

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065687.D
 Acq On : 29 Jan 2021 19:19
 Operator : JC/MD
 Sample : M1254-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

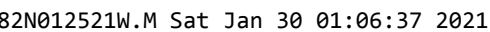
Instrument :
 MSVOA_N
 ClientSampleId :
 CRT-5

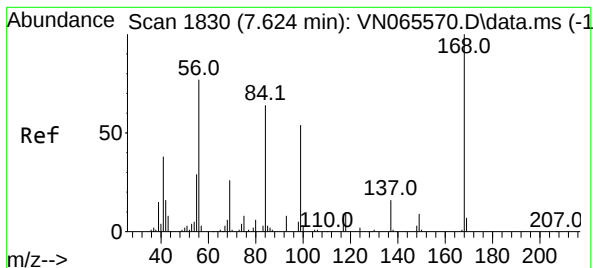
Quant Time: Jan 30 01:06:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.624	168	199850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	345521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	306732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	119393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	122709	46.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.34%		
35) Dibromofluoromethane	7.547	113	98914	48.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.62%		
50) Toluene-d8	10.058	98	431183	53.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.14%		
62) 4-Bromofluorobenzene	12.373	95	144956	50.01	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.02%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.763	59	191	0.39	ug/l #	73
13) Acrolein	3.563	56	96	18.30	ug/l #	1
16) Acetone	3.782	43	25949	25.35	ug/l	98
18) Methyl Acetate	4.283	43	1099	0.38	ug/l #	51
20) Methylene Chloride	4.499	84	10513	3.71	ug/l	97
25) 2-Butanone	6.807	43	4111	2.56	ug/l	95
31) Cyclohexane	7.621	56	4198	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15886	4.57	ug/l #	46
38) Carbon Tetrachloride	7.624	117	19097	6.67	ug/l #	16
43) Isopropyl Acetate	8.129	43	17280	2.92	ug/l #	90
45) 1,2-Dichloropropane	9.238	63	1162	0.40	ug/l #	44
48) Methyl methacrylate	9.145	41	4433	1.58	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	5069	1.55	ug/l	93
54) cis-1,3-Dichloropropene	9.872	75	31612	7.04	ug/l #	54
57) 1,3-Dichloropropane	10.733	76	17171	4.07	ug/l #	43
59) 2-Hexanone	10.733	43	220974	97.61	ug/l #	51
74) N-amyl acetate	12.007	43	1160	0.26	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	67073	21.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	67073	55.03	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.884	180	135	3.42	ug/l #	65
95) Naphthalene	15.103	128	2248	3.72	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.280	180	344	2.98	ug/l #	83

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

Quant Time: Jan 30 01:06:28 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

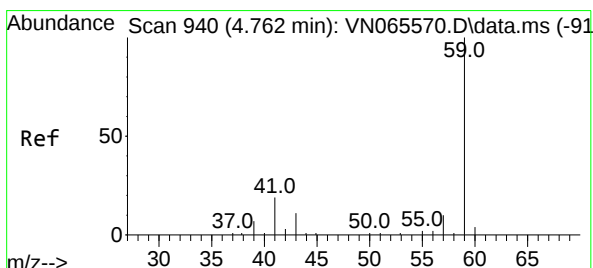
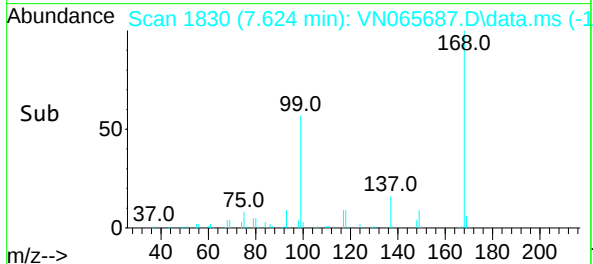
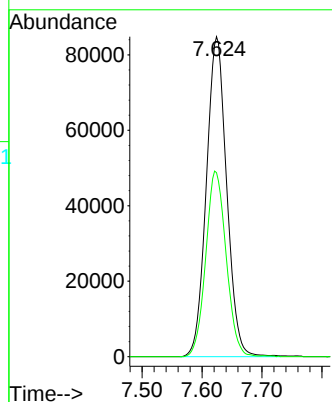
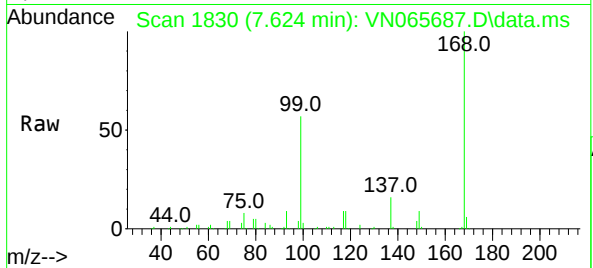




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

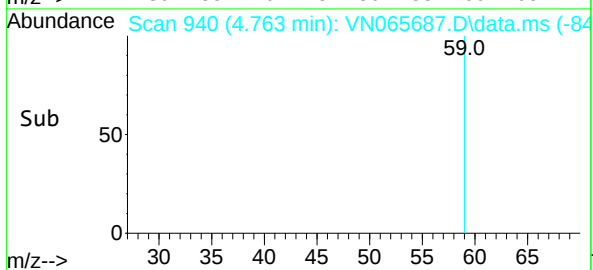
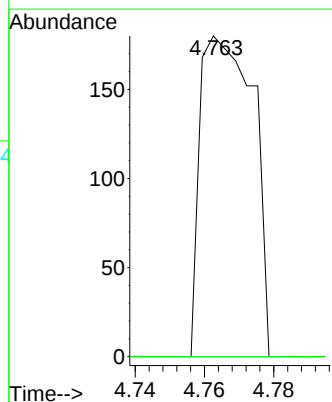
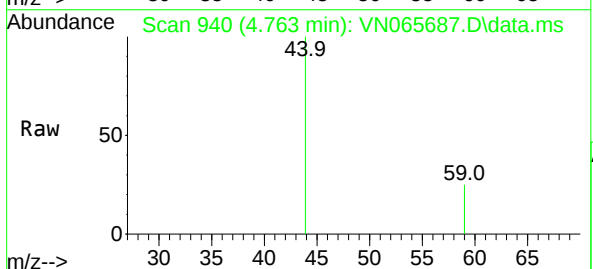
Instrument :
MSVOA_N
ClientSampled :
CRT-5

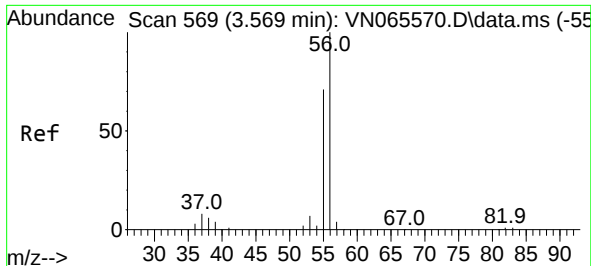
Tgt Ion:168 Resp: 199850
Ion Ratio Lower Upper
168 100
99 57.5 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.39 ug/l
RT: 4.763 min Scan# 940
Delta R.T. 0.001 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion: 59 Resp: 191
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

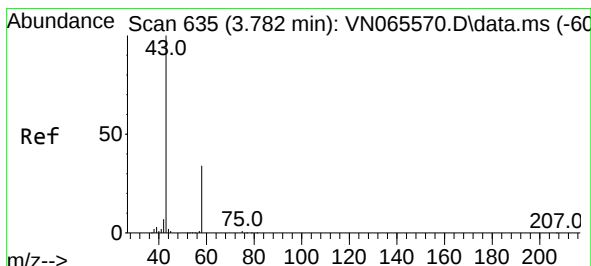
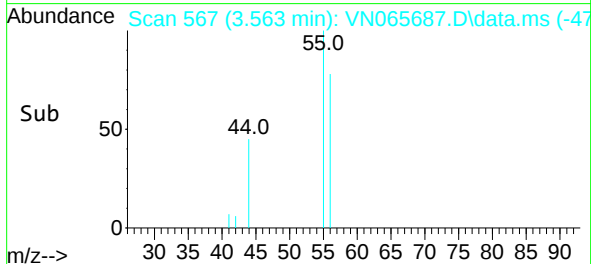
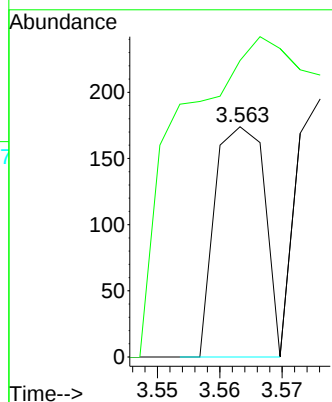
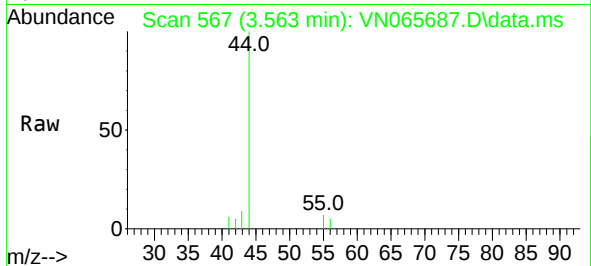




#13
Acrolein
Concen: 18.30 ug/l
RT: 3.563 min Scan# 567
Delta R.T. -0.006 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

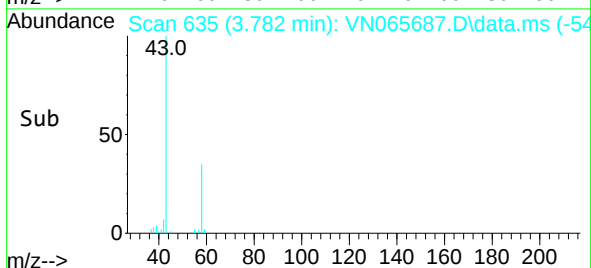
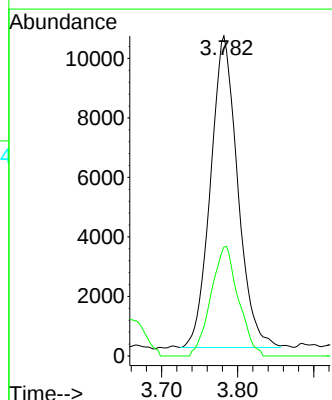
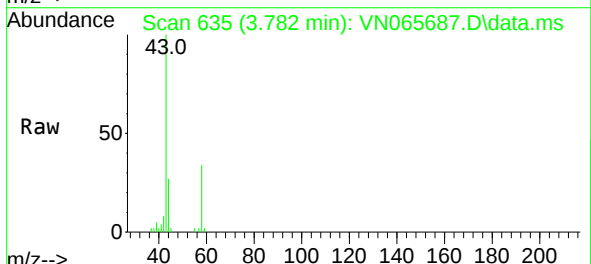
Instrument :
MSVOA_N
ClientSampled :
CRT-5

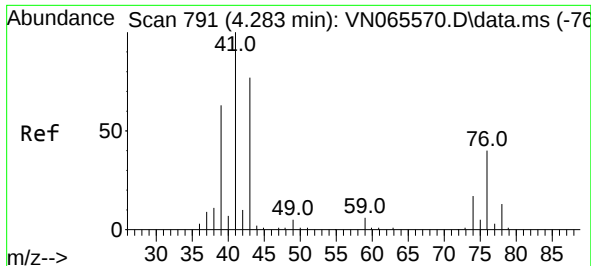
Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 376.0 56.0 84.0#



#16
Acetone
Concen: 25.35 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion: 43 Resp: 25949
Ion Ratio Lower Upper
43 100
58 35.0 27.0 40.6





#18

Methyl Acetate

Concen: 0.38 ug/l

RT: 4.283 min Scan# 791

Delta R.T. 0.000 min

Lab File: VN065687.D

Acq: 29 Jan 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

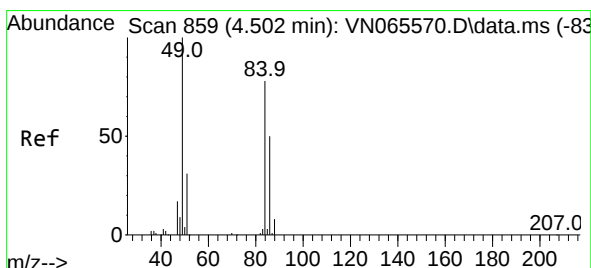
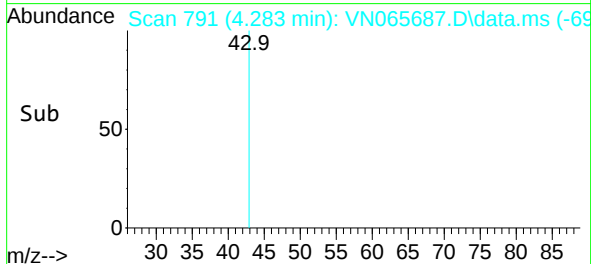
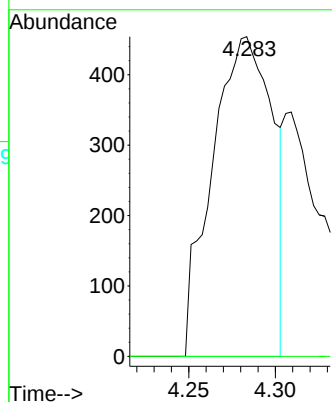
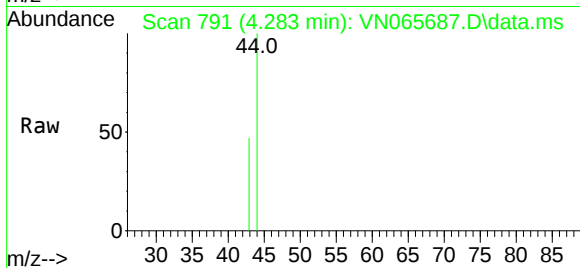
CRT-5

Tgt Ion: 43 Resp: 1099

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#20

Methylene Chloride

Concen: 3.71 ug/l

RT: 4.499 min Scan# 858

Delta R.T. -0.003 min

Lab File: VN065687.D

Acq: 29 Jan 2021 19:19

Tgt Ion: 84 Resp: 10513

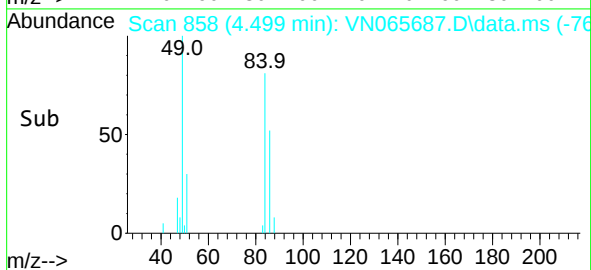
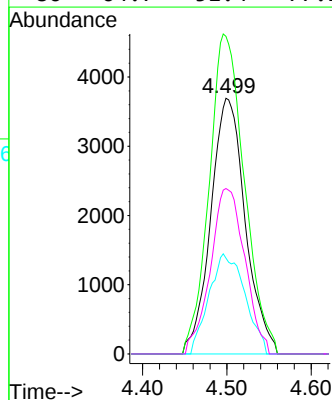
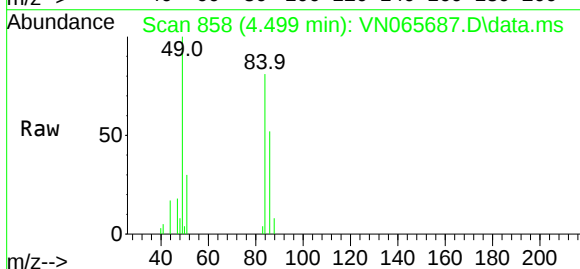
Ion Ratio Lower Upper

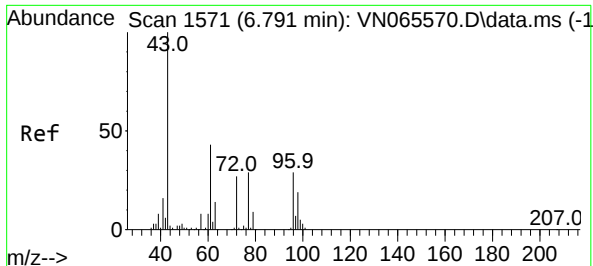
84 100

49 124.2 94.6 141.8

51 37.5 29.9 44.9

86 64.7 51.4 77.2

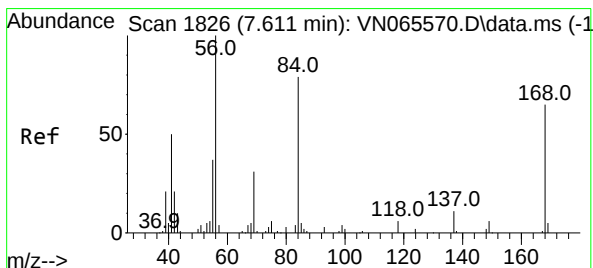
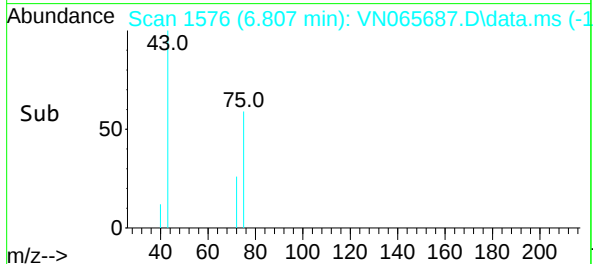
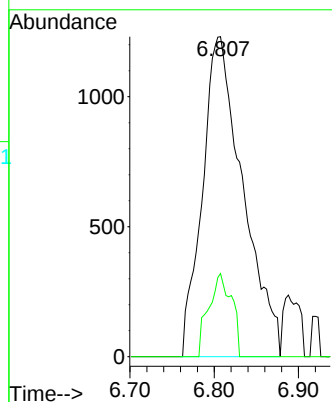
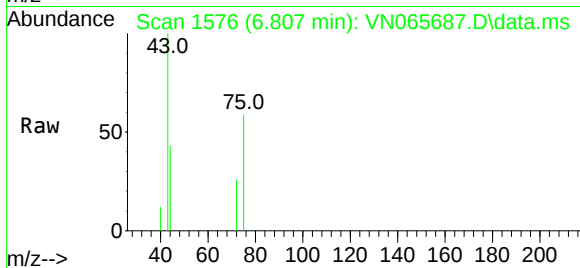




#25
2-Butanone
Concen: 2.56 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

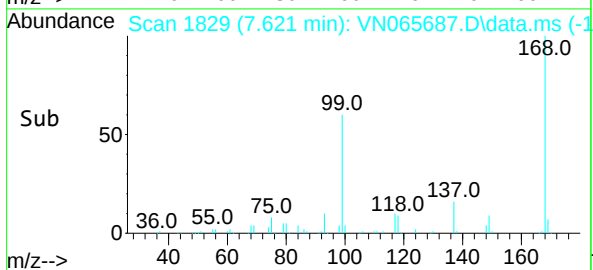
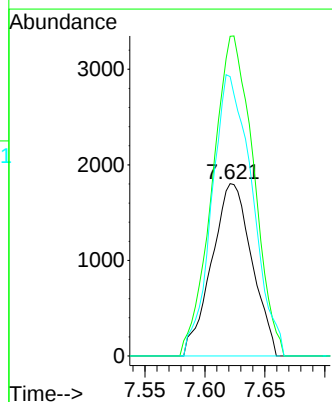
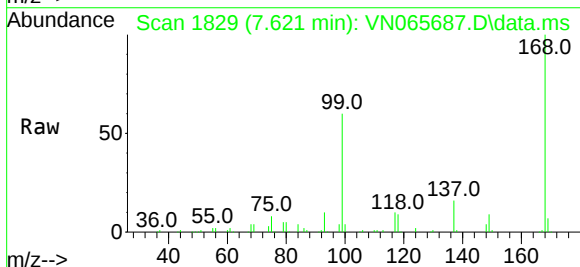
Instrument :
MSVOA_N
ClientSampled :
CRT-5

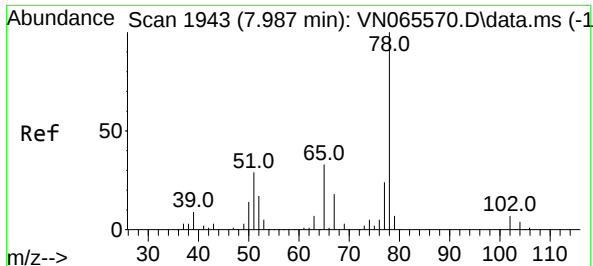
Tgt Ion: 43 Resp: 4111
Ion Ratio Lower Upper
43 100
72 26.0 23.1 34.7



#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion: 56 Resp: 4198
Ion Ratio Lower Upper
56 100
69 185.6 26.6 39.8#
84 162.1 70.4 105.6#

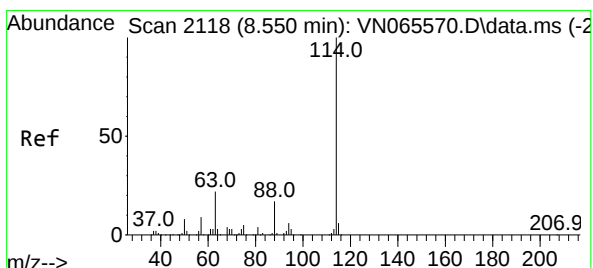
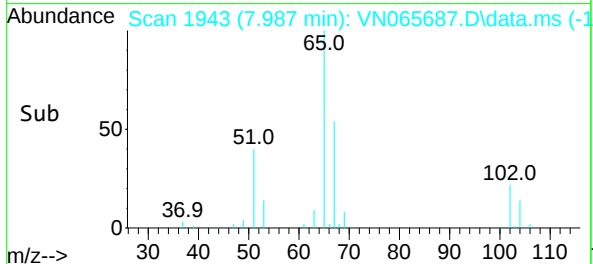
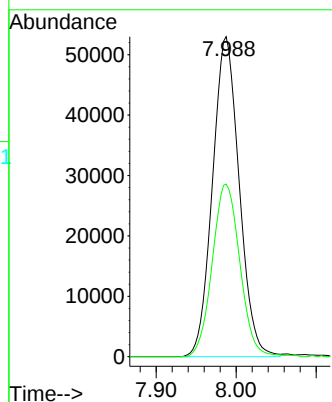
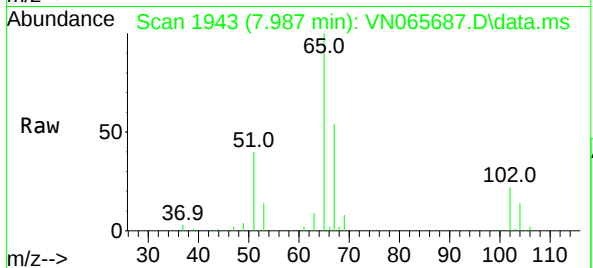




#33
1,2-Dichloroethane-d4
Concen: 46.67 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

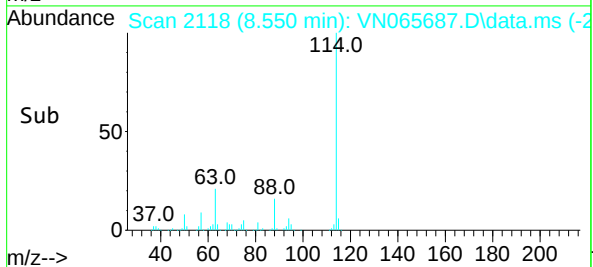
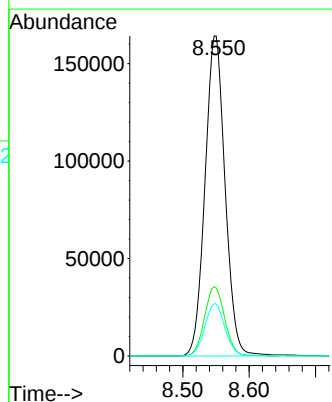
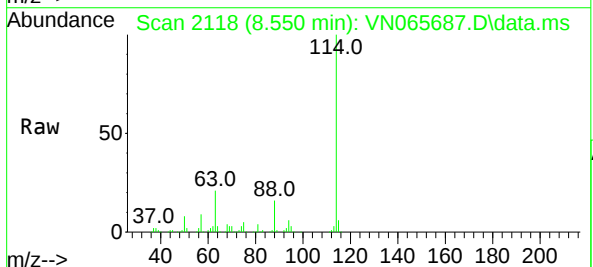
Instrument :
MSVOA_N
ClientSampled :
CRT-5

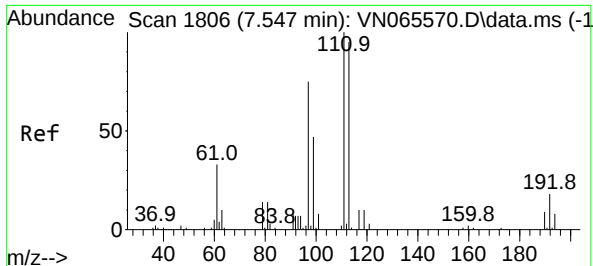
Tgt Ion: 65 Resp: 122709
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion: 114 Resp: 345521
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.31 ug/l

RT: 7.547 min Scan# 1806

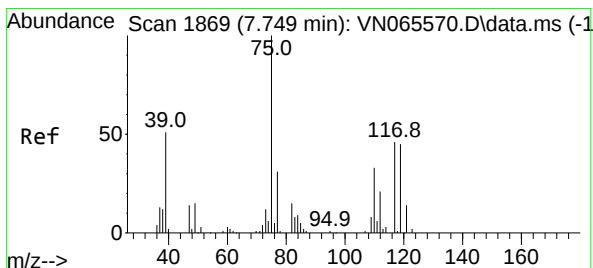
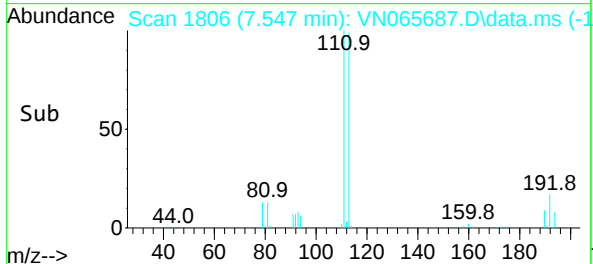
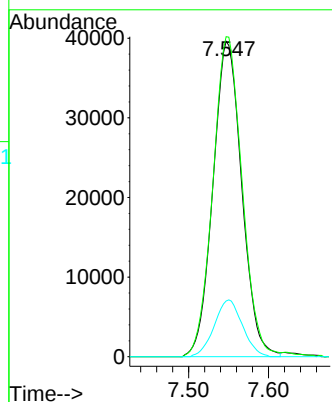
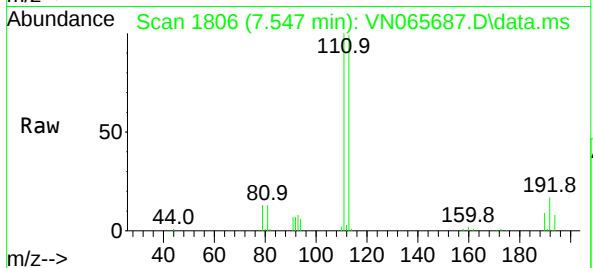
Delta R.T. 0.000 min

Lab File: VN065687.D

Acq: 29 Jan 2021 19:19

Tgt Ion:	113	Resp:	98914
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	17.7	15.4	23.0

Instrument :
MSVOA_N
ClientSampleId :
CRT-5



#36

1,1-Dichloropropene

Concen: 4.57 ug/l

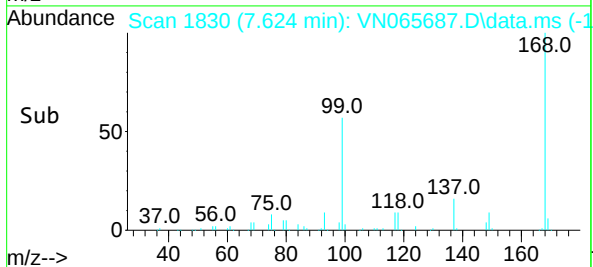
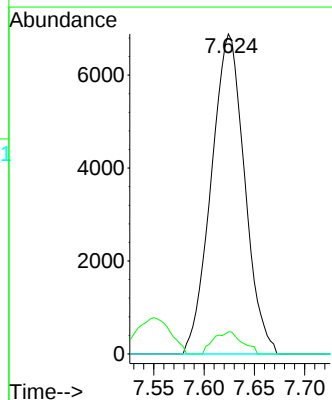
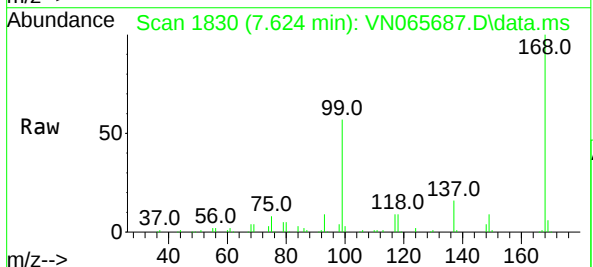
RT: 7.624 min Scan# 1830

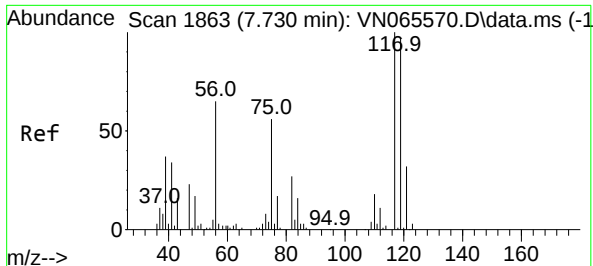
Delta R.T. -0.125 min

Lab File: VN065687.D

Acq: 29 Jan 2021 19:19

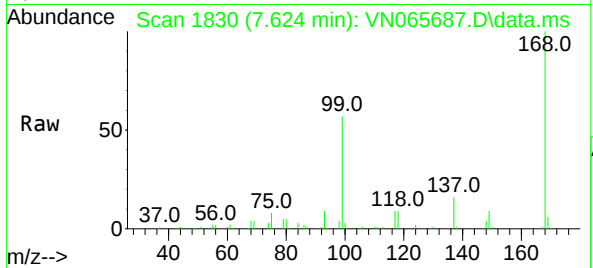
Tgt Ion:	75	Resp:	15886
Ion	Ratio	Lower	Upper
75	100		
110	5.9	18.2	54.6#
77	0.0	24.9	37.3#



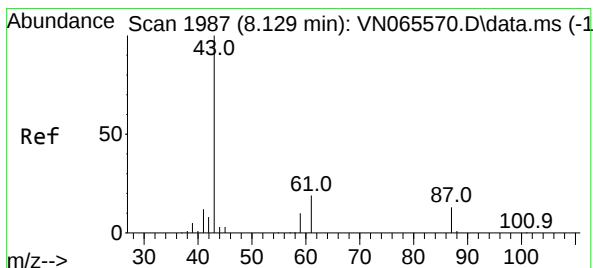
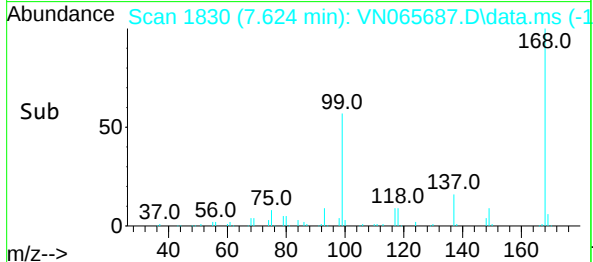
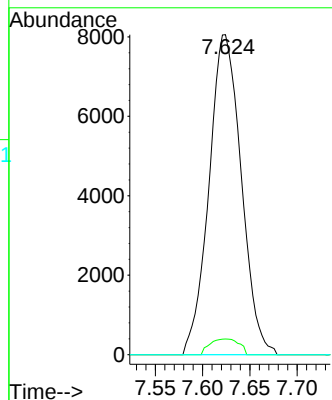


#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
CRT-5

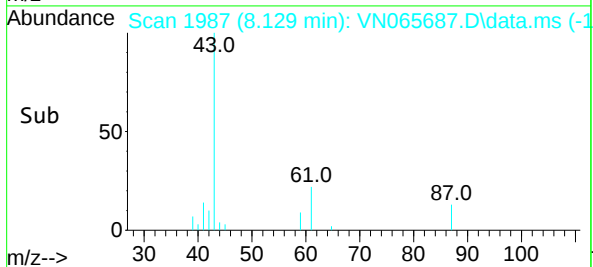
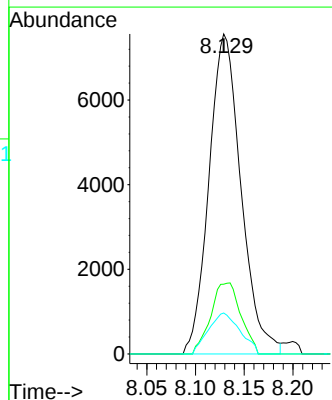
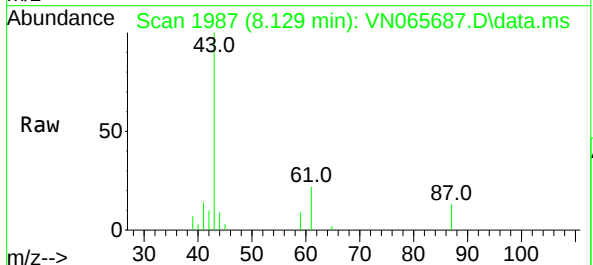


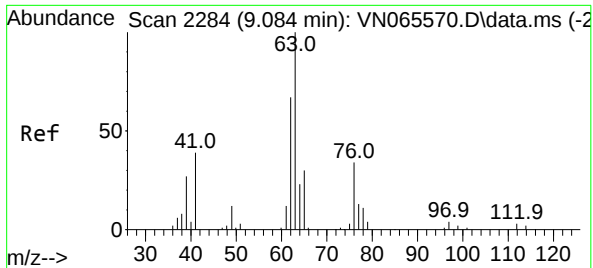
Tgt Ion:117 Resp: 19097
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.92 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion: 43 Resp: 17280
Ion Ratio Lower Upper
43 100
61 20.8 22.5 33.7#
87 12.6 11.1 16.7

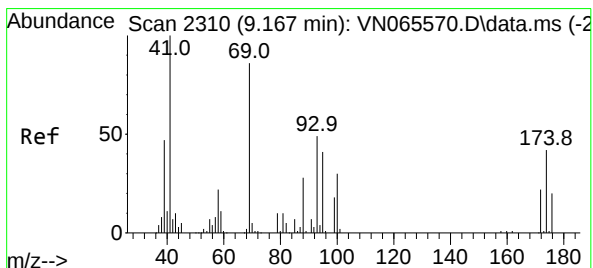
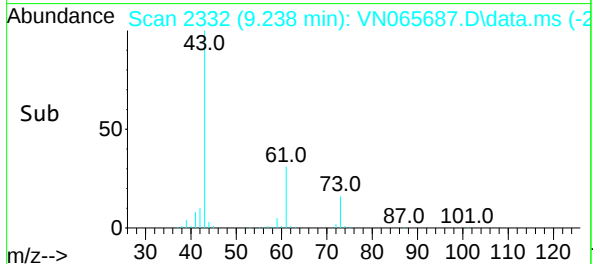
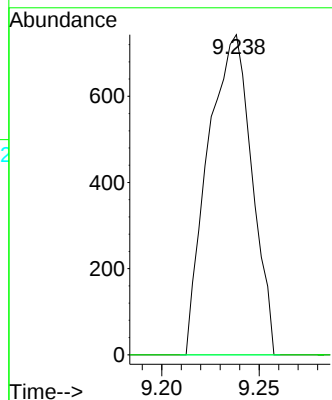
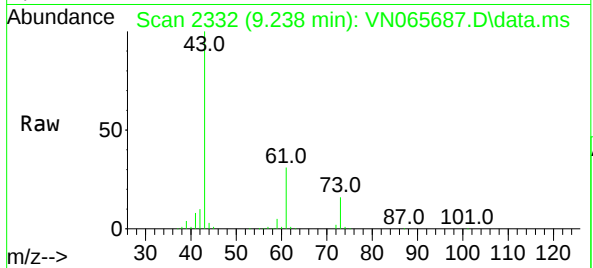




#45
1,2-Dichloropropane
Concen: 0.40 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

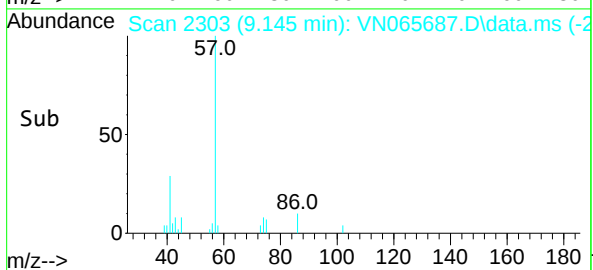
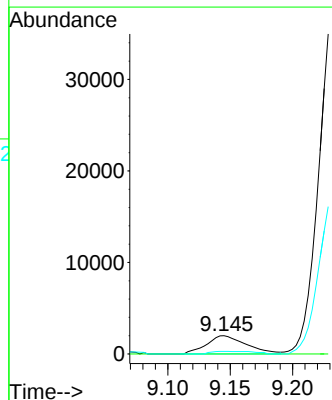
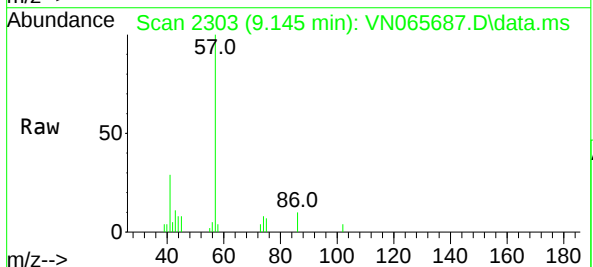
Instrument :
MSVOA_N
ClientSampled :
CRT-5

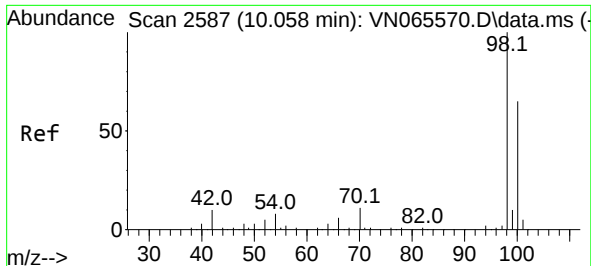
Tgt Ion: 63 Resp: 1162
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.58 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion: 41 Resp: 4433
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

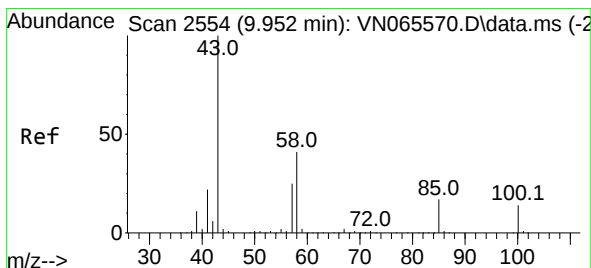
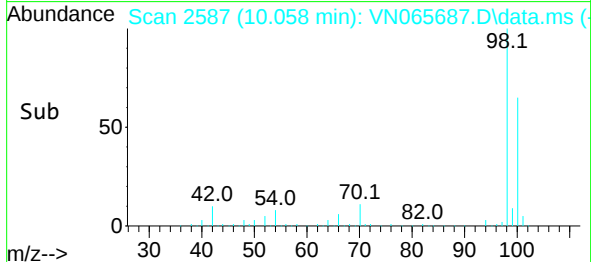
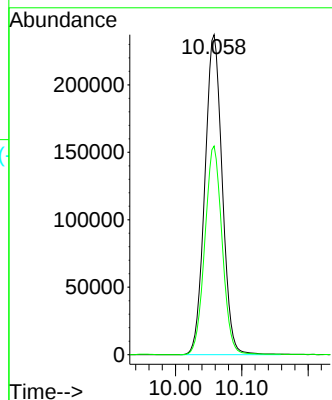
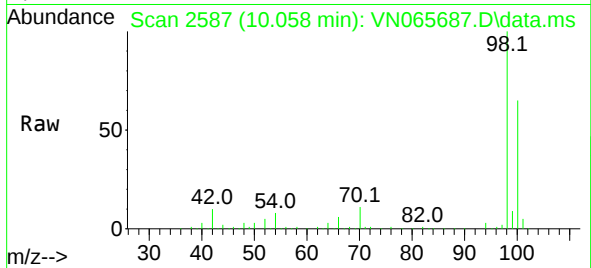




#50
Toluene-d8
Concen: 53.57 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

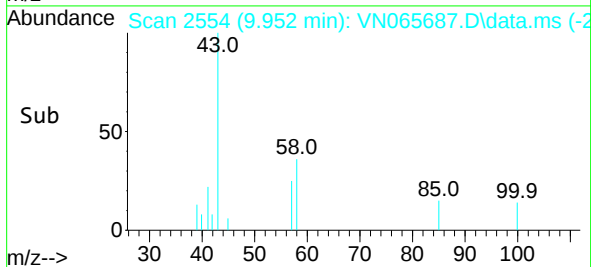
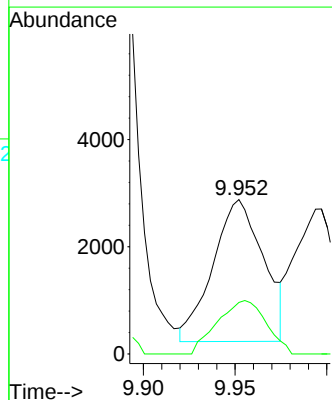
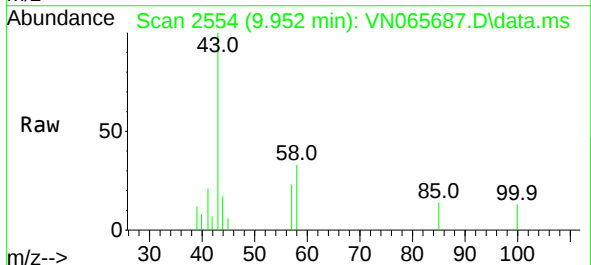
Instrument :
MSVOA_N
ClientSampled :
CRT-5

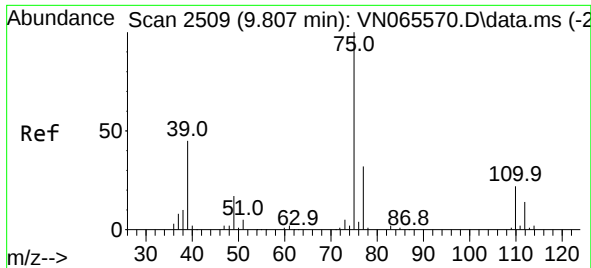
Tgt Ion: 98 Resp: 431183
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.55 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion: 43 Resp: 5069
Ion Ratio Lower Upper
43 100
58 36.4 32.5 48.7

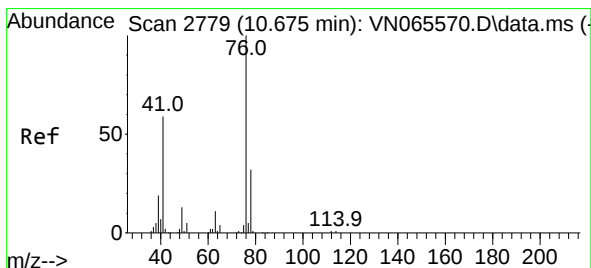
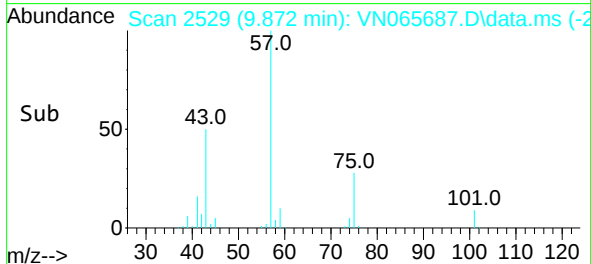
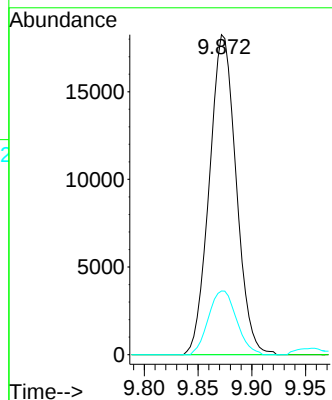
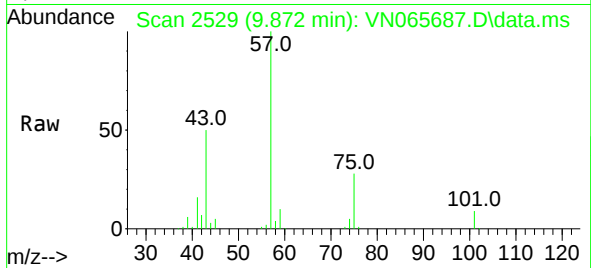




#54
cis-1,3-Dichloropropene
Concen: 7.04 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

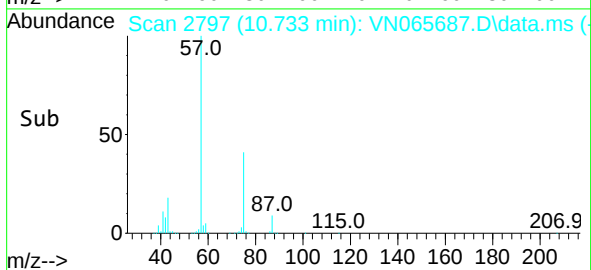
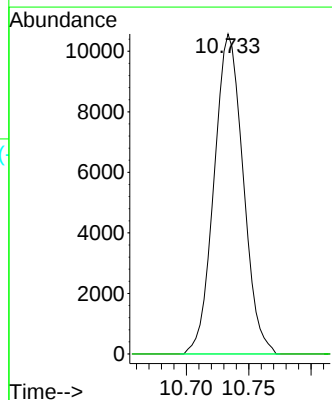
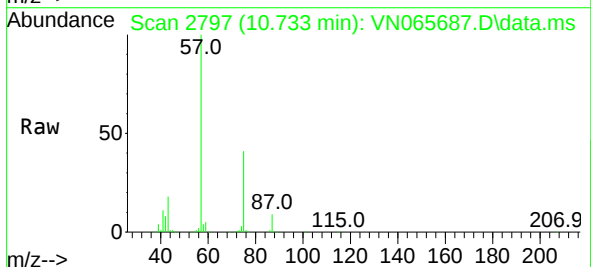
Instrument :
MSVOA_N
ClientSampleId :
CRT-5

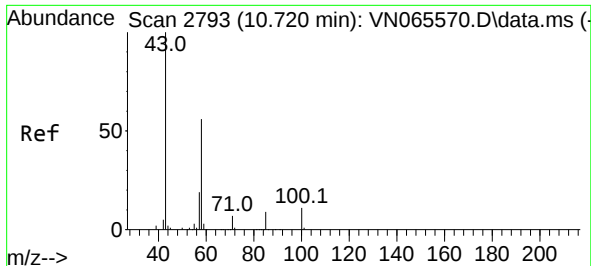
Tgt Ion: 75 Resp: 31612
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 19.9 36.2 54.4#



#57
1,3-Dichloropropane
Concen: 4.07 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion: 76 Resp: 17171
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

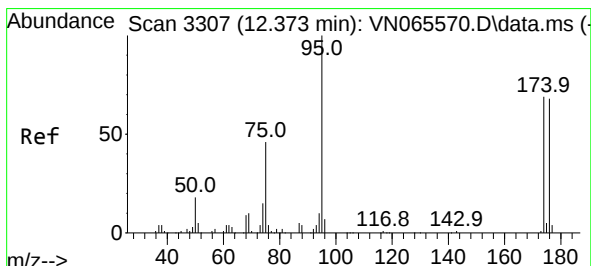
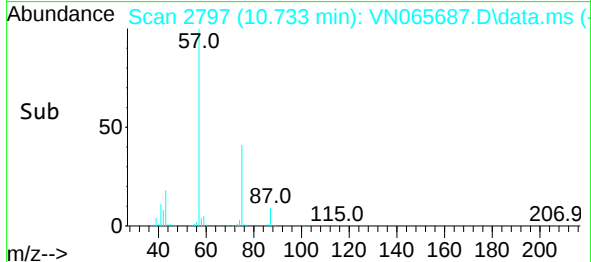
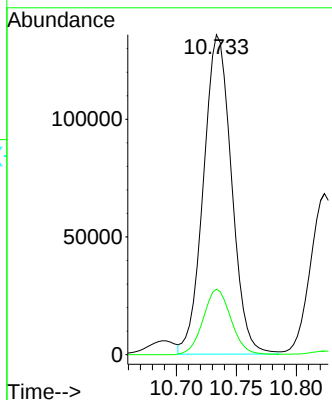
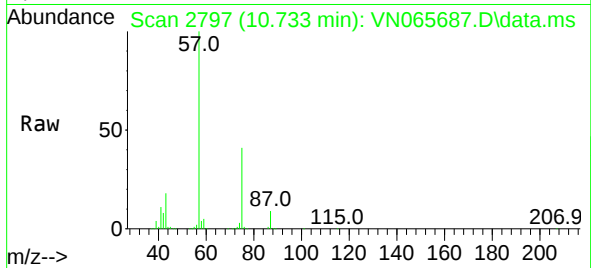




#59
2-Hexanone
Concen: 97.61 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

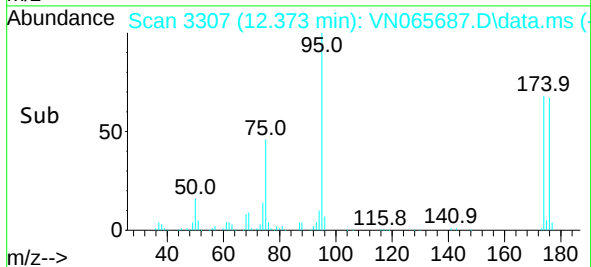
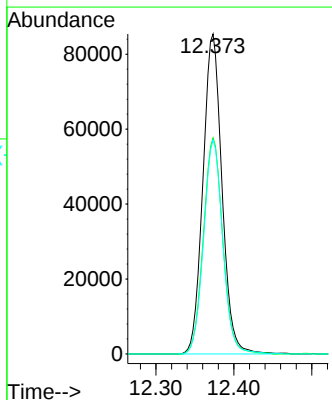
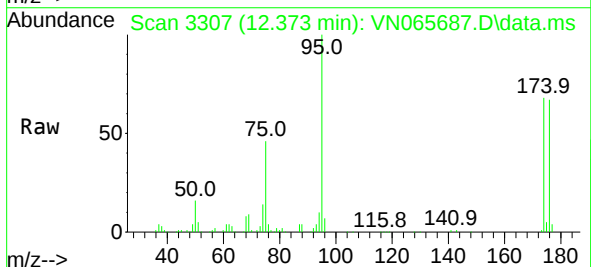
Instrument :
MSVOA_N
ClientSampled :
CRT-5

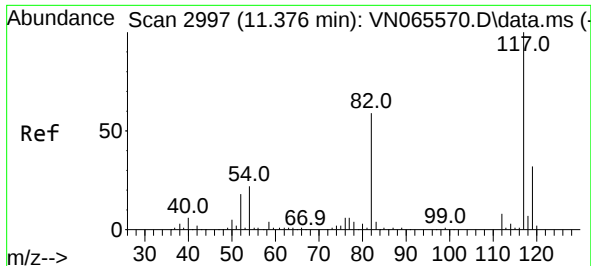
Tgt Ion: 43 Resp: 220974
Ion Ratio Lower Upper
43 100
58 20.4 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 50.01 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion: 95 Resp: 144956
Ion Ratio Lower Upper
95 100
174 68.7 0.0 169.0
176 67.1 0.0 162.4

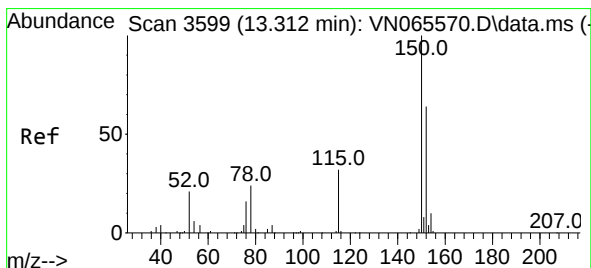
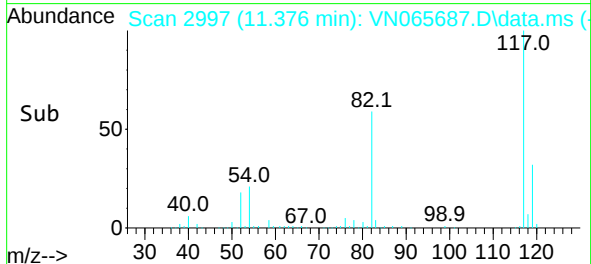
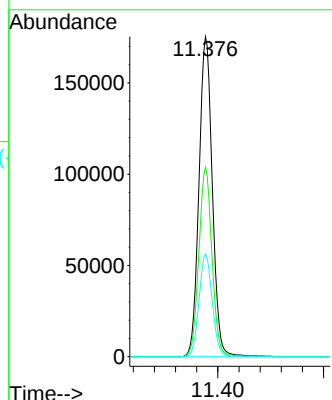
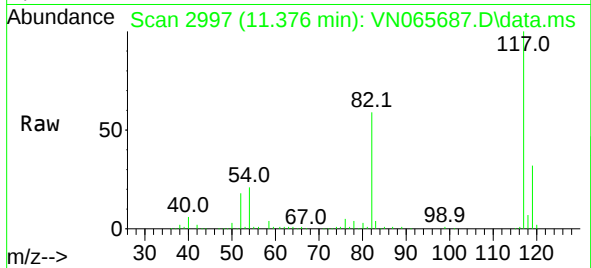




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

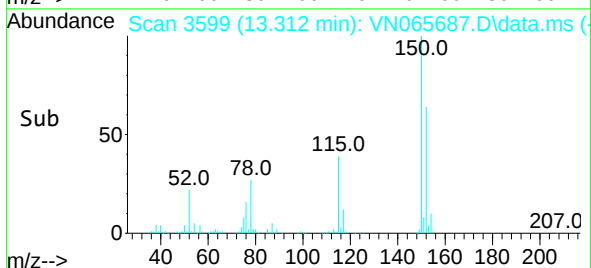
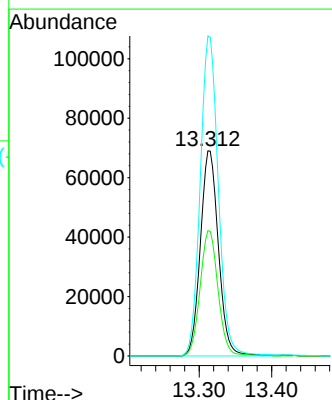
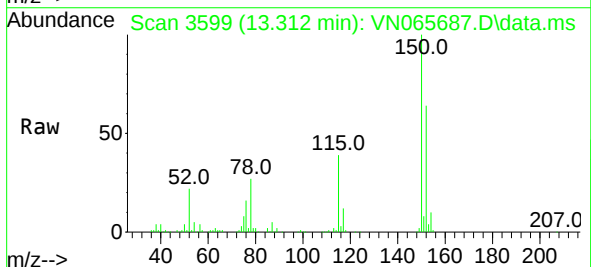
Instrument :
MSVOA_N
ClientSampleId :
CRT-5

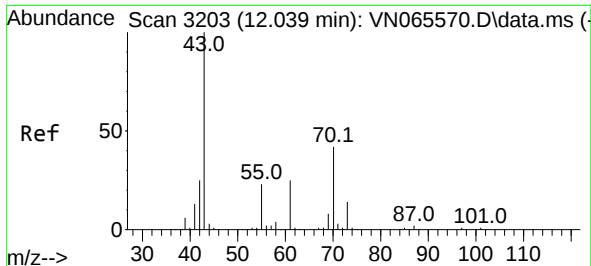
Tgt Ion:117 Resp: 306732
Ion Ratio Lower Upper
117 100
82 59.3 43.7 65.5
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion:152 Resp: 119393
Ion Ratio Lower Upper
152 100
115 60.7 28.5 85.6
150 156.0 0.0 347.6

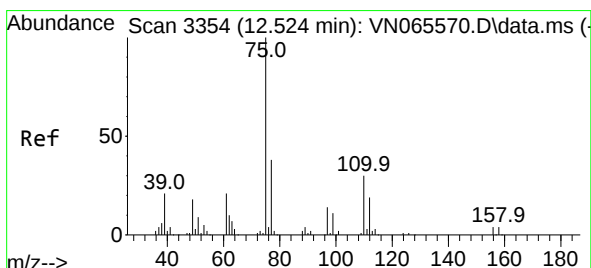
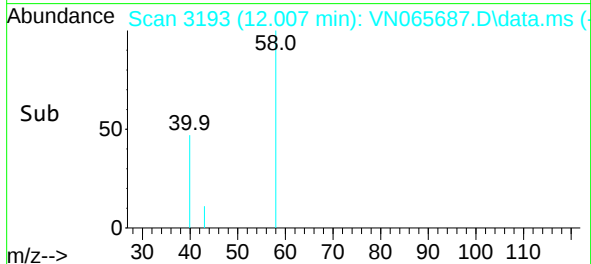
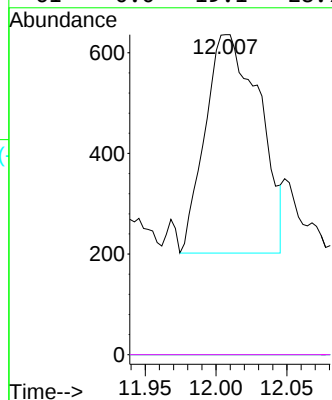
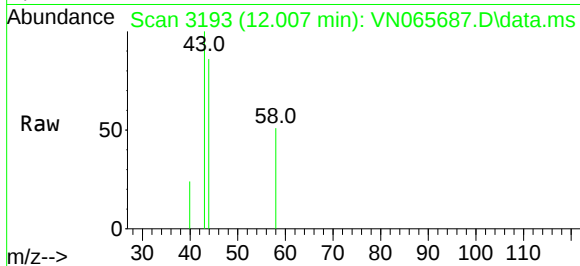




#74
N-amy1 acetate
Concen: 0.26 ug/l
RT: 12.007 min Scan# 3193
Delta R.T. -0.032 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

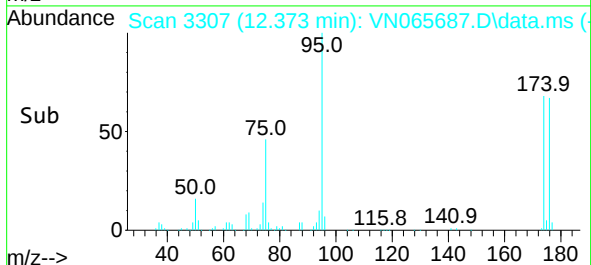
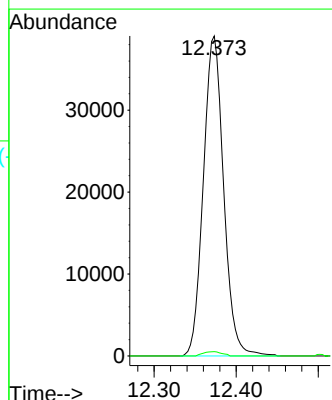
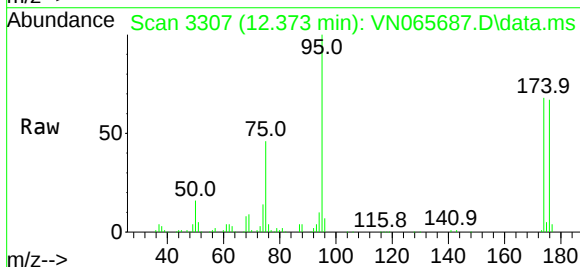
Instrument :
MSVOA_N
ClientSampleId :
CRT-5

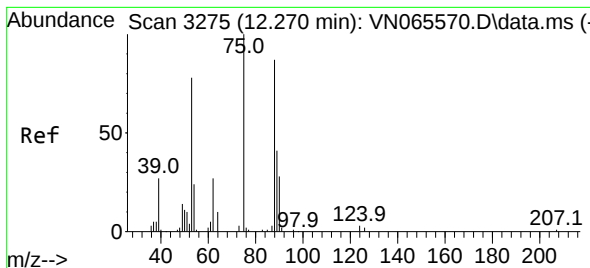
Tgt Ion: 43	Resp: 1160
Ion Ratio	Lower Upper
43 100	
70 0.0	34.4 51.6#
55 0.0	20.7 31.1#
61 0.0	19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 21.48 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion: 75	Resp: 67073
Ion Ratio	Lower Upper
75 100	
77 1.2	0.0 0.0#

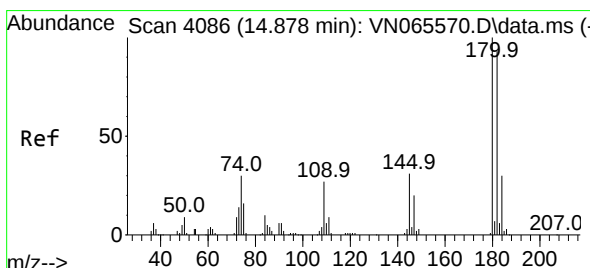
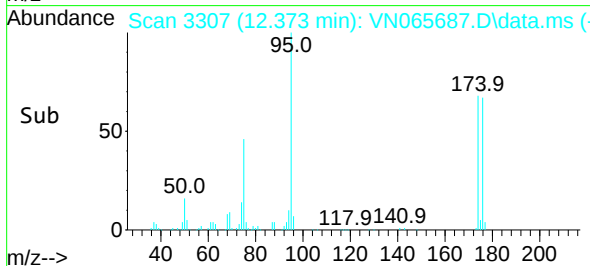
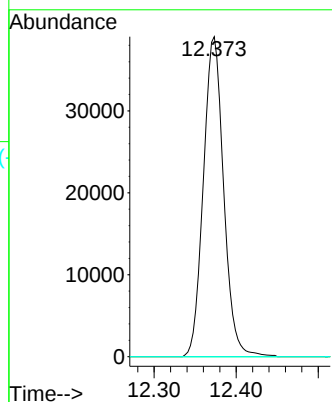
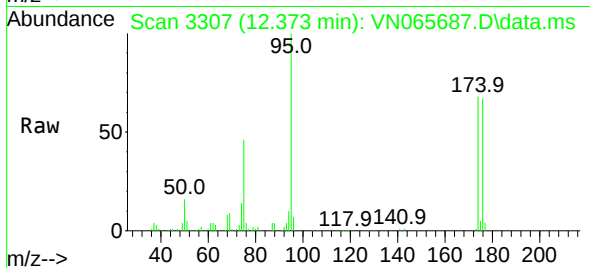




#81
trans-1,4-Dichloro-2-butene
Concen: 55.03 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

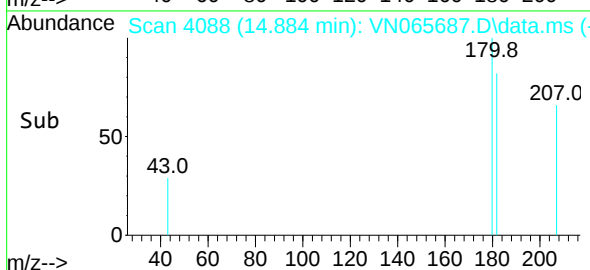
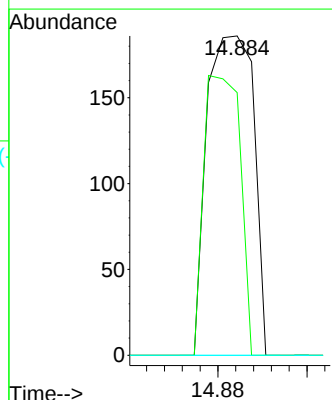
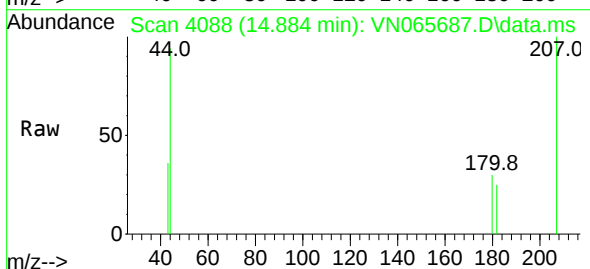
Instrument :
MSVOA_N
ClientSampleId :
CRT-5

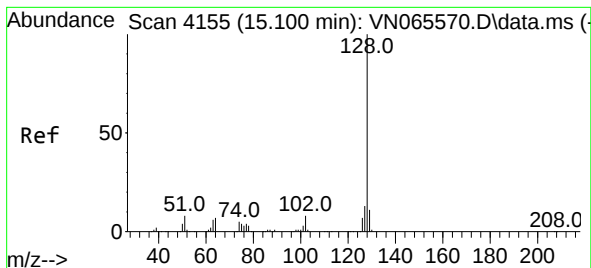
Tgt Ion: 75 Resp: 67073
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.42 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.006 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion:180 Resp: 135
Ion Ratio Lower Upper
180 100
182 68.1 47.3 142.0
145 0.0 15.6 46.8#

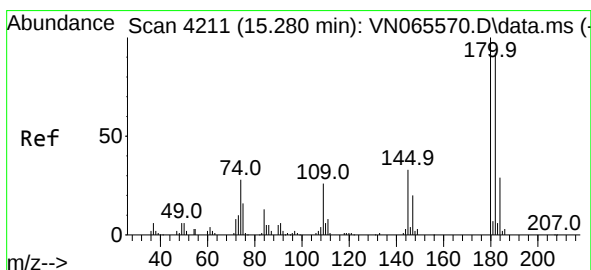
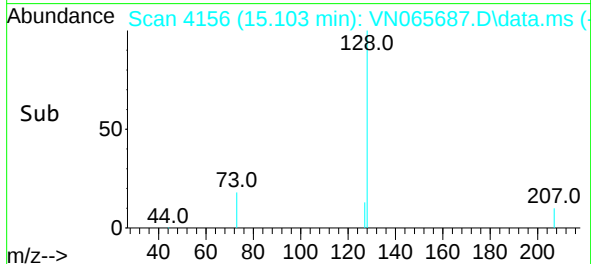
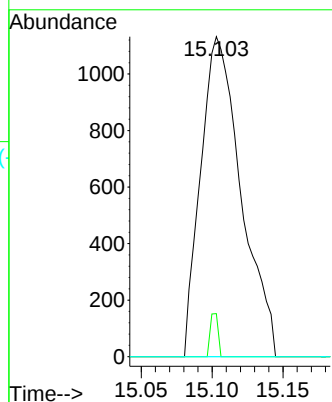
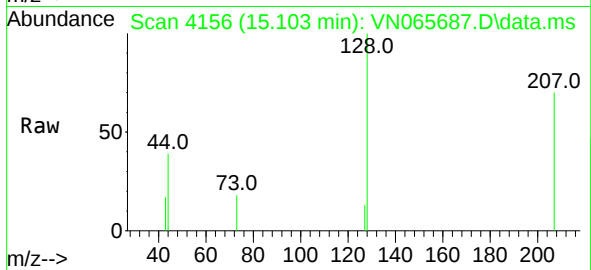




#95
Naphthalene
Concen: 3.72 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
CRT-5

Tgt Ion:128 Resp: 2248
Ion Ratio Lower Upper
128 100
127 2.6 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.98 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN065687.D
Acq: 29 Jan 2021 19:19

Tgt Ion:180 Resp: 344
Ion Ratio Lower Upper
180 100
182 97.1 47.4 142.3
145 0.0 16.5 49.5#

