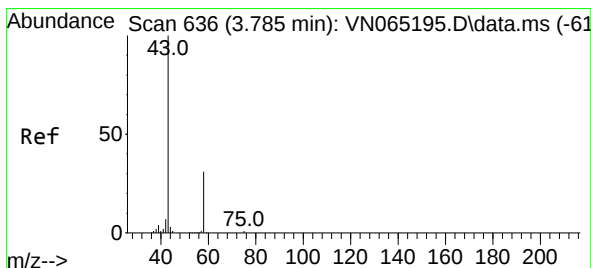
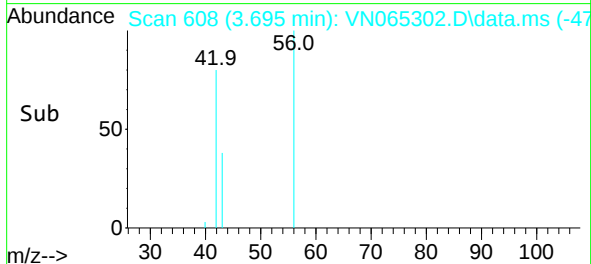
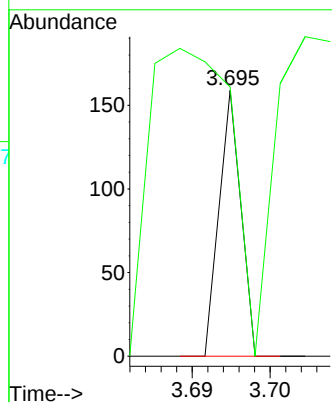
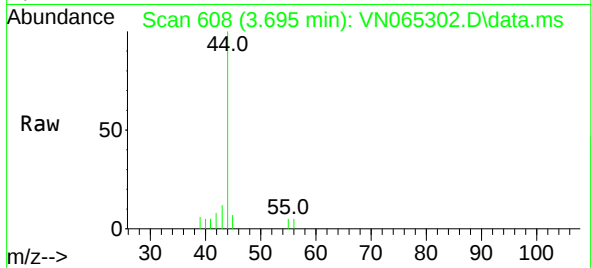




#13
Acrolein
Concen: 2.52 ug/l
RT: 3.695 min Scan# 608
Delta R.T. 0.122 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

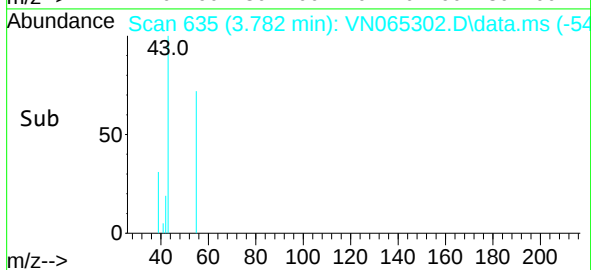
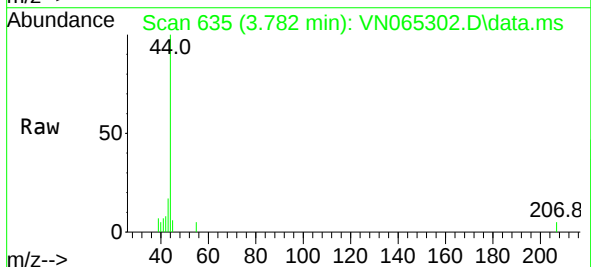
Instrument :
MSVOA_N
ClientSampled :
16883

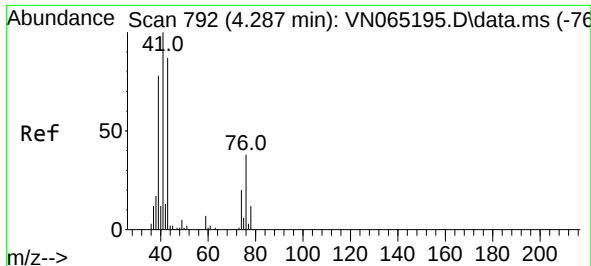
Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 432.3 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.782 min Scan# 635
Delta R.T. -0.003 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

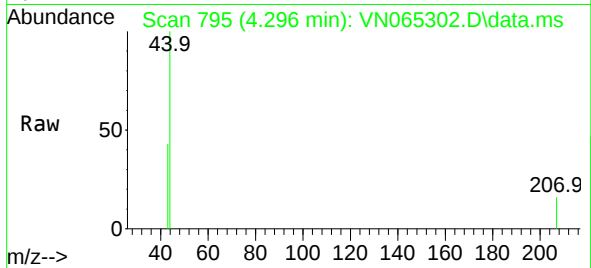
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



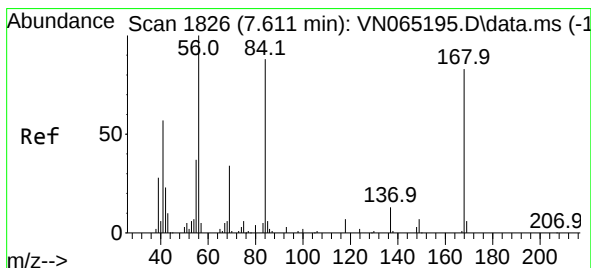
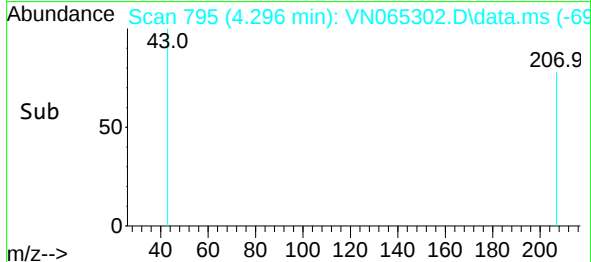
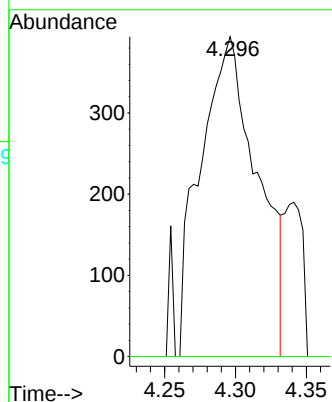


#18
Methyl Acetate
Concen: 0.49 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
16883

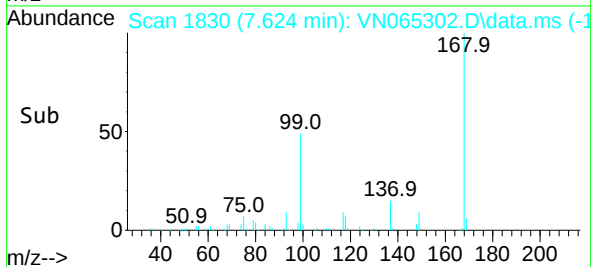
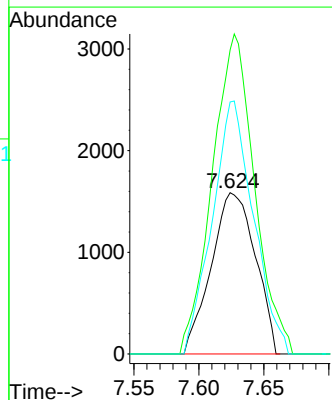
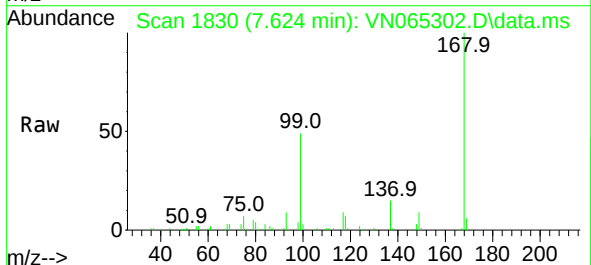


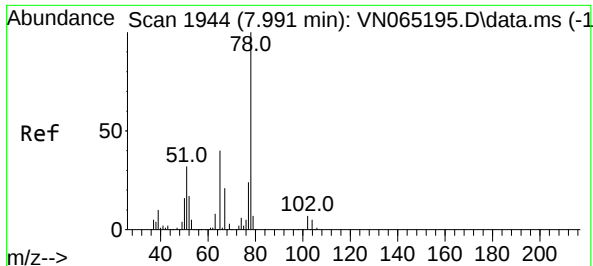
Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

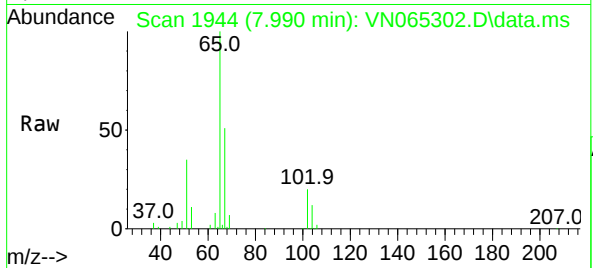
Tgt Ion: 56 Resp: 3750
Ion Ratio Lower Upper
56 100
69 188.4 27.5 41.3#
84 156.2 73.9 110.9#



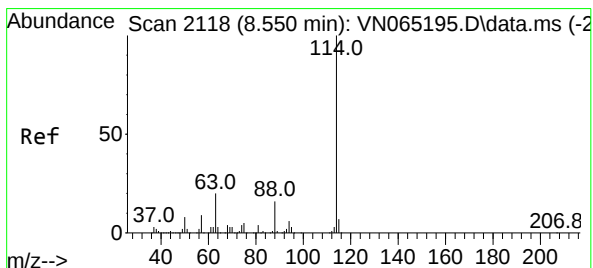
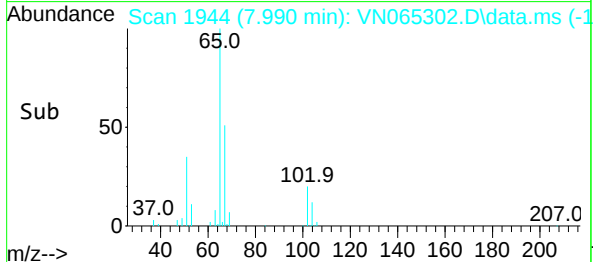
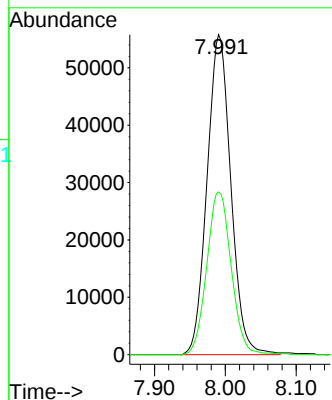


#33
1,2-Dichloroethane-d4
Concen: 51.57 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

Instrument :
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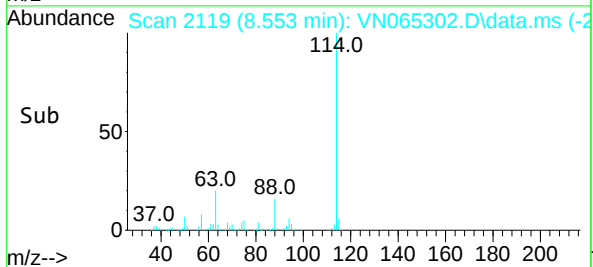
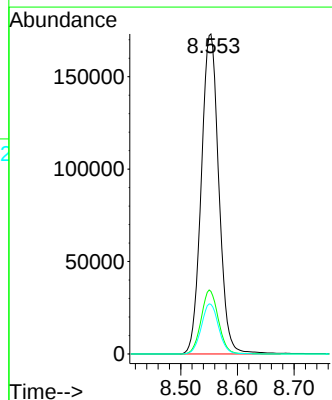
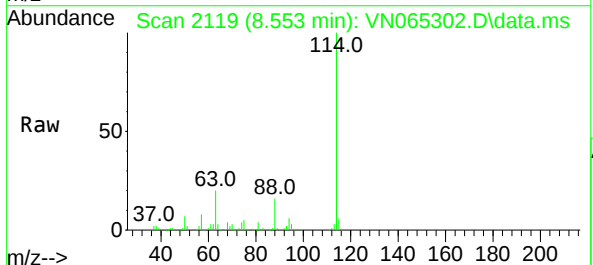


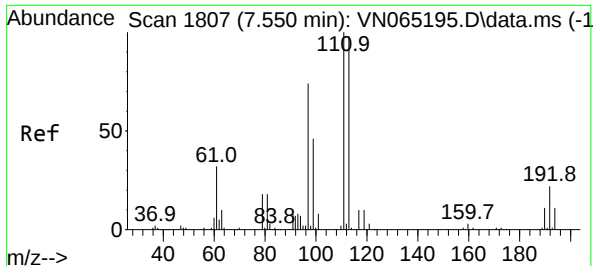
Tgt Ion: 65 Resp: 130080
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

Tgt Ion: 114 Resp: 371741
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 15.5 0.0 32.6

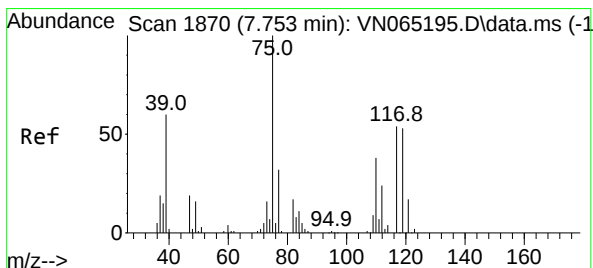
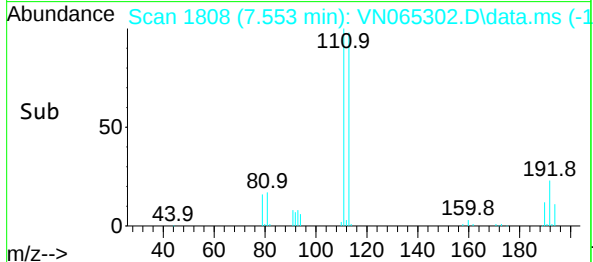
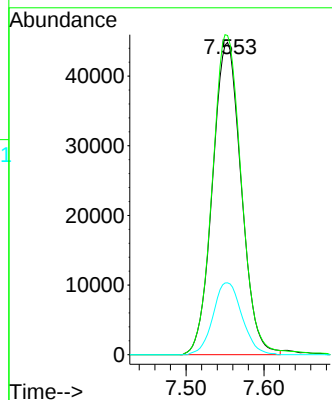
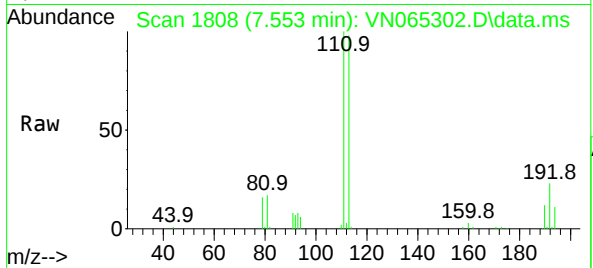




#35
Dibromofluoromethane
Concen: 51.18 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

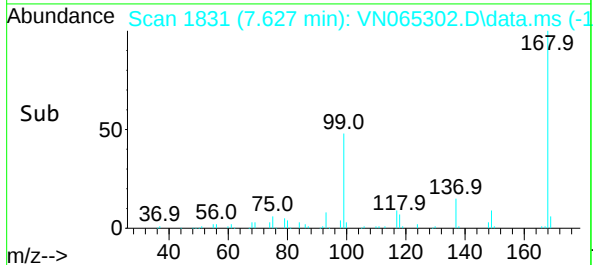
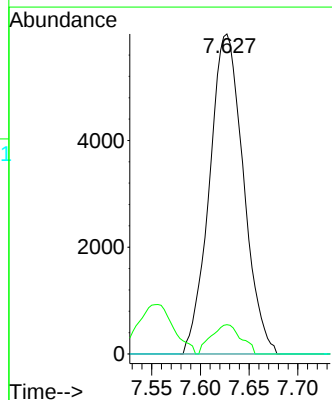
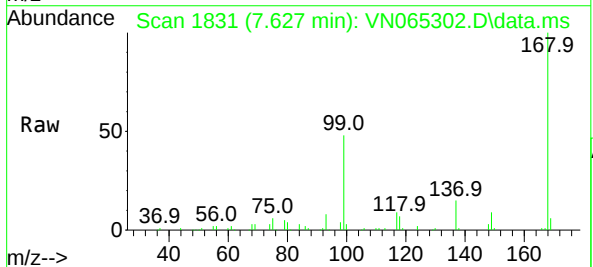
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ClientSampled :
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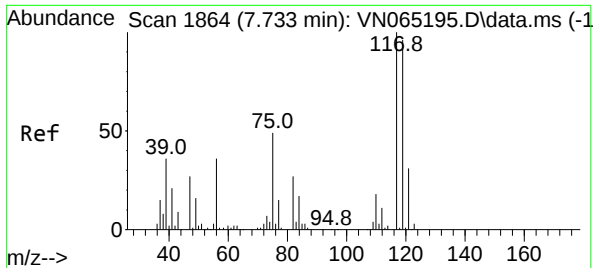
Tgt Ion:113 Resp: 114787
Ion Ratio Lower Upper
113 100
111 103.4 81.6 122.4
192 23.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

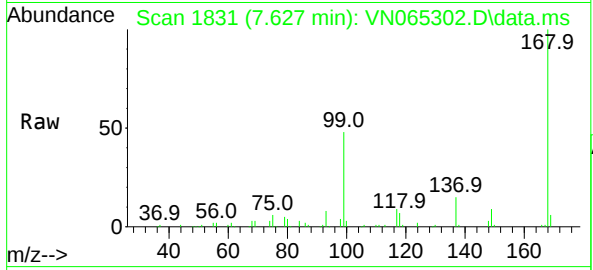
Tgt Ion: 75 Resp: 14544
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.3#
77 0.0 25.0 37.4#



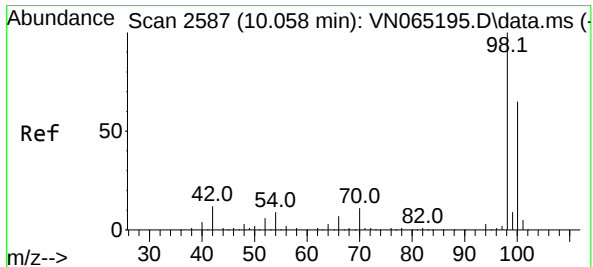
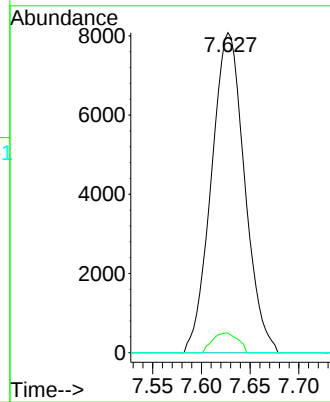
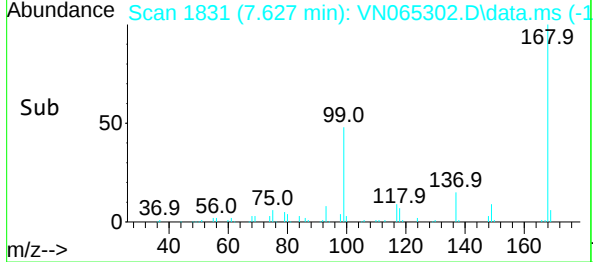


#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

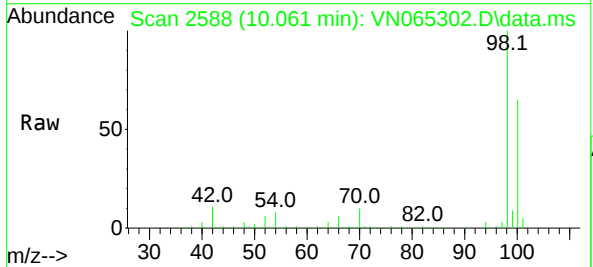
Instrument :
MSVOA_N
ClientSampleId :
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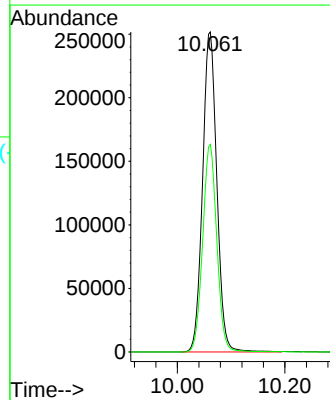
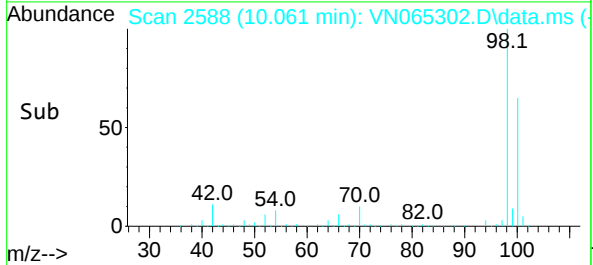
Tgt Ion:117 Resp: 19165
Ion Ratio Lower Upper
117 100
119 6.1 76.7 115.1#
121 0.0 25.4 38.2#

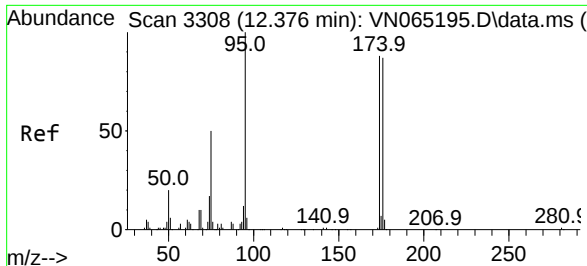


#50
Toluene-d8
Concen: 55.02 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07



Tgt Ion: 98 Resp: 462512
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

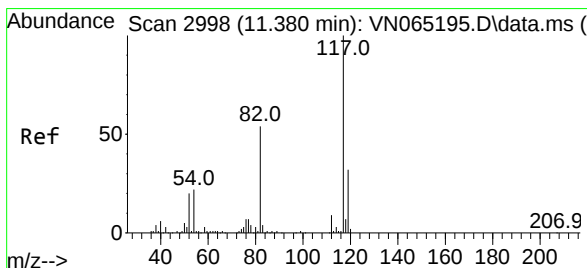
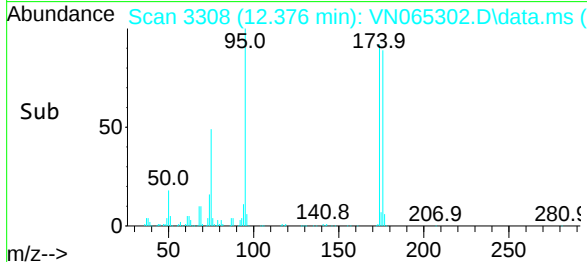
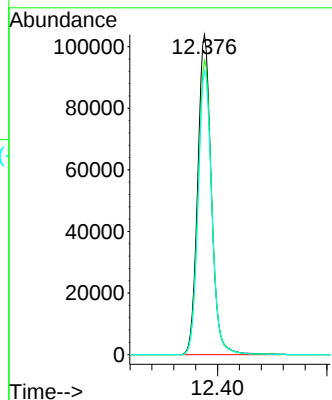
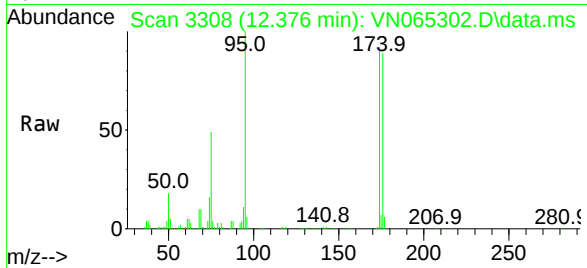




#62
4-Bromofluorobenzene
Concen: 53.68 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

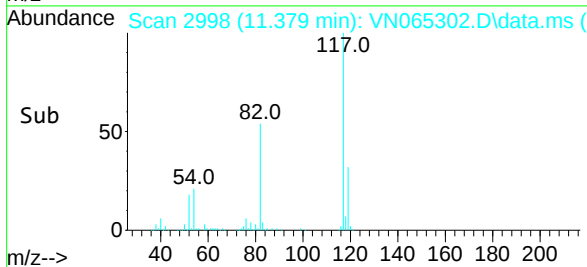
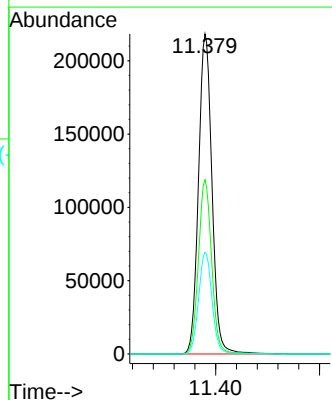
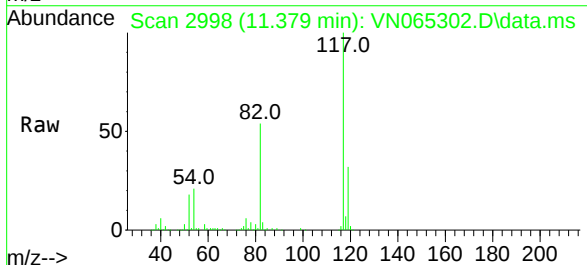
Instrument :
MSVOA_N
ClientSampleId :
16883

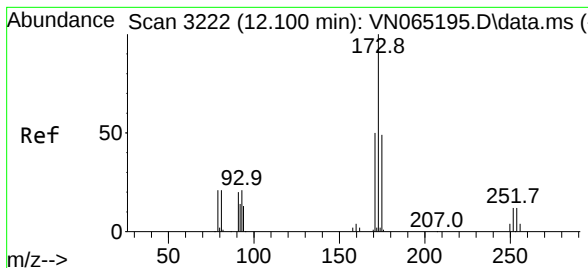
Tgt Ion: 95 Resp: 179860
Ion Ratio Lower Upper
95 100
174 92.6 0.0 160.4
176 89.1 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

Tgt Ion: 117 Resp: 392473
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.8 25.8 38.6





#71

Bromoform

Concen: 0.47 ug/l

RT: 12.373 min Scan# 3307

Delta R.T. 0.273 min

Lab File: VN065302.D

Acq: 29 Dec 2020 13:07

Tgt Ion:173 Resp: 1255

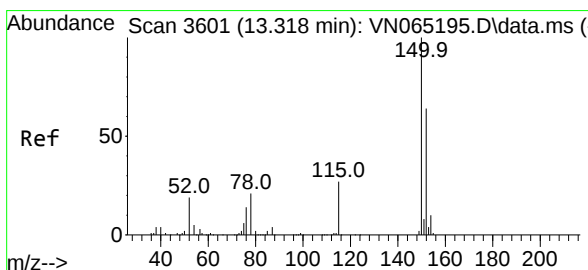
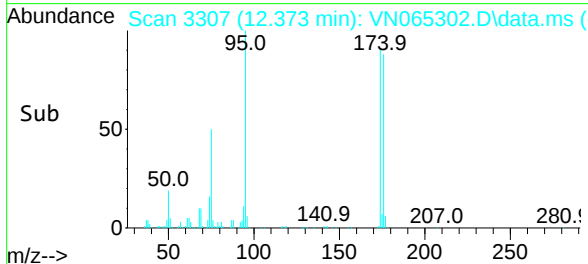
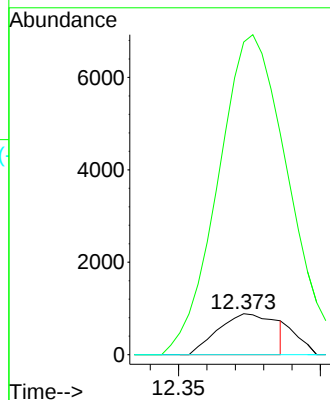
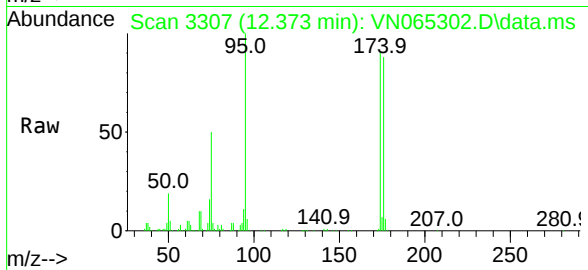
Ion	Ratio	Lower	Upper
173	100		
175	778.6	24.3	72.8#
254	0.0	0.0	0.0

Instrument :

MSVOA_N

ClientSampled :

16883



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.318 min Scan# 3601

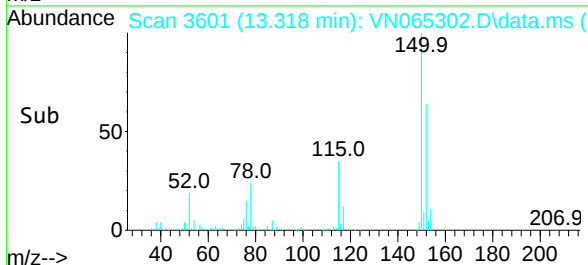
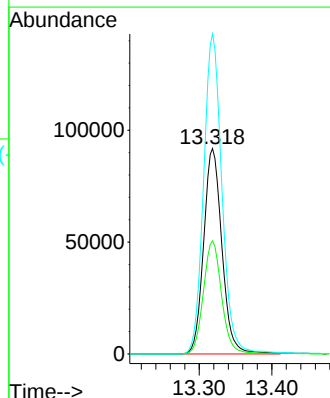
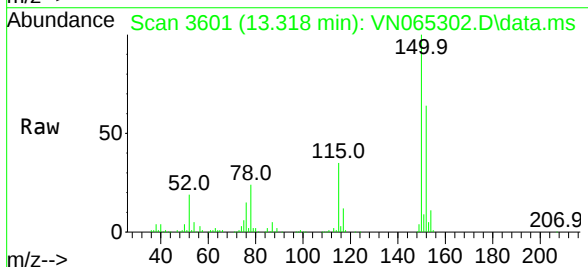
Delta R.T. 0.000 min

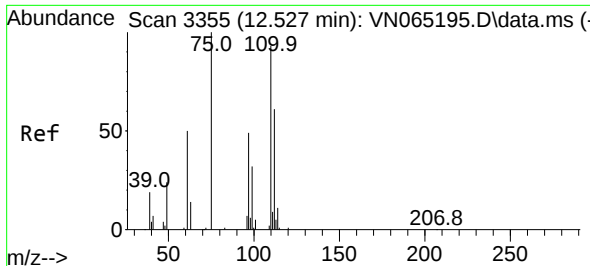
Lab File: VN065302.D

Acq: 29 Dec 2020 13:07

Tgt Ion:152 Resp: 161186

Ion	Ratio	Lower	Upper
152	100		
115	54.9	29.7	89.1
150	156.5	0.0	350.6

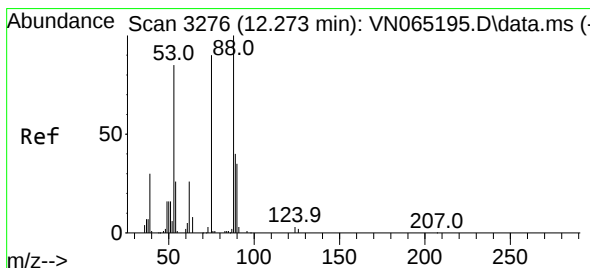
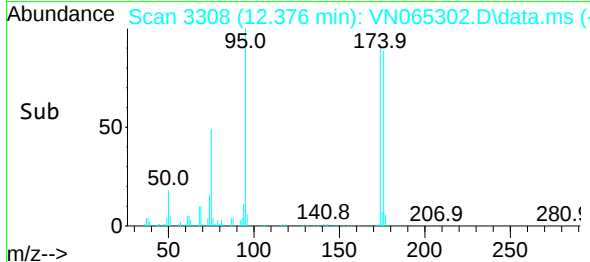
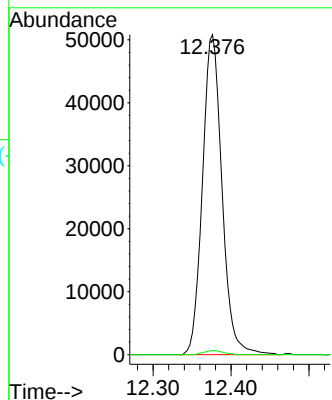
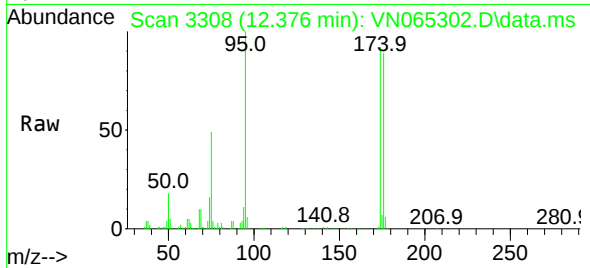




#76
1,2,3-Trichloropropane
Concen: 26.90 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
16883

Tgt Ion: 75 Resp: 88455
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.83 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065302.D
Acq: 29 Dec 2020 13:07

Tgt Ion: 75 Resp: 88455
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

