

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065690.D
 Acq On : 29 Jan 2021 20:33
 Operator : JC/MD
 Sample : M1255-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CRT-17

Quant Time: Jan 30 01:07:20 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)

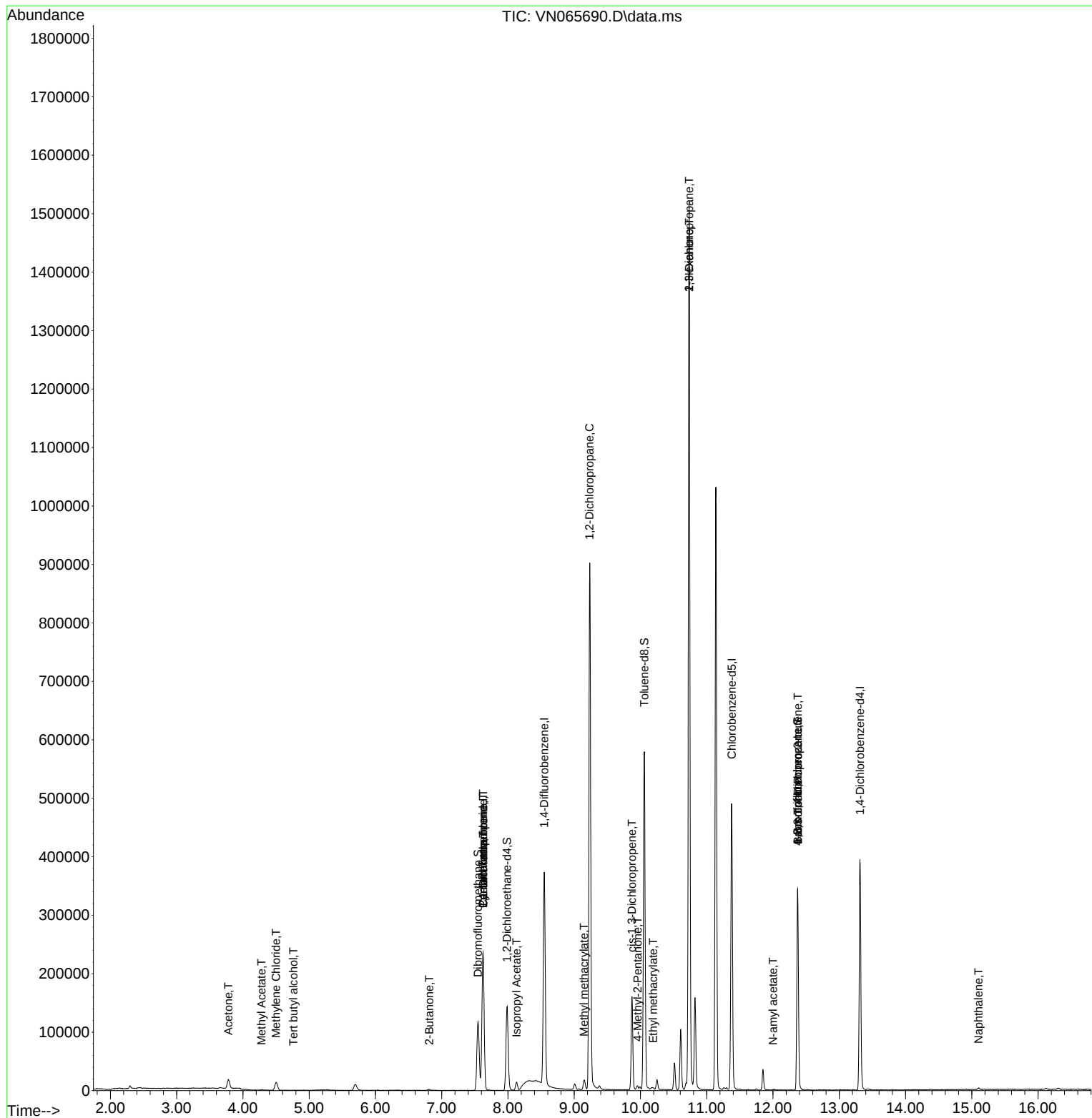
Internal Standards						
1) Pentafluorobenzene	7.624	168	195322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	338153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	294131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	112662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	119858	46.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.28%		
35) Dibromofluoromethane	7.547	113	97926	48.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.74%		
50) Toluene-d8	10.058	98	416628	52.89	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.78%		
62) 4-Bromofluorobenzene	12.370	95	139127	49.05	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.10%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.763	59	293	0.61	ug/l #	73
16) Acetone	3.779	43	23860	23.85	ug/l	95
18) Methyl Acetate	4.280	43	610	0.22	ug/l #	86
20) Methylene Chloride	4.499	84	10444	3.77	ug/l	97
25) 2-Butanone	6.811	43	4205	2.68	ug/l	97
31) Cyclohexane	7.624	56	3839	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15212	4.47	ug/l #	47
38) Carbon Tetrachloride	7.624	117	18018	6.43	ug/l #	16
43) Isopropyl Acetate	8.129	43	16737	2.89	ug/l #	90
45) 1,2-Dichloropropane	9.232	63	1090	0.38	ug/l #	44
48) Methyl methacrylate	9.145	41	4607	1.68	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	4431	1.39	ug/l	97
54) cis-1,3-Dichloropropene	9.872	75	31024	7.06	ug/l #	55
56) Ethyl methacrylate	10.190	69	2018	0.52	ug/l #	41
57) 1,3-Dichloropropane	10.733	76	16627	4.02	ug/l #	43
59) 2-Hexanone	10.733	43	214034	96.60	ug/l #	51
71) Bromoform	12.373	173	590	0.39	ug/l #	1
74) N-amyl acetate	12.000	43	945	0.23	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	64594	21.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	64594	56.16	ug/l #	12
95) Naphthalene	15.103	128	3486	3.90	ug/l #	93

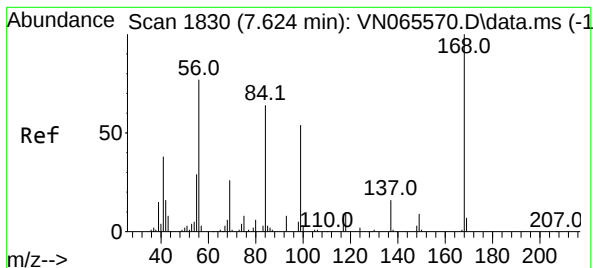
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
Data File : VN065690.D
Acq On : 29 Jan 2021 20:33
Operator : JC/MD
Sample : M1255-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CRT-17

Quant Time: Jan 30 01:07:20 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

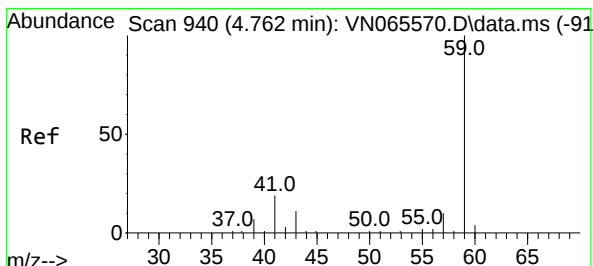
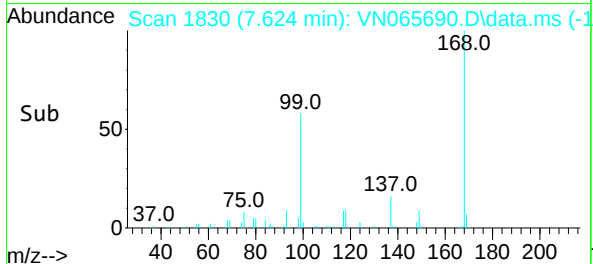
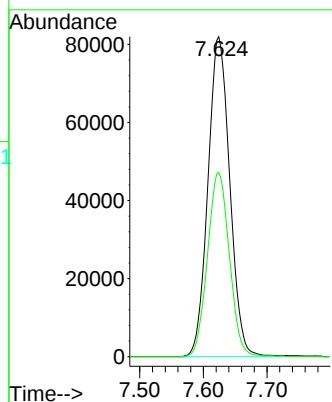
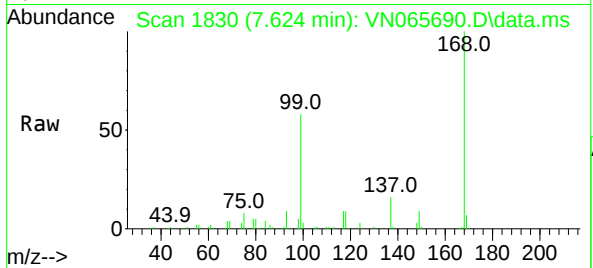




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

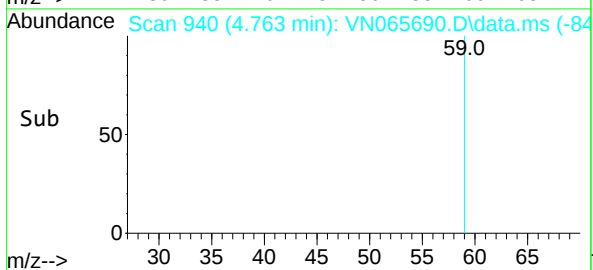
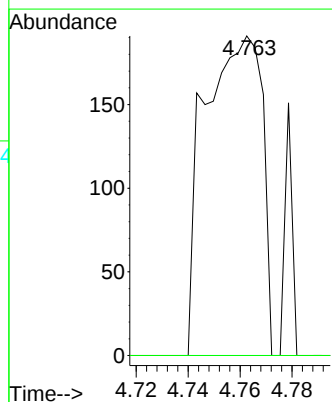
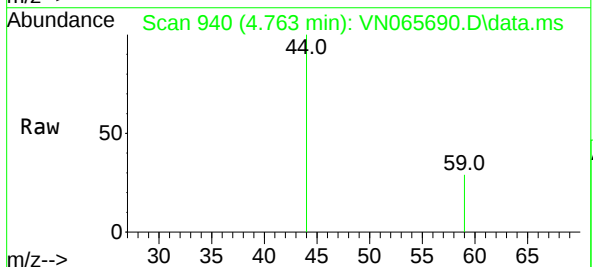
Instrument :
MSVOA_N
ClientSampled :
CRT-17

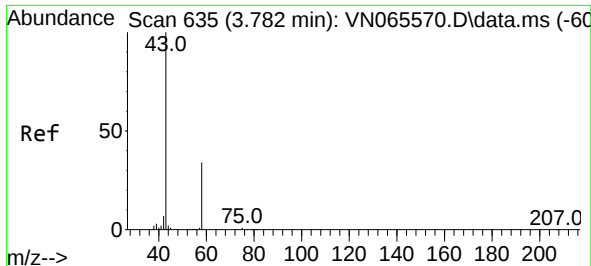
Tgt Ion:168 Resp: 195322
Ion Ratio Lower Upper
168 100
99 57.6 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.61 ug/l
RT: 4.763 min Scan# 940
Delta R.T. 0.001 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Tgt Ion: 59 Resp: 293
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

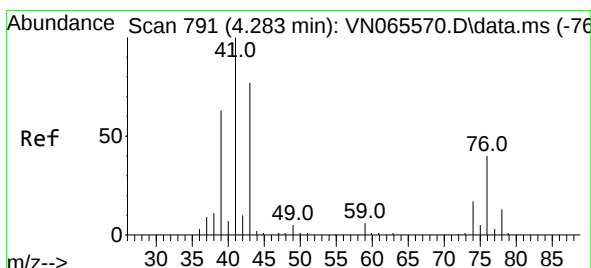
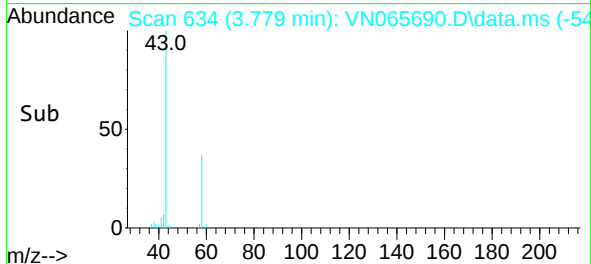
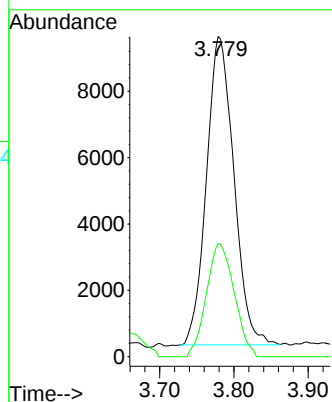
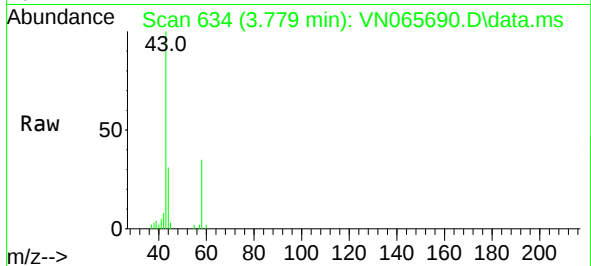




#16
Acetone
Concen: 23.85 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

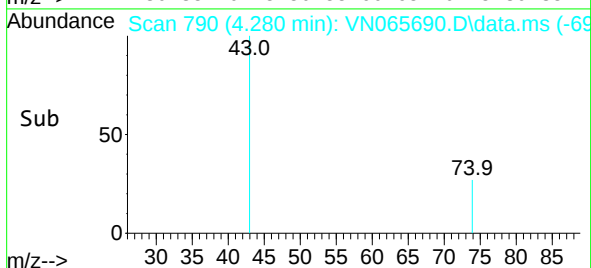
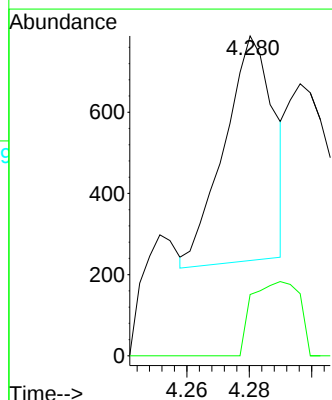
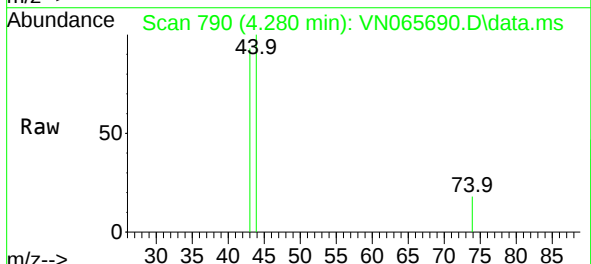
Instrument :
MSVOA_N
ClientSampled :
CRT-17

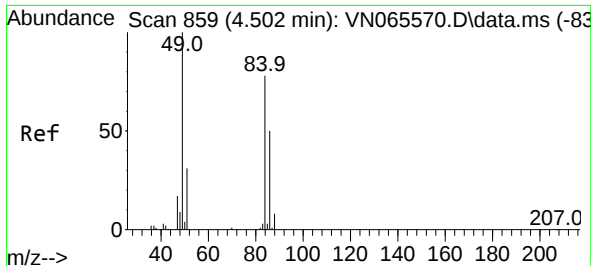
Tgt Ion: 43 Resp: 23860
Ion Ratio Lower Upper
43 100
58 36.7 27.0 40.6



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 4.280 min Scan# 790
Delta R.T. -0.003 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

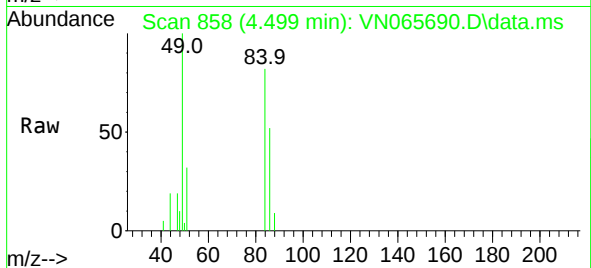
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
74 31.5 19.5 29.3#



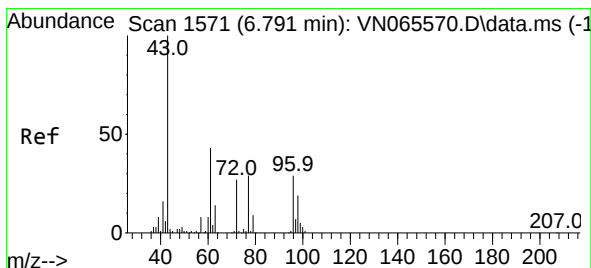
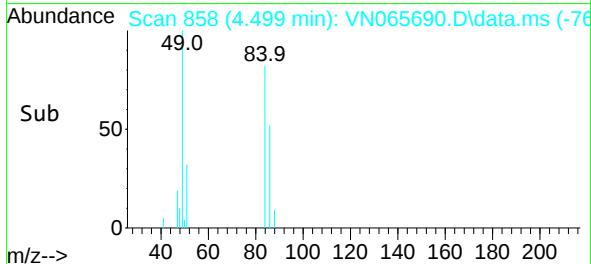
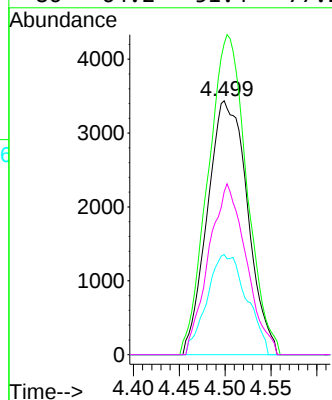


#20
Methylene Chloride
Concen: 3.77 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Instrument :
MSVOA_N
ClientSampled :
CRT-17

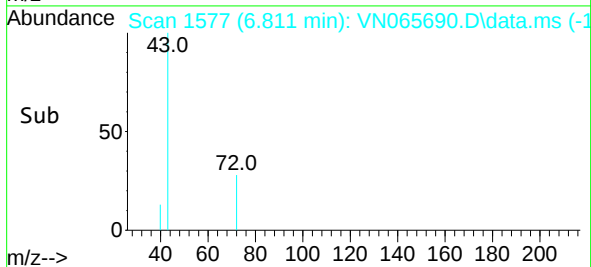
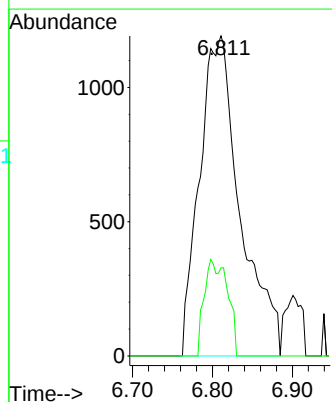
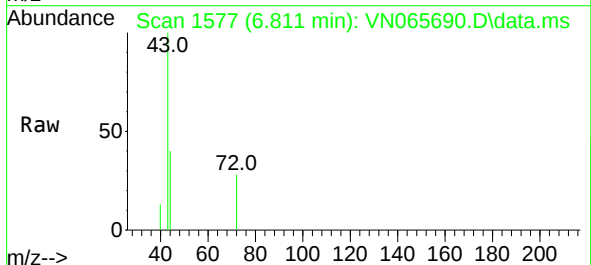


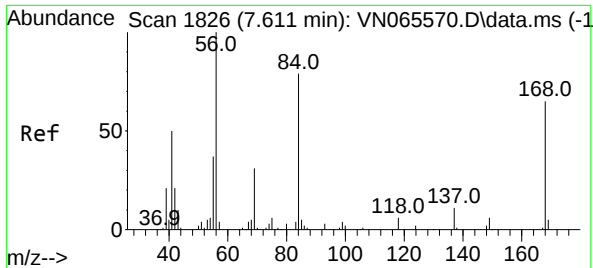
Tgt Ion:	84	Resp:	10444
Ion	Ratio	Lower	Upper
84	100		
49	122.5	94.6	141.8
51	39.4	29.9	44.9
86	64.2	51.4	77.2



#25
2-Butanone
Concen: 2.68 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.020 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

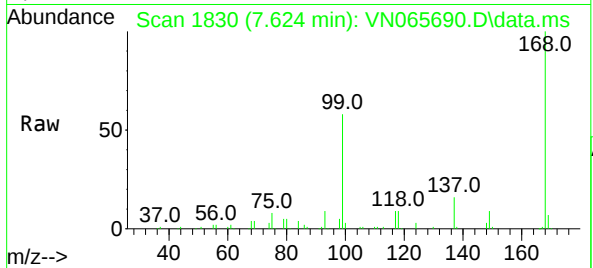
Tgt Ion:	43	Resp:	4205
Ion	Ratio	Lower	Upper
43	100		
72	27.5	23.1	34.7



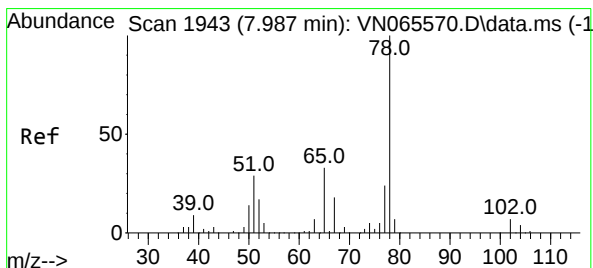
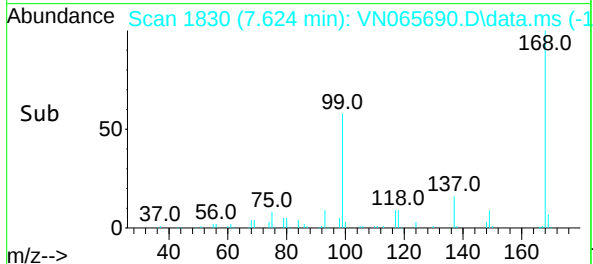
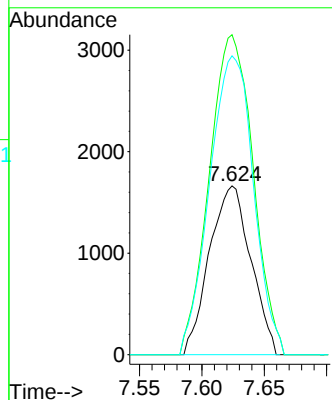


#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Instrument :
MSVOA_N
ClientSampleId :
CRT-17

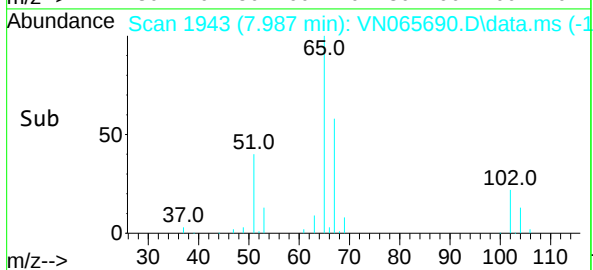
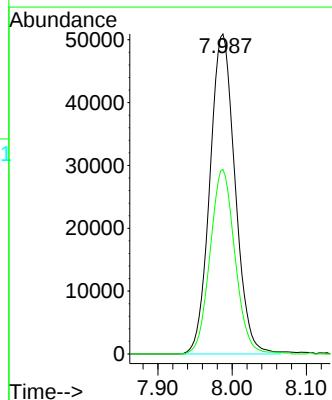
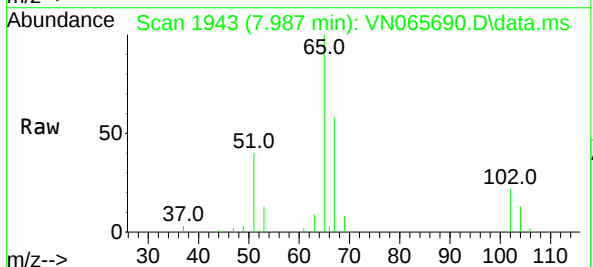


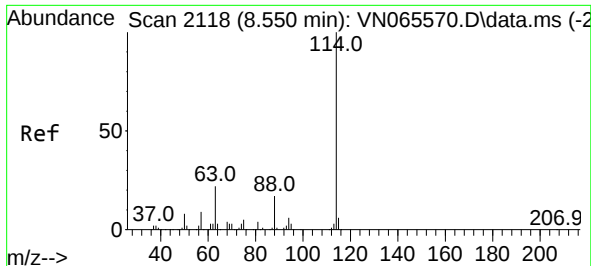
Tgt Ion: 56 Resp: 3839
Ion Ratio Lower Upper
56 100
69 189.6 26.6 39.8#
84 177.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.64 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Tgt Ion: 65 Resp: 119858
Ion Ratio Lower Upper
65 100
67 57.1 0.0 107.2

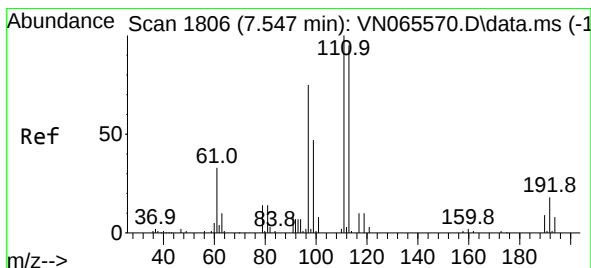
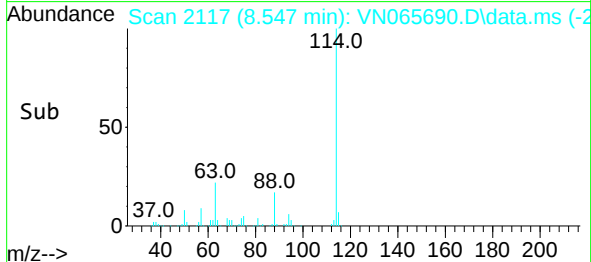
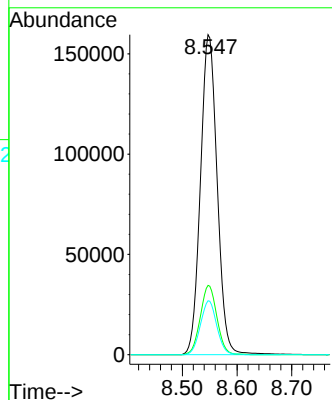
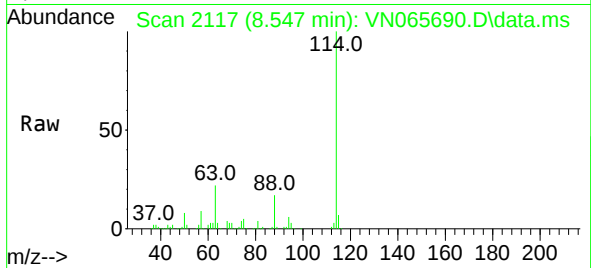




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

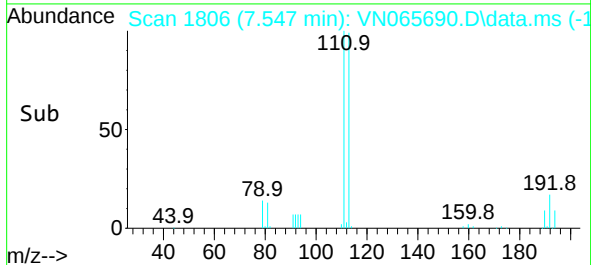
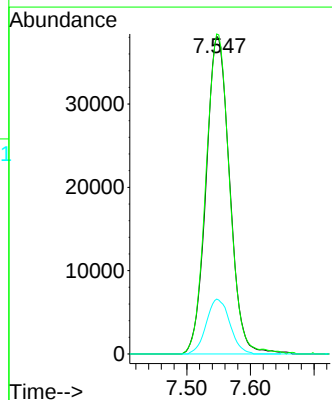
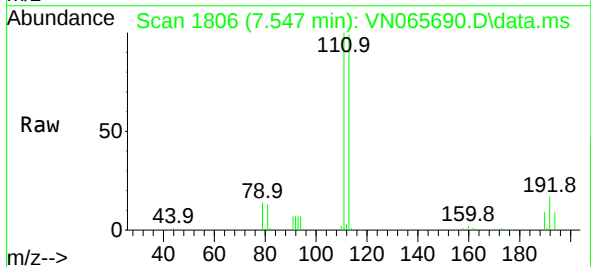
Instrument :
MSVOA_N
ClientSampled :
CRT-17

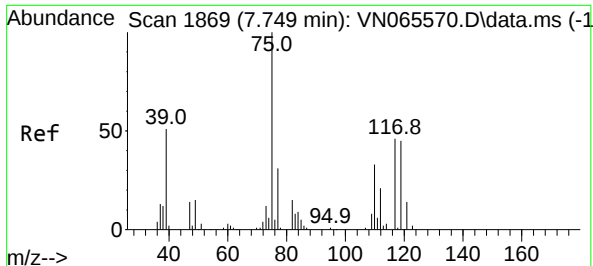
Tgt Ion:114 Resp: 338153
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.6
88 16.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.87 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

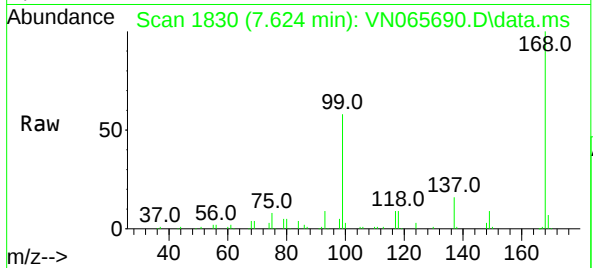
Tgt Ion:113 Resp: 97926
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.2
192 17.3 15.4 23.0



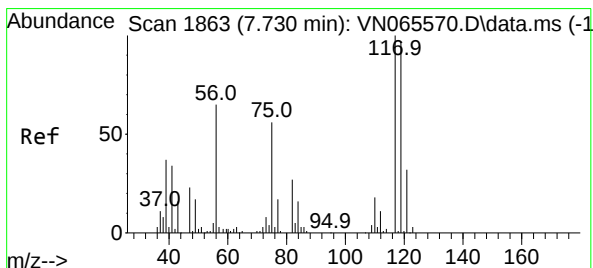
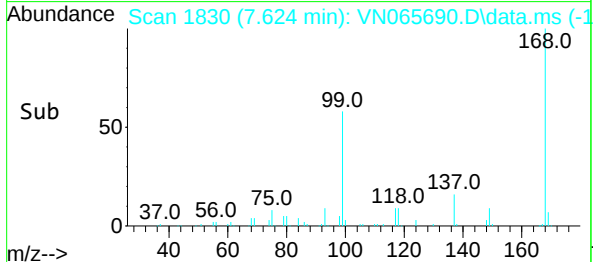
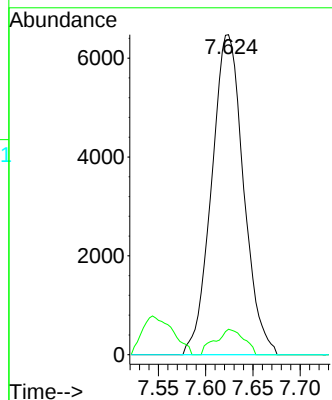


#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Instrument :
MSVOA_N
ClientSampled :
CRT-17

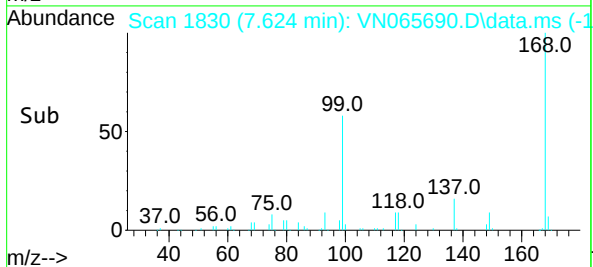
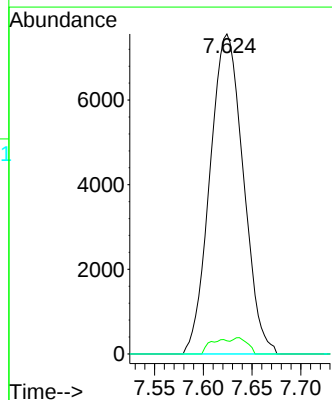
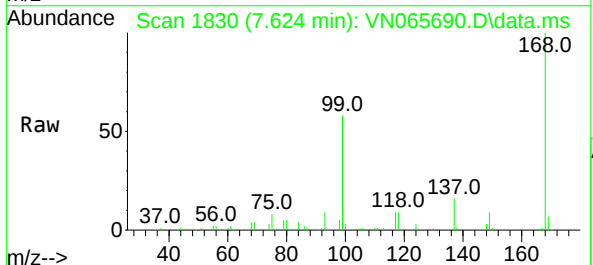


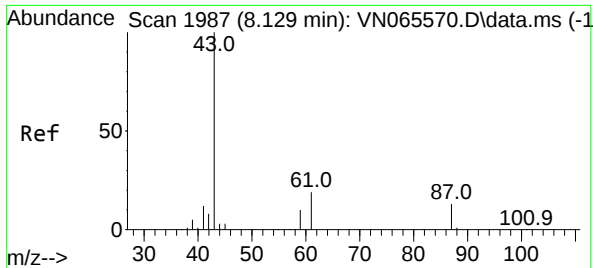
Tgt Ion: 75 Resp: 15212
Ion Ratio Lower Upper
75 100
110 7.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.43 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Tgt Ion: 117 Resp: 18018
Ion Ratio Lower Upper
117 100
119 4.1 76.0 114.0#
121 0.0 24.5 36.7#

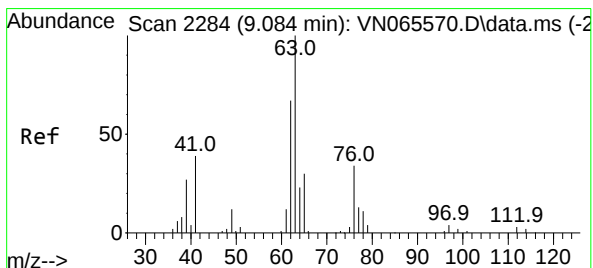
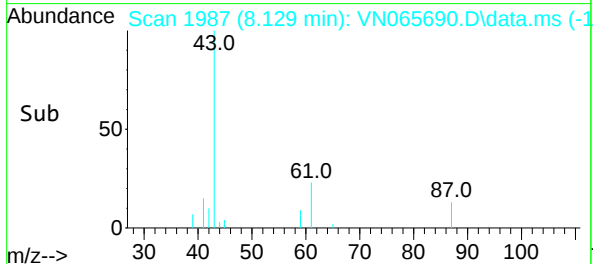
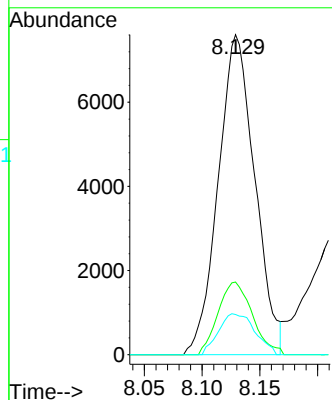
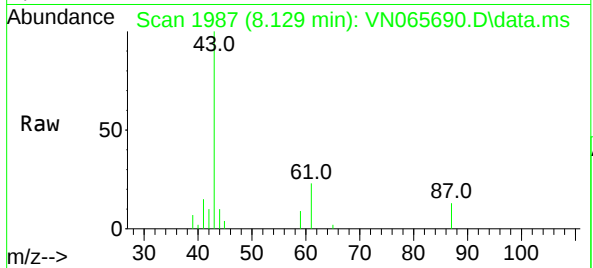




#43
Isopropyl Acetate
Concen: 2.89 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

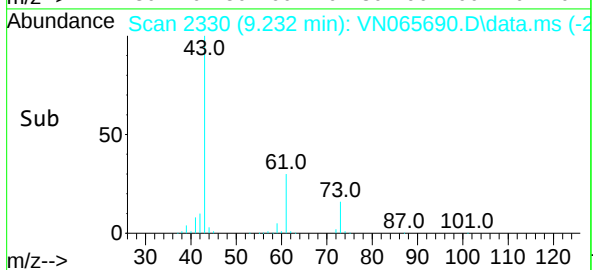
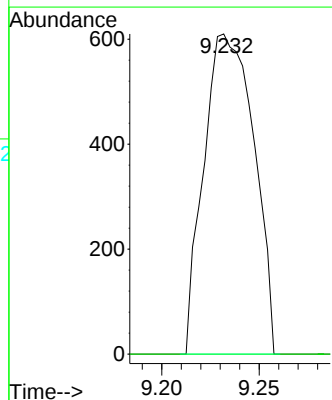
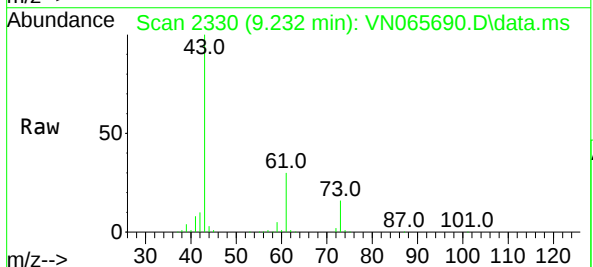
Instrument :
MSVOA_N
ClientSampled :
CRT-17

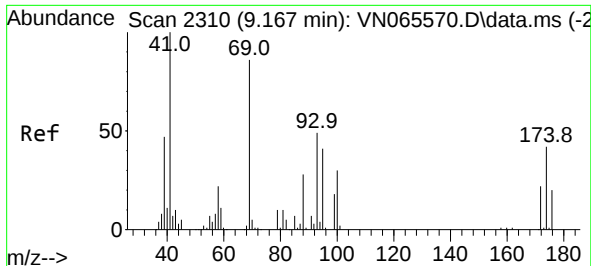
Tgt Ion: 43 Resp: 16737
Ion Ratio Lower Upper
43 100
61 21.3 22.5 33.7#
87 12.8 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.38 ug/l
RT: 9.232 min Scan# 2330
Delta R.T. 0.148 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Tgt Ion: 63 Resp: 1090
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

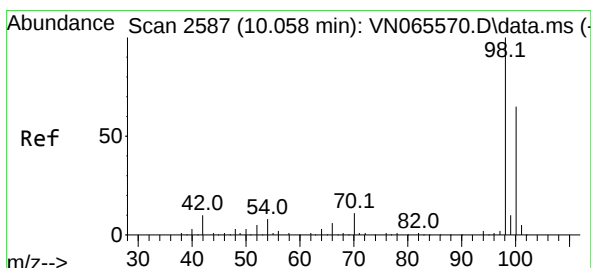
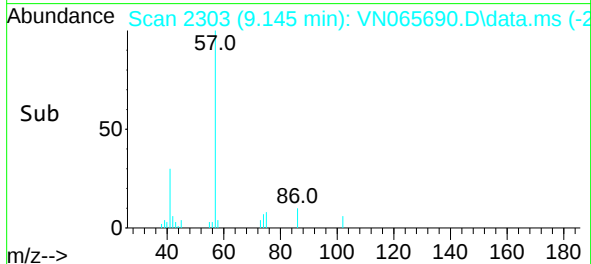
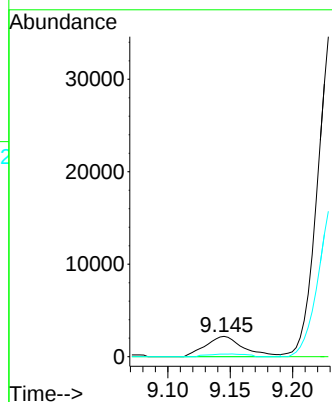
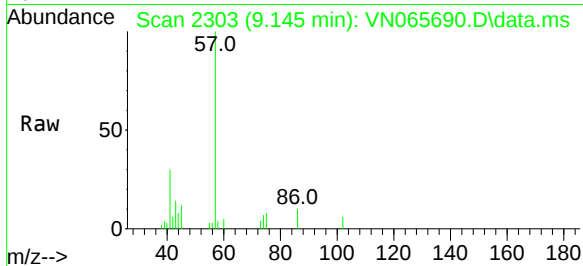




#48
Methyl methacrylate
Concen: 1.68 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

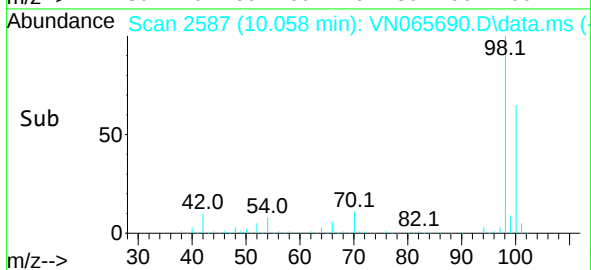
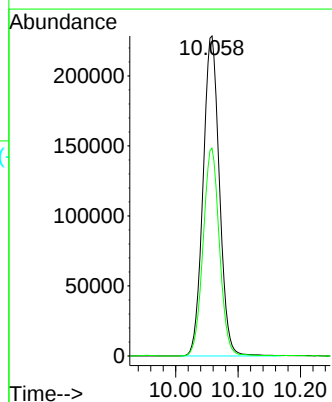
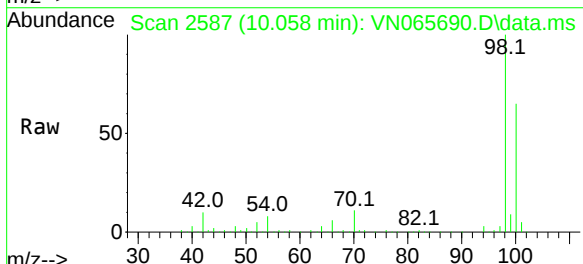
Instrument :
MSVOA_N
ClientSampled :
CRT-17

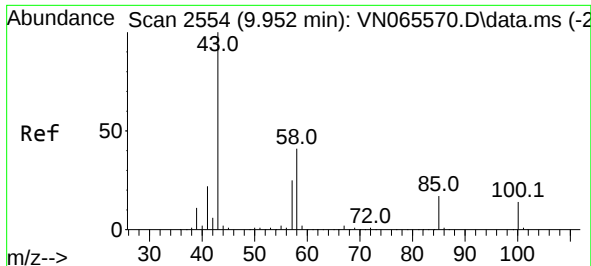
Tgt Ion: 41 Resp: 4607
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 52.89 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Tgt Ion: 98 Resp: 416628
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

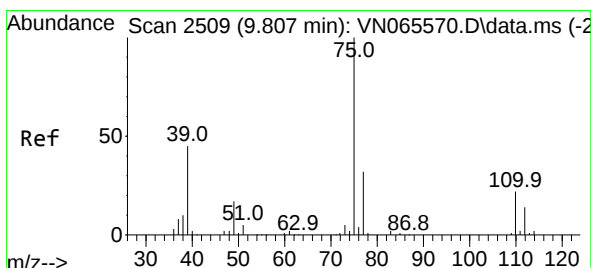
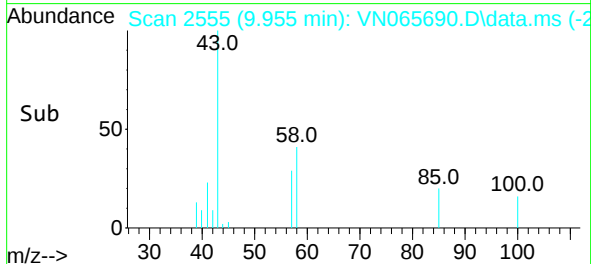
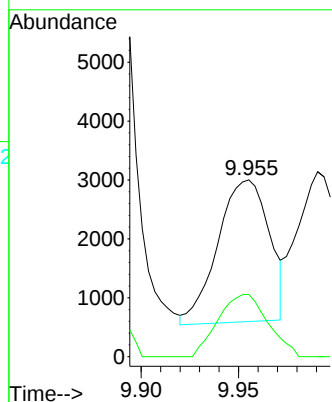
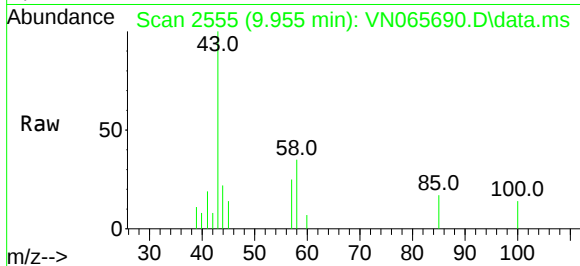




#51
4-Methyl-2-Pentanone
Concen: 1.39 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

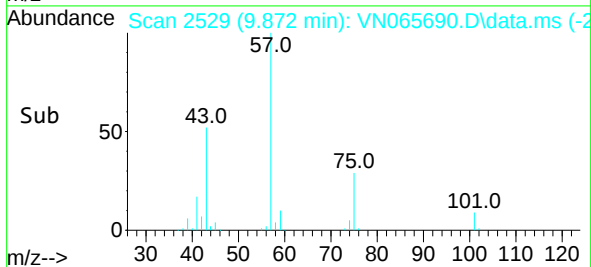
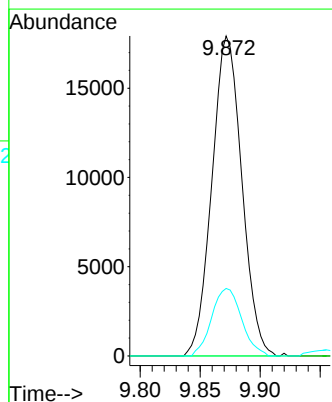
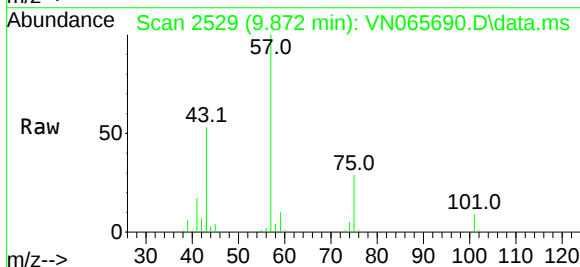
Instrument :
MSVOA_N
ClientSampled :
CRT-17

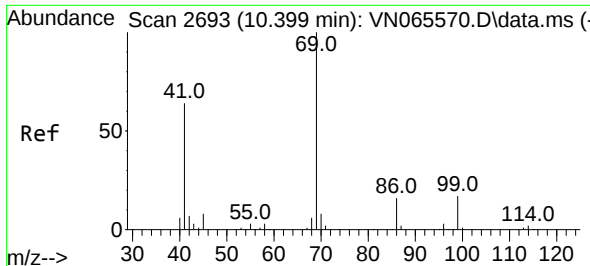
Tgt Ion: 43 Resp: 4431
Ion Ratio Lower Upper
43 100
58 42.2 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.06 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Tgt Ion: 75 Resp: 31024
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 21.1 36.2 54.4#

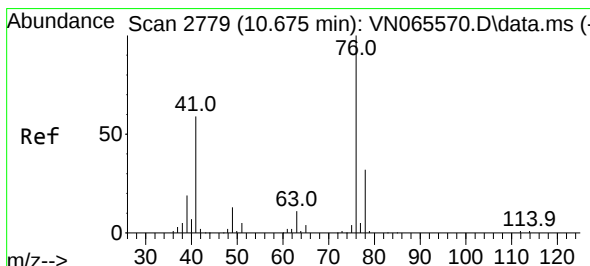
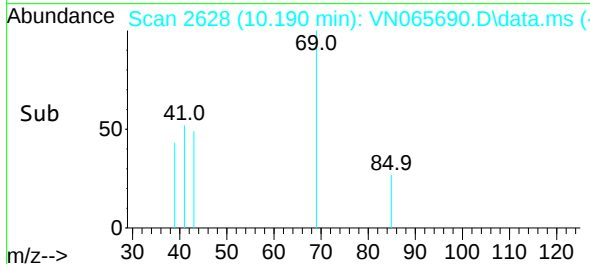
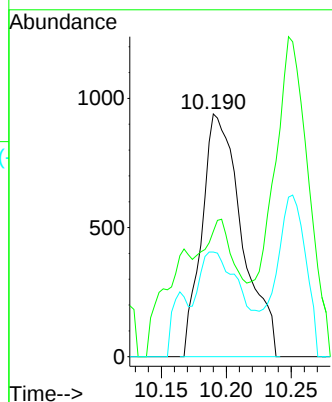
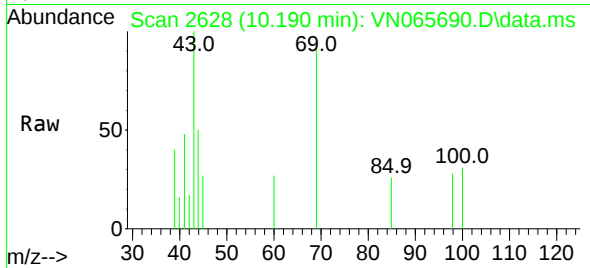




#56
Ethyl methacrylate
Concen: 0.52 ug/l
RT: 10.190 min Scan# 2628
Delta R.T. -0.209 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

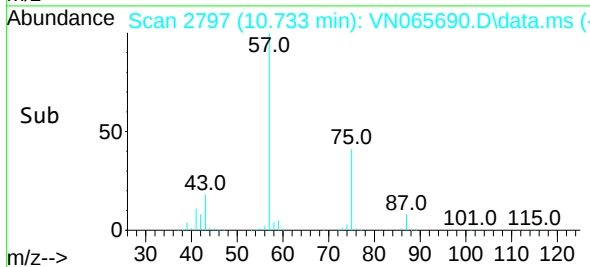
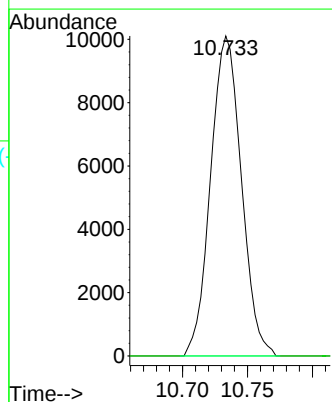
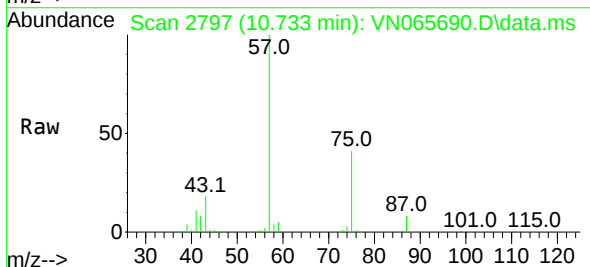
Instrument :
MSVOA_N
ClientSampled :
CRT-17

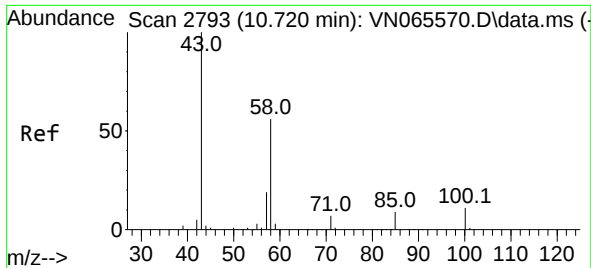
Tgt Ion: 69 Resp: 2018
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 47.7 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 4.02 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

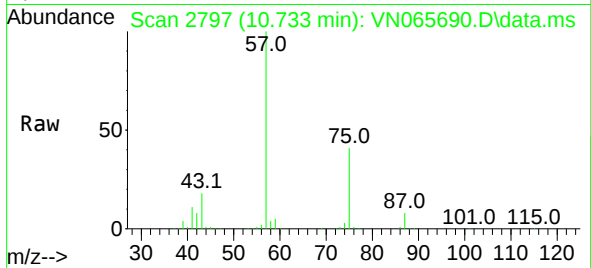
Tgt Ion: 76 Resp: 16627
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



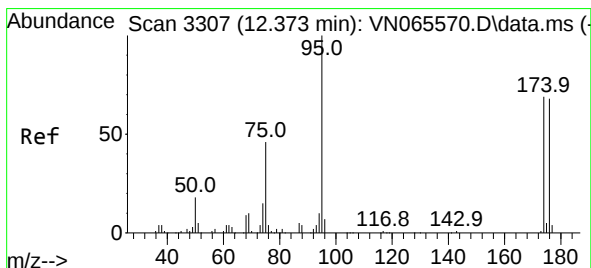
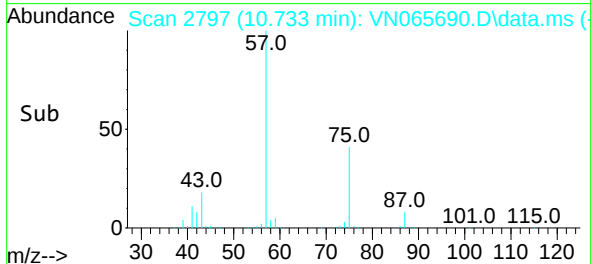
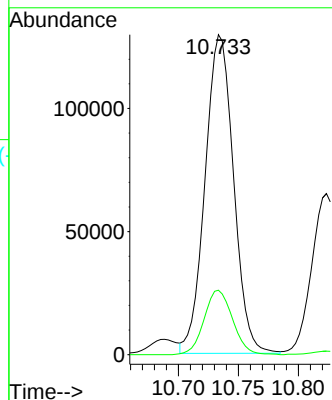


#59
2-Hexanone
Concen: 96.60 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Instrument :
MSVOA_N
ClientSampled :
CRT-17

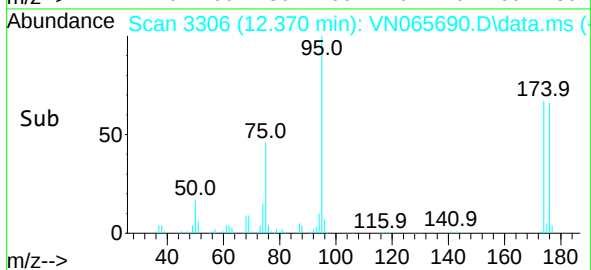
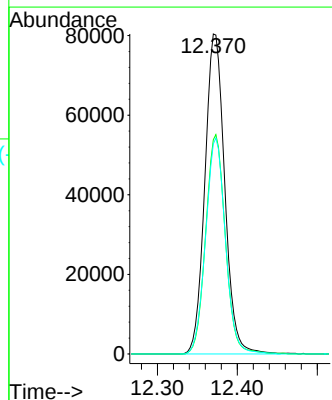
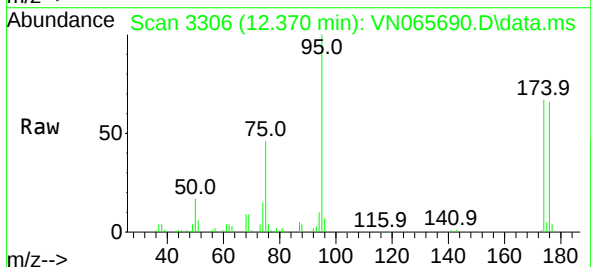


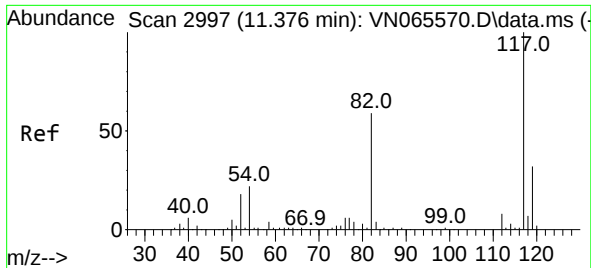
Tgt Ion: 43 Resp: 214034
Ion Ratio Lower Upper
43 100
58 20.3 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 49.05 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Tgt Ion: 95 Resp: 139127
Ion Ratio Lower Upper
95 100
174 67.9 0.0 169.0
176 67.2 0.0 162.4

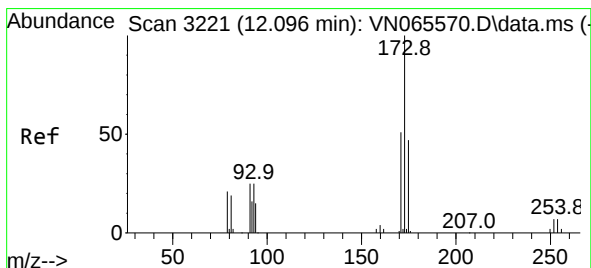
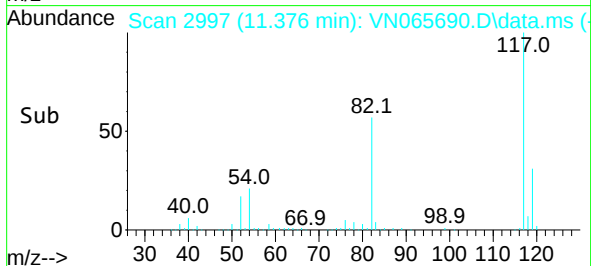
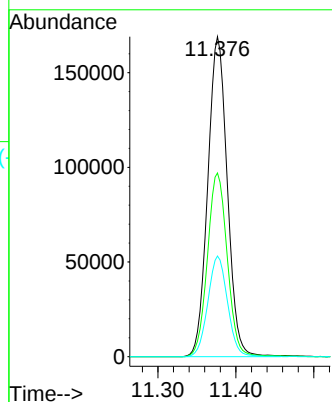
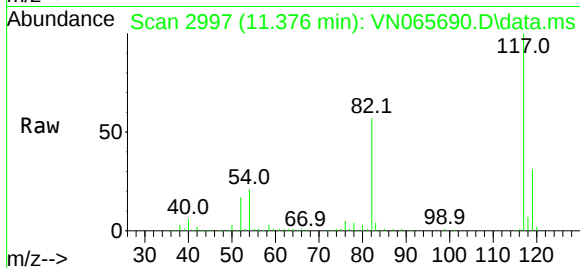




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

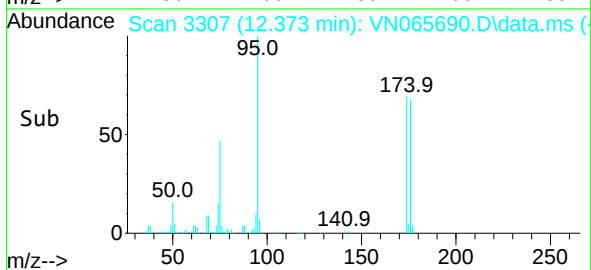
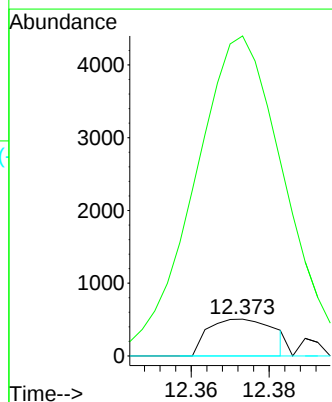
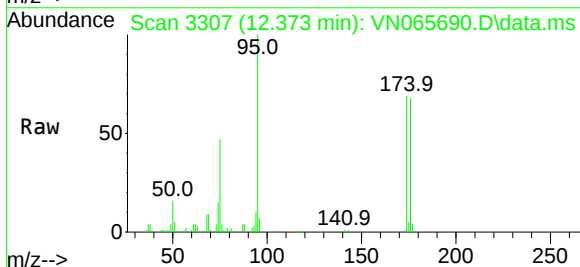
Instrument :
MSVOA_N
ClientSampled :
CRT-17

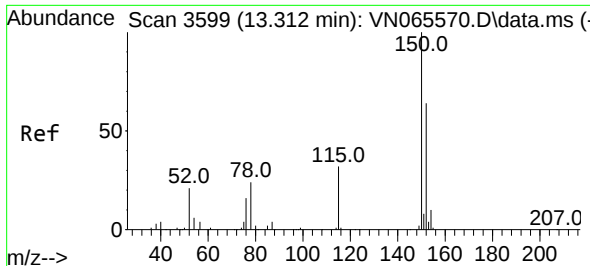
Tgt Ion:117 Resp: 294131
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 31.4 26.1 39.1



#71
Bromoform
Concen: 0.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Tgt Ion:173 Resp: 590
Ion Ratio Lower Upper
173 100
175 1035.6 23.8 71.2#
254 0.0 0.0 0.0

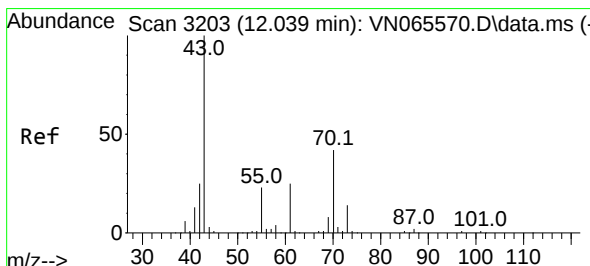
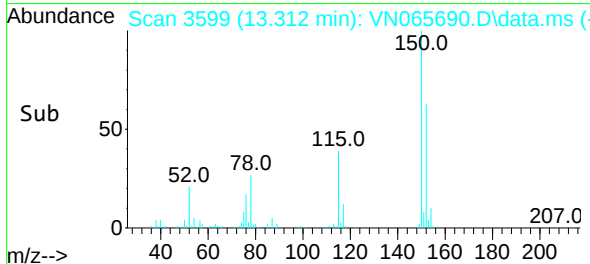
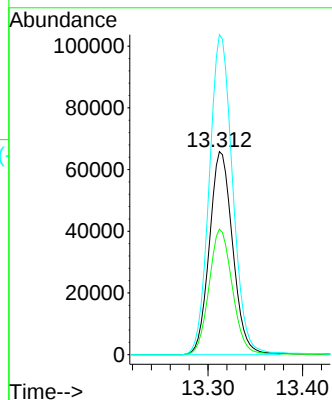
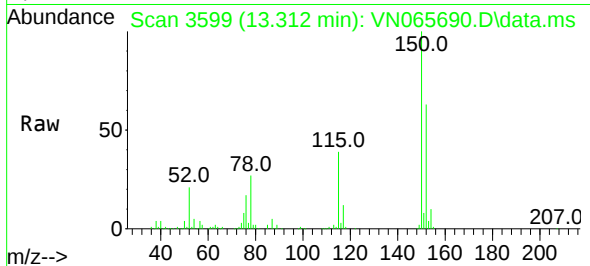




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

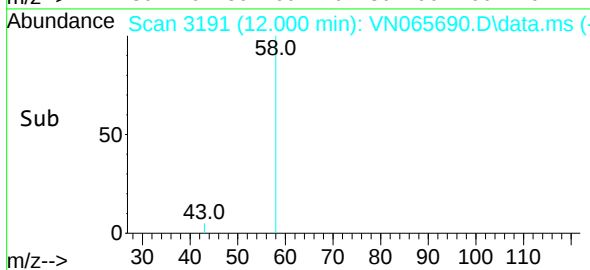
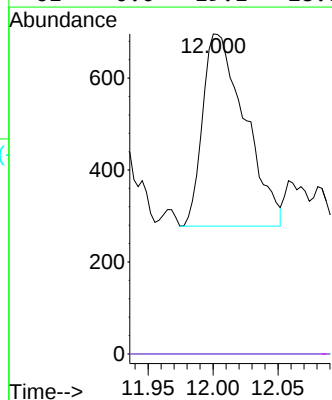
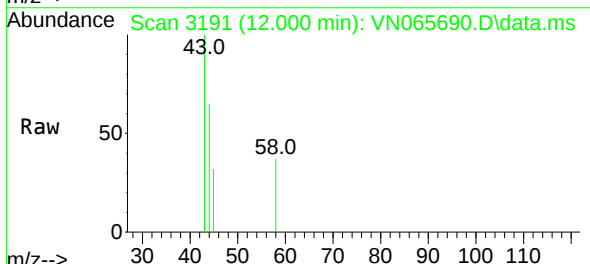
Instrument :
MSVOA_N
ClientSampled :
CRT-17

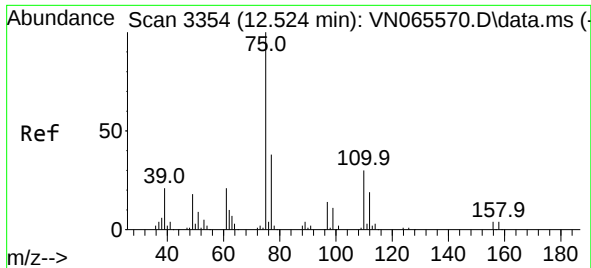
Tgt Ion:152 Resp: 112662
Ion Ratio Lower Upper
152 100
115 62.1 28.5 85.6
150 158.7 0.0 347.6



#74
N-ethyl acetate
Concen: 0.23 ug/l
RT: 12.000 min Scan# 3191
Delta R.T. -0.039 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Tgt Ion: 43 Resp: 945
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#

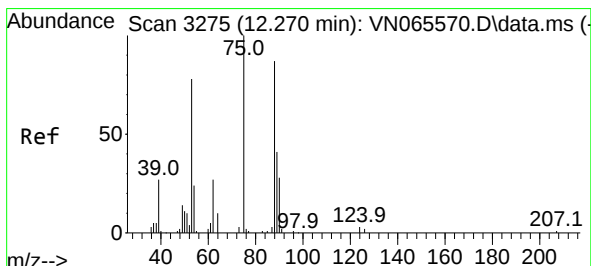
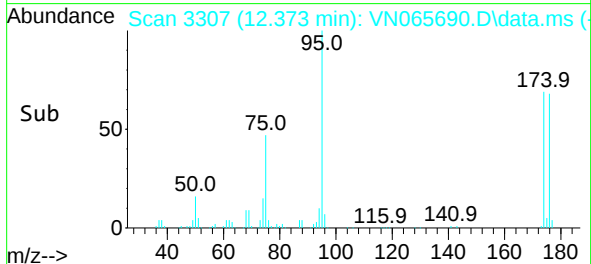
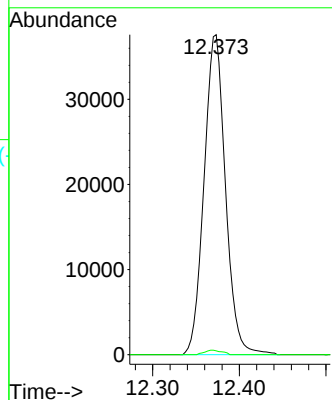
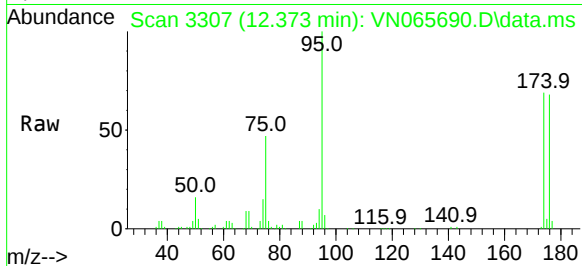




#76
1,2,3-Trichloropropane
Concen: 21.93 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

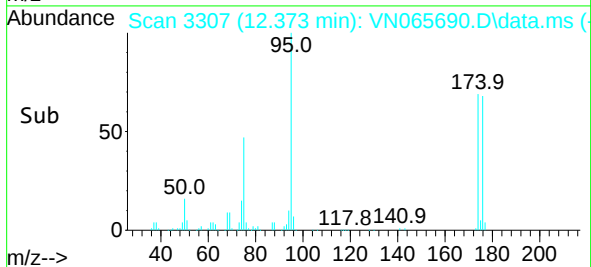
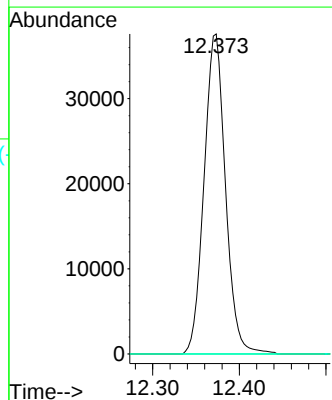
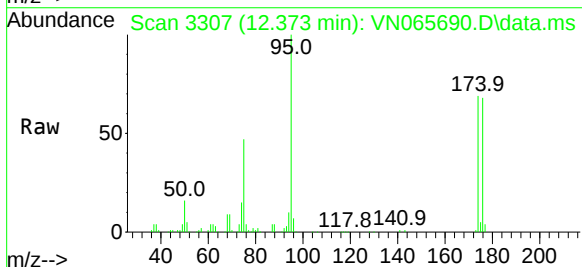
Instrument :
MSVOA_N
ClientSampled :
CRT-17

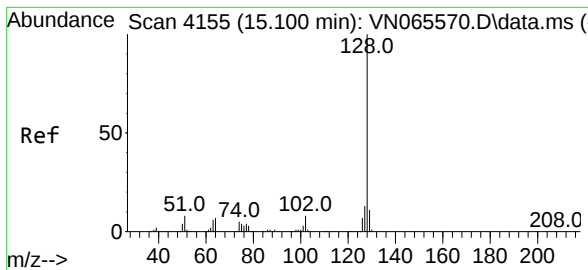
Tgt Ion: 75 Resp: 64594
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.16 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

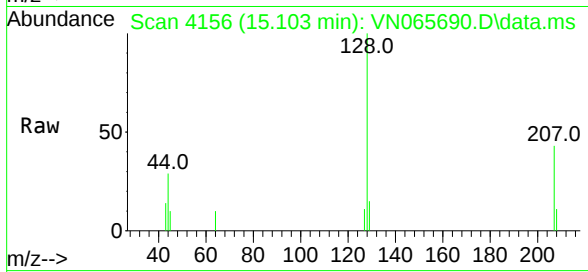
Tgt Ion: 75 Resp: 64594
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 3.90 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065690.D
Acq: 29 Jan 2021 20:33

Instrument :
MSVOA_N
ClientSampleId :
CRT-17



Tgt Ion:128 Resp: 3486
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.2
129 6.3 8.6 13.0#

