

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065364.D
 Acq On : 31 Dec 2020 22:57
 Operator : JC/MD
 Sample : L5242-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-7(434+26)

Quant Time: Jan 01 01:56:29 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)

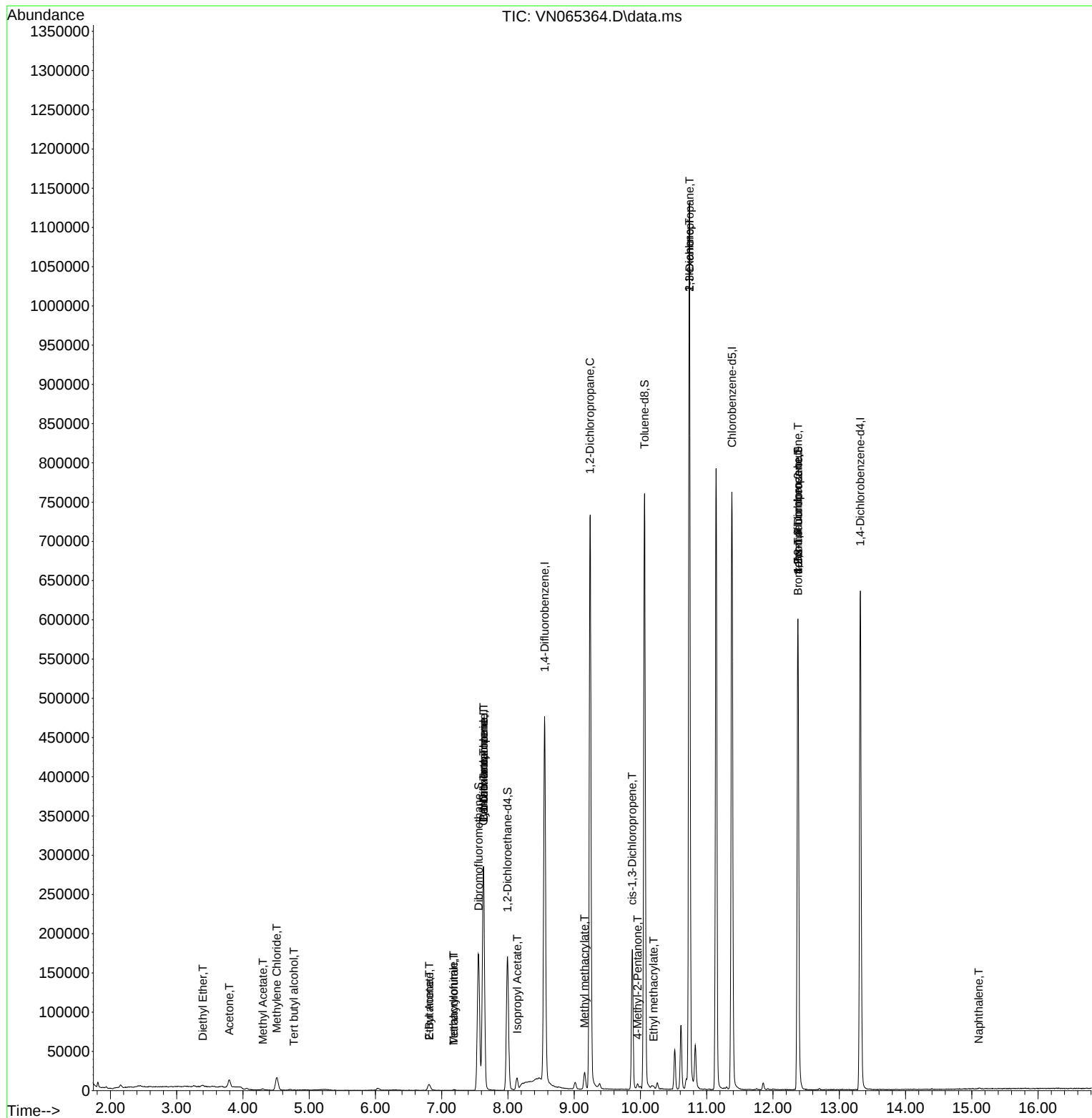
Internal Standards						
1) Pentafluorobenzene	7.631	168	257467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	436395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	469782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	195718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	150029	51.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.24%			
35) Dibromofluoromethane	7.557	113	131947	50.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.24%			
50) Toluene-d8	10.061	98	544578	55.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.38%			
62) 4-Bromofluorobenzene	12.376	95	211002	53.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.30%			
Target Compounds					Qvalue	
8) Diethyl Ether	3.396	74	1007	0.61	ug/l	86
11) Tert butyl alcohol	4.769	59	174	0.37	ug/l #	73
16) Acetone	3.795	43	15517	2.05	ug/l	98
18) Methyl Acetate	4.303	43	3081	1.18	ug/l #	72
20) Methylene Chloride	4.512	84	12947	4.57	ug/l	95
25) 2-Butanone	6.811	43	5960	3.65	ug/l #	89
29) Tetrahydrofuran	7.184	42	590	0.56	ug/l #	49
31) Cyclohexane	7.627	56	4233	0.99	ug/l #	5
36) 1,1-Dichloropropene	7.631	75	16434	4.14	ug/l #	49
37) Ethyl Acetate	6.811	43	5960	1.52	ug/l #	66
38) Carbon Tetrachloride	7.631	117	21799	5.23	ug/l #	17
41) Methacrylonitrile	7.180	41	453	0.22	ug/l #	13
43) Isopropyl Acetate	8.139	43	19560	2.89	ug/l	95
45) 1,2-Dichloropropane	9.238	63	916	0.30	ug/l #	43
48) Methyl methacrylate	9.155	41	5731	1.74	ug/l #	22
51) 4-Methyl-2-Pentanone	9.955	43	5536	1.45	ug/l #	85
54) cis-1,3-Dichloropropene	9.875	75	33505	6.37	ug/l #	61
56) Ethyl methacrylate	10.200	69	2603	0.57	ug/l #	45
57) 1,3-Dichloropropane	10.740	76	12233	2.52	ug/l #	42
59) 2-Hexanone	10.737	43	163934	58.51	ug/l #	49
71) Bromoform	12.380	173	1227	0.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	102737	25.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	102737	64.88	ug/l #	15
95) Naphthalene	15.106	128	1596	3.52	ug/l #	75

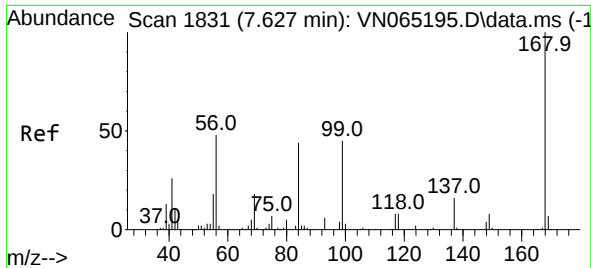
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

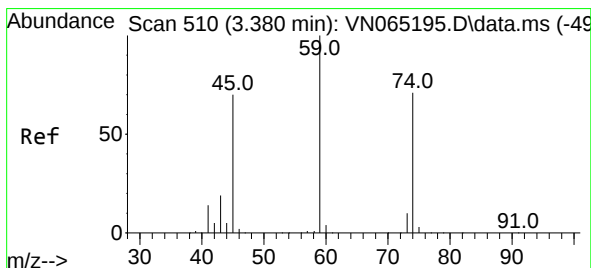
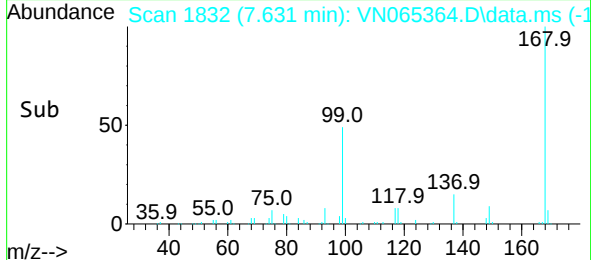
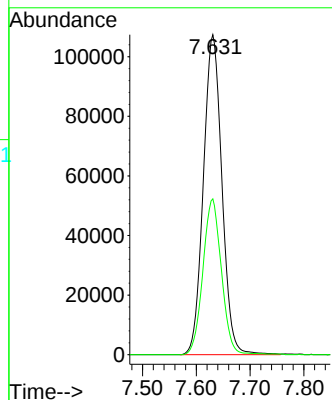
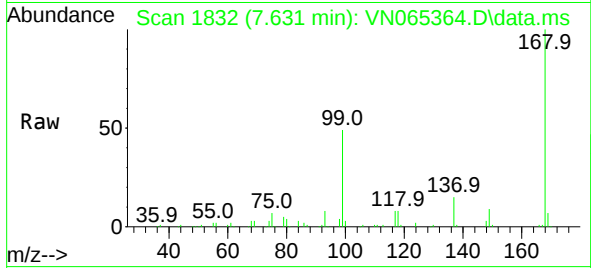




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

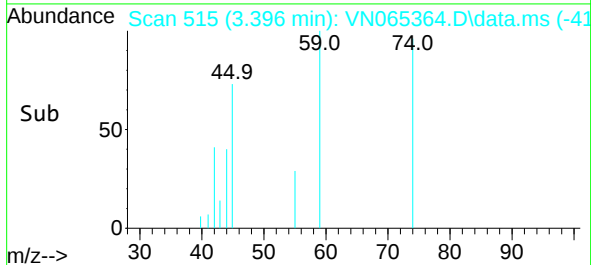
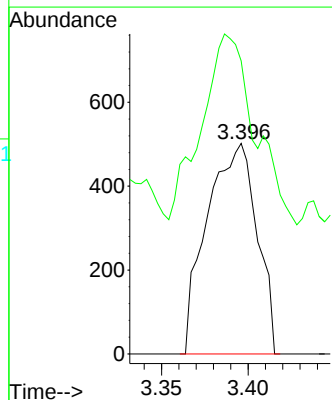
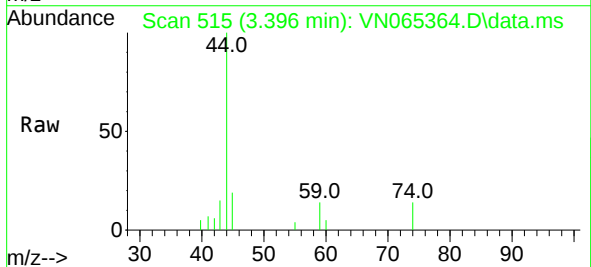
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

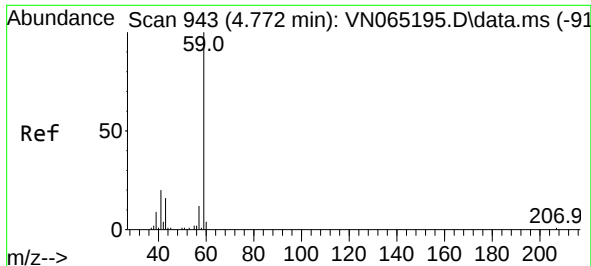
Tgt Ion:168 Resp: 257467
Ion Ratio Lower Upper
168 100
99 48.7 43.0 64.4



#8
Diethyl Ether
Concen: 0.61 ug/l
RT: 3.396 min Scan# 515
Delta R.T. 0.016 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

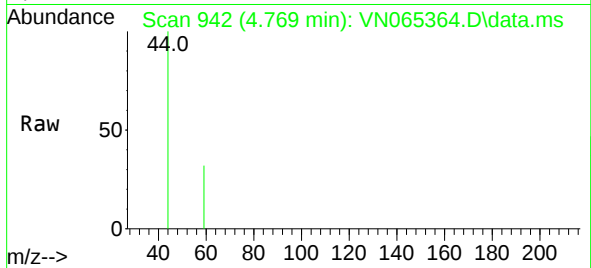
Tgt Ion: 74 Resp: 1007
Ion Ratio Lower Upper
74 100
45 111.8 48.9 146.8



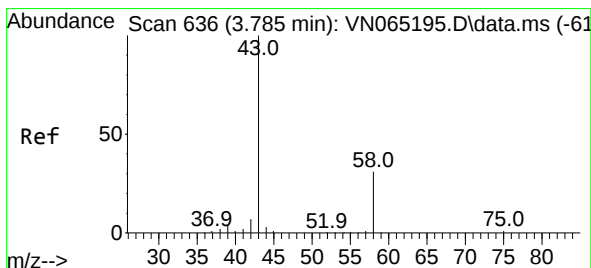
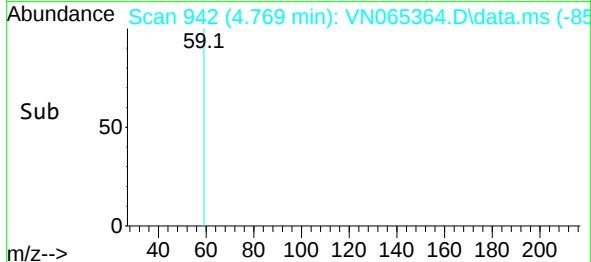
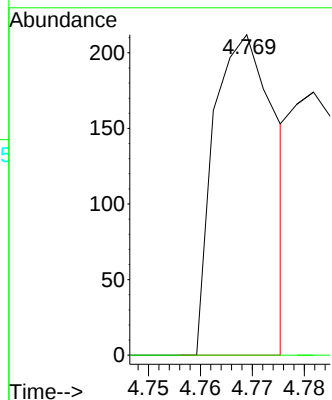


#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 4.769 min Scan# 942
Delta R.T. -0.003 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

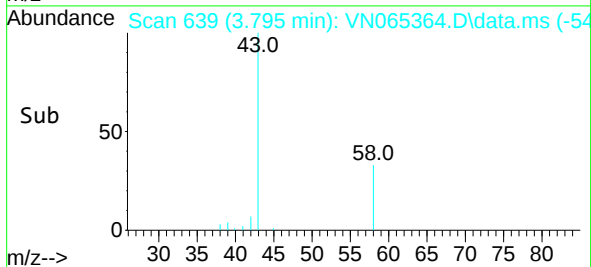
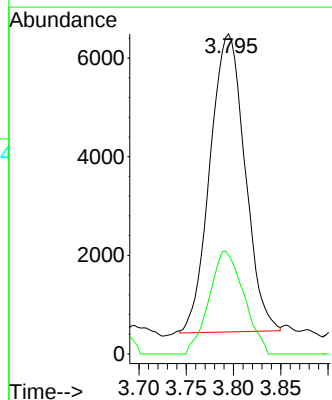
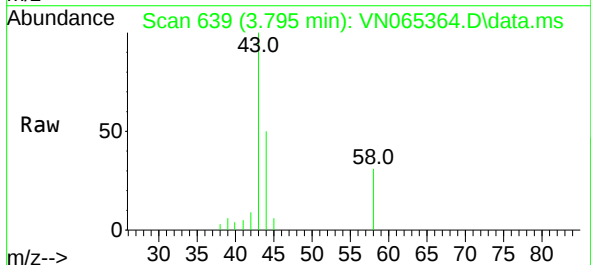


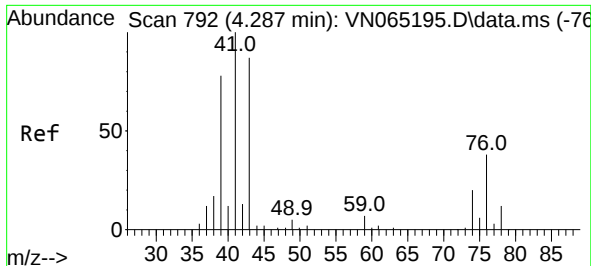
Tgt Ion: 59 Resp: 174
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 2.05 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

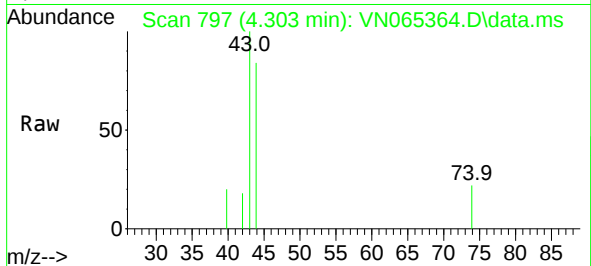
Tgt Ion: 43 Resp: 15517
Ion Ratio Lower Upper
43 100
58 33.3 25.7 38.5



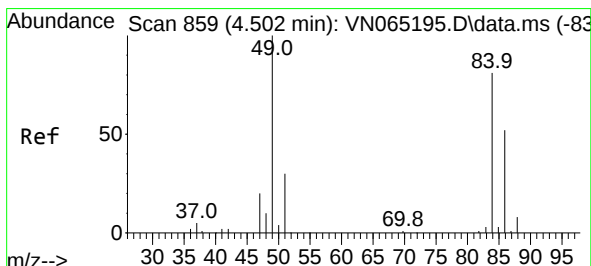
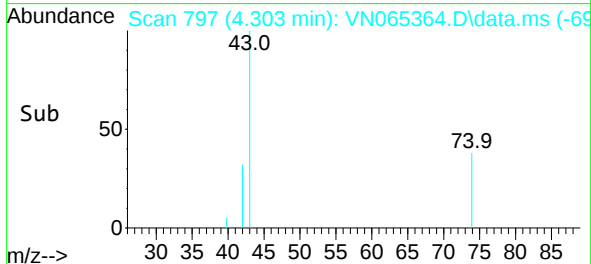
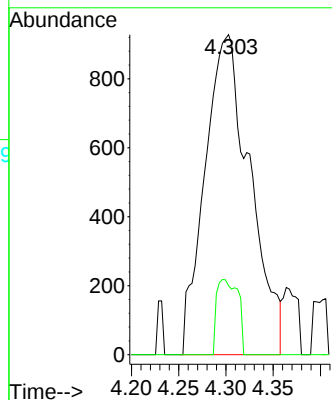


#18
Methyl Acetate
Concen: 1.18 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.016 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

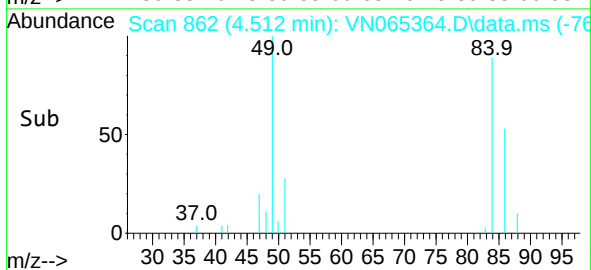
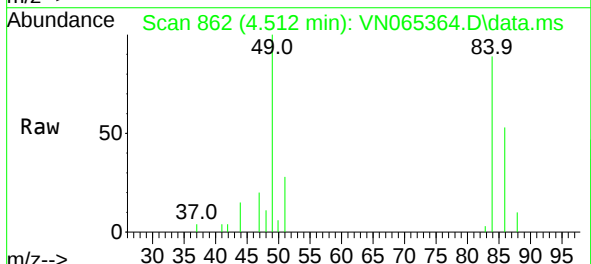
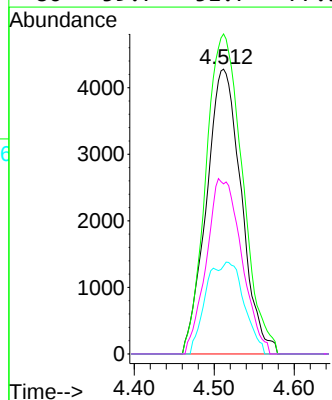


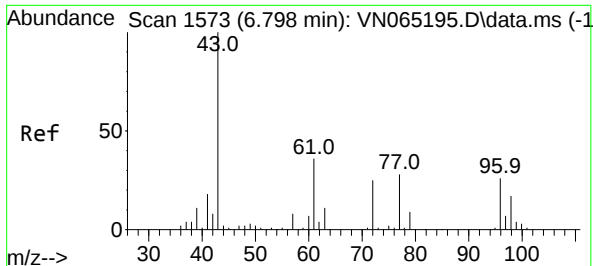
Tgt Ion: 43 Resp: 3081
Ion Ratio Lower Upper
43 100
74 11.0 20.2 30.2#



#20
Methylene Chloride
Concen: 4.57 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Tgt Ion: 84 Resp: 12947
Ion Ratio Lower Upper
84 100
49 112.4 93.4 140.0
51 30.9 28.2 42.4
86 59.7 51.7 77.5

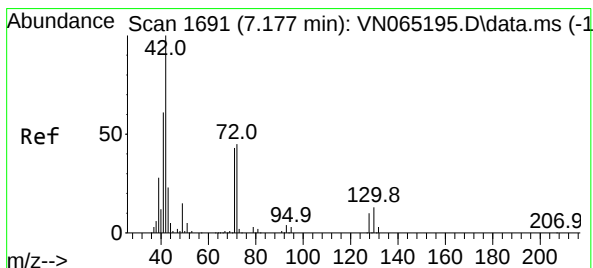
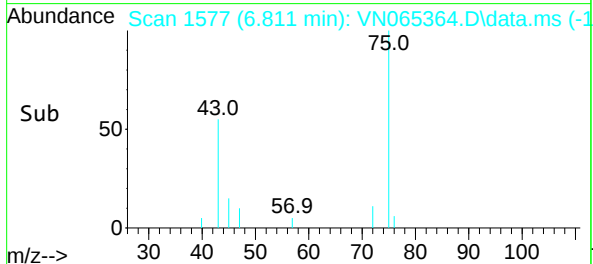
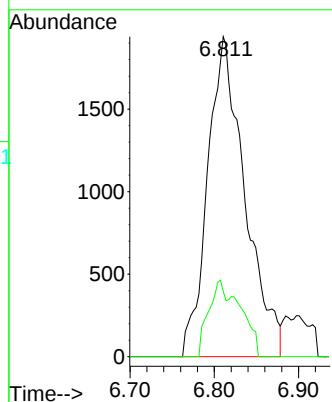
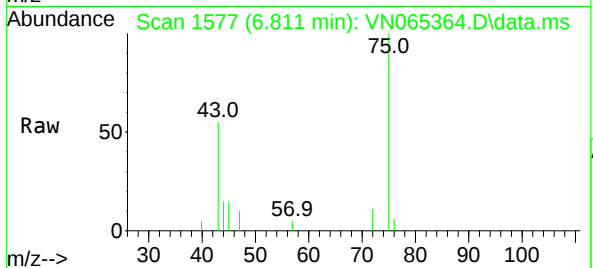




#25
2-Butanone
Concen: 3.65 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

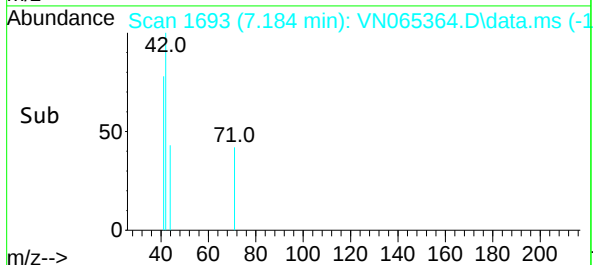
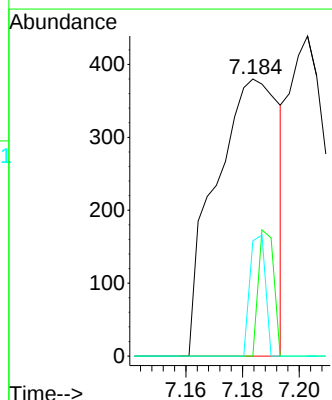
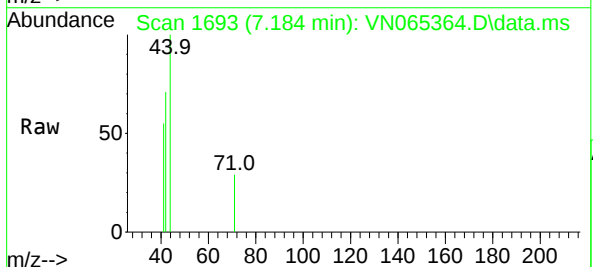
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

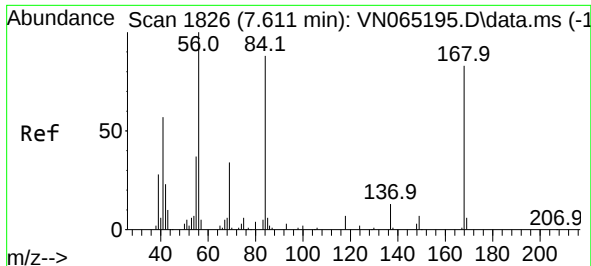
Tgt Ion: 43 Resp: 5960
Ion Ratio Lower Upper
43 100
72 20.5 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.56 ug/l
RT: 7.184 min Scan# 1693
Delta R.T. 0.007 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

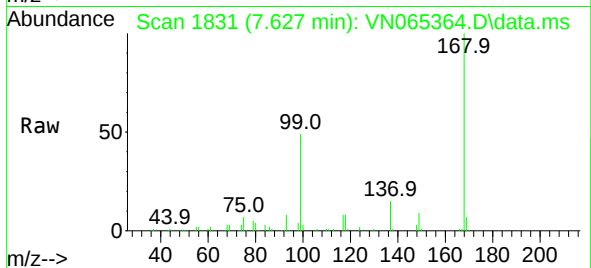
Tgt Ion: 42 Resp: 590
Ion Ratio Lower Upper
42 100
72 11.0 36.6 54.8#
71 10.7 33.6 50.4#



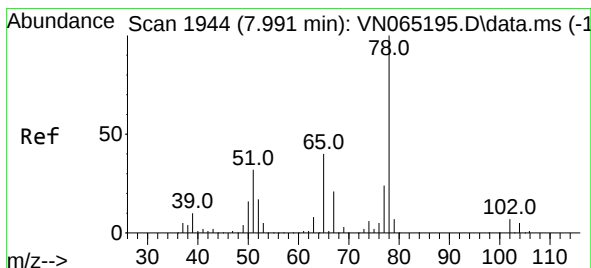
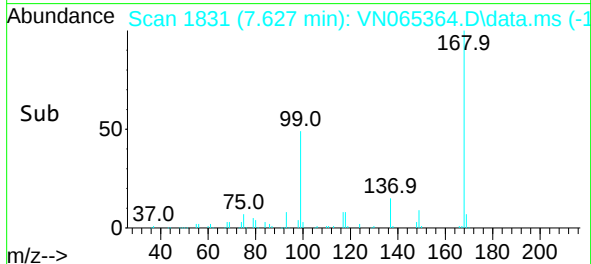
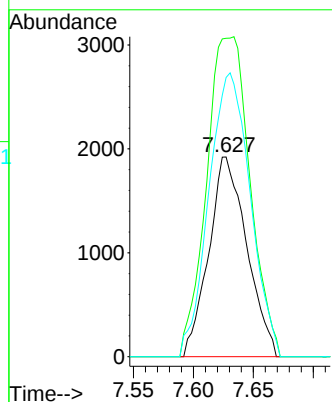


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

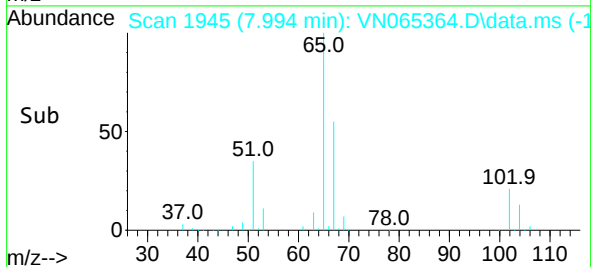
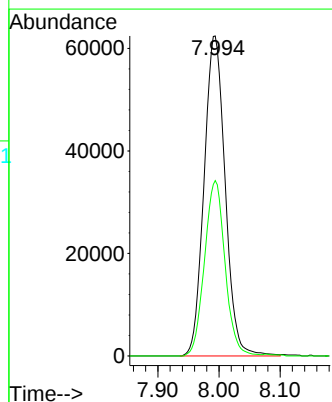
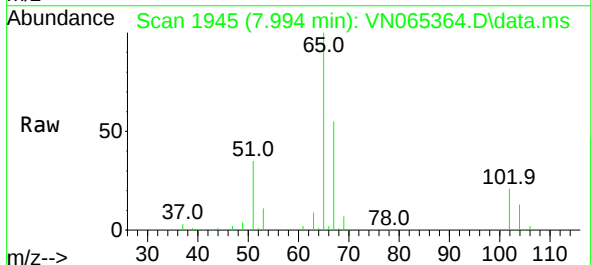


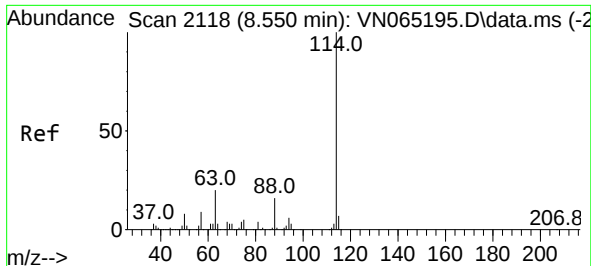
Tgt Ion: 56 Resp: 4233
Ion Ratio Lower Upper
56 100
69 159.5 27.5 41.3#
84 139.9 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 51.62 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Tgt Ion: 65 Resp: 150029
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2

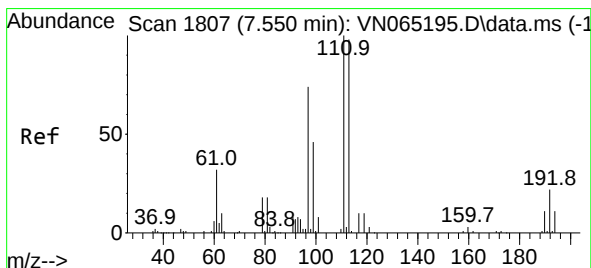
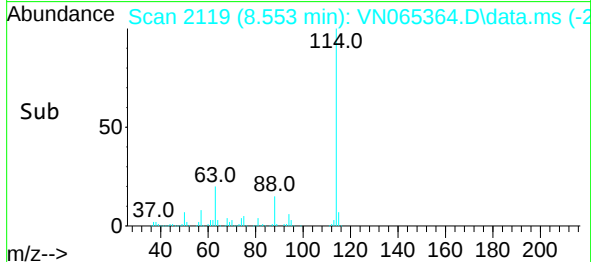
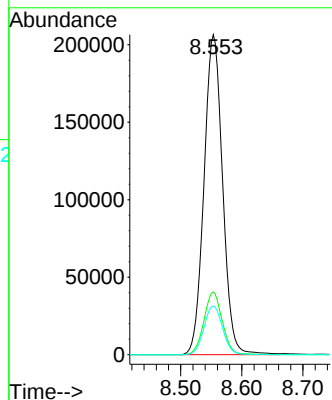
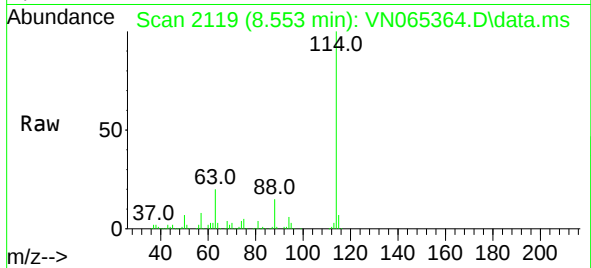




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

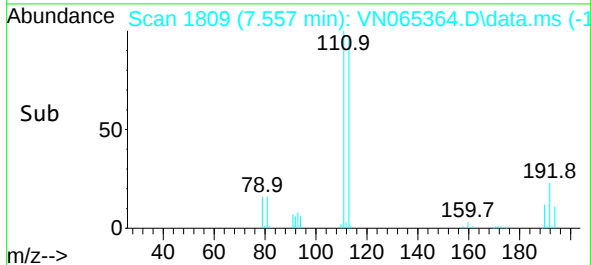
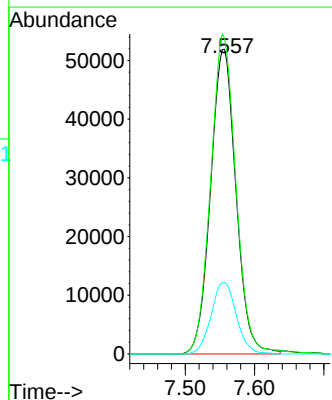
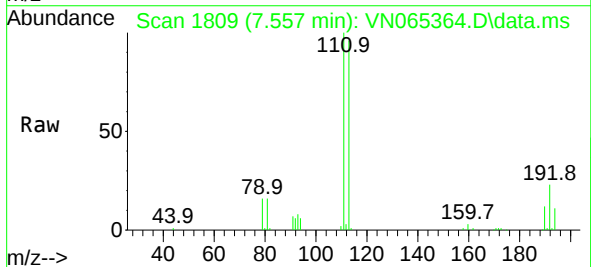
Instrument :
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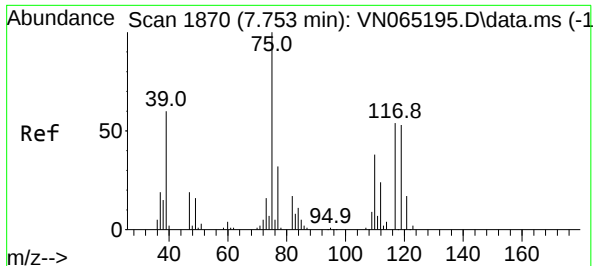
Tgt Ion:114 Resp: 436395
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.12 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

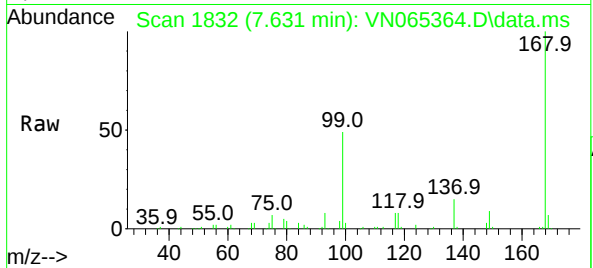
Tgt Ion:113 Resp: 131947
Ion Ratio Lower Upper
113 100
111 105.0 81.6 122.4
192 23.4 16.2 24.2



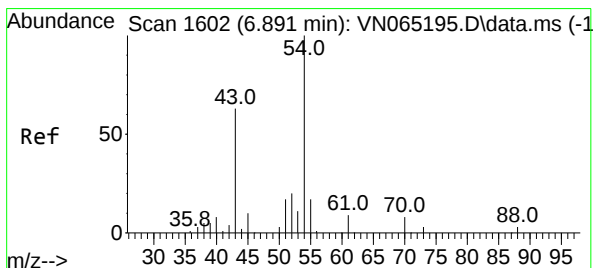
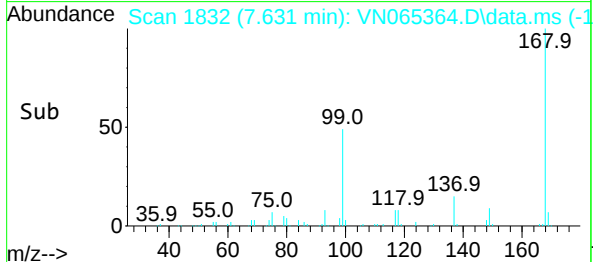
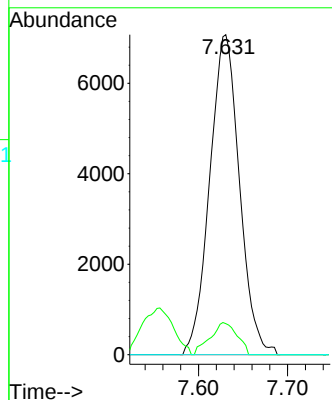


#36
1,1-Dichloropropene
Concen: 4.14 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

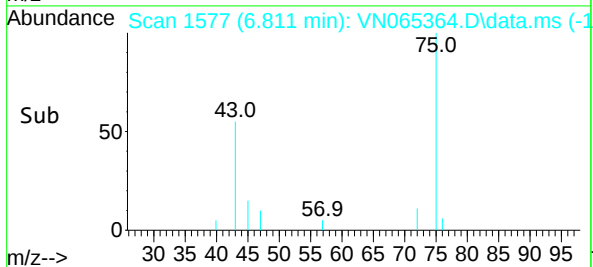
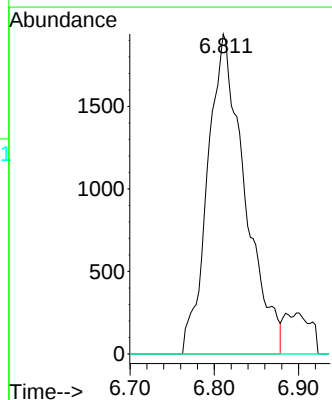
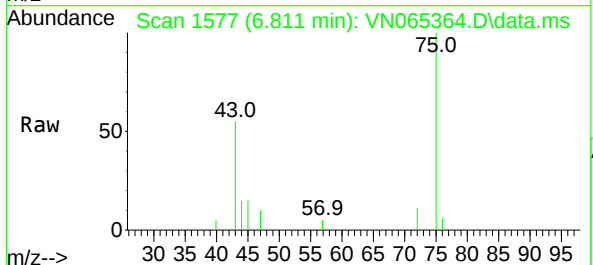


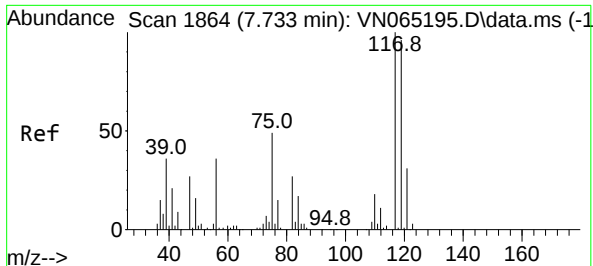
Tgt Ion: 75 Resp: 16434
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.52 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. -0.080 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

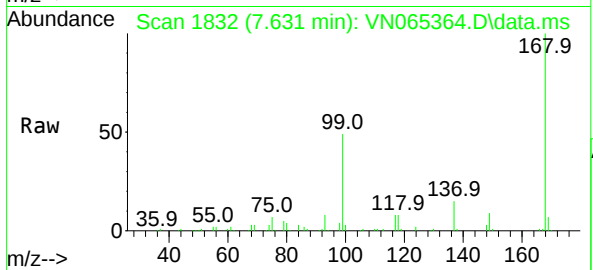
Tgt Ion: 43 Resp: 5960
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



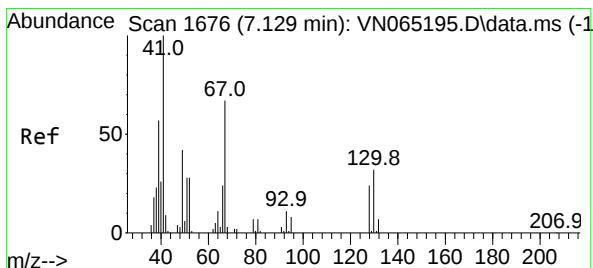
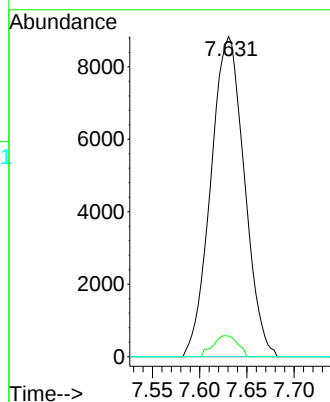
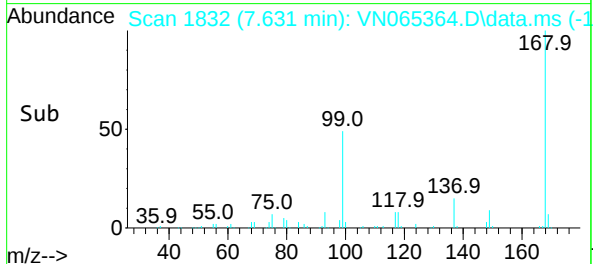


#38
Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.102 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

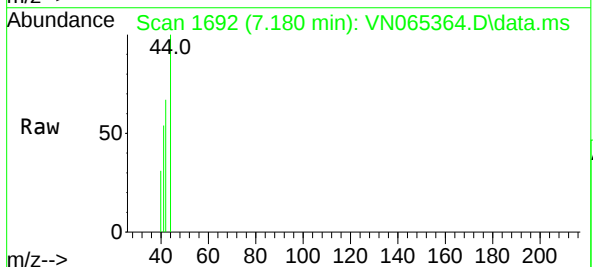
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)



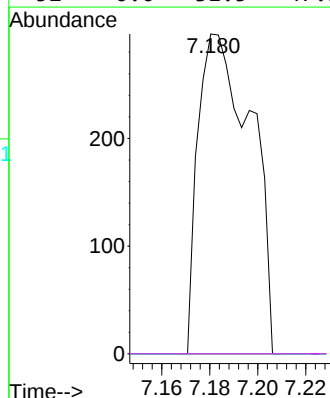
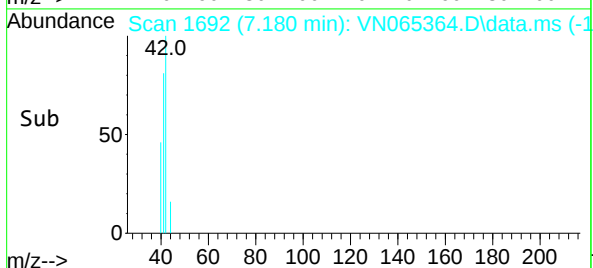
Tgt Ion:117 Resp: 21799
Ion Ratio Lower Upper
117 100
119 6.5 76.7 115.1#
121 0.0 25.4 38.2#

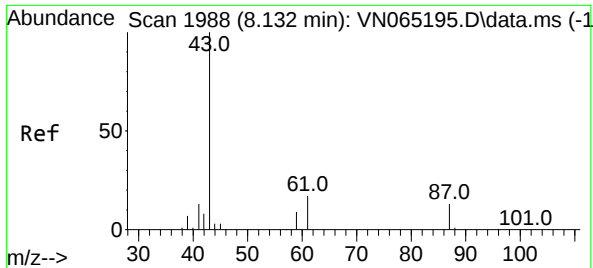


#41
Methacrylonitrile
Concen: 0.22 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.051 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57



Tgt Ion: 41 Resp: 453
Ion Ratio Lower Upper
41 100
39 0.0 51.0 76.6#
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#

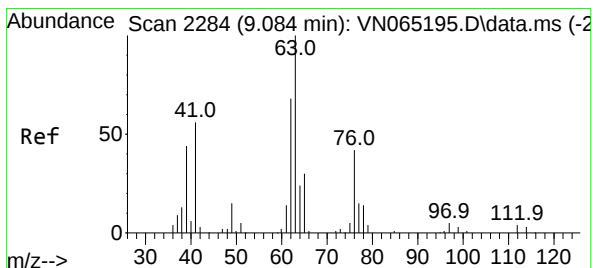
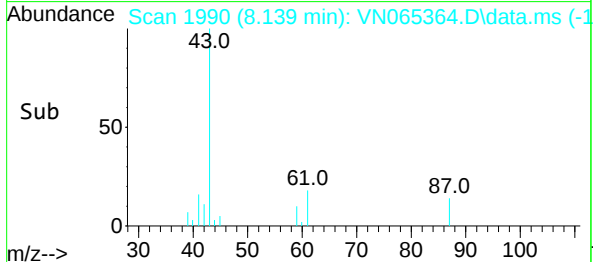
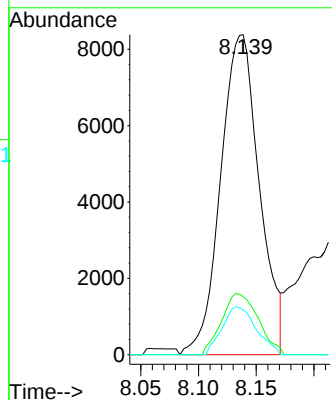
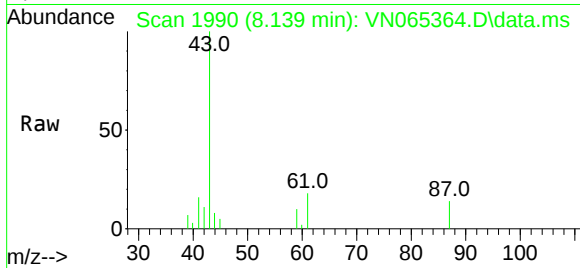




#43
Isopropyl Acetate
Concen: 2.89 ug/l
RT: 8.139 min Scan# 1990
Delta R.T. 0.007 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

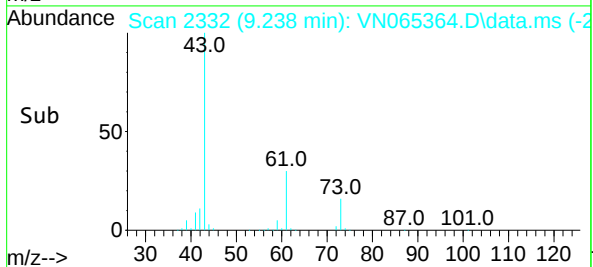
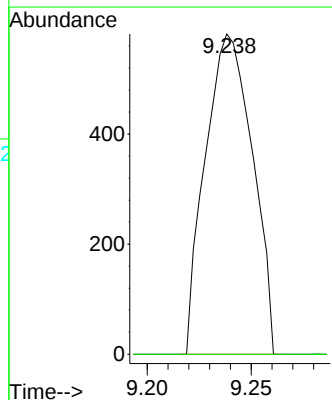
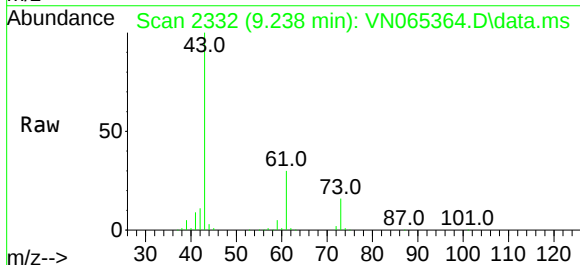
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

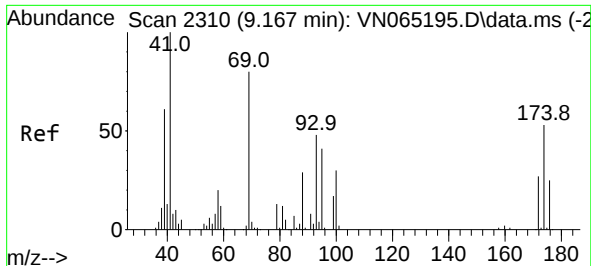
Tgt Ion:	43	Resp:	19560
Ion	Ratio	Lower	Upper
43	100		
61	18.1	17.2	25.8
87	13.2	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.30 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Tgt Ion:	63	Resp:	916
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

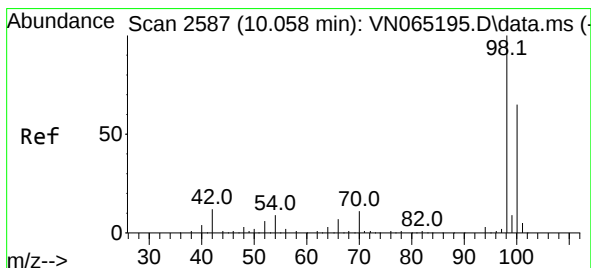
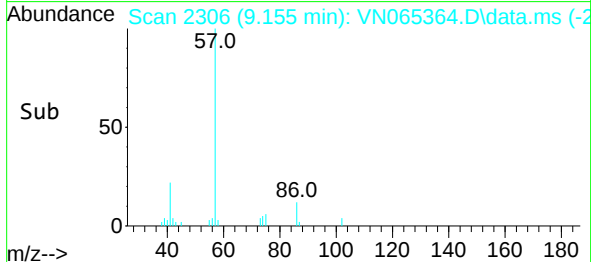
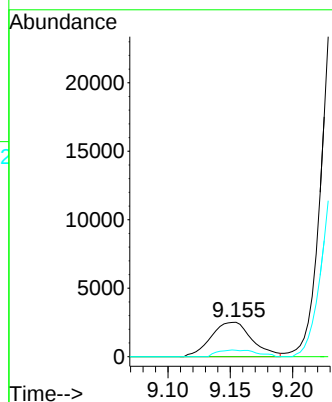
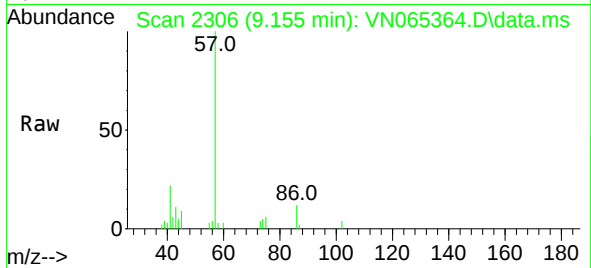




#48
Methyl methacrylate
Concen: 1.74 ug/l
RT: 9.155 min Scan# 2306
Delta R.T. -0.012 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

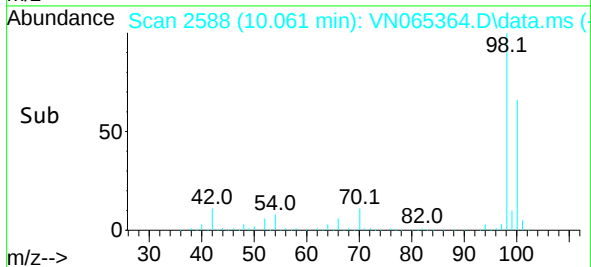
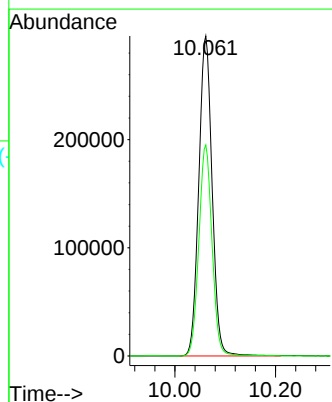
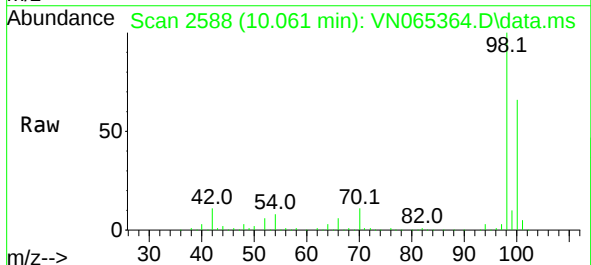
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

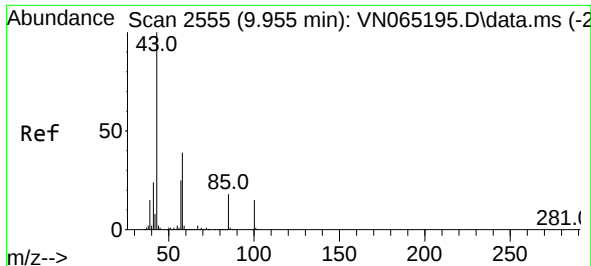
Tgt Ion: 41 Resp: 5731
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 18.5 44.1 66.1#



#50
Toluene-d8
Concen: 55.19 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Tgt Ion: 98 Resp: 544578
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5

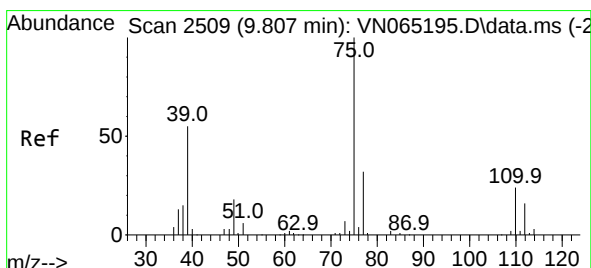
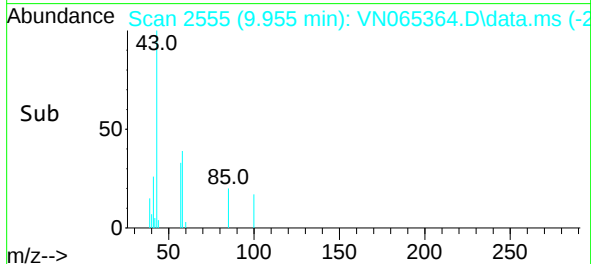
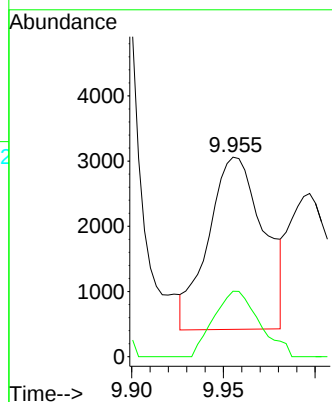
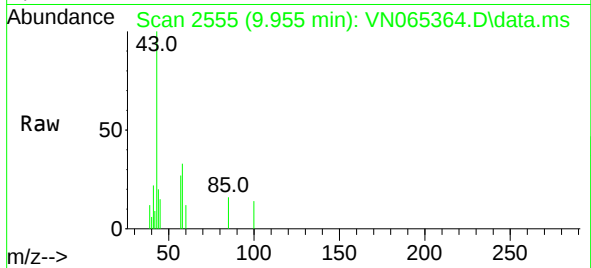




#51
4-Methyl-2-Pentanone
Concen: 1.45 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

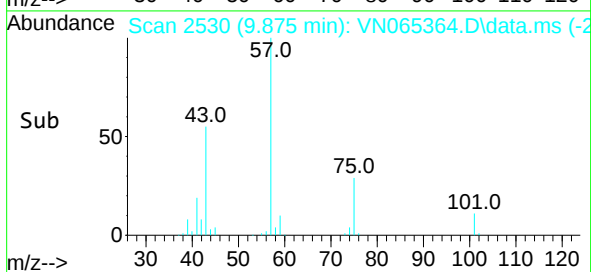
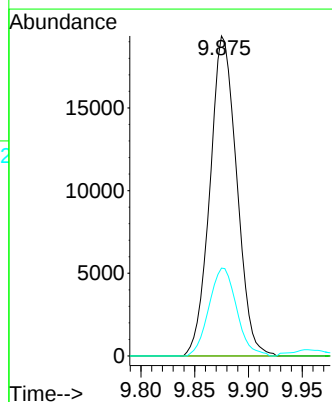
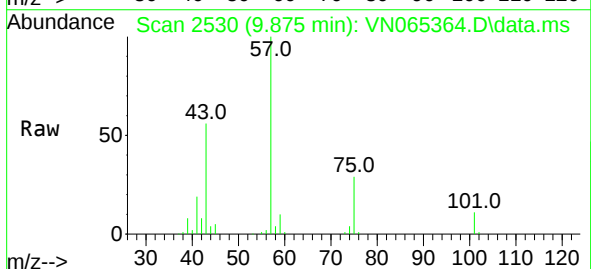
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

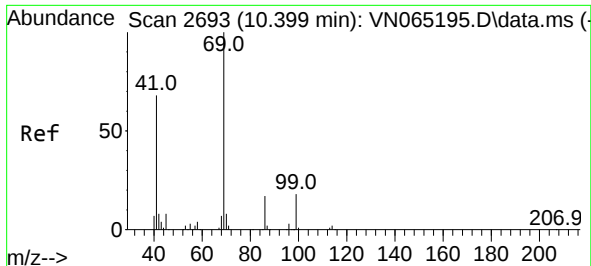
Tgt Ion: 43 Resp: 5536
Ion Ratio Lower Upper
43 100
58 31.4 32.4 48.6#



#54
cis-1,3-Dichloropropene
Concen: 6.37 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Tgt Ion: 75 Resp: 33505
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 27.4 35.6 53.4#

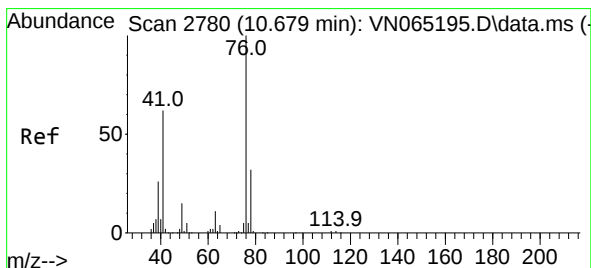
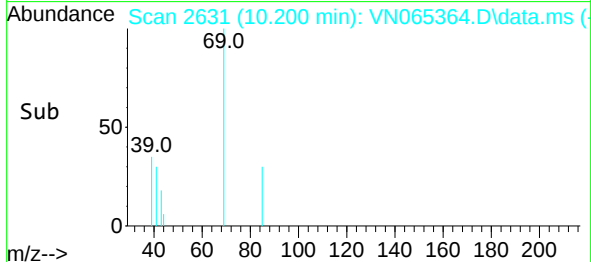
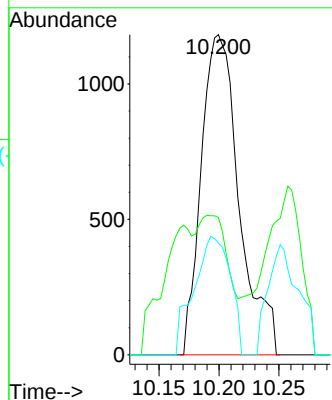
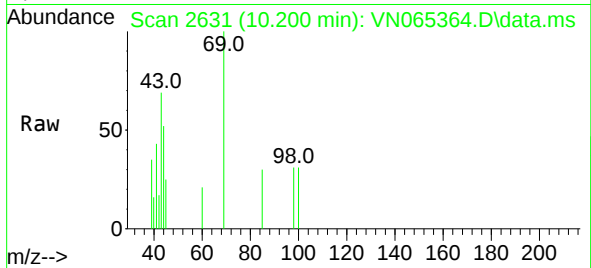




#56
Ethyl methacrylate
Concen: 0.57 ug/l
RT: 10.200 min Scan# 2631
Delta R.T. -0.199 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

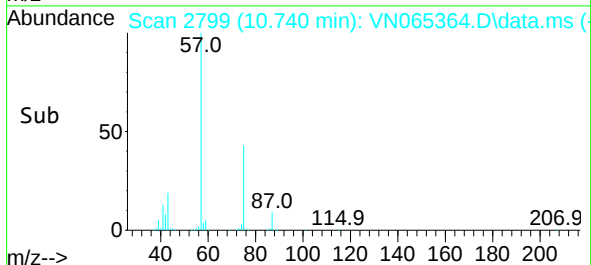
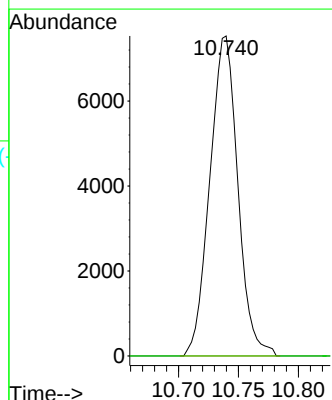
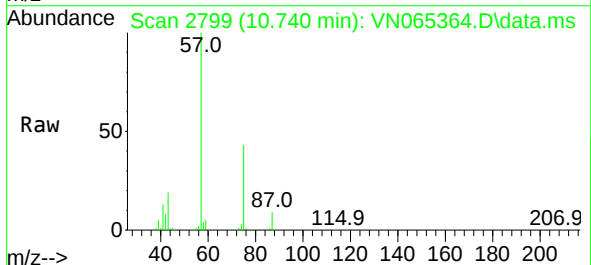
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

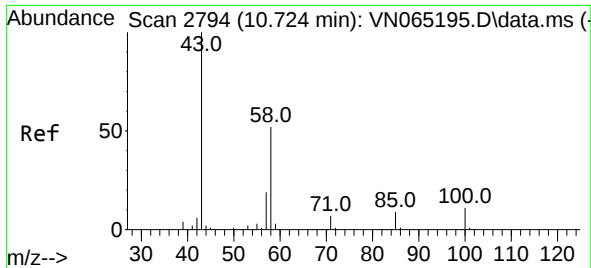
Tgt Ion: 69 Resp: 2603
Ion Ratio Lower Upper
69 100
41 0.0 49.4 74.0#
39 35.6 25.9 38.9



#57
1,3-Dichloropropane
Concen: 2.52 ug/l
RT: 10.740 min Scan# 2799
Delta R.T. 0.061 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Tgt Ion: 76 Resp: 12233
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

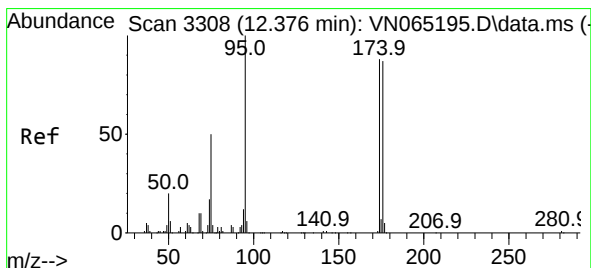
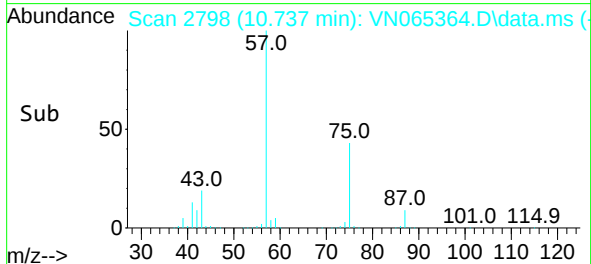
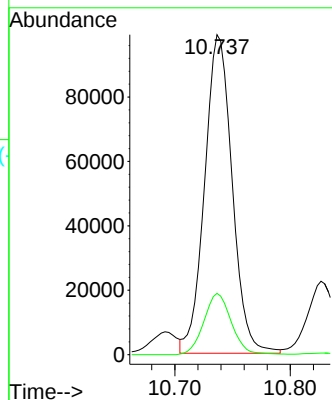
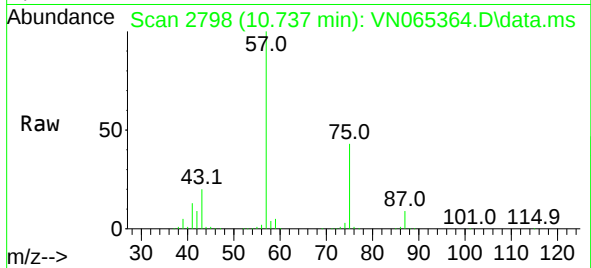




#59
2-Hexanone
Concen: 58.51 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

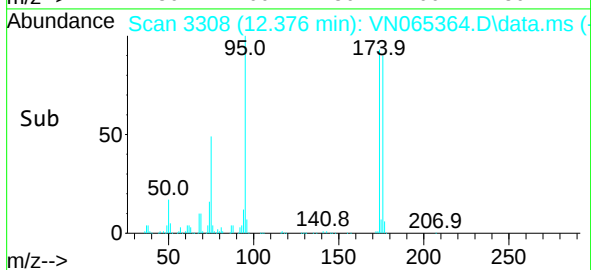
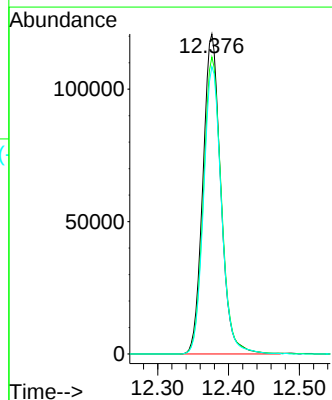
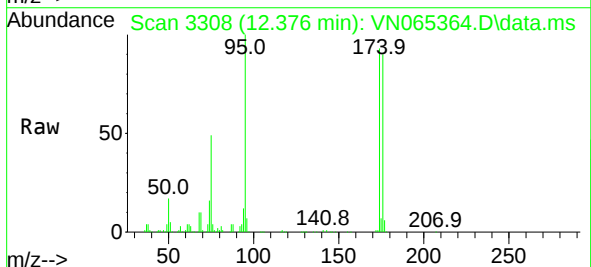
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

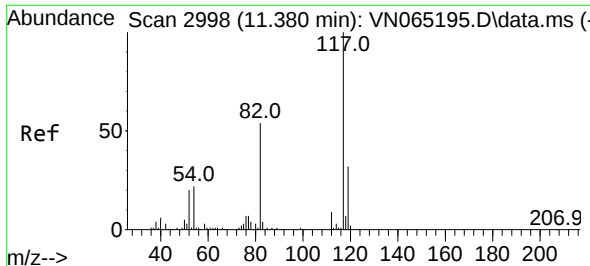
Tgt Ion: 43 Resp: 163934
Ion Ratio Lower Upper
43 100
58 19.3 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 53.65 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Tgt Ion: 95 Resp: 211002
Ion Ratio Lower Upper
95 100
174 93.8 0.0 160.4
176 89.8 0.0 158.4

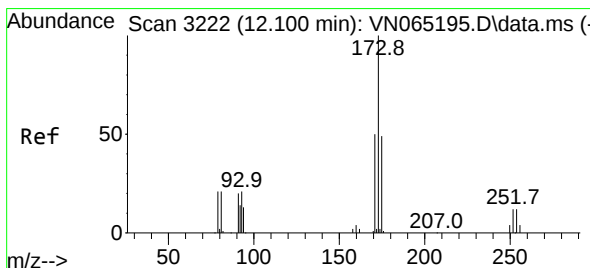
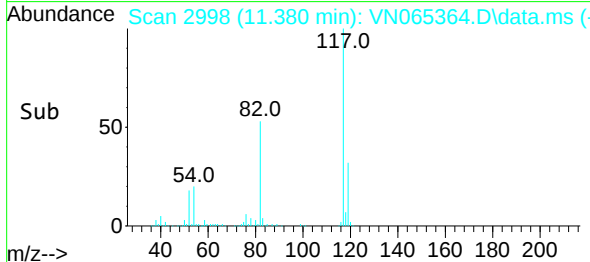
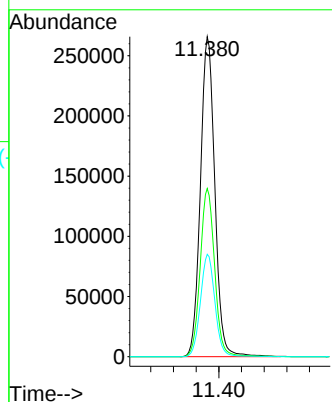
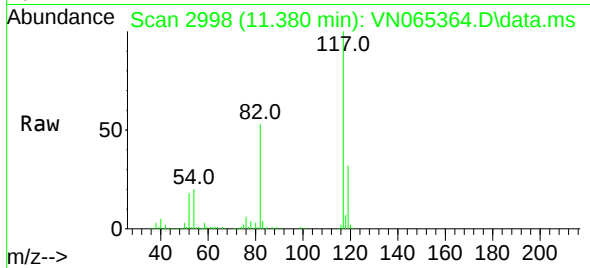




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

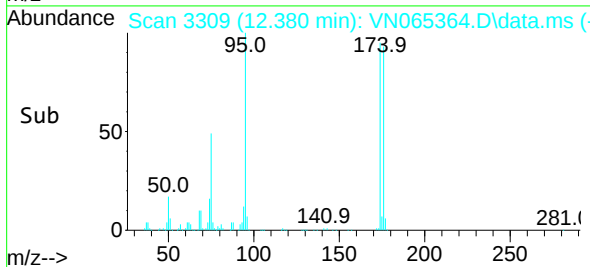
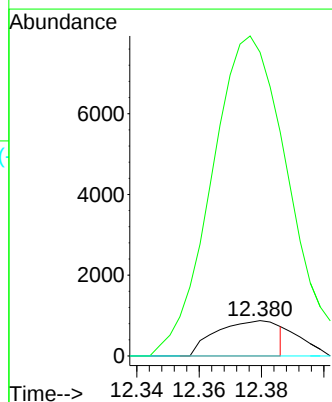
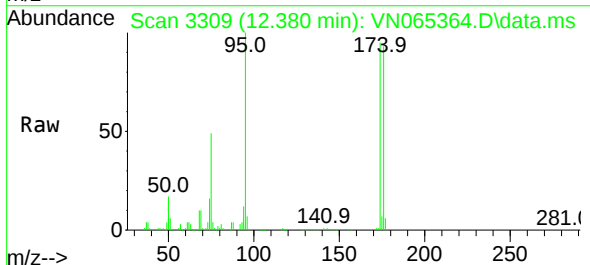
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

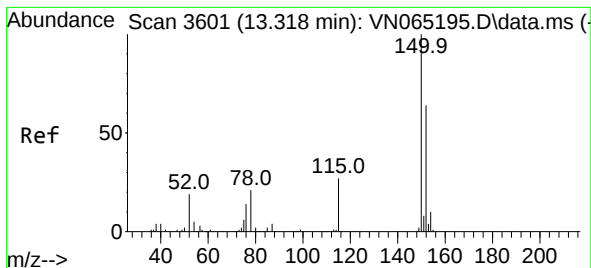
Tgt Ion:117 Resp: 469782
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 32.0 25.8 38.6



#71
Bromoform
Concen: 0.38 ug/l
RT: 12.380 min Scan# 3309
Delta R.T. 0.280 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Tgt Ion:173 Resp: 1227
Ion Ratio Lower Upper
173 100
175 919.7 24.3 72.8#
254 0.0 0.0 0.0

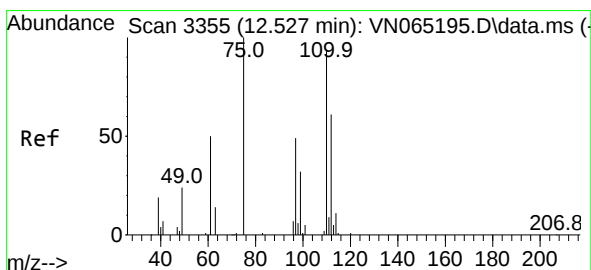
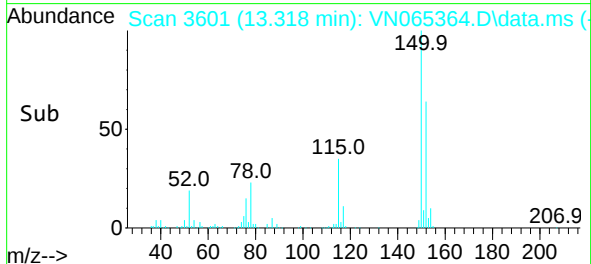
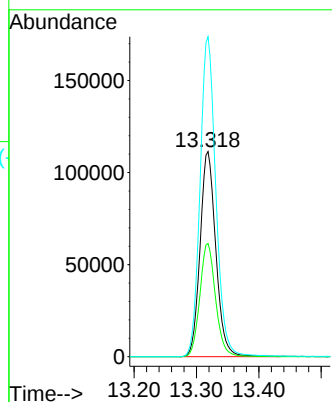
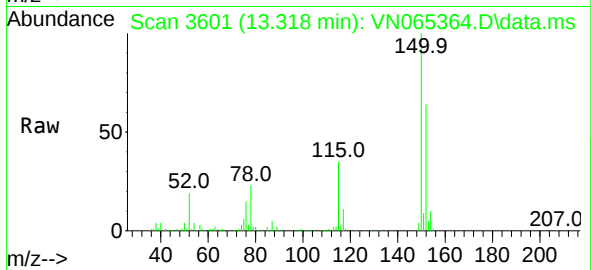




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

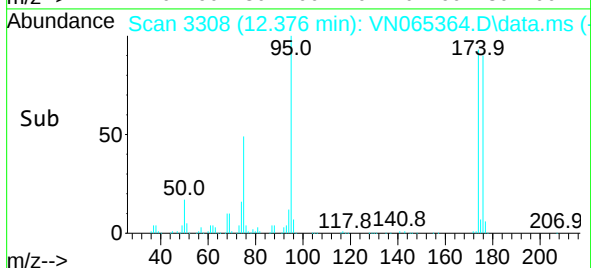
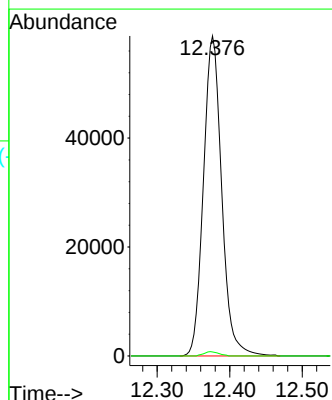
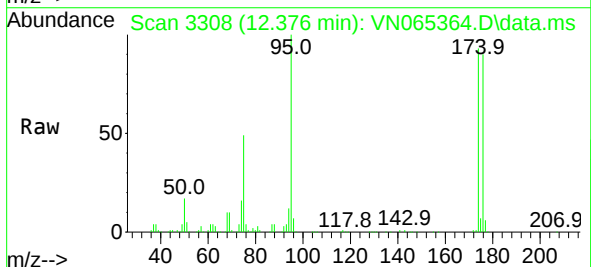
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)

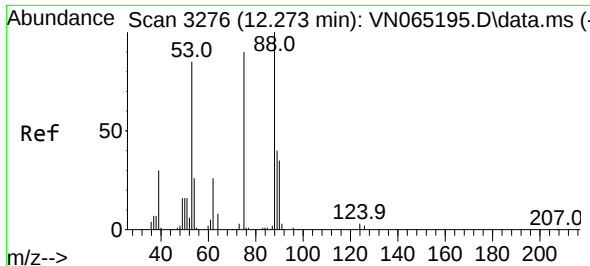
Tgt Ion:152 Resp: 195718
Ion Ratio Lower Upper
152 100
115 55.1 29.7 89.1
150 156.6 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 25.73 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

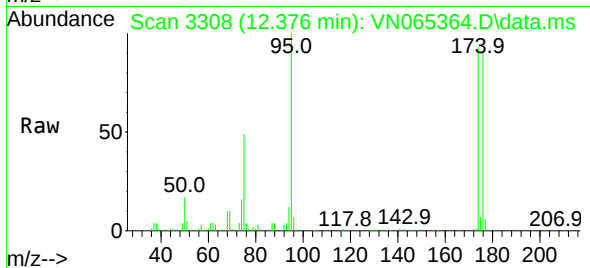
Tgt Ion: 75 Resp: 102737
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



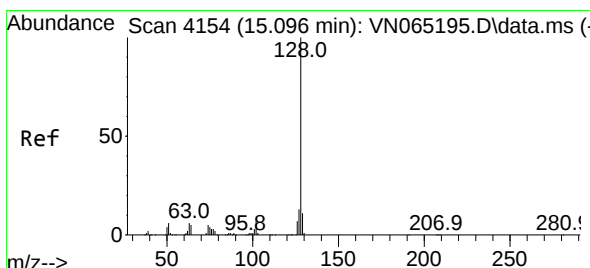
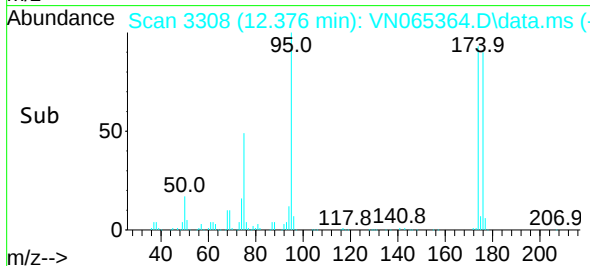
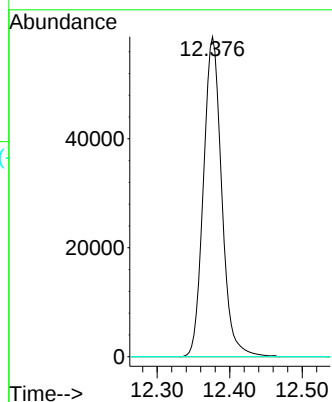


#81
trans-1,4-Dichloro-2-butene
Concen: 64.88 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-7(434+26)



Tgt Ion: 75 Resp: 102737
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.52 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065364.D
Acq: 31 Dec 2020 22:57

Tgt Ion: 128 Resp: 1596
Ion Ratio Lower Upper
128 100
127 4.0 10.3 15.5#
129 0.0 8.7 13.1#

