

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065688.D
 Acq On : 29 Jan 2021 19:44
 Operator : JC/MD
 Sample : M1255-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CRT-3

Quant Time: Jan 30 01:06:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

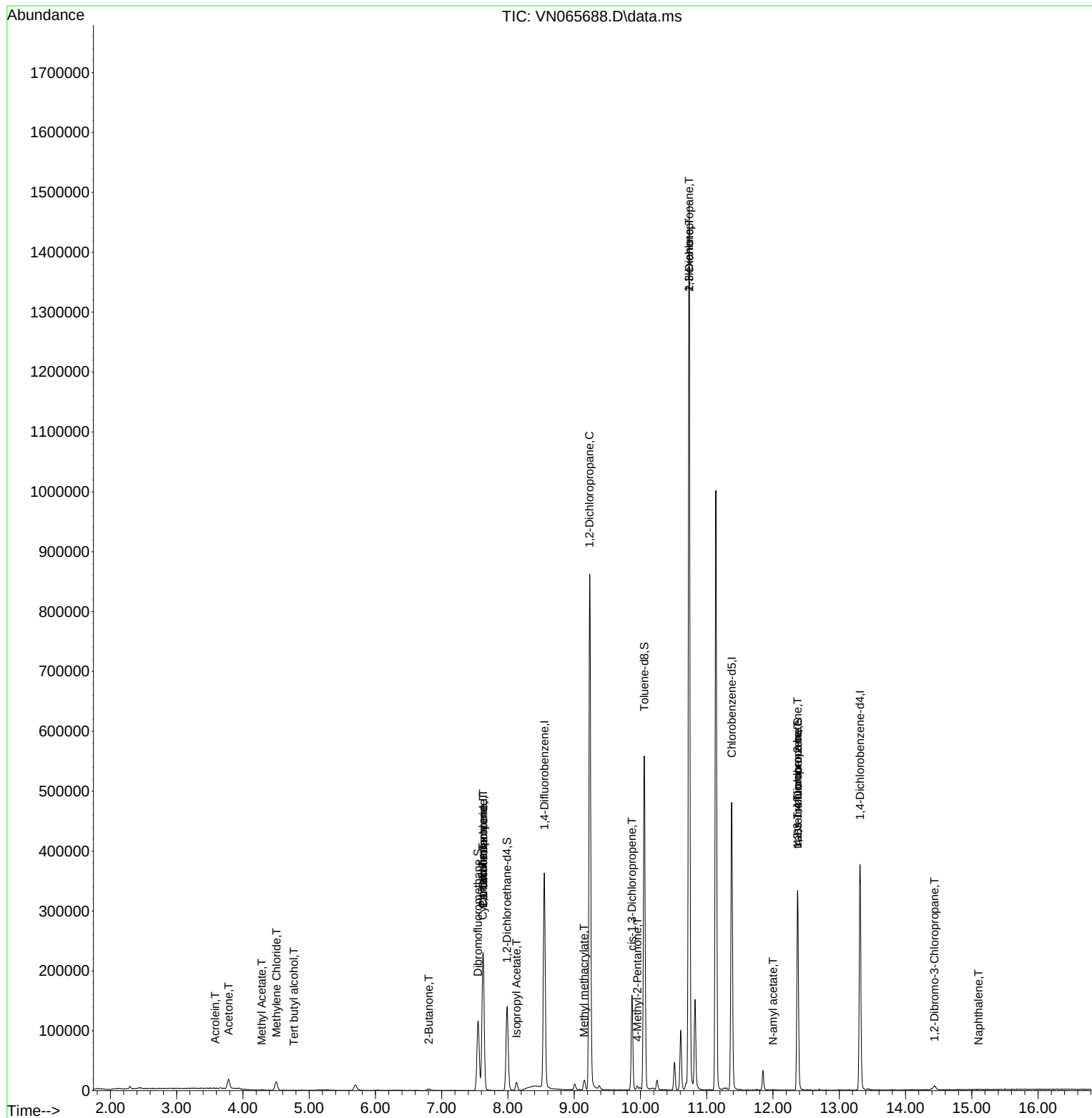
Internal Standards						
1) Pentafluorobenzene	7.624	168	189651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	329095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	288591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	108294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	118357	47.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.88%		
35) Dibromofluoromethane	7.547	113	95353	48.89	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.78%		
50) Toluene-d8	10.058	98	409157	53.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.74%		
62) 4-Bromofluorobenzene	12.373	95	136046	49.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.56%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.769	59	156	0.33	ug/l #	73
13) Acrolein	3.582	56	94	18.30	ug/l #	1
16) Acetone	3.782	43	25226	25.97	ug/l	99
18) Methyl Acetate	4.283	43	737	0.27	ug/l #	51
20) Methylene Chloride	4.505	84	10882	4.05	ug/l	96
25) 2-Butanone	6.804	43	3859	2.53	ug/l #	80
31) Cyclohexane	7.618	56	3700	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15239	4.60	ug/l #	47
38) Carbon Tetrachloride	7.624	117	18551	6.80	ug/l #	16
43) Isopropyl Acetate	8.129	43	16491	2.93	ug/l #	89
45) 1,2-Dichloropropane	9.232	63	1050	0.38	ug/l #	44
48) Methyl methacrylate	9.145	41	4428	1.66	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	4753	1.53	ug/l	100
54) cis-1,3-Dichloropropene	9.871	75	30819	7.20	ug/l #	56
57) 1,3-Dichloropropane	10.733	76	15319	3.81	ug/l #	43
59) 2-Hexanone	10.733	43	207536	96.25	ug/l #	50
74) N-amyl acetate	12.000	43	985	0.25	ug/l #	42
76) 1,2,3-Trichloropropane	12.370	75	62350	22.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	62350	56.40	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.437	75	132	0.24	ug/l #	1
95) Naphthalene	15.103	128	371	3.50	ug/l #	69

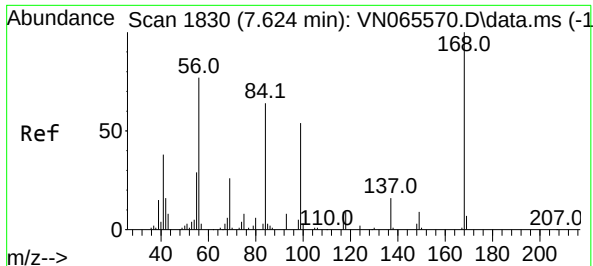
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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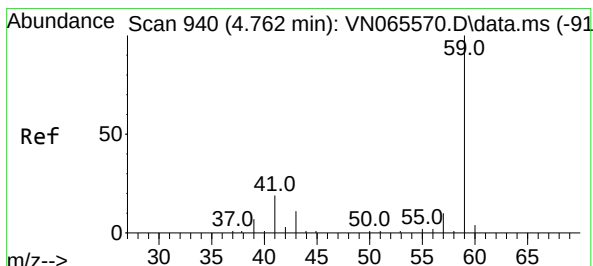
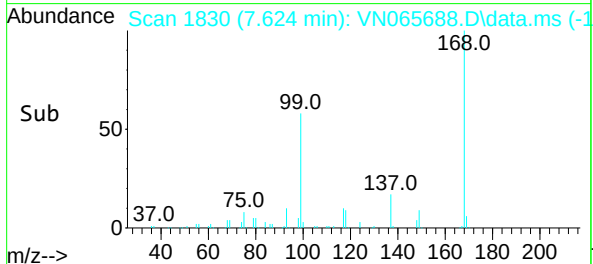
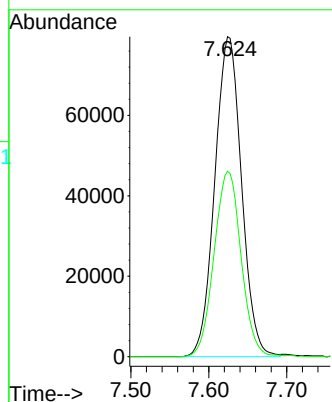
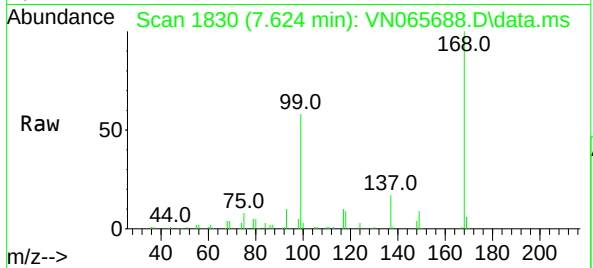




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

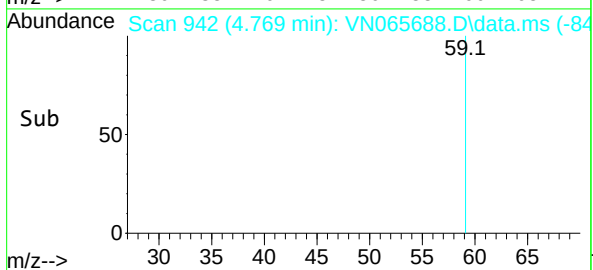
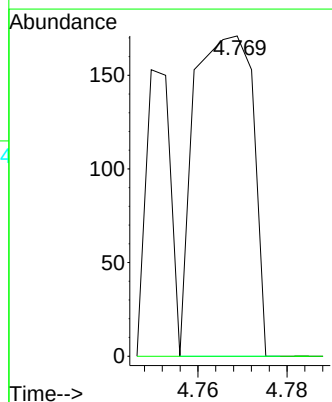
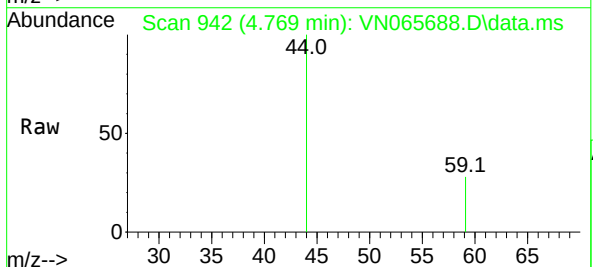
Instrument :
MSVOA_N
ClientSampled :
CRT-3

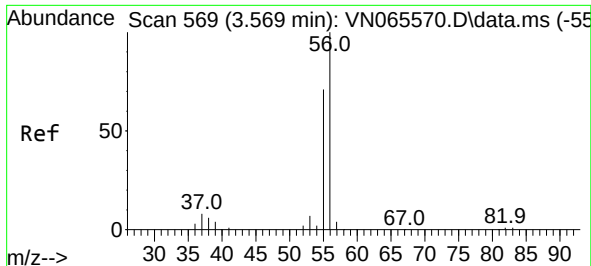
Tgt Ion:168 Resp: 189651
Ion Ratio Lower Upper
168 100
99 58.0 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.33 ug/l
RT: 4.769 min Scan# 942
Delta R.T. 0.007 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

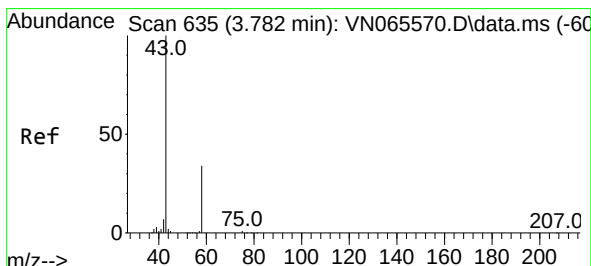
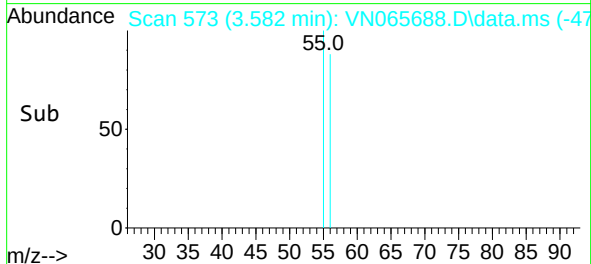
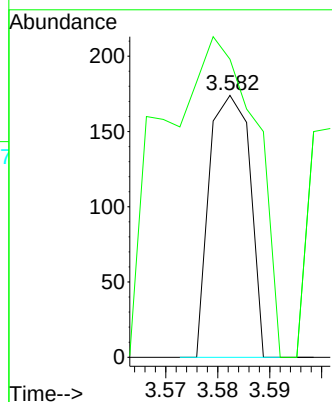
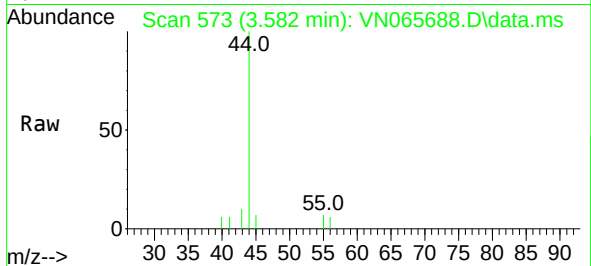




#13
Acrolein
Concen: 18.30 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.013 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

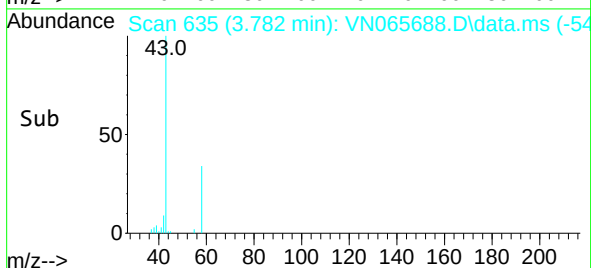
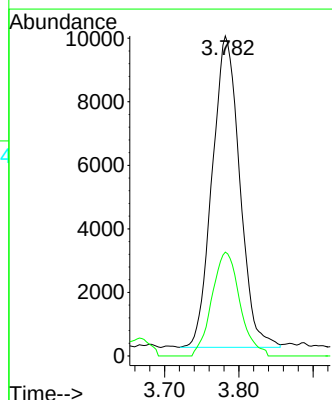
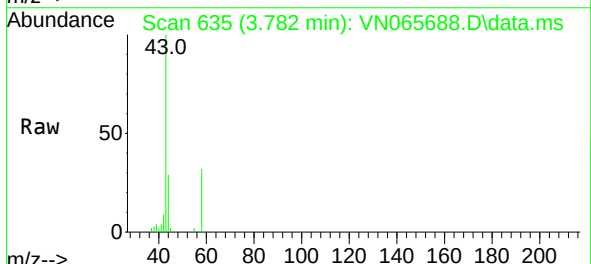
Instrument :
MSVOA_N
ClientSampled :
CRT-3

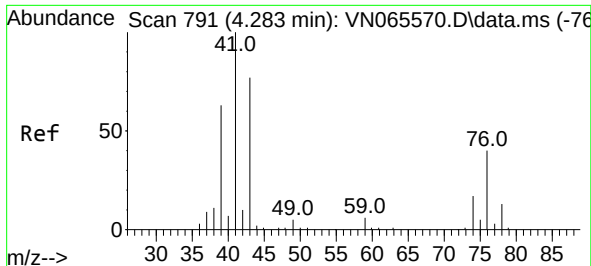
Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 283.0 56.0 84.0#



#16
Acetone
Concen: 25.97 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

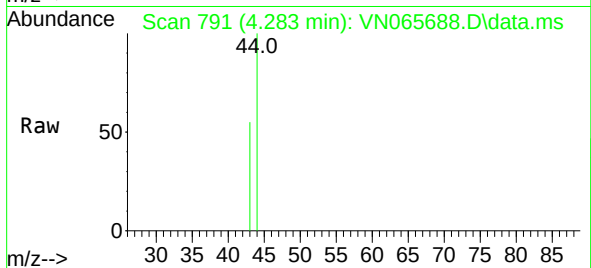
Tgt Ion: 43 Resp: 25226
Ion Ratio Lower Upper
43 100
58 33.4 27.0 40.6



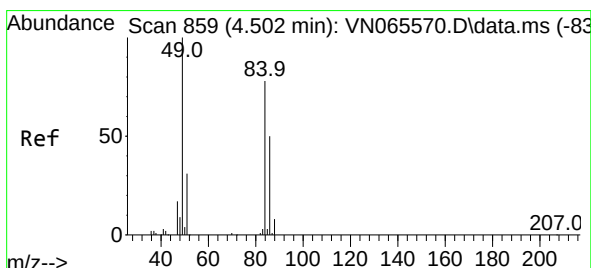
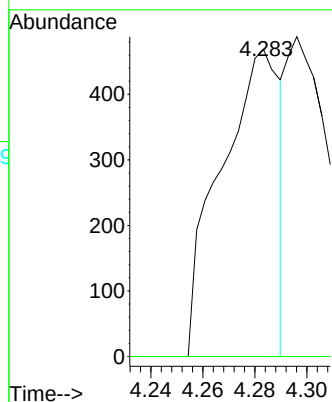
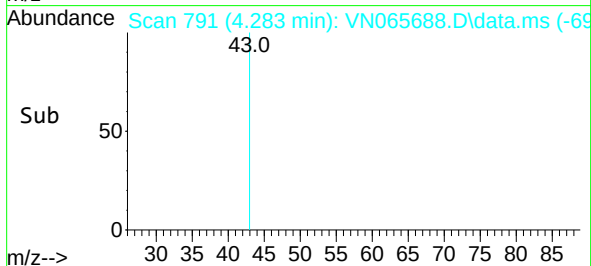


#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 4.283 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

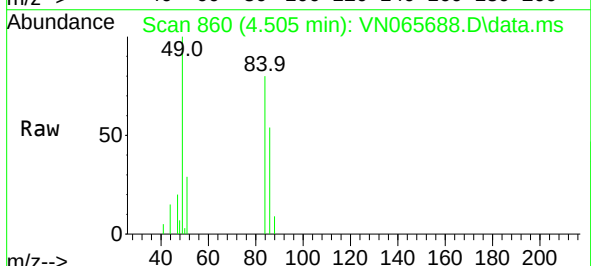
Instrument :
MSVOA_N
ClientSampled :
CRT-3



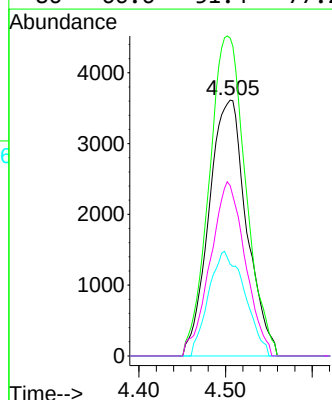
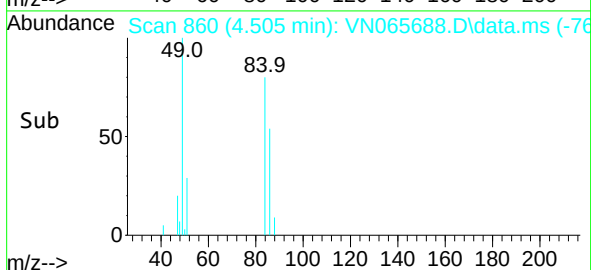
Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

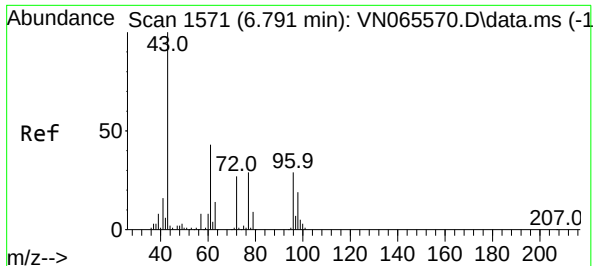


#20
Methylene Chloride
Concen: 4.05 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44



Tgt Ion: 84 Resp: 10882
Ion Ratio Lower Upper
84 100
49 124.2 94.6 141.8
51 35.9 29.9 44.9
86 66.6 51.4 77.2

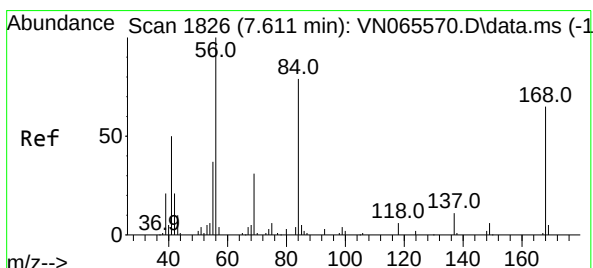
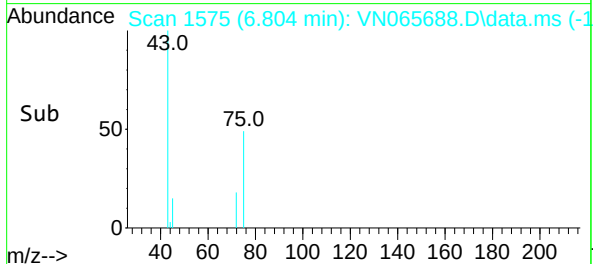
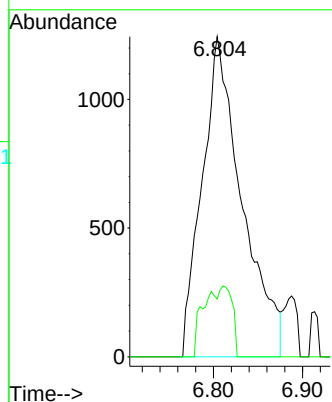
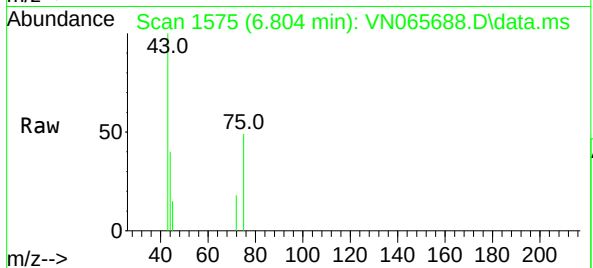




#25
2-Butanone
Concen: 2.53 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

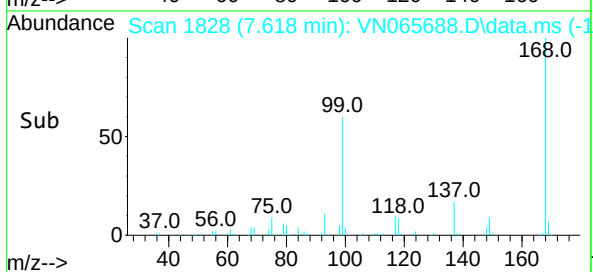
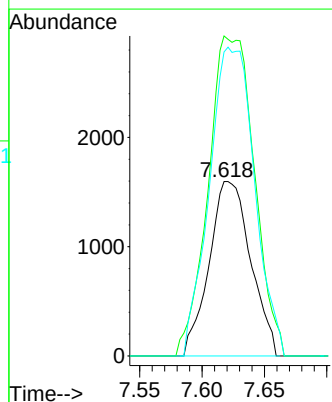
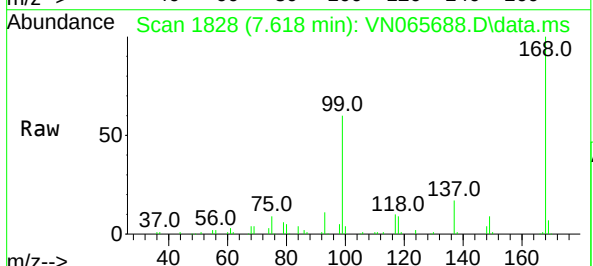
Instrument :
MSVOA_N
ClientSampled :
CRT-3

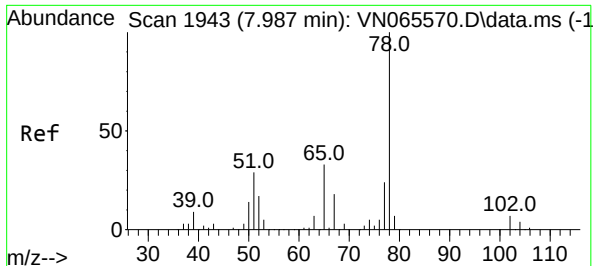
Tgt Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
72 18.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Tgt Ion: 56 Resp: 3700
Ion Ratio Lower Upper
56 100
69 174.0 26.6 39.8#
84 174.2 70.4 105.6#



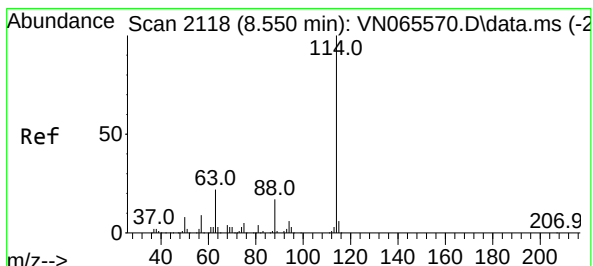
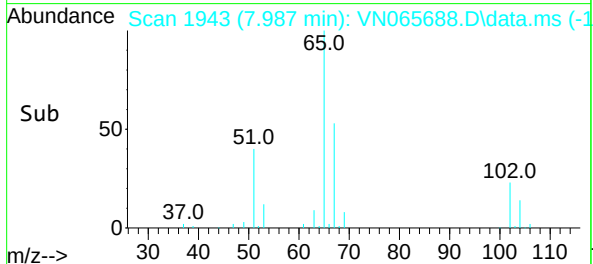
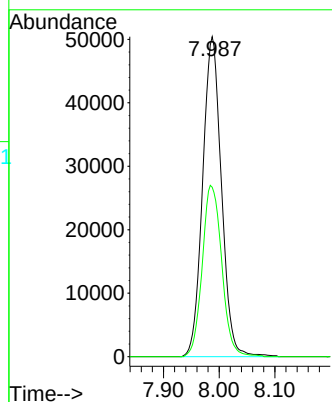
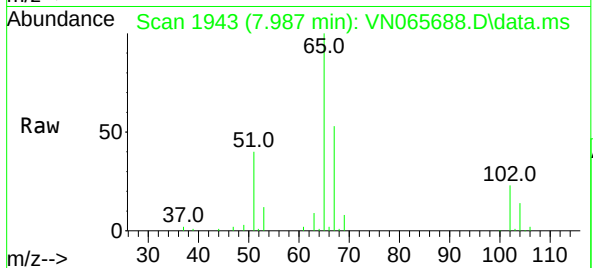


#33

1,2-Dichloroethane-d4
Concen: 47.44 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Instrument :
MSVOA_N
ClientSampled :
CRT-3

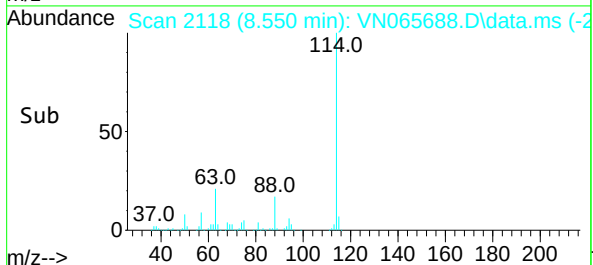
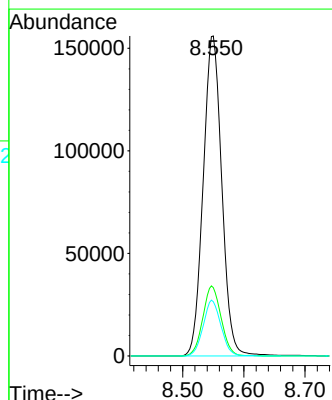
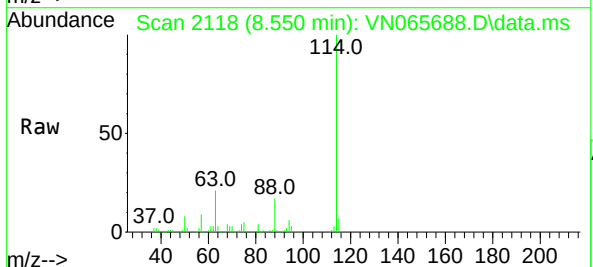
Tgt Ion: 65 Resp: 118357
Ion Ratio Lower Upper
65 100
67 55.6 0.0 107.2

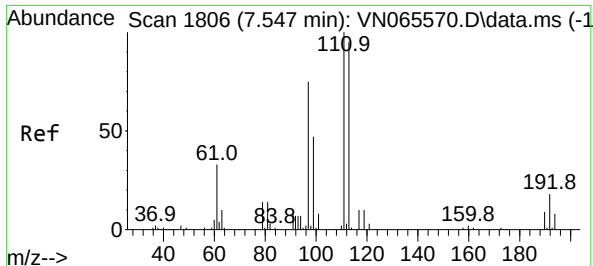


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Tgt Ion: 114 Resp: 329095
Ion Ratio Lower Upper
114 100
63 21.4 0.0 38.6
88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.89 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065688.D

Acq: 29 Jan 2021 19:44

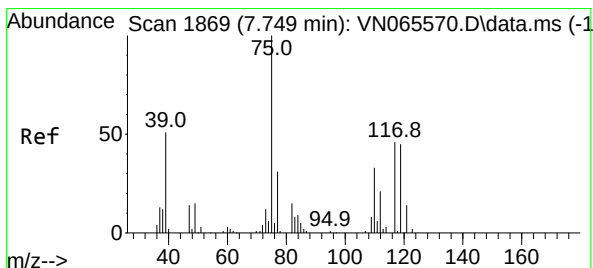
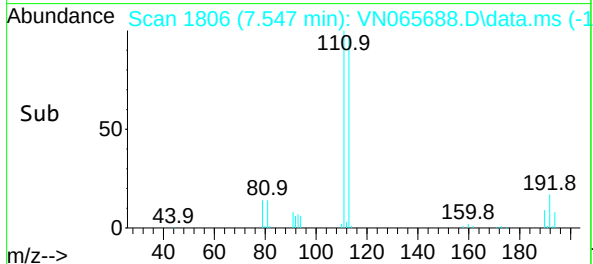
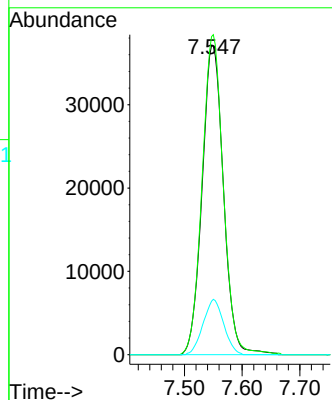
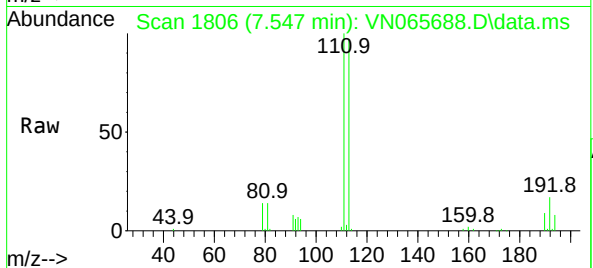
Tgt Ion:113 Resp: 95353

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

192 17.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.60 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065688.D

Acq: 29 Jan 2021 19:44

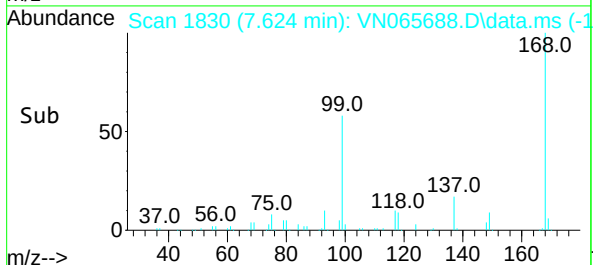
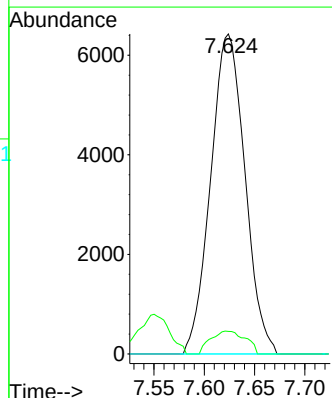
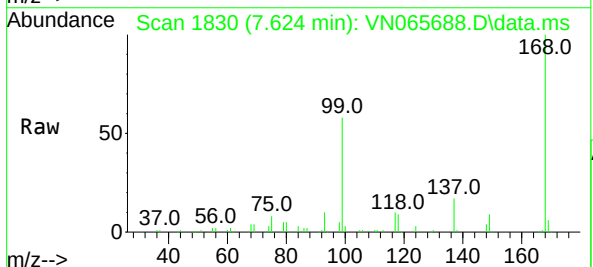
Tgt Ion: 75 Resp: 15239

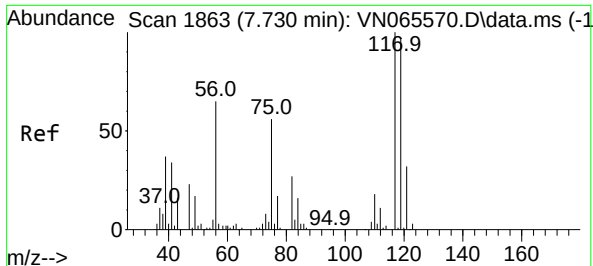
Ion Ratio Lower Upper

75 100

110 7.3 18.2 54.6#

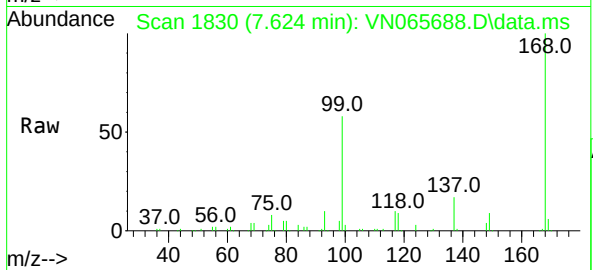
77 0.0 24.9 37.3#



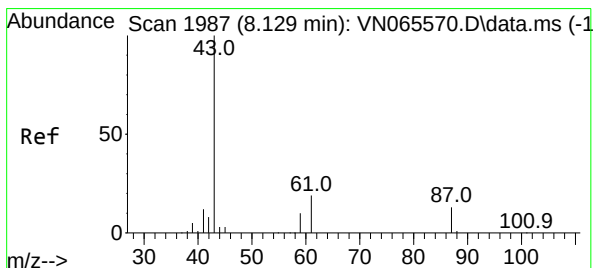
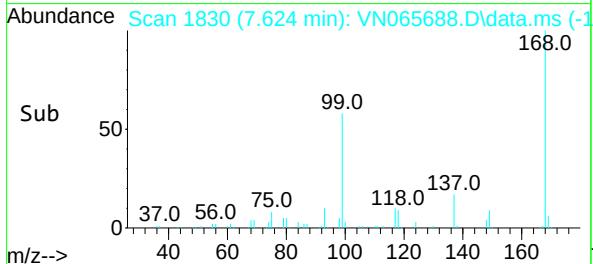
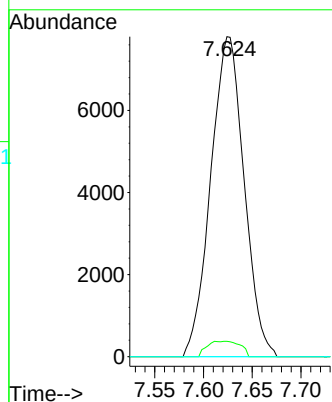


#38
Carbon Tetrachloride
Concen: 6.80 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Instrument :
MSVOA_N
ClientSampled :
CRT-3

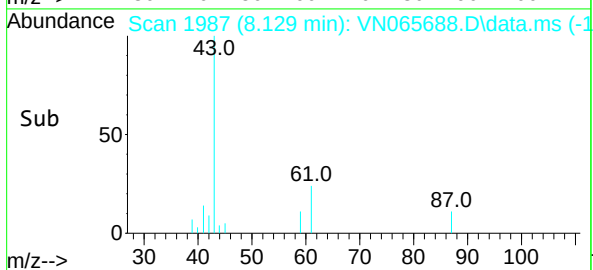
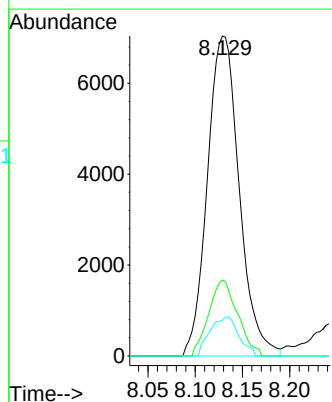
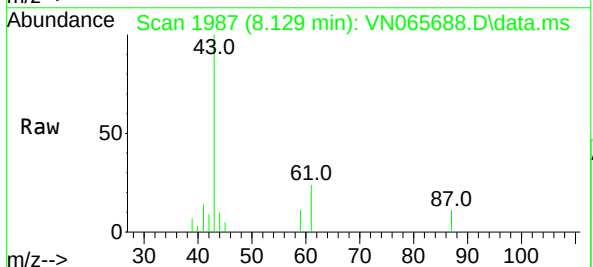


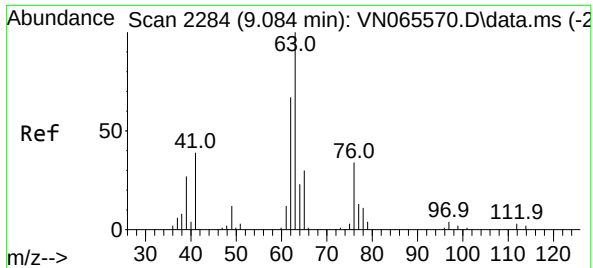
Tgt Ion:117 Resp: 18551
Ion Ratio Lower Upper
117 100
119 4.8 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.93 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Tgt Ion: 43 Resp: 16491
Ion Ratio Lower Upper
43 100
61 21.5 22.5 33.7#
87 11.0 11.1 16.7#

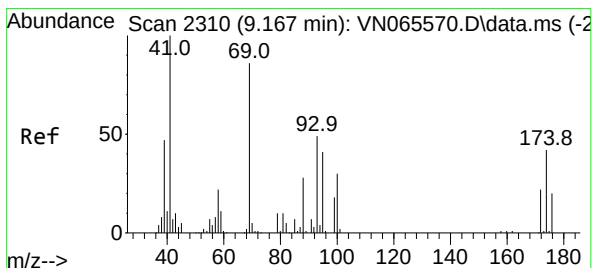
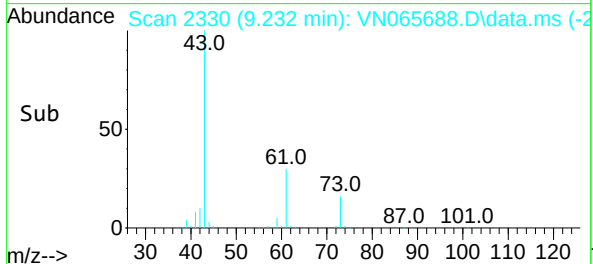
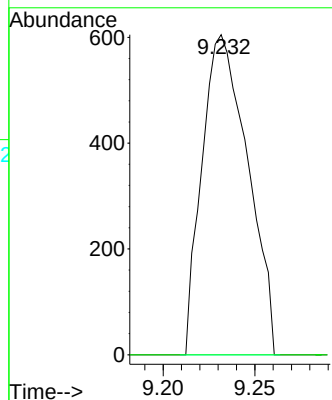
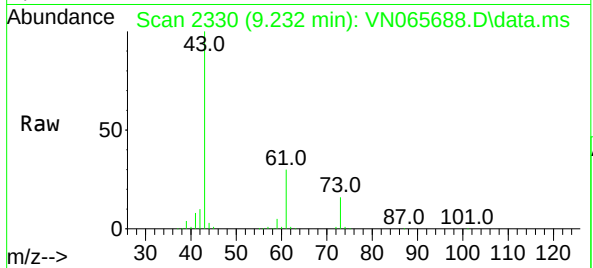




#45
1,2-Dichloropropane
Concen: 0.38 ug/l
RT: 9.232 min Scan# 2330
Delta R.T. 0.148 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

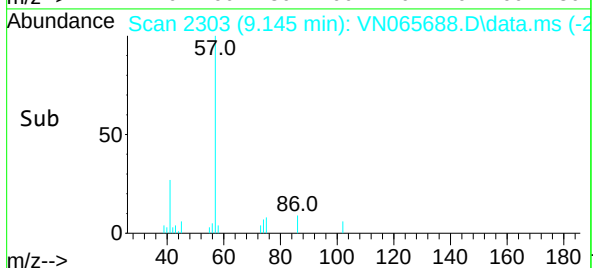
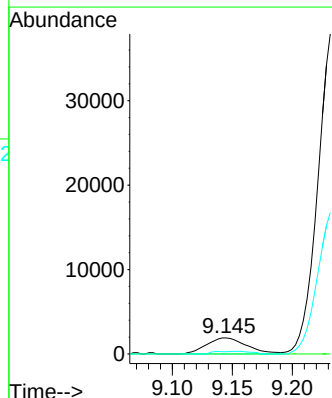
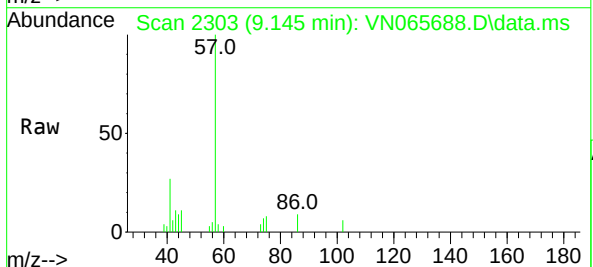
Instrument :
MSVOA_N
ClientSampled :
CRT-3

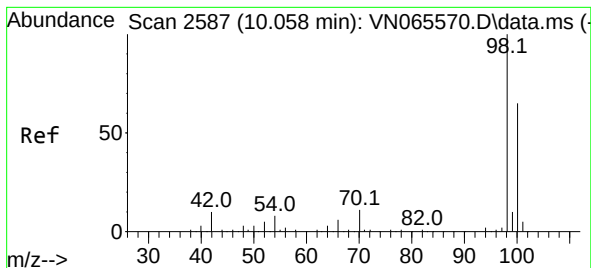
Tgt Ion: 63 Resp: 1050
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.66 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Tgt Ion: 41 Resp: 4428
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

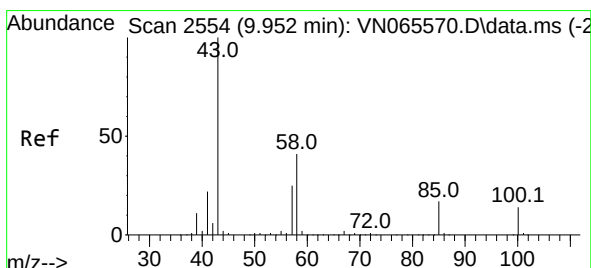
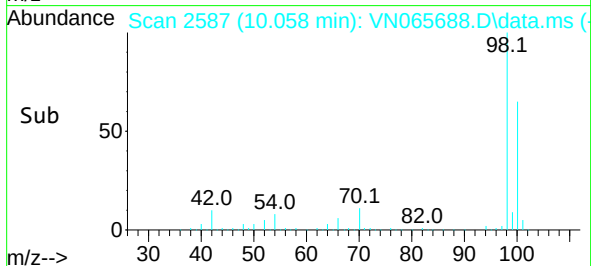
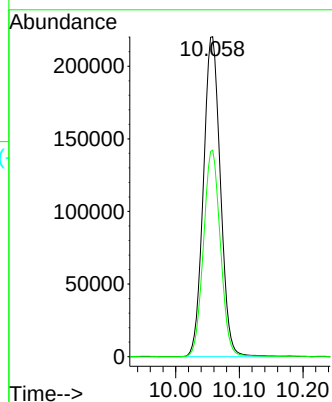
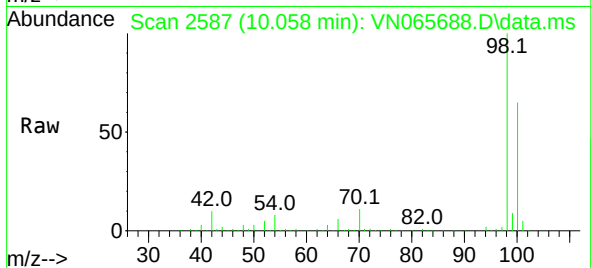




#50
Toluene-d8
Concen: 53.37 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

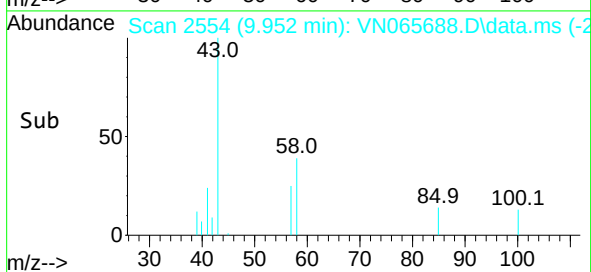
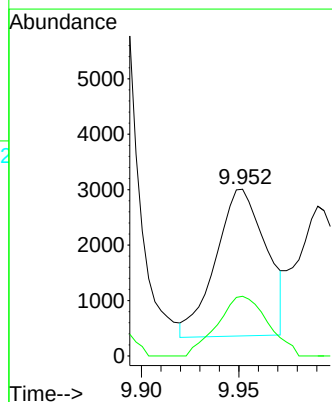
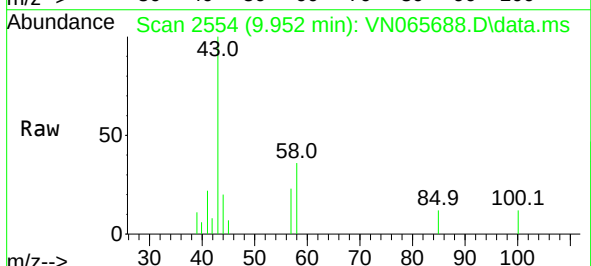
Instrument :
MSVOA_N
ClientSampled :
CRT-3

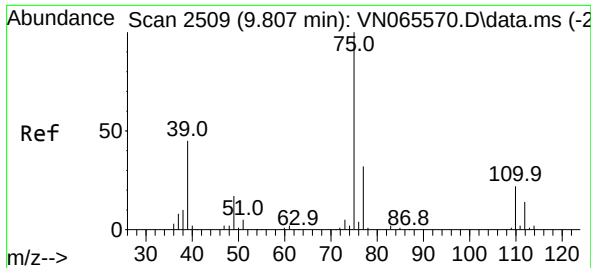
Tgt Ion: 98 Resp: 409157
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.53 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Tgt Ion: 43 Resp: 4753
Ion Ratio Lower Upper
43 100
58 40.9 32.5 48.7

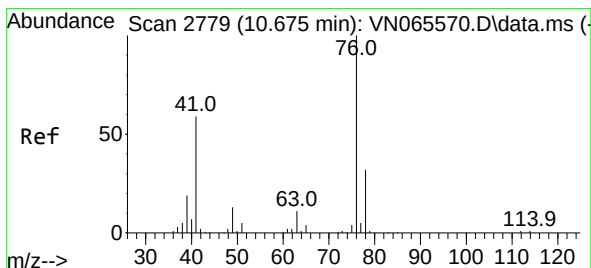
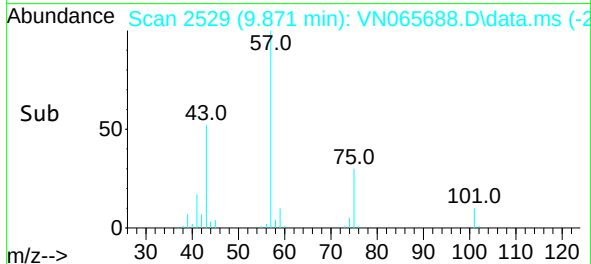
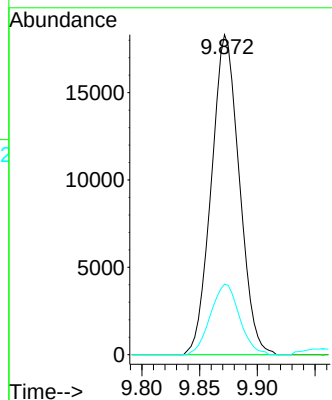
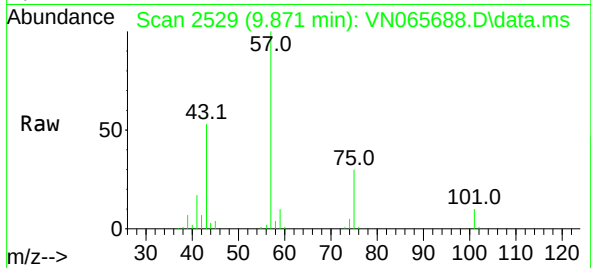




#54
cis-1,3-Dichloropropene
Concen: 7.20 ug/l
RT: 9.871 min Scan# 2529
Delta R.T. 0.064 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

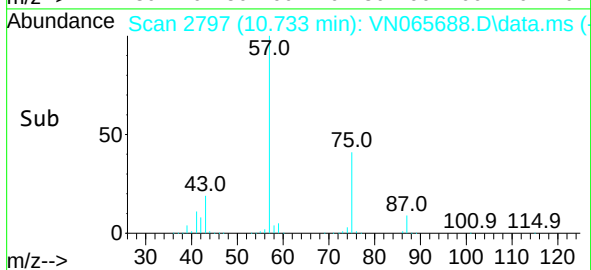
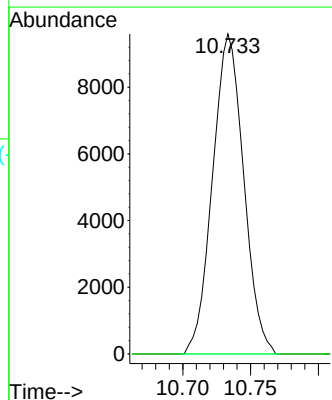
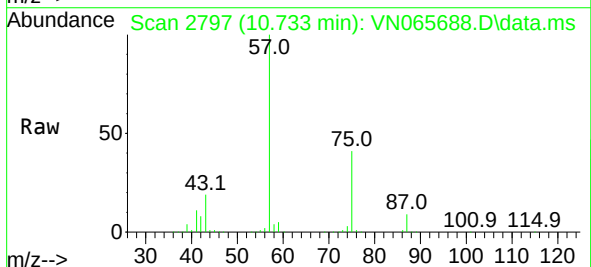
Instrument :
MSVOA_N
ClientSampled :
CRT-3

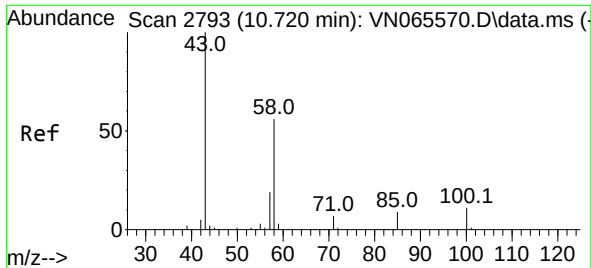
Tgt Ion: 75 Resp: 30819
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 22.1 36.2 54.4#



#57
1,3-Dichloropropane
Concen: 3.81 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Tgt Ion: 76 Resp: 15319
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

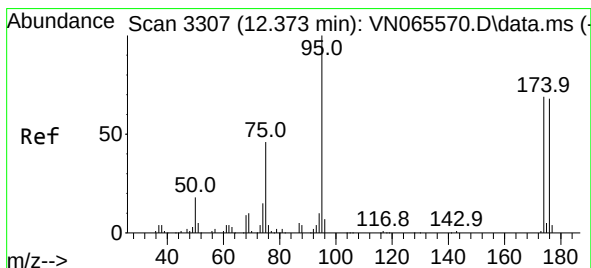
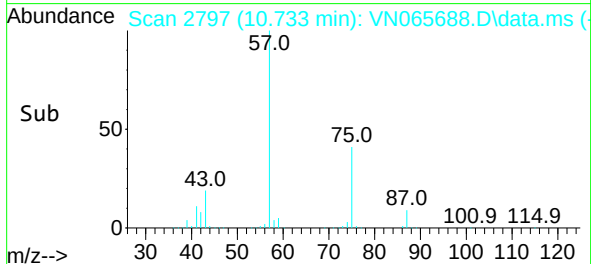
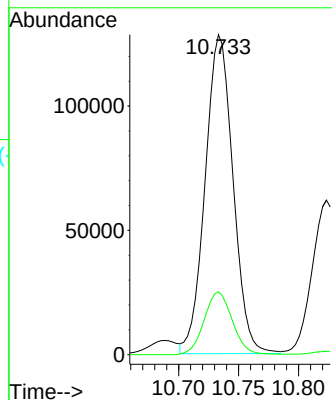
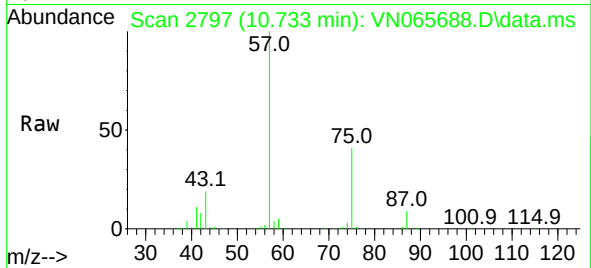




#59
2-Hexanone
Concen: 96.25 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

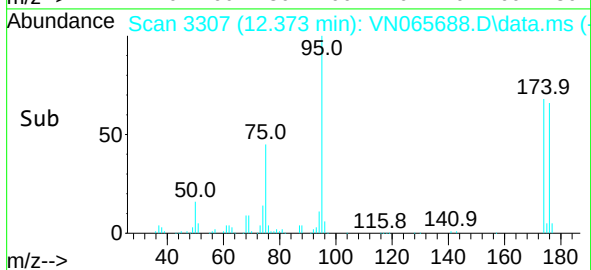
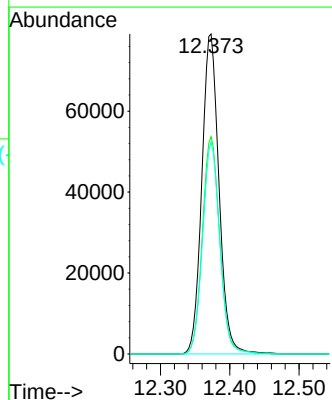
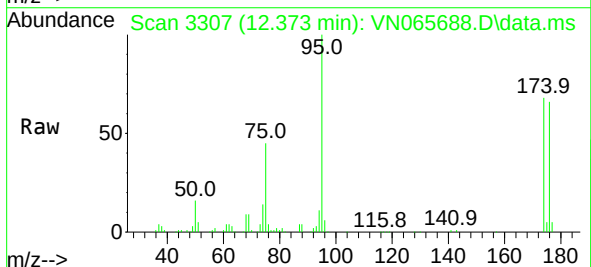
Instrument :
MSVOA_N
ClientSampled :
CRT-3

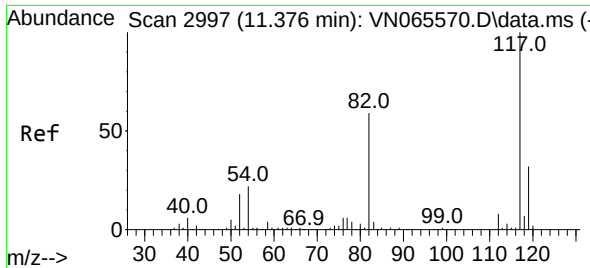
Tgt Ion: 43 Resp: 207536
Ion Ratio Lower Upper
43 100
58 20.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 49.28 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Tgt Ion: 95 Resp: 136046
Ion Ratio Lower Upper
95 100
174 68.7 0.0 169.0
176 66.0 0.0 162.4

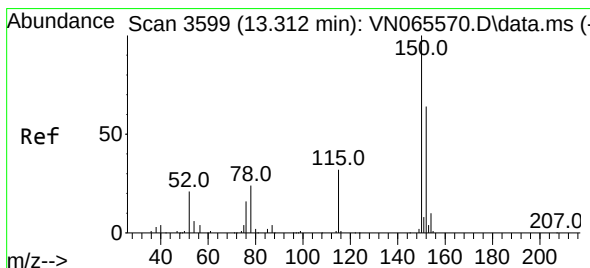
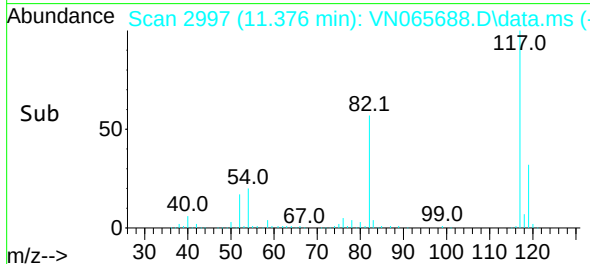
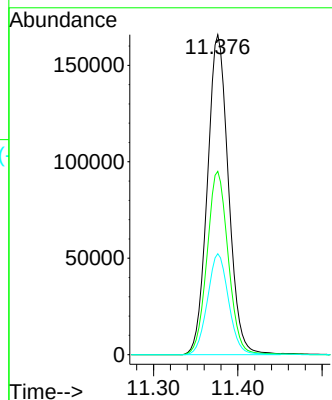
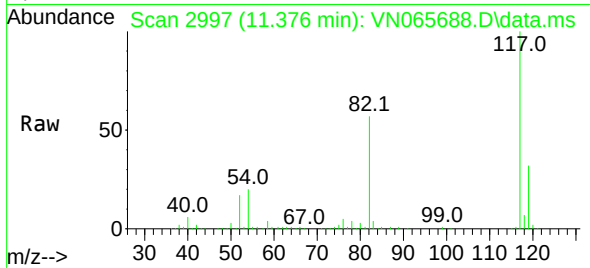




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

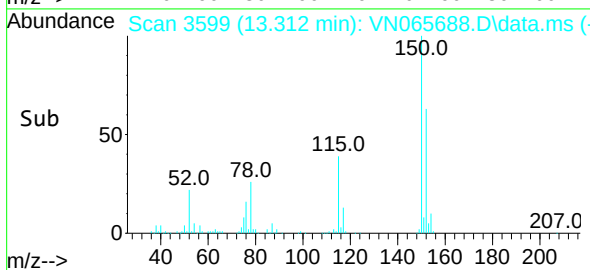
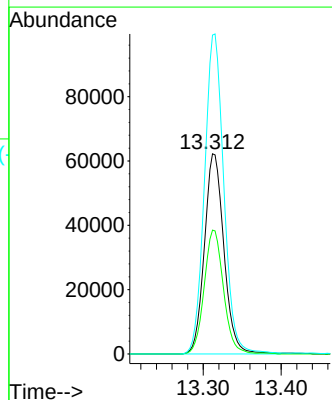
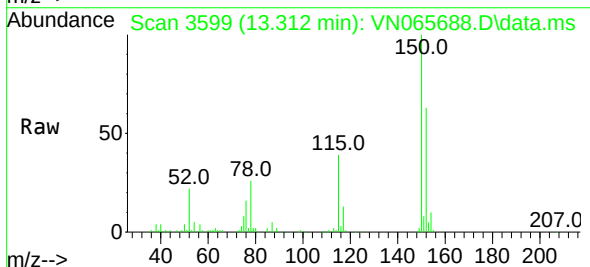
Instrument :
MSVOA_N
ClientSampled :
CRT-3

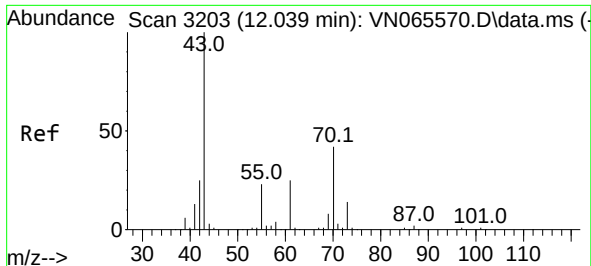
Tgt Ion:117 Resp: 288591
Ion Ratio Lower Upper
117 100
82 57.3 43.7 65.5
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Tgt Ion:152 Resp: 108294
Ion Ratio Lower Upper
152 100
115 61.0 28.5 85.6
150 158.6 0.0 347.6

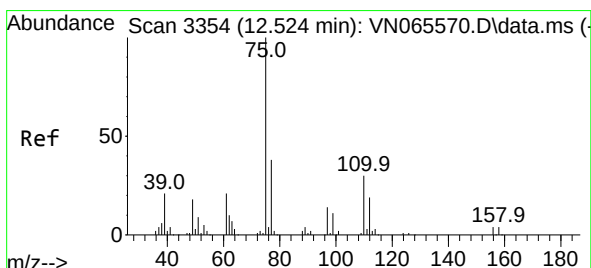
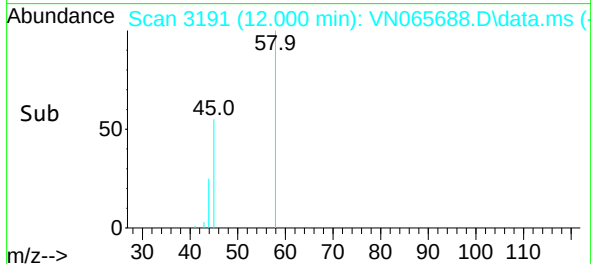
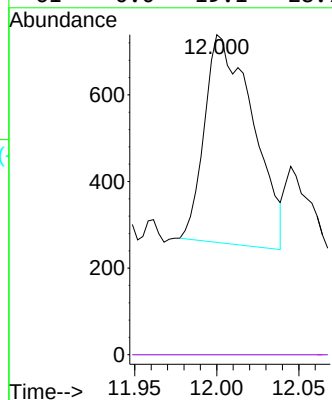
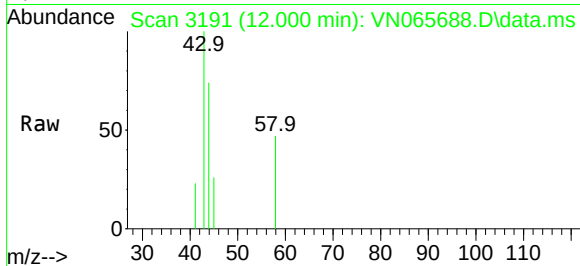




#74
N-amy1 acetate
Concen: 0.25 ug/l
RT: 12.000 min Scan# 3191
Delta R.T. -0.039 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

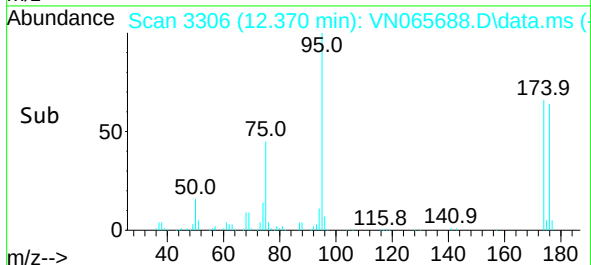
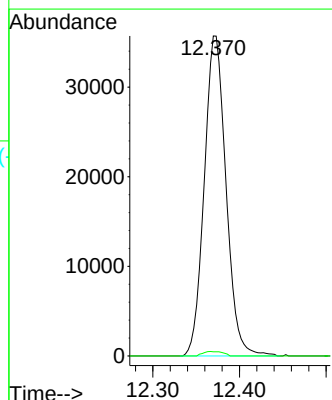
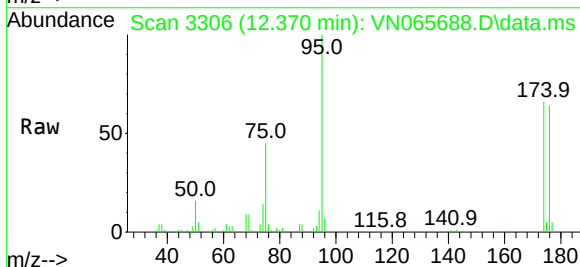
Instrument :
MSVOA_N
ClientSampled :
CRT-3

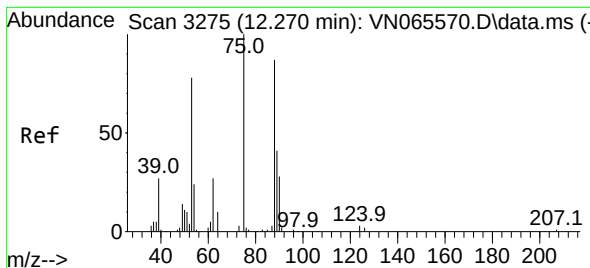
Tgt Ion: 43	Resp: 985
Ion Ratio	Lower Upper
43	100
70	0.0 34.4 51.6#
55	0.0 20.7 31.1#
61	0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 22.02 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Tgt Ion: 75	Resp: 62350
Ion Ratio	Lower Upper
75	100
77	1.3 0.0 0.0#

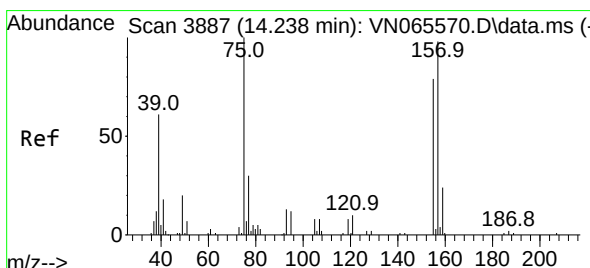
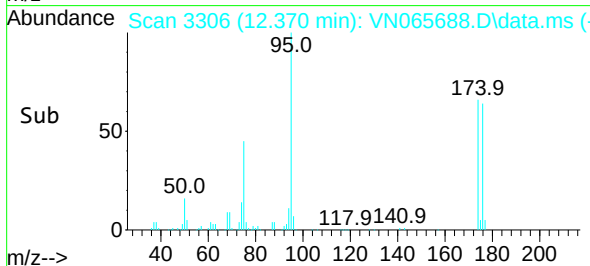
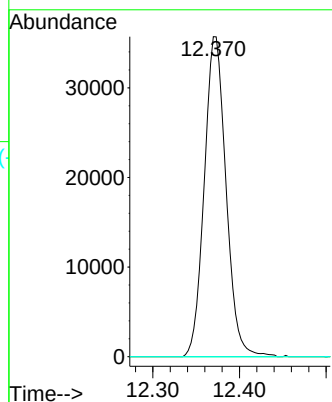
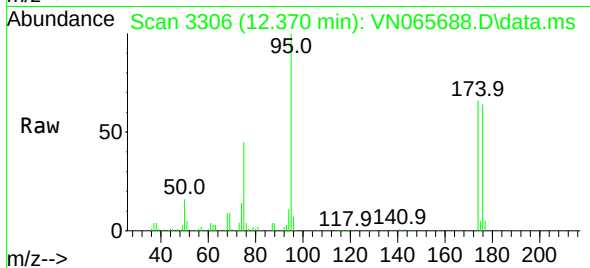




#81
trans-1,4-Dichloro-2-butene
Concen: 56.40 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

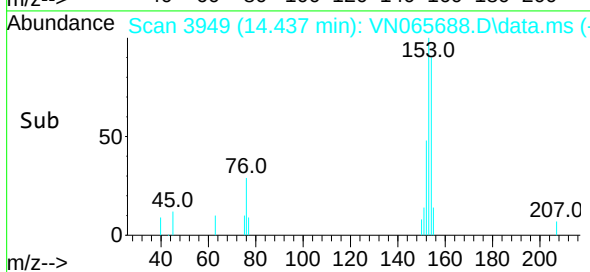
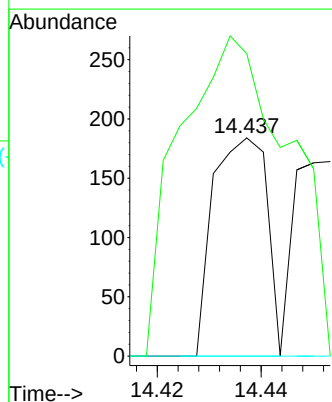
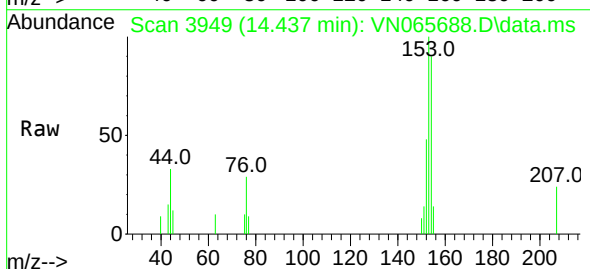
Instrument :
MSVOA_N
ClientSampled :
CRT-3

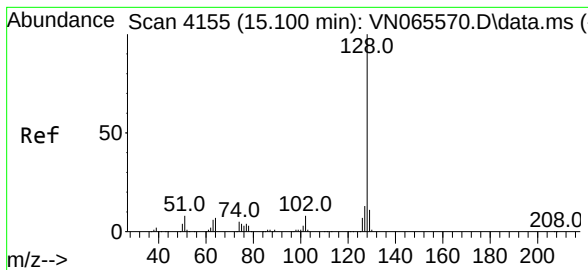
Tgt Ion: 75 Resp: 62350
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.24 ug/l
RT: 14.437 min Scan# 3949
Delta R.T. 0.199 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

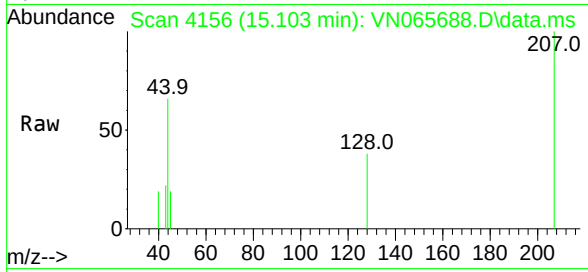
Tgt Ion: 75 Resp: 132
Ion Ratio Lower Upper
75 100
155 298.5 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.50 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065688.D
Acq: 29 Jan 2021 19:44

Instrument :
MSVOA_N
ClientSampleId :
CRT-3



Tgt Ion:128 Resp: 371
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

