

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065362.D
 Acq On : 31 Dec 2020 22:07
 Operator : JC/MD
 Sample : L5242-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-5(454+26)

Quant Time: Jan 01 01:55:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

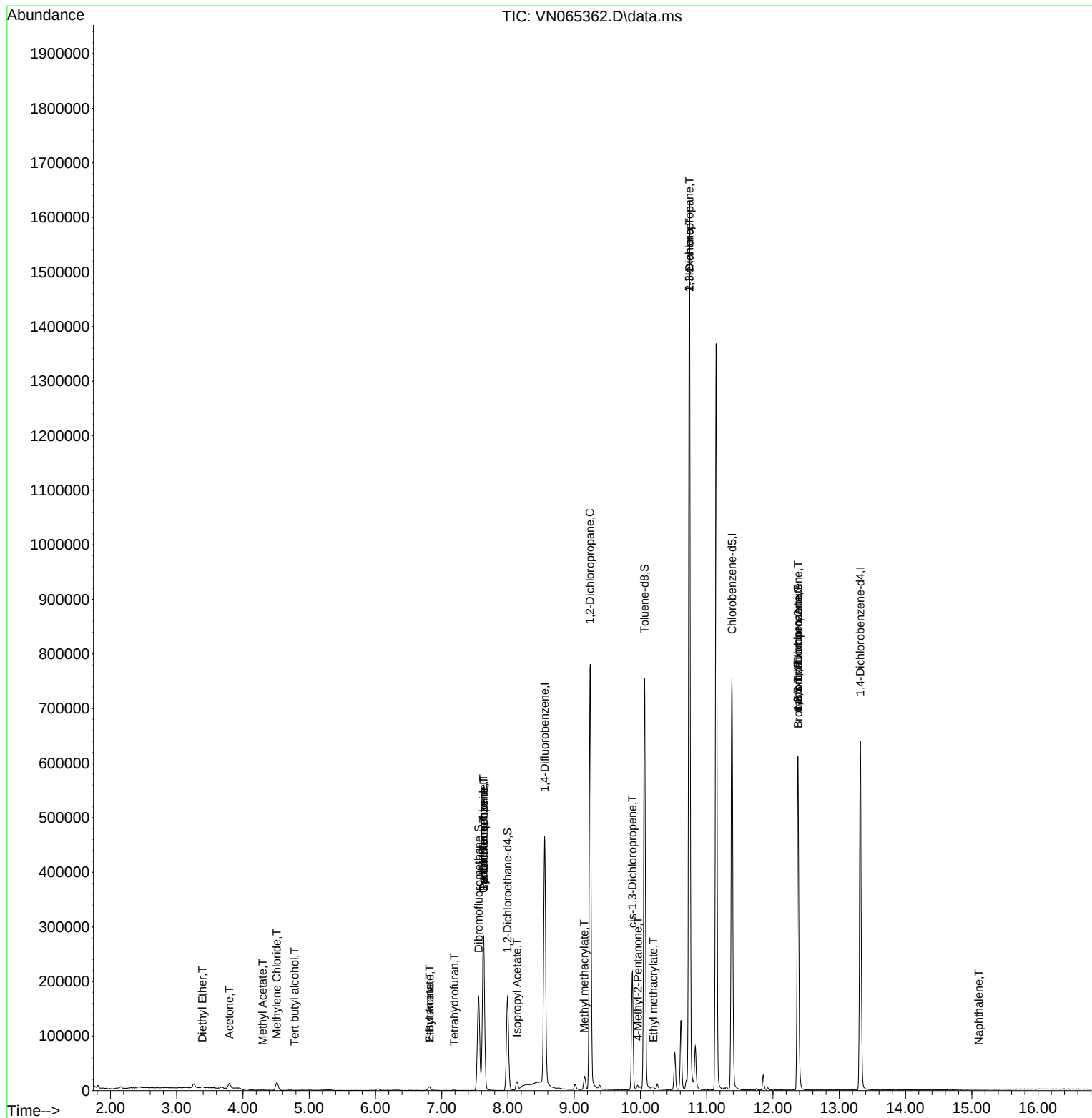
Internal Standards						
1) Pentafluorobenzene	7.630	168	258755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	437009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	470939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	196356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	149537	51.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.38%			
35) Dibromofluoromethane	7.556	113	132553	50.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.56%			
50) Toluene-d8	10.061	98	547588	55.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.84%			
62) 4-Bromofluorobenzene	12.376	95	212846	54.01	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.02%			
Target Compounds						Qvalue
8) Diethyl Ether	3.386	74	430	0.26	ug/l #	1
11) Tert butyl alcohol	4.778	59	129	0.27	ug/l #	73
16) Acetone	3.795	43	14261	0.91	ug/l	91
18) Methyl Acetate	4.299	43	2476	0.94	ug/l #	62
20) Methylene Chloride	4.508	84	11416	4.01	ug/l	98
25) 2-Butanone	6.814	43	5437	3.32	ug/l #	88
29) Tetrahydrofuran	7.190	42	896	0.84	ug/l #	32
31) Cyclohexane	7.627	56	4330	1.00	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	17034	4.29	ug/l #	49
37) Ethyl Acetate	6.814	43	5437	1.38	ug/l #	66
38) Carbon Tetrachloride	7.627	117	21614	5.18	ug/l #	17
43) Isopropyl Acetate	8.135	43	20236	2.98	ug/l	97
45) 1,2-Dichloropropane	9.238	63	942	0.31	ug/l #	43
48) Methyl methacrylate	9.151	41	6157	1.87	ug/l #	22
51) 4-Methyl-2-Pentanone	9.958	43	5931	1.55	ug/l	93
54) cis-1,3-Dichloropropene	9.878	75	41039	7.79	ug/l #	61
56) Ethyl methacrylate	10.196	69	3177	0.70	ug/l #	79
57) 1,3-Dichloropropane	10.736	76	17153	3.53	ug/l #	42
59) 2-Hexanone	10.736	43	239009	85.19	ug/l #	49
71) Bromoform	12.379	173	1383	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	103831	25.92	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	103831	65.36	ug/l #	15
95) Naphthalene	15.106	128	387	3.41	ug/l #	69

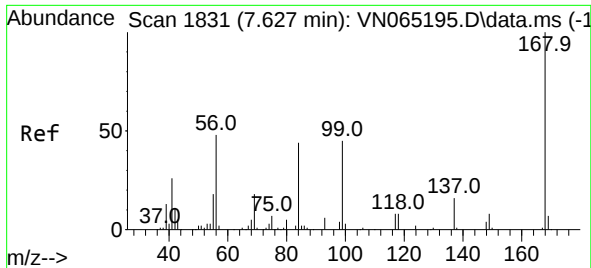
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
Data File : VN065362.D
Acq On : 31 Dec 2020 22:07
Operator : JC/MD
Sample : L5242-19
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

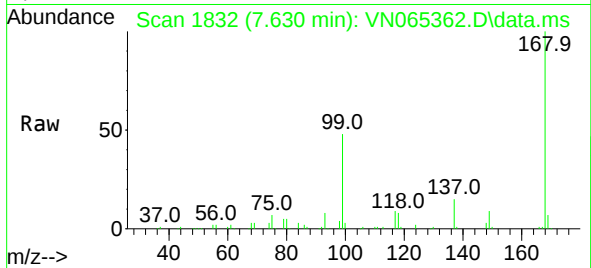
Quant Time: Jan 01 01:55:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration



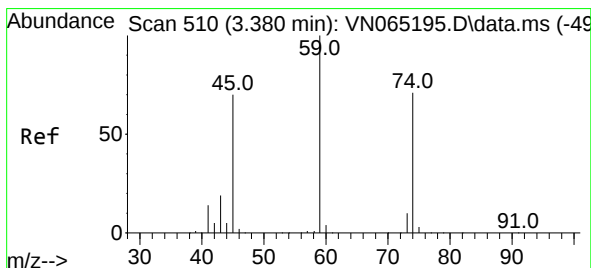
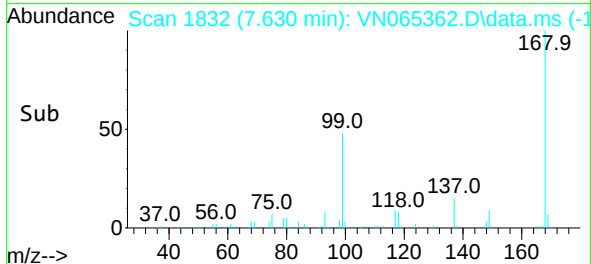
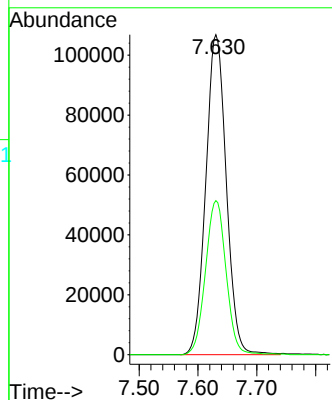


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

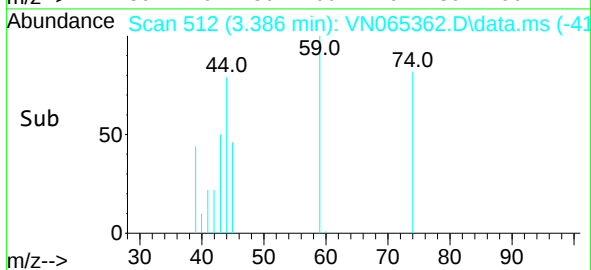
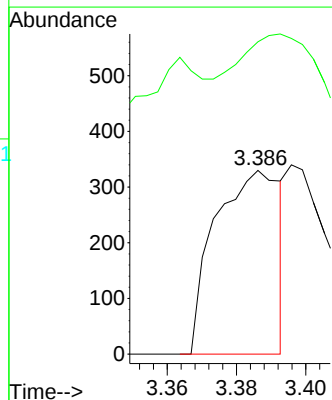
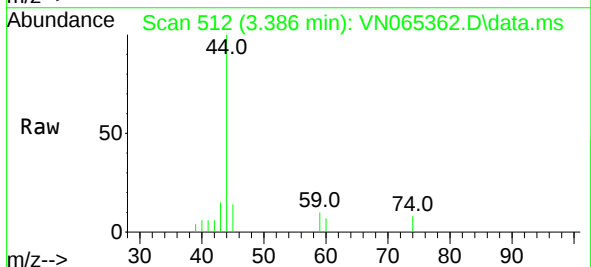


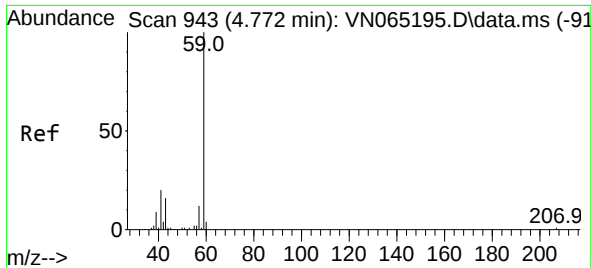
Tgt Ion:168 Resp: 258755
Ion Ratio Lower Upper
168 100
99 48.2 43.0 64.4



#8
Diethyl Ether
Concen: 0.26 ug/l
RT: 3.386 min Scan# 512
Delta R.T. 0.006 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Tgt Ion: 74 Resp: 430
Ion Ratio Lower Upper
74 100
45 0.0 48.9 146.8#

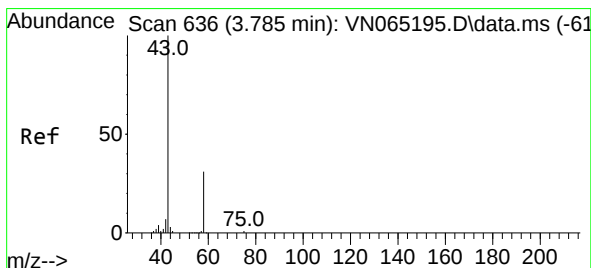
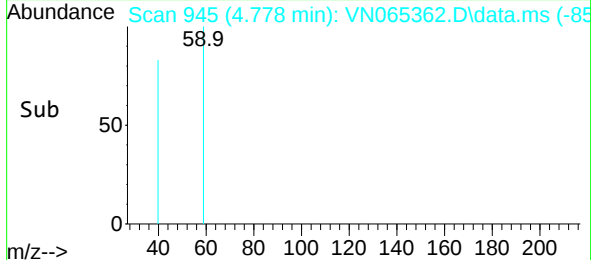
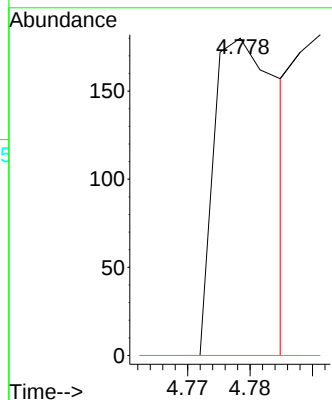
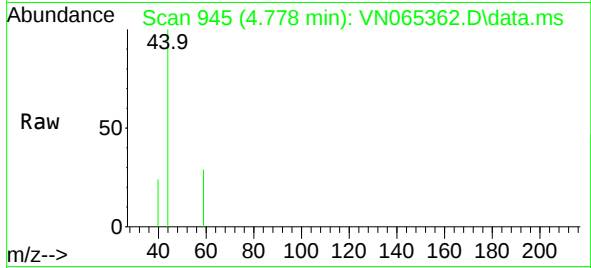




#11
Tert butyl alcohol
Concen: 0.27 ug/l
RT: 4.778 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

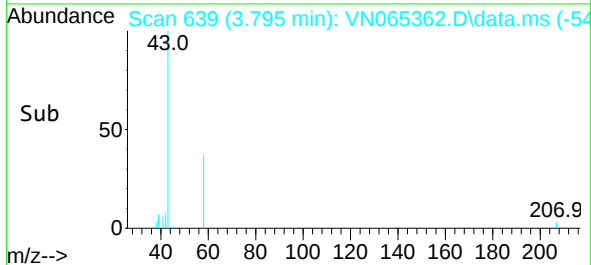
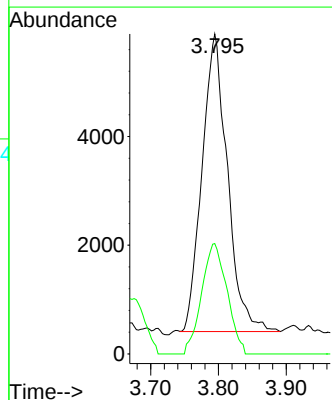
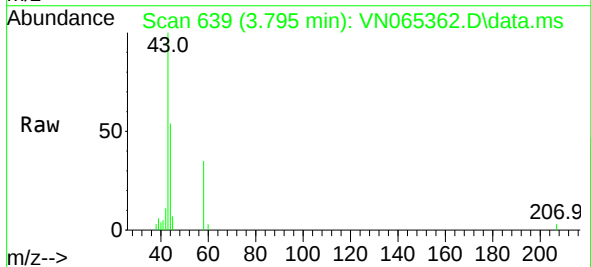
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

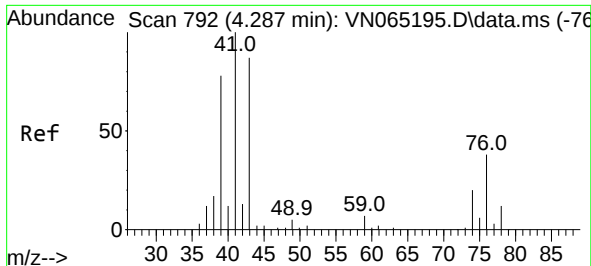
Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 0.91 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

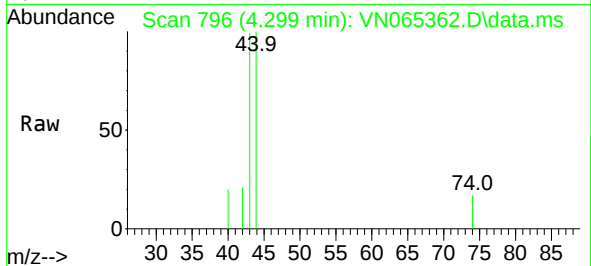
Tgt Ion: 43 Resp: 14261
Ion Ratio Lower Upper
43 100
58 37.1 25.7 38.5



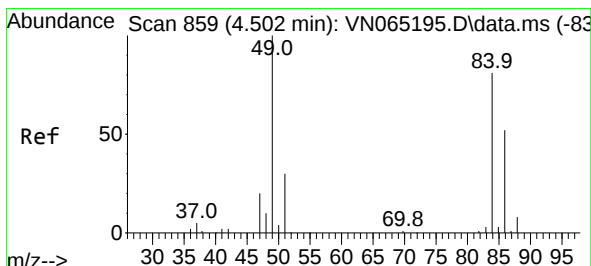
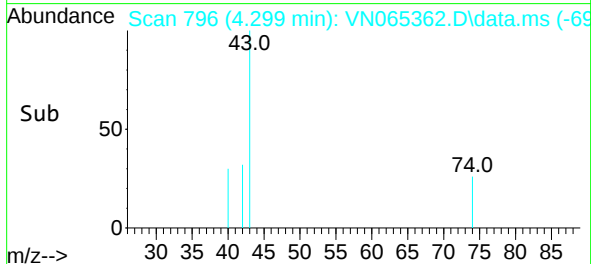
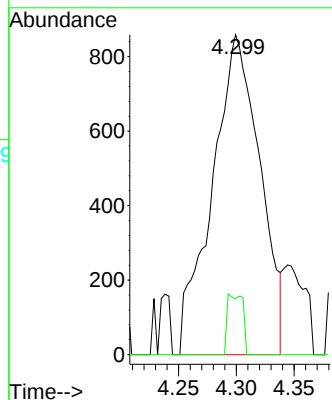


#18
Methyl Acetate
Concen: 0.94 ug/l
RT: 4.299 min Scan# 796
Delta R.T. 0.012 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

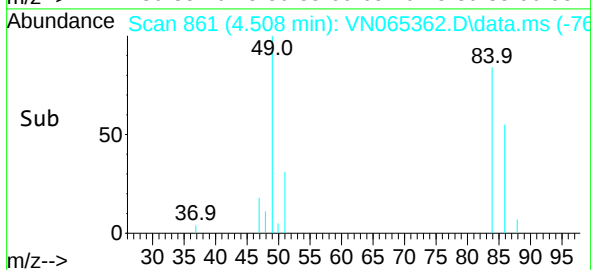
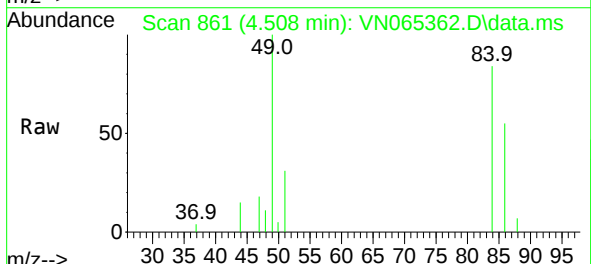
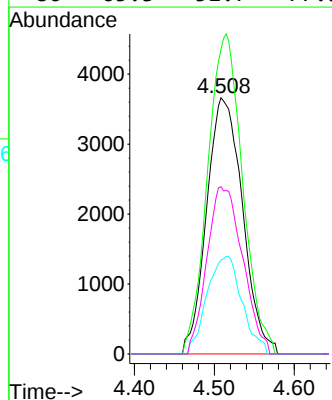


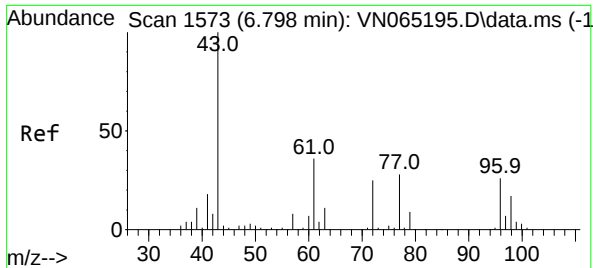
Tgt Ion: 43 Resp: 2476
Ion Ratio Lower Upper
43 100
74 6.1 20.2 30.2#



#20
Methylene Chloride
Concen: 4.01 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Tgt Ion: 84 Resp: 11416
Ion Ratio Lower Upper
84 100
49 118.9 93.4 140.0
51 36.6 28.2 42.4
86 65.3 51.7 77.5

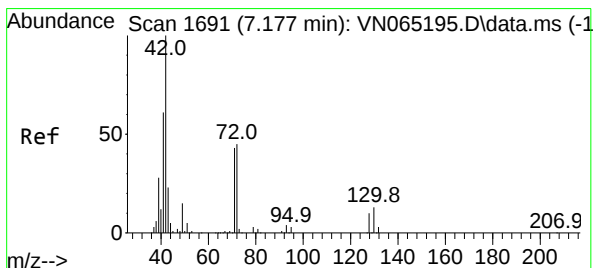
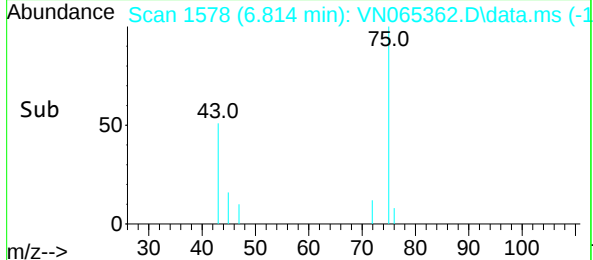
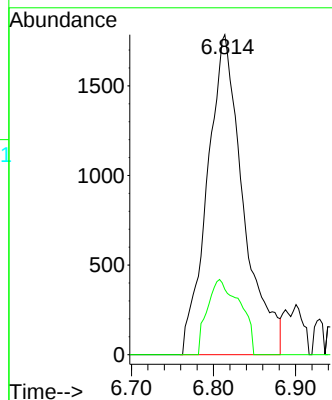
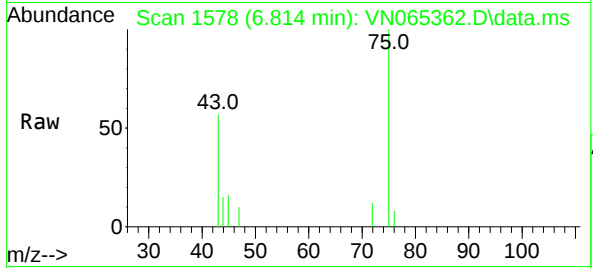




#25
2-Butanone
Concen: 3.32 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

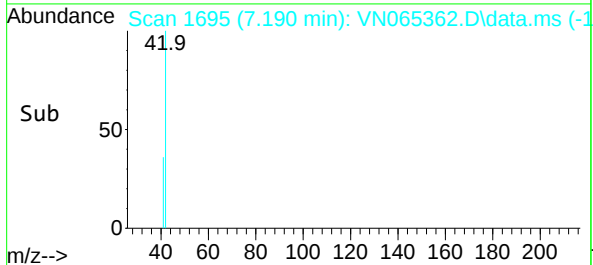
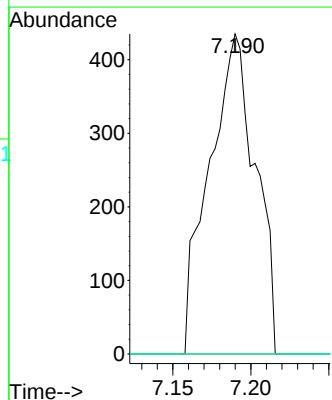
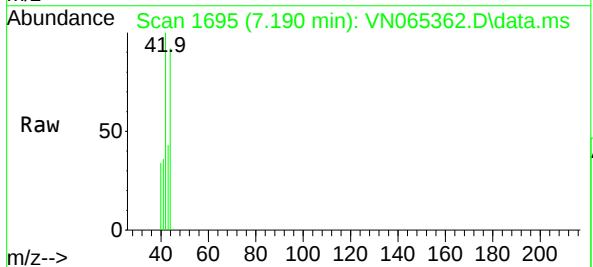
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

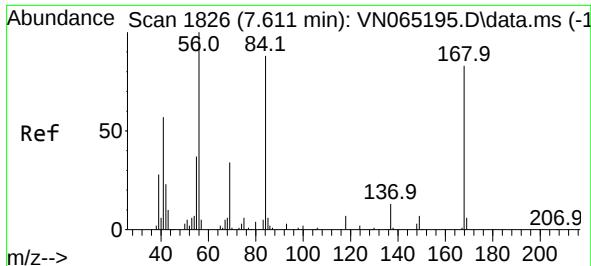
Tgt Ion: 43 Resp: 5437
Ion Ratio Lower Upper
43 100
72 20.4 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.84 ug/l
RT: 7.190 min Scan# 1695
Delta R.T. 0.013 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

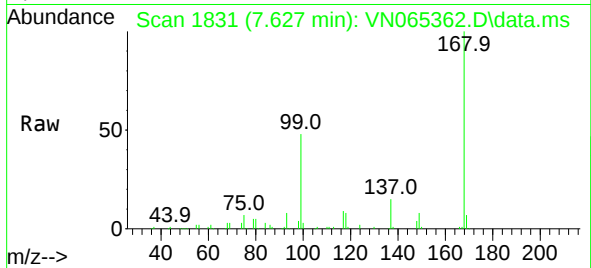
Tgt Ion: 42 Resp: 896
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#



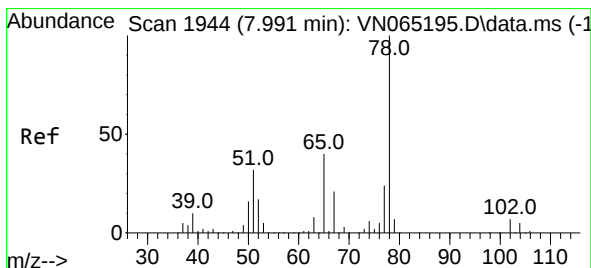
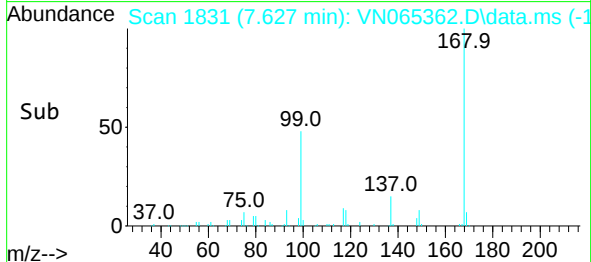
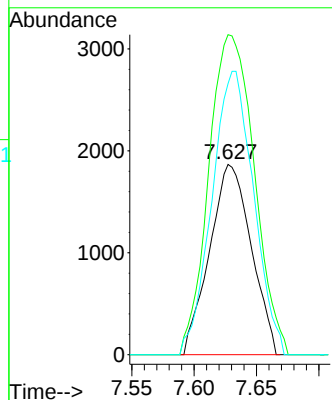


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

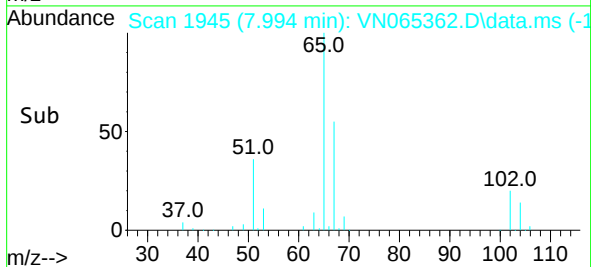
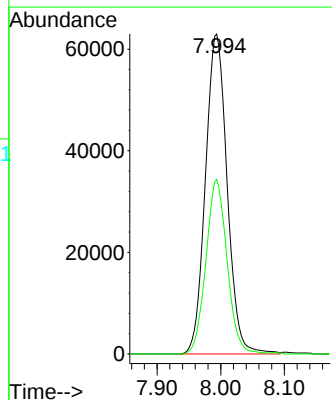
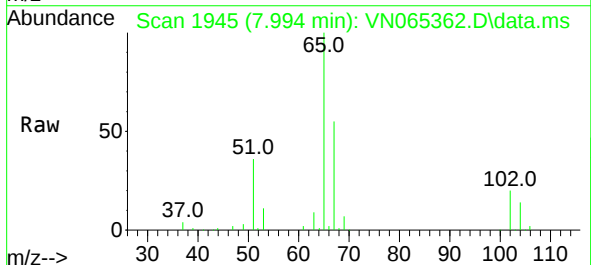


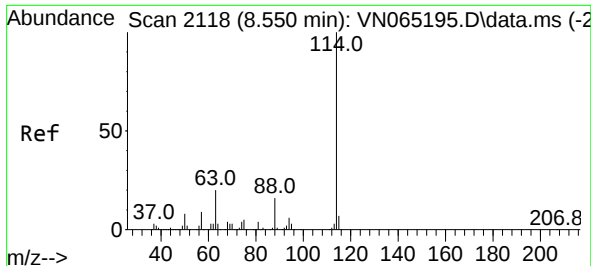
Tgt Ion	Ratio	Lower	Upper
56	100		
69	168.2	27.5	41.3#
84	142.5	73.9	110.9#



#33
1,2-Dichloroethane-d4
Concen: 51.19 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	108.2

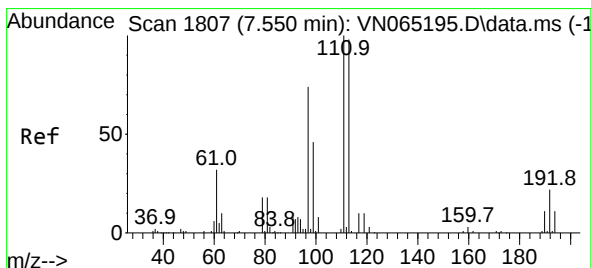
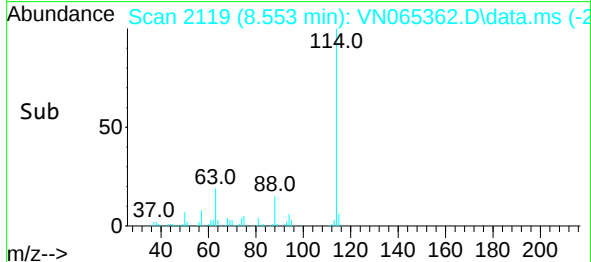
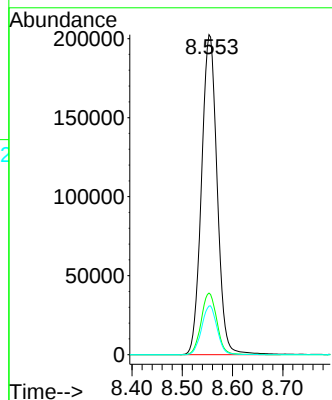
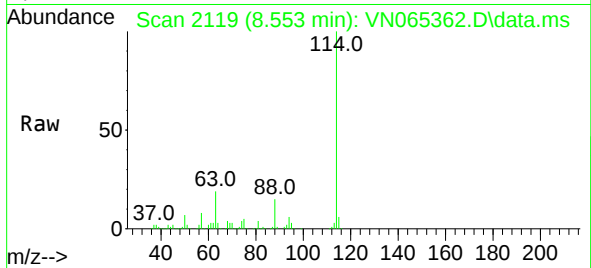




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

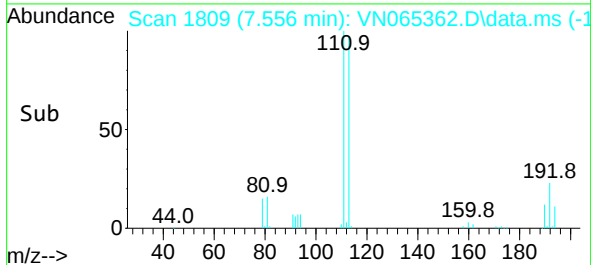
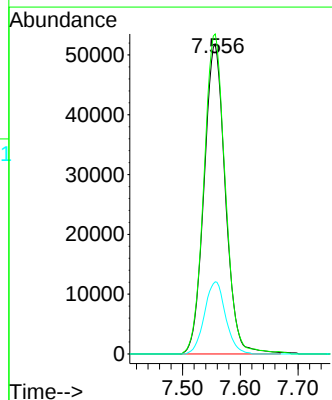
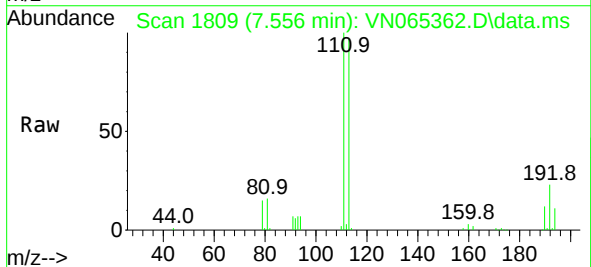
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

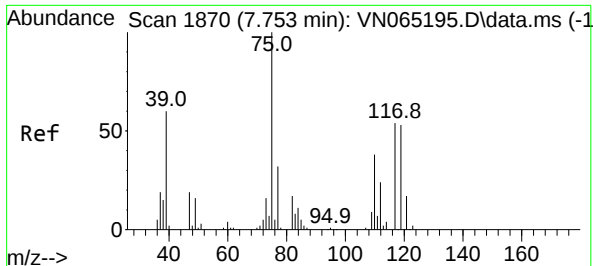
Tgt Ion:114 Resp: 437009
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.28 ug/l
RT: 7.556 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

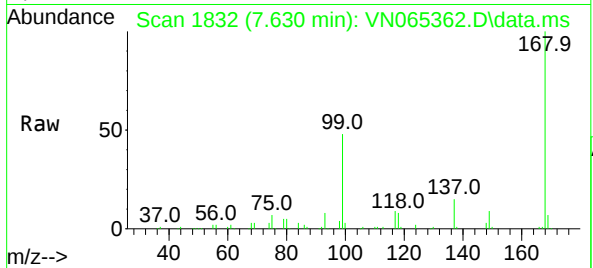
Tgt Ion:113 Resp: 132553
Ion Ratio Lower Upper
113 100
111 103.5 81.6 122.4
192 23.1 16.2 24.2



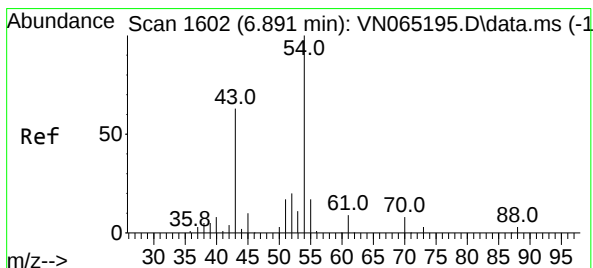
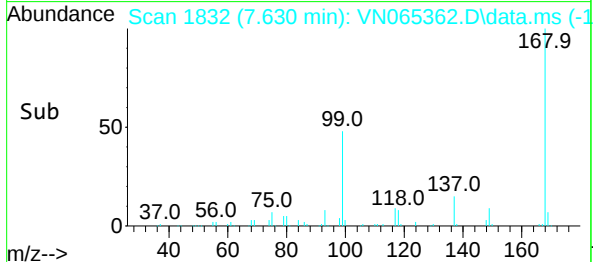
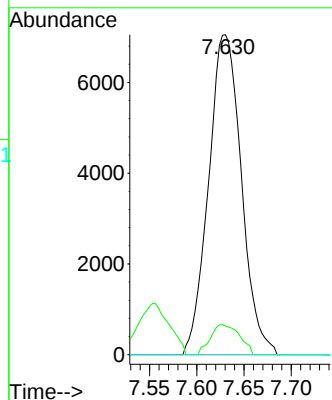


#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

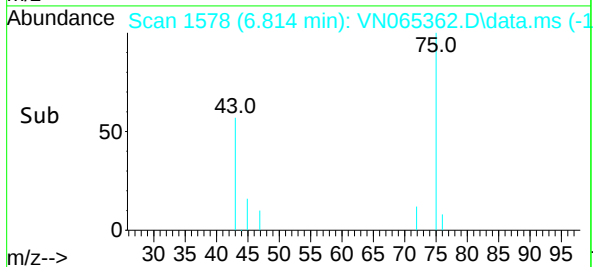
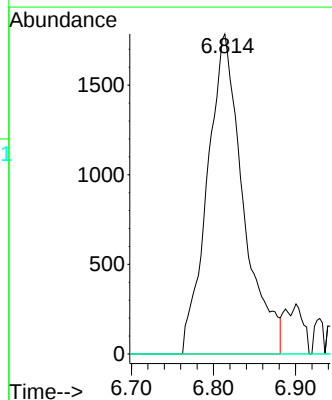
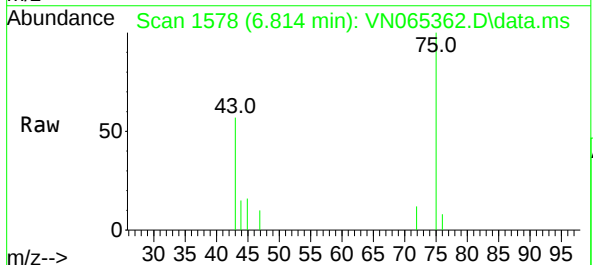


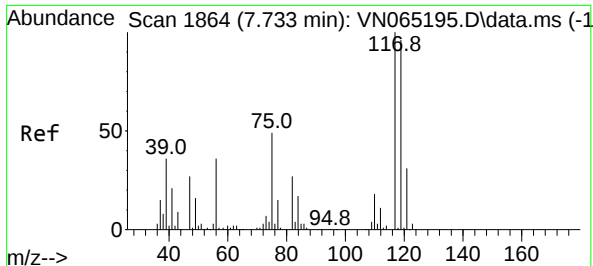
Tgt Ion: 75 Resp: 17034
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.38 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. -0.077 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

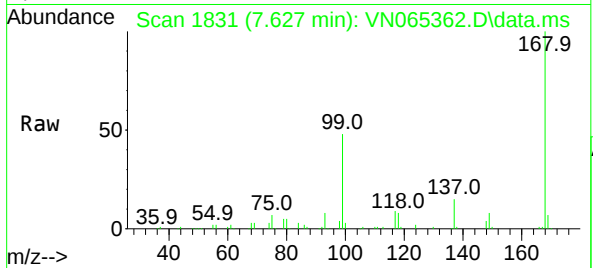
Tgt Ion: 43 Resp: 5437
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



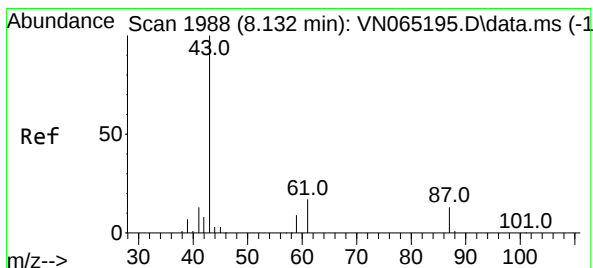
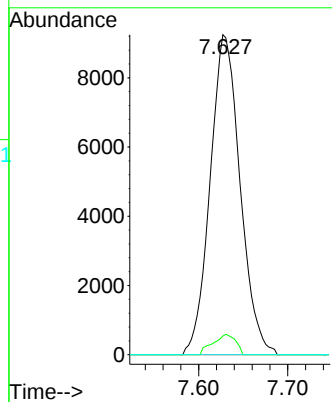
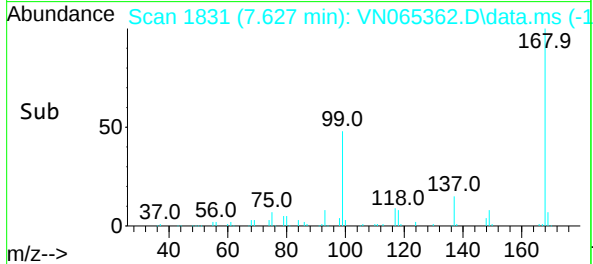


#38
Carbon Tetrachloride
Concen: 5.18 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

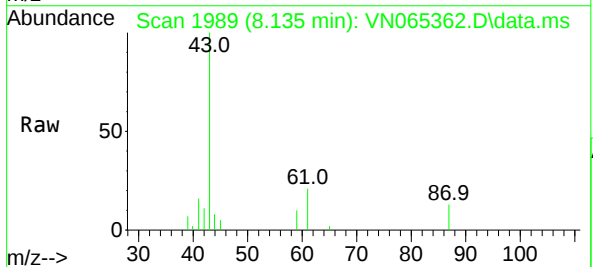
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)



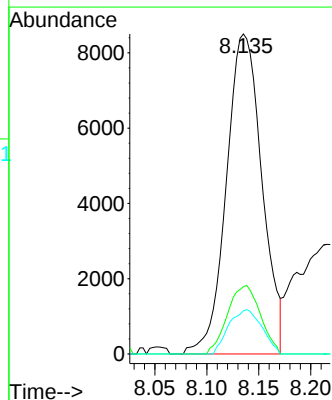
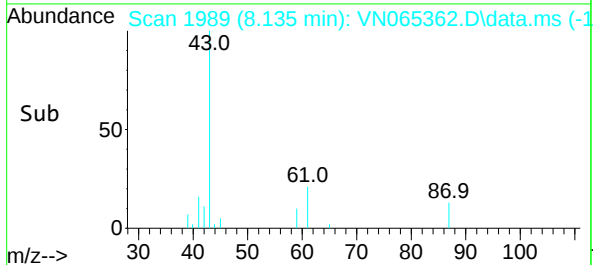
Tgt Ion:117 Resp: 21614
Ion Ratio Lower Upper
117 100
119 5.9 76.7 115.1#
121 0.0 25.4 38.2#

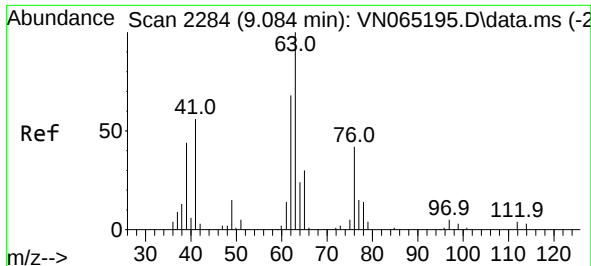


#43
Isopropyl Acetate
Concen: 2.98 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07



Tgt Ion: 43 Resp: 20236
Ion Ratio Lower Upper
43 100
61 19.7 17.2 25.8
87 12.9 11.4 17.0

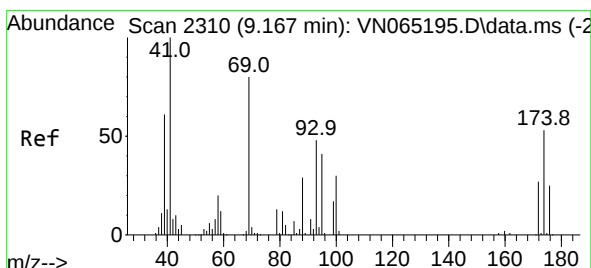
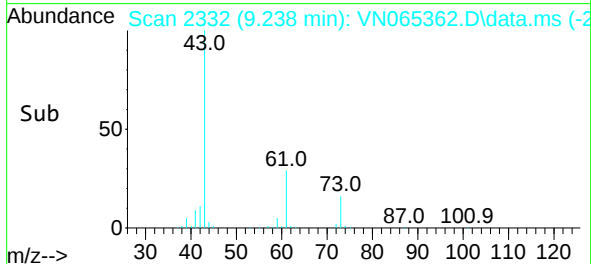
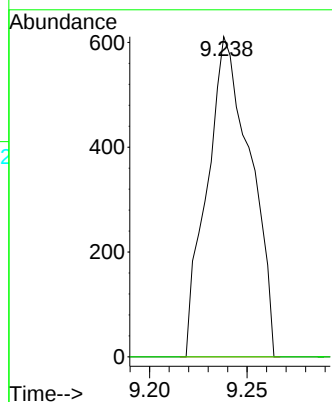
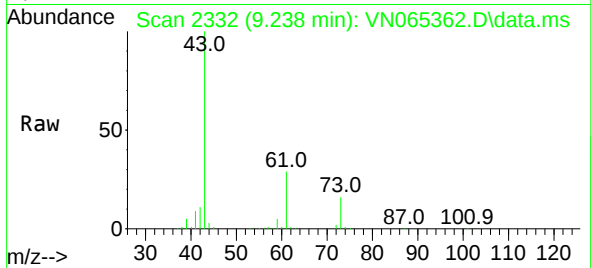




#45
1,2-Dichloropropane
Concen: 0.31 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

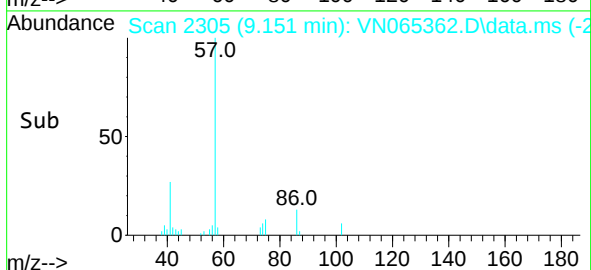
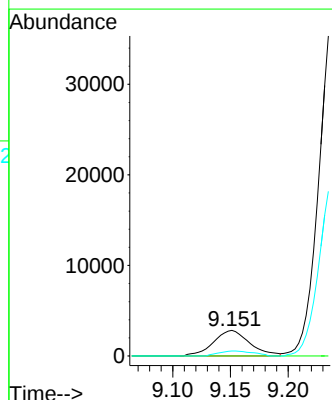
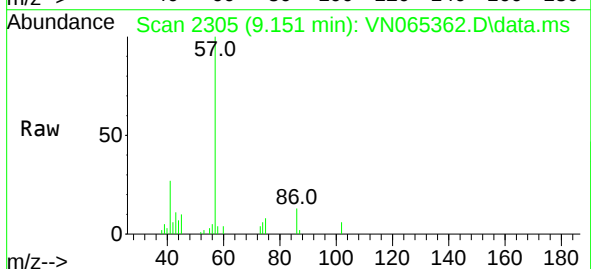
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

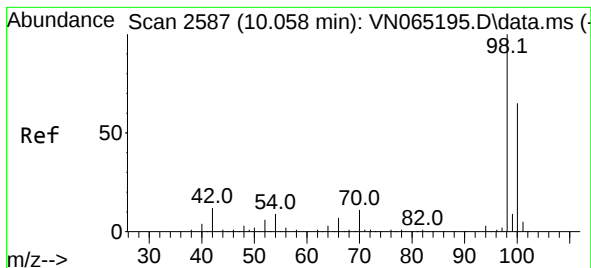
Tgt Ion: 63 Resp: 942
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.87 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Tgt Ion: 41 Resp: 6157
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 18.4 44.1 66.1#

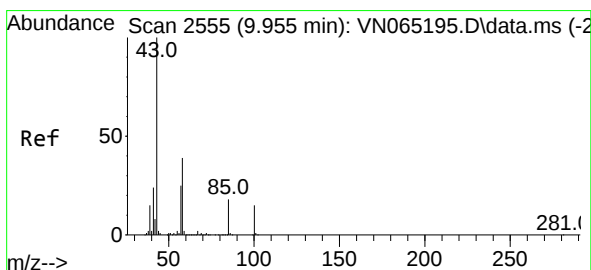
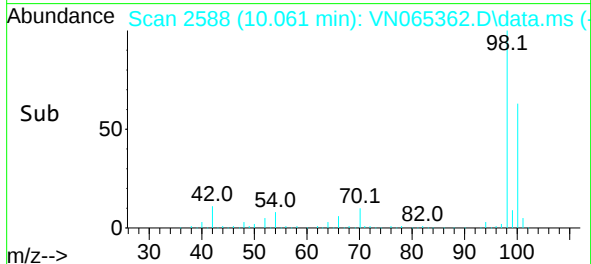
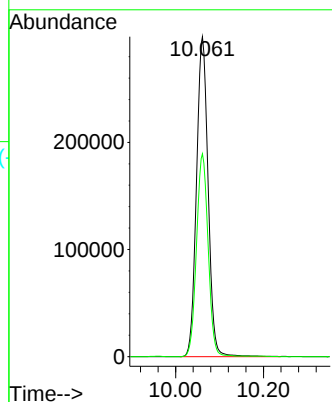
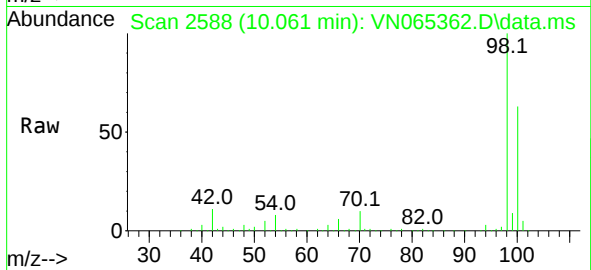




#50
Toluene-d8
Concen: 55.42 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

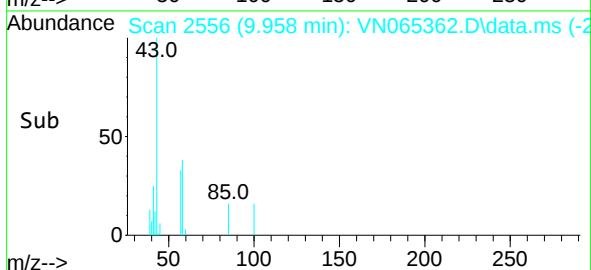
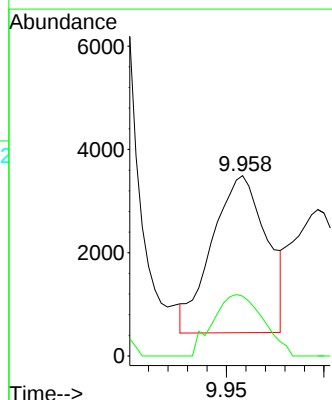
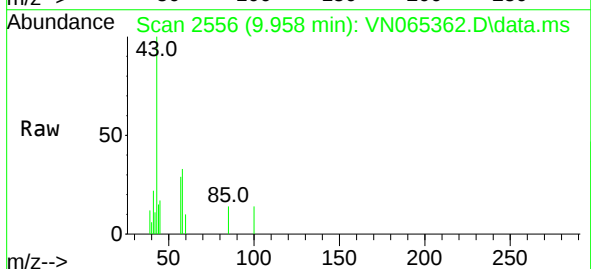
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

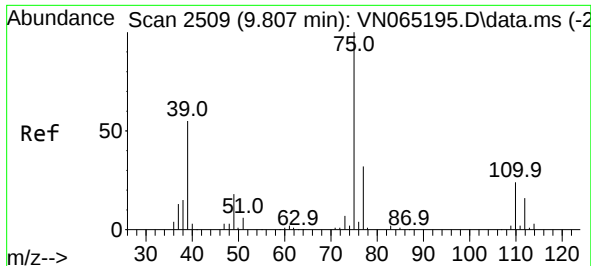
Tgt Ion: 98 Resp: 547588
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.55 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Tgt Ion: 43 Resp: 5931
Ion Ratio Lower Upper
43 100
58 35.9 32.4 48.6

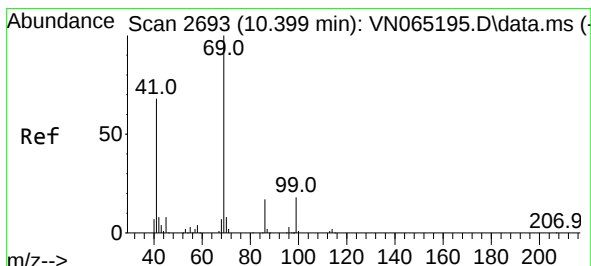
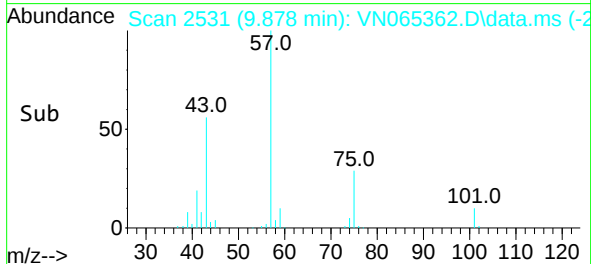
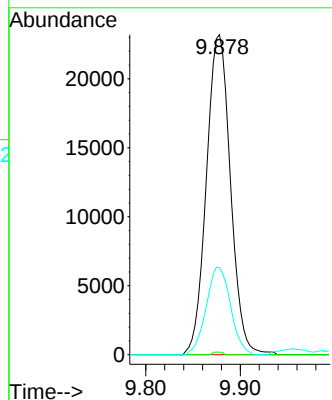
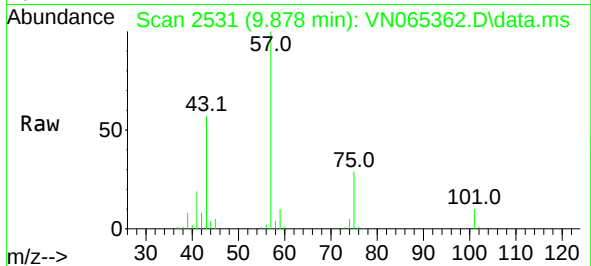




#54
cis-1,3-Dichloropropene
Concen: 7.79 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

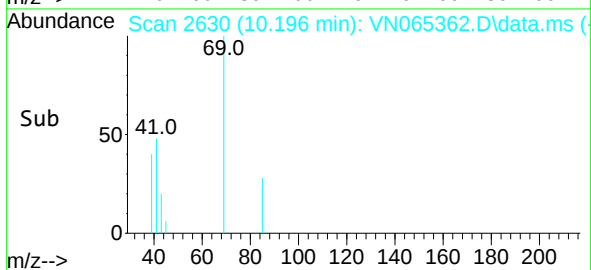
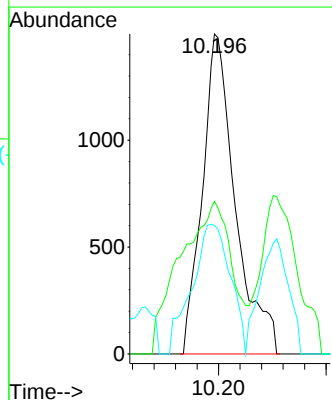
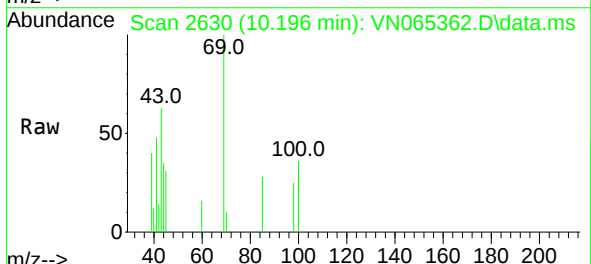
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

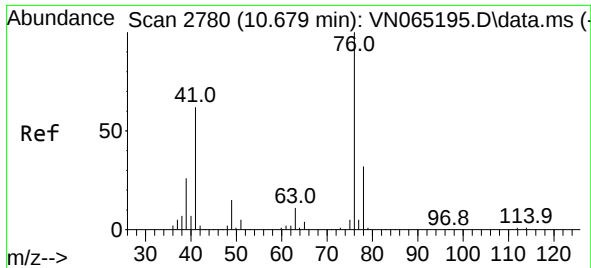
Tgt Ion: 75 Resp: 41039
Ion Ratio Lower Upper
75 100
77 0.8 25.5 38.3#
39 27.2 35.6 53.4#



#56
Ethyl methacrylate
Concen: 0.70 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Tgt Ion: 69 Resp: 3177
Ion Ratio Lower Upper
69 100
41 76.1 49.4 74.0#
39 47.2 25.9 38.9#

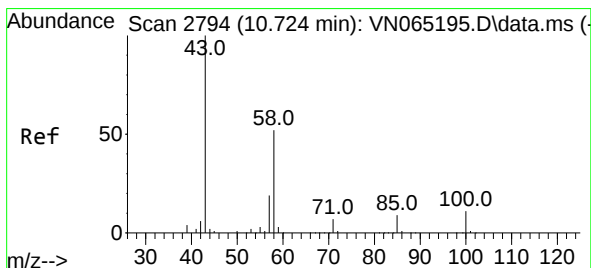
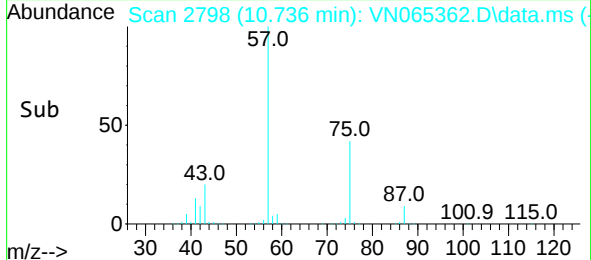
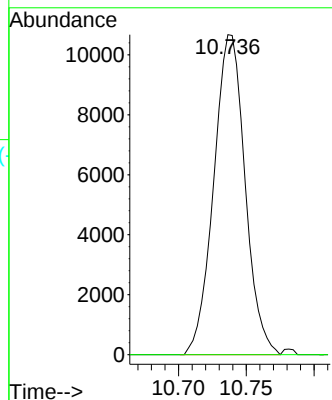
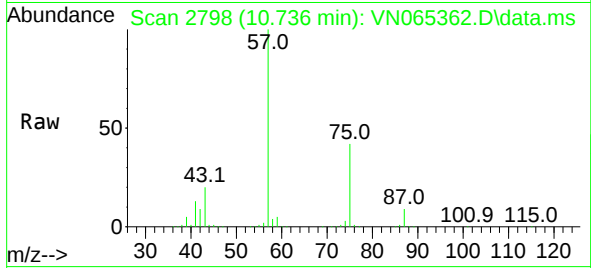




#57
1,3-Dichloropropane
Concen: 3.53 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

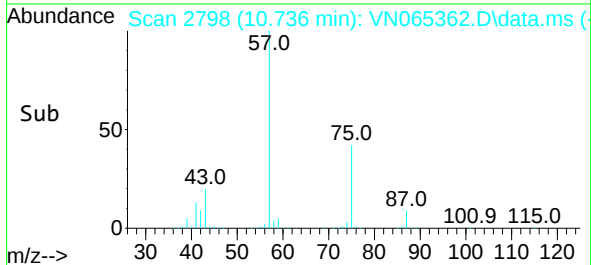
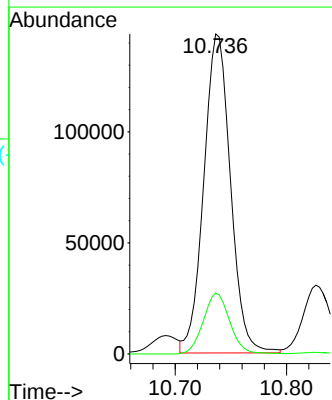
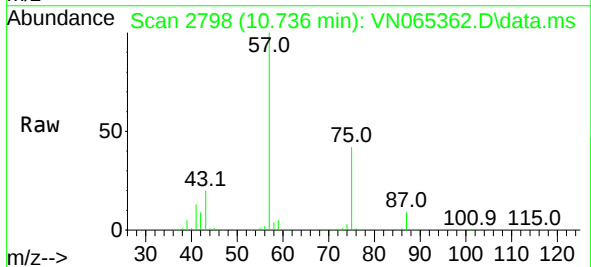
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

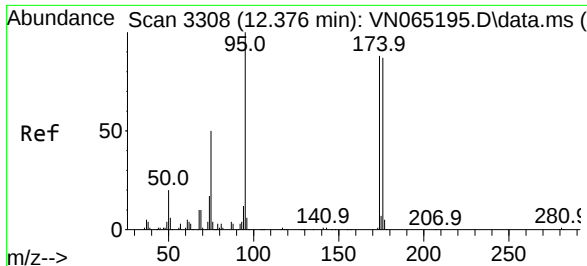
Tgt Ion: 76 Resp: 17153
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 85.19 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Tgt Ion: 43 Resp: 239009
Ion Ratio Lower Upper
43 100
58 18.9 28.3 84.9#

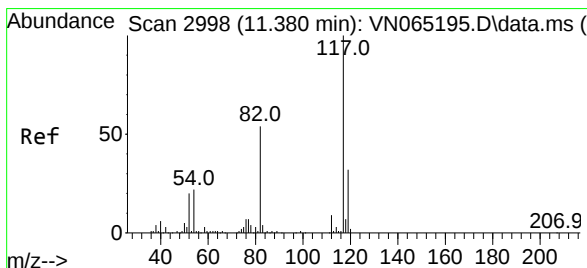
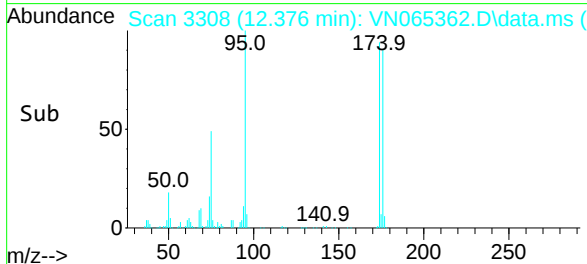
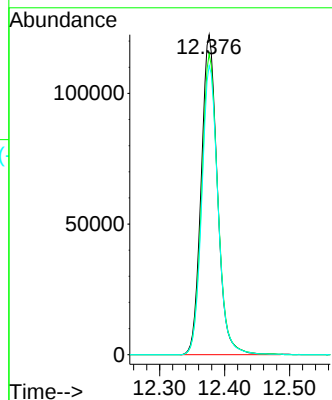
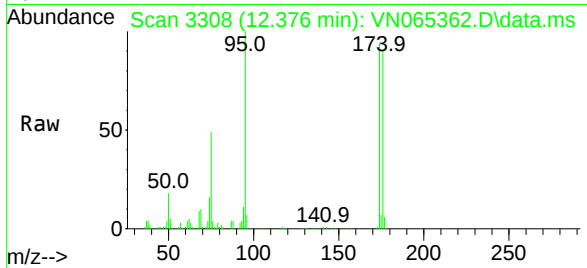




#62
4-Bromofluorobenzene
Concen: 54.01 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

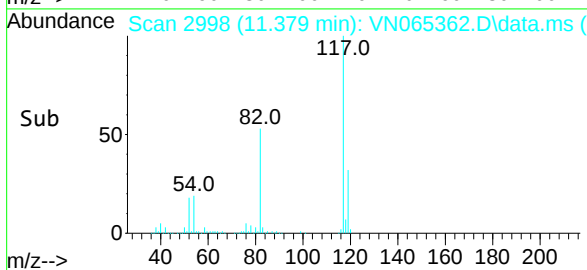
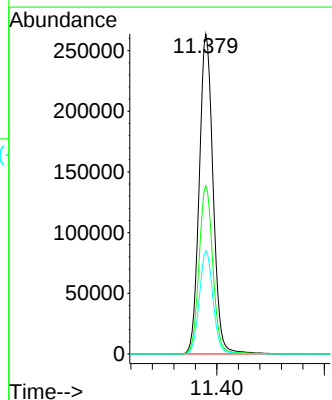
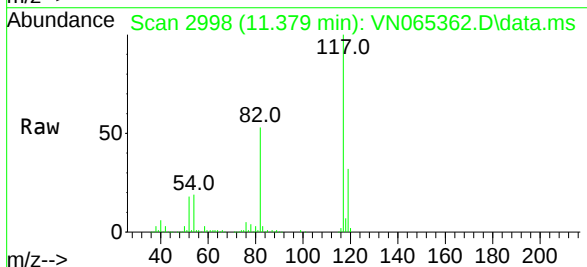
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

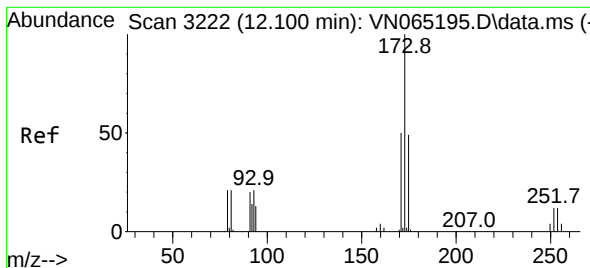
Tgt Ion: 95 Resp: 212846
Ion Ratio Lower Upper
95 100
174 93.9 0.0 160.4
176 90.5 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Tgt Ion: 117 Resp: 470939
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.3 25.8 38.6

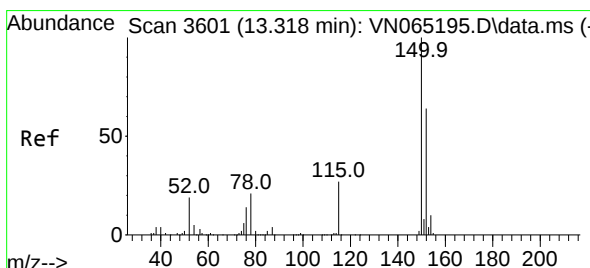
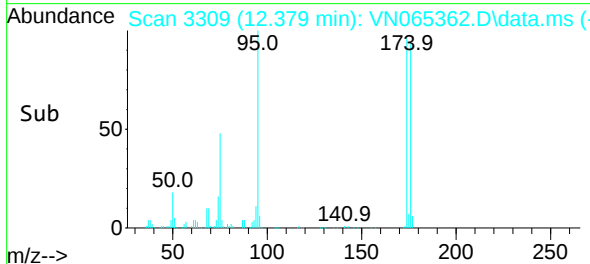
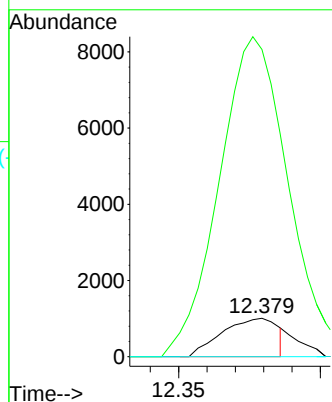
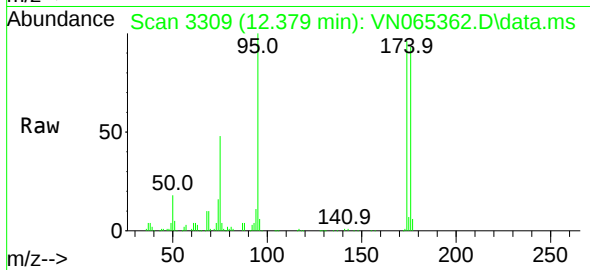




#71
Bromoform
Concen: 0.43 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.279 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

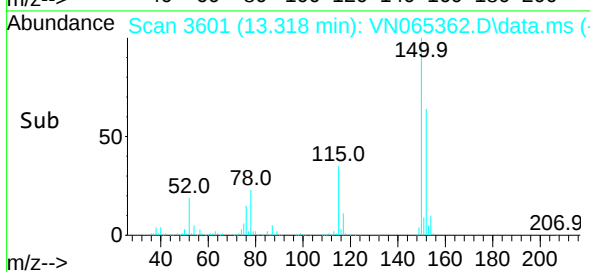
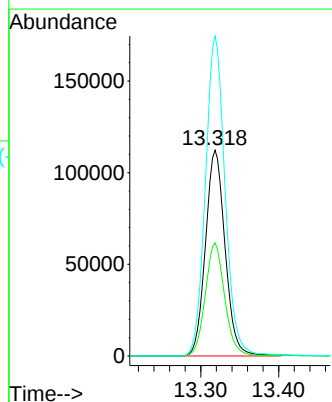
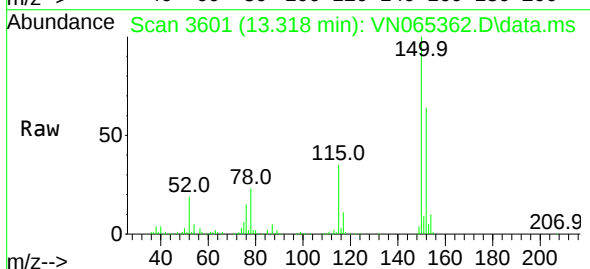
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

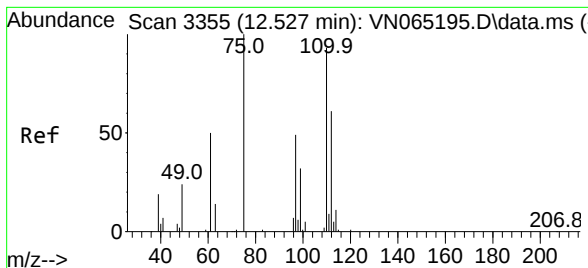
Tgt Ion:173 Resp: 1383
Ion Ratio Lower Upper
173 100
175 849.6 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

Tgt Ion:152 Resp: 196356
Ion Ratio Lower Upper
152 100
115 54.4 29.7 89.1
150 156.5 0.0 350.6

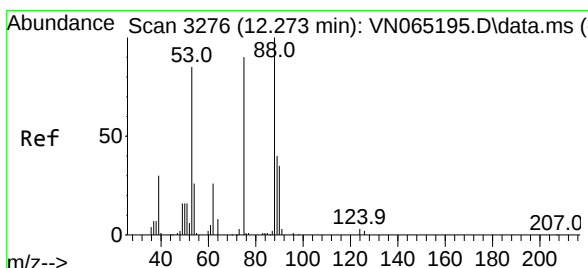
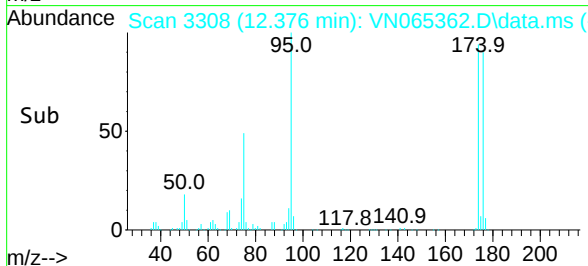
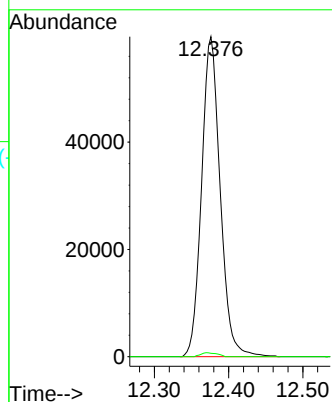
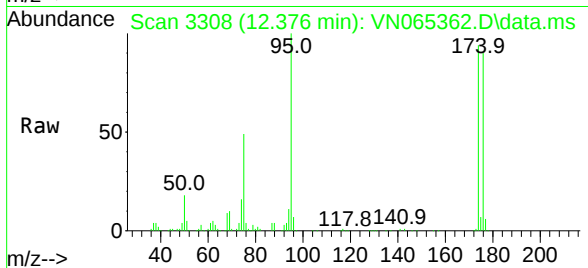




#76
1,2,3-Trichloropropane
Concen: 25.92 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

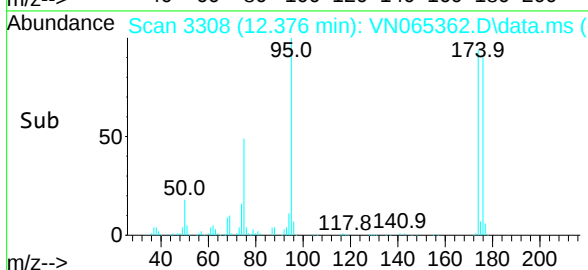
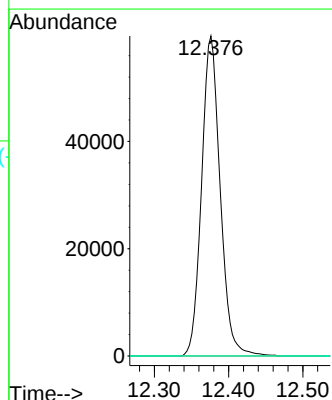
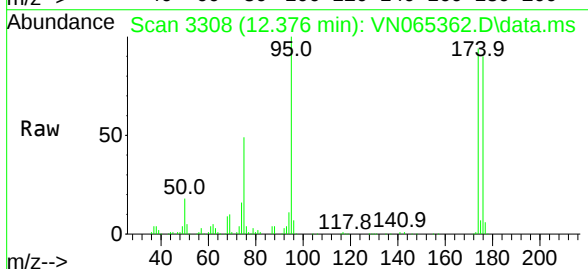
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-5(454+26)

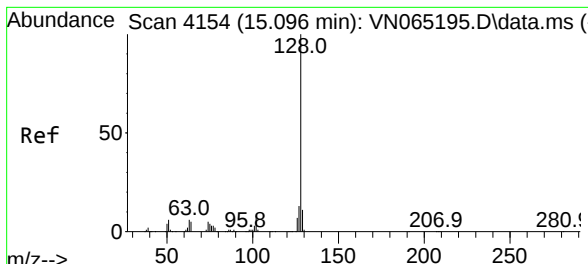
Tgt Ion: 75 Resp: 103831
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.36 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065362.D
Acq: 31 Dec 2020 22:07

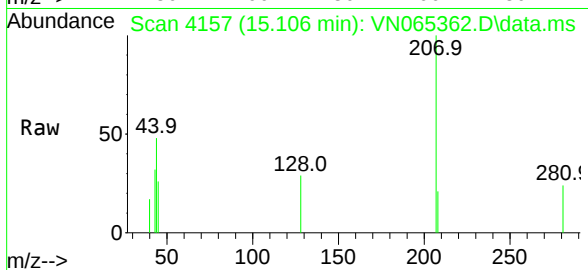
Tgt Ion: 75 Resp: 103831
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
 Naphthalene
 Concen: 3.41 ug/l
 RT: 15.106 min Scan# 4157
 Delta R.T. 0.010 min
 Lab File: VN065362.D
 Acq: 31 Dec 2020 22:07

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-5(454+26)



Tgt Ion:	128	Resp:	387
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

