

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
 Data File : VN065324.D
 Acq On : 30 Dec 2020 16:46
 Operator : JC/MD
 Sample : PB133547ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 03:04:06 2020
 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)

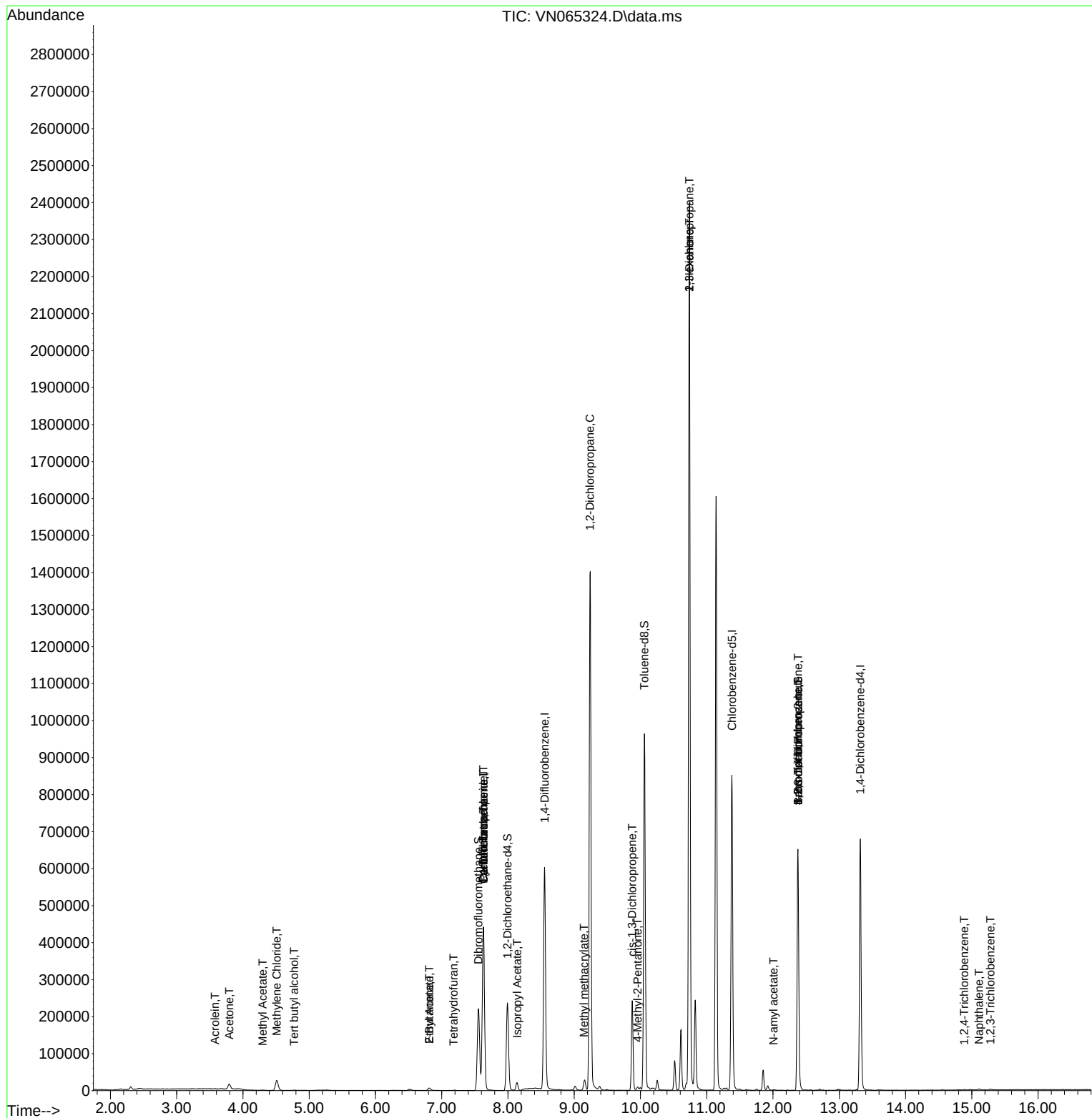
Internal Standards						
1) Pentafluorobenzene	7.630	168	398236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	572127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	526325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	211423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	207647	46.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.38%		
35) Dibromofluoromethane	7.553	113	170035	49.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.52%		
50) Toluene-d8	10.058	98	685076	52.96	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.92%		
62) 4-Bromofluorobenzene	12.376	95	228780	45.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.52%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.772	59	763	1.04	ug/l #	73
13) Acrolein	3.579	56	169	2.75	ug/l	89
16) Acetone	3.795	43	22322	1.12	ug/l	93
18) Methyl Acetate	4.296	43	1980	0.49	ug/l #	50
20) Methylene Chloride	4.508	84	21545	4.91	ug/l	99
25) 2-Butanone	6.810	43	11628	4.61	ug/l	97
29) Tetrahydrofuran	7.180	42	527	0.32	ug/l #	59
31) Cyclohexane	7.627	56	6465	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	25541	4.91	ug/l #	49
37) Ethyl Acetate	6.810	43	11628	2.26	ug/l #	66
38) Carbon Tetrachloride	7.627	117	33546	6.14	ug/l #	16
43) Isopropyl Acetate	8.138	43	25450	2.86	ug/l	98
45) 1,2-Dichloropropane	9.238	63	1782	0.44	ug/l #	43
48) Methyl methacrylate	9.148	41	7331	1.70	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	6565	1.31	ug/l	90
54) cis-1,3-Dichloropropene	9.875	75	46051	6.67	ug/l #	61
57) 1,3-Dichloropropane	10.736	76	25250	3.96	ug/l #	42
59) 2-Hexanone	10.736	43	343789	93.59	ug/l #	50
71) Bromoform	12.376	173	1419	0.40	ug/l #	1
74) N-amyl acetate	12.010	43	1680	0.26	ug/l #	42
76) 1,2,3-Trichloropropane	12.376	75	113054	26.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	113054	66.09	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.884	180	868	3.03	ug/l #	83
95) Naphthalene	15.109	128	3131	3.64	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.283	180	1206	3.51	ug/l	91

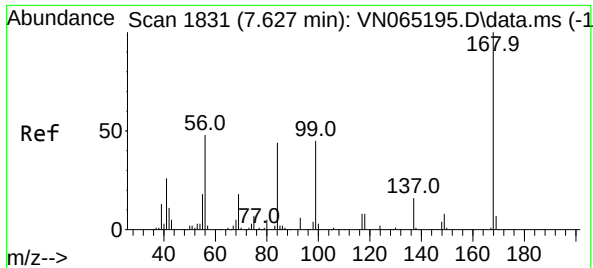
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123020\
Data File : VN065324.D
Acq On : 30 Dec 2020 16:46
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Instrument :
MSVOA_N
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Quant Time: Dec 31 03:04:06 2020
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

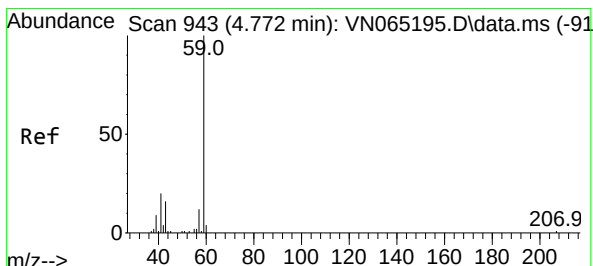
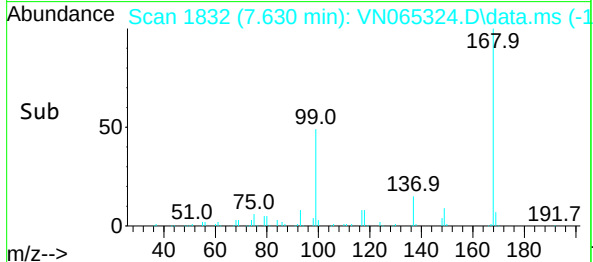
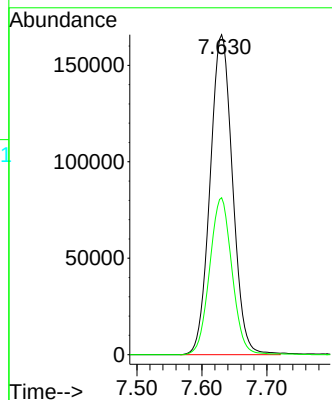
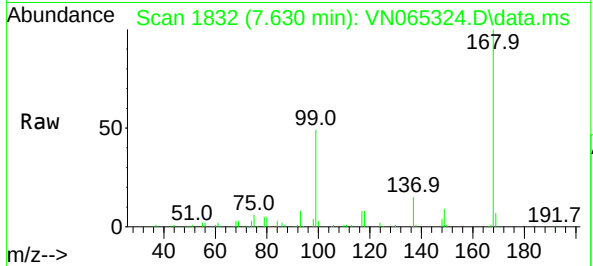




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

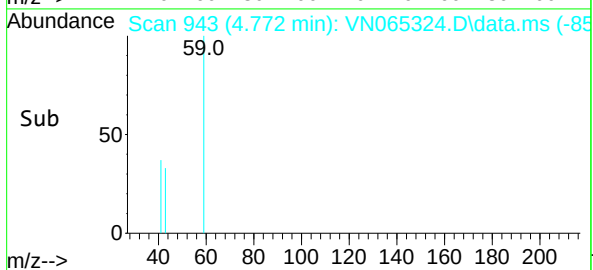
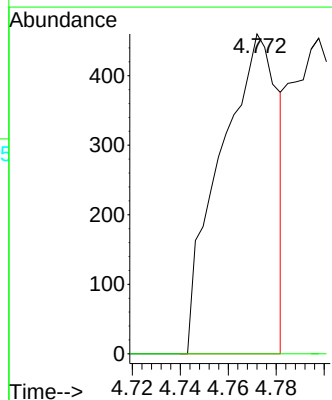
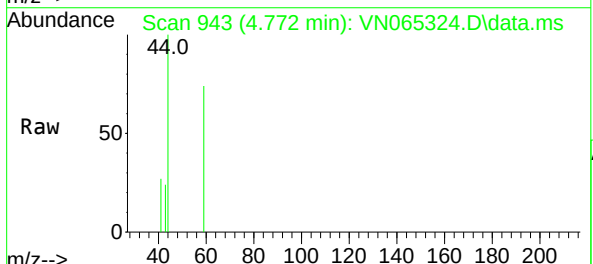
Instrument :
MSVOA_N
ClientSampled :

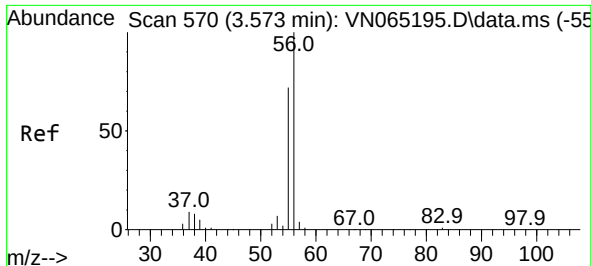
Tgt Ion:168 Resp: 398236
Ion Ratio Lower Upper
168 100
99 49.1 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.04 ug/l
RT: 4.772 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

Tgt Ion: 59 Resp: 763
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

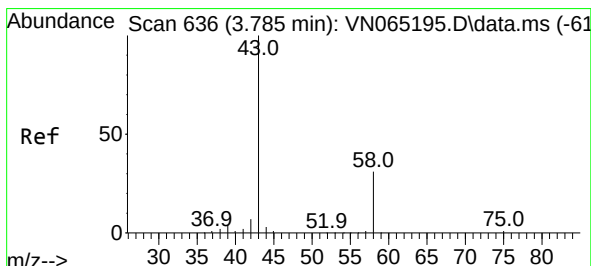
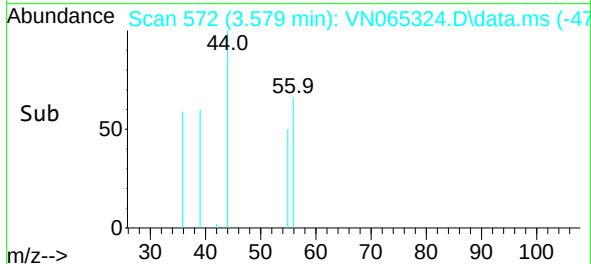
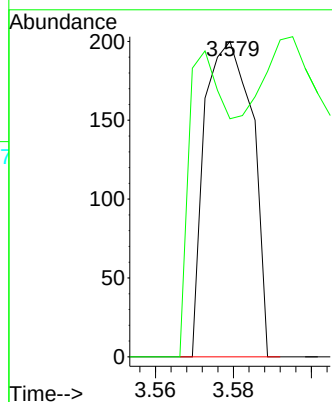
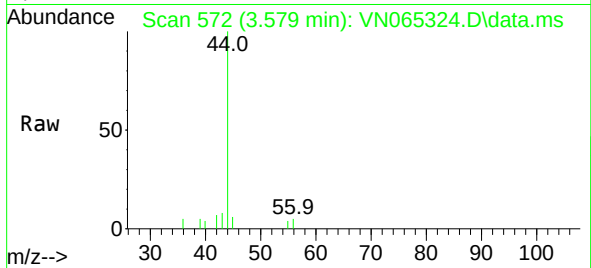




#13
Acrolein
Concen: 2.75 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

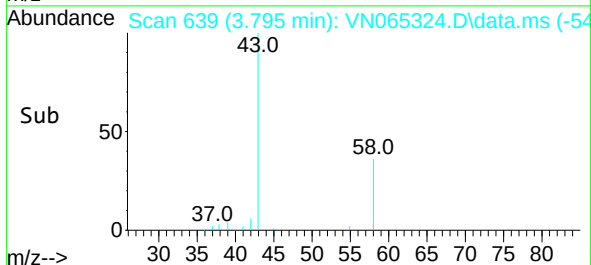
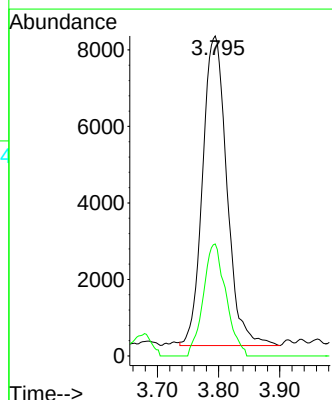
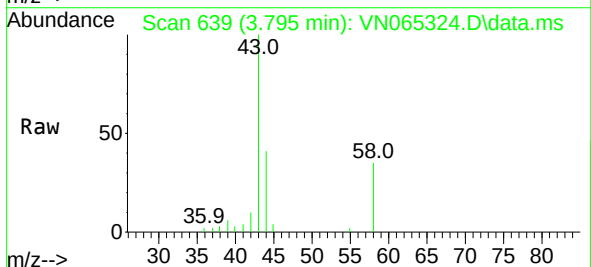
Instrument :
MSVOA_N
ClientSampled :

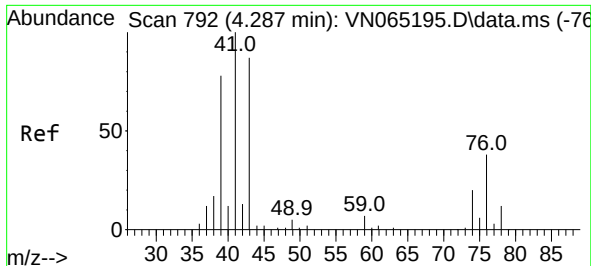
Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 79.3 56.5 84.7



#16
Acetone
Concen: 1.12 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

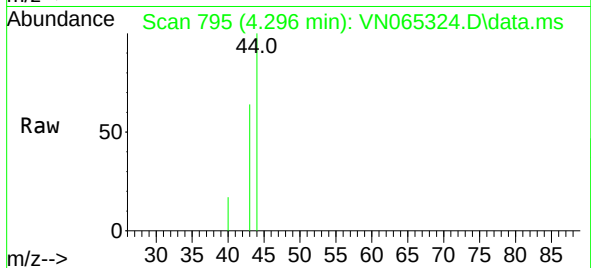
Tgt Ion: 43 Resp: 22322
Ion Ratio Lower Upper
43 100
58 36.2 25.7 38.5



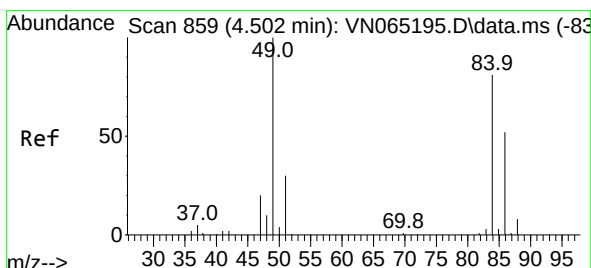
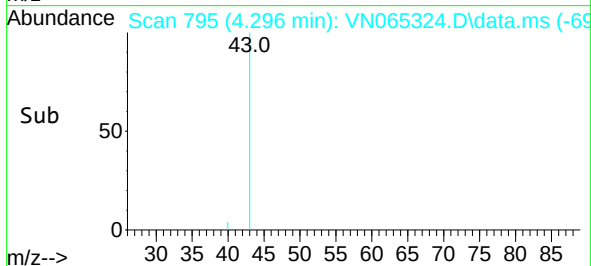
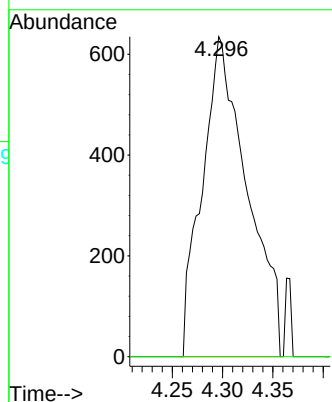


#18
Methyl Acetate
Concen: 0.49 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

Instrument :
MSVOA_N
ClientSampled :

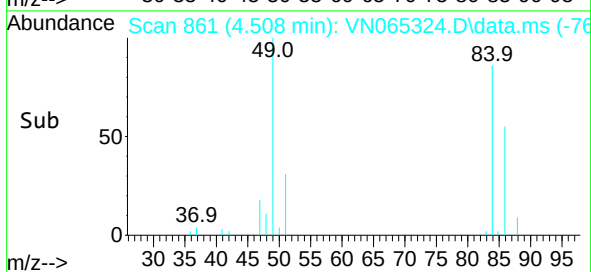
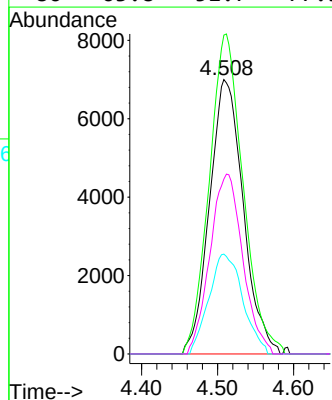
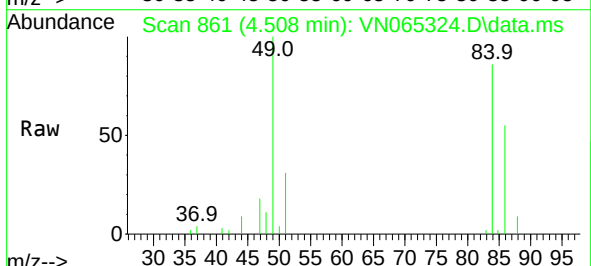


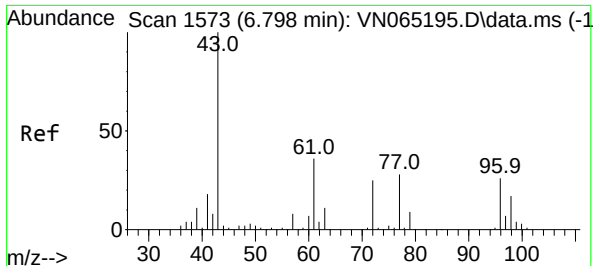
Tgt Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 4.91 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

Tgt Ion: 84 Resp: 21545
Ion Ratio Lower Upper
84 100
49 116.2 93.4 140.0
51 36.4 28.2 42.4
86 63.8 51.7 77.5

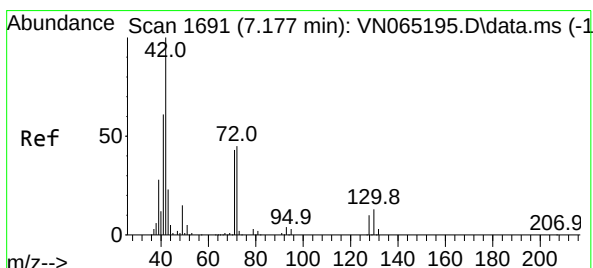
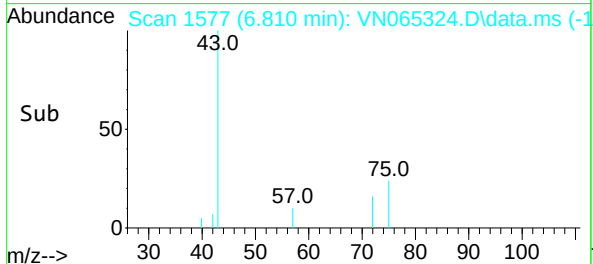
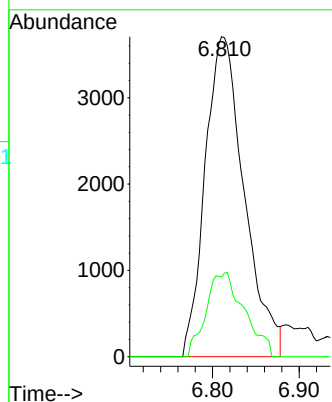
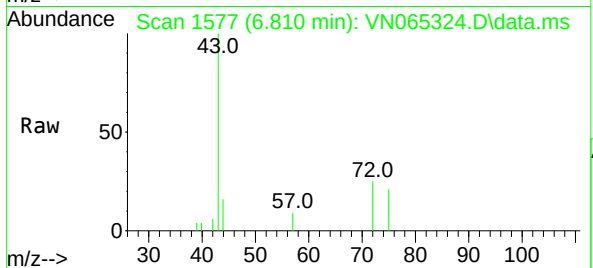




#25
2-Butanone
Concen: 4.61 ug/l
RT: 6.810 min Scan# 1577
Delta R.T. 0.012 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

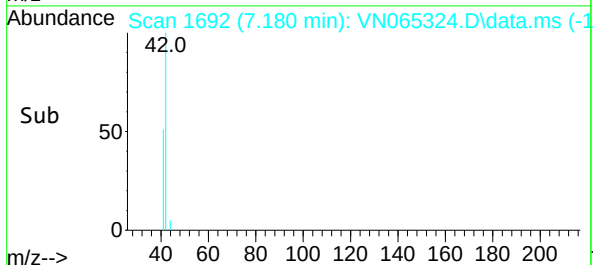
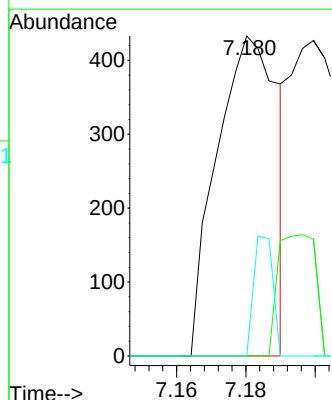
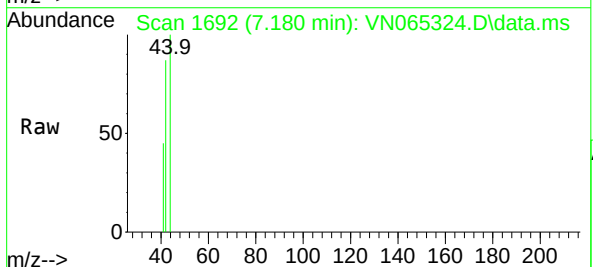
Instrument :
MSVOA_N
ClientSampled :

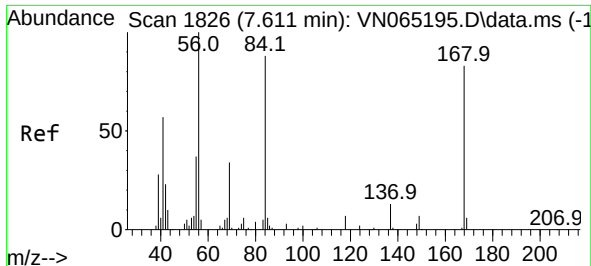
Tgt Ion: 43 Resp: 11628
Ion Ratio Lower Upper
43 100
72 25.0 21.0 31.6



#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.003 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

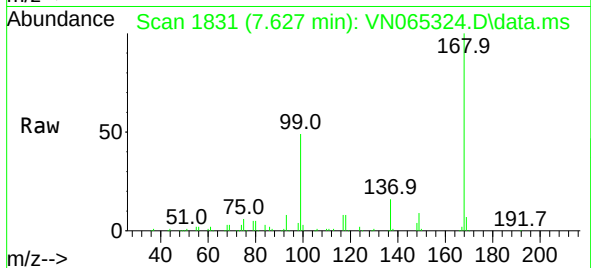
Tgt Ion: 42 Resp: 527
Ion Ratio Lower Upper
42 100
72 23.3 36.6 54.8#
71 11.8 33.6 50.4#



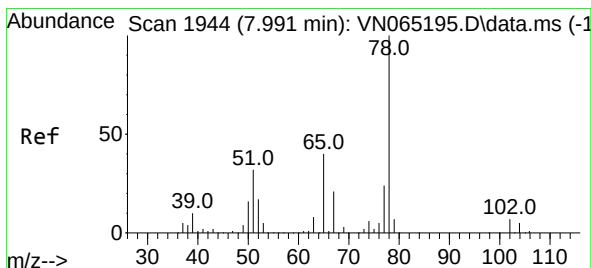
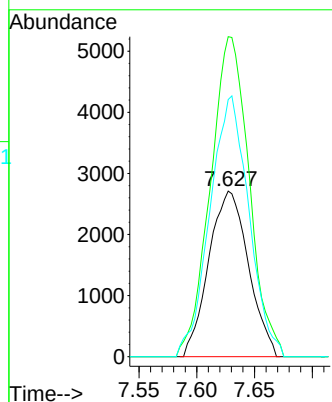
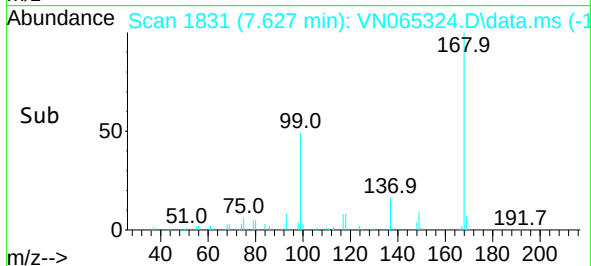


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

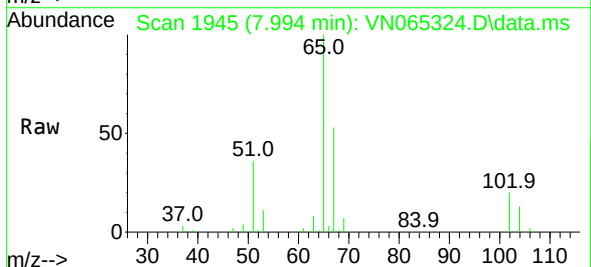
Instrument :
MSVOA_N
ClientSampled :



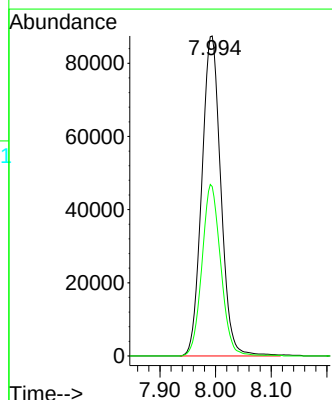
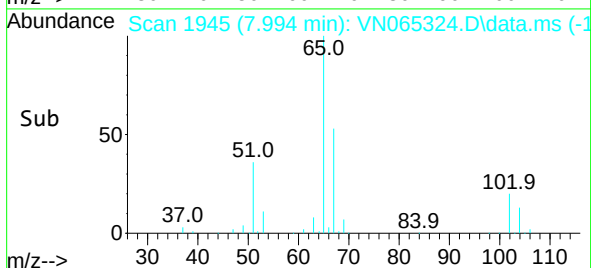
Tgt Ion: 56 Resp: 6465
Ion Ratio Lower Upper
56 100
69 187.3 27.5 41.3#
84 148.8 73.9 110.9#

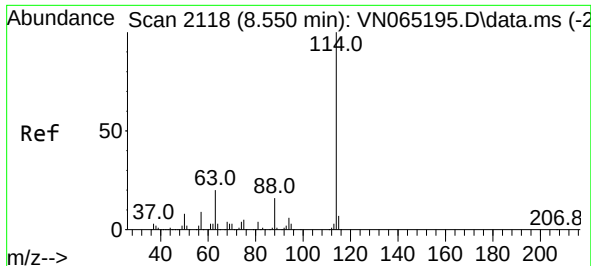


#33
1,2-Dichloroethane-d4
Concen: 46.19 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46



Tgt Ion: 65 Resp: 207647
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2

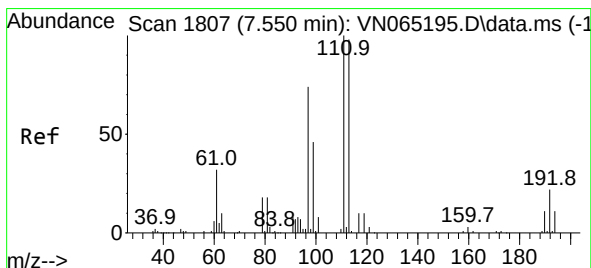
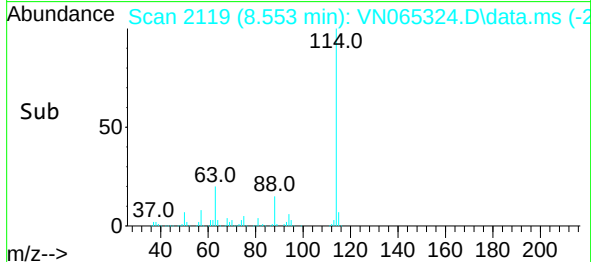
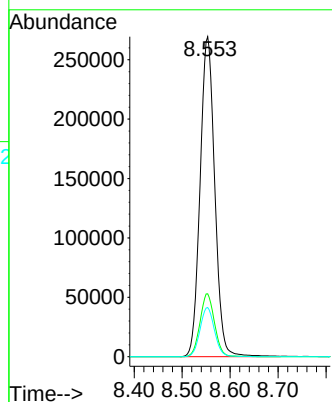
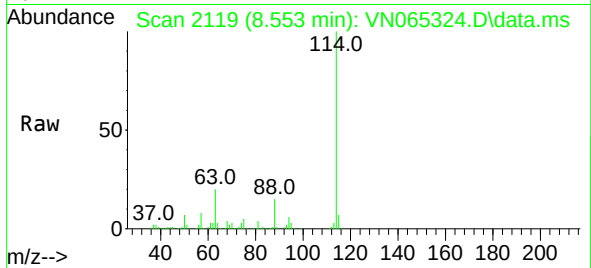




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

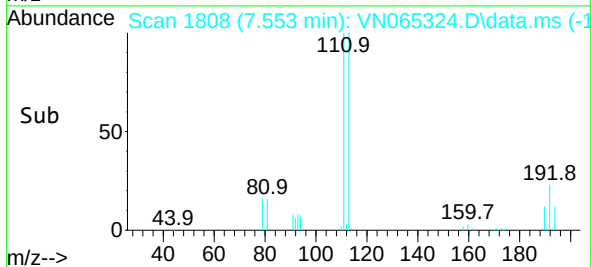
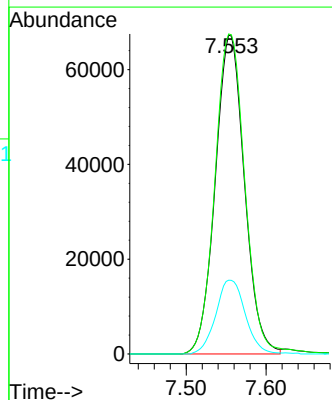
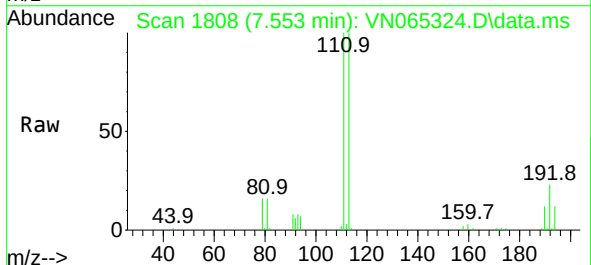
Instrument :
MSVOA_N
ClientSampled :

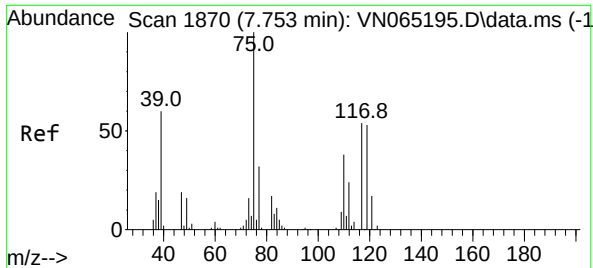
Tgt Ion:114 Resp: 572127
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.26 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

Tgt Ion:113 Resp: 170035
Ion Ratio Lower Upper
113 100
111 103.7 81.6 122.4
192 23.4 16.2 24.2

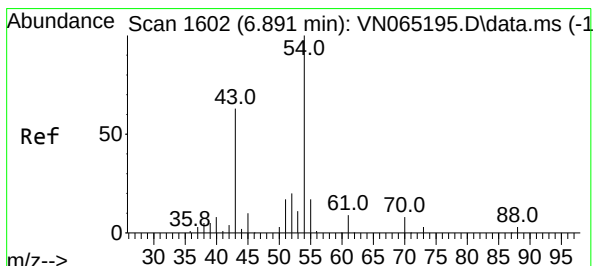
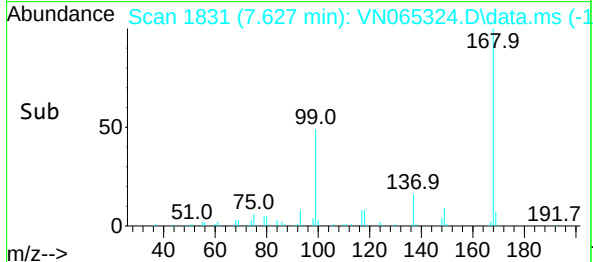
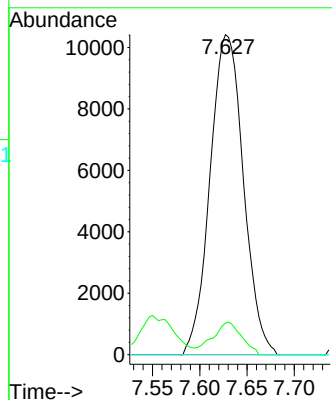
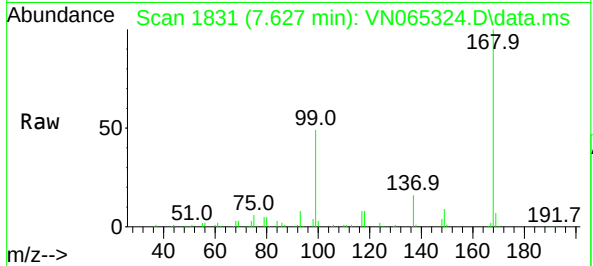




#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

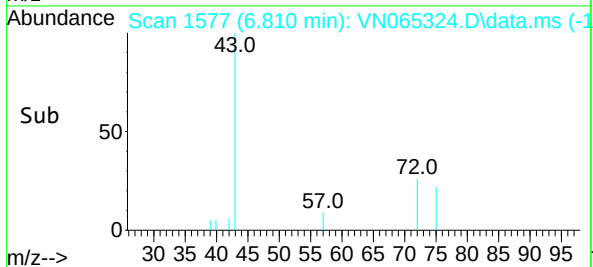
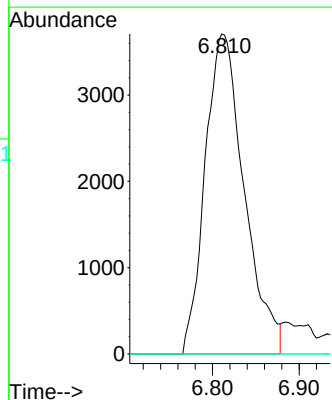
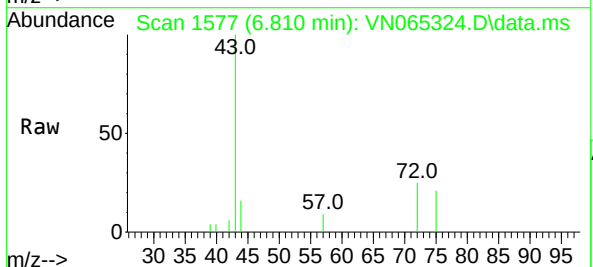
Instrument :
MSVOA_N
ClientSampled :

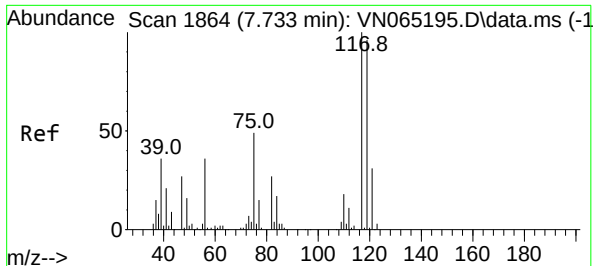
Tgt Ion: 75 Resp: 25541
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 2.26 ug/l
RT: 6.810 min Scan# 1577
Delta R.T. -0.081 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

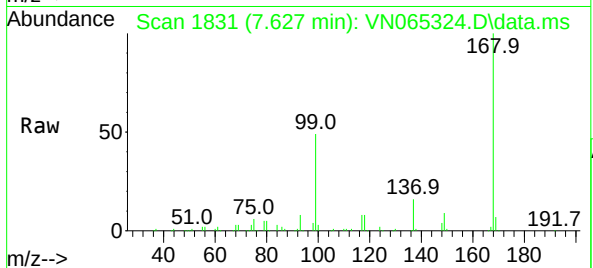
Tgt Ion: 43 Resp: 11628
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



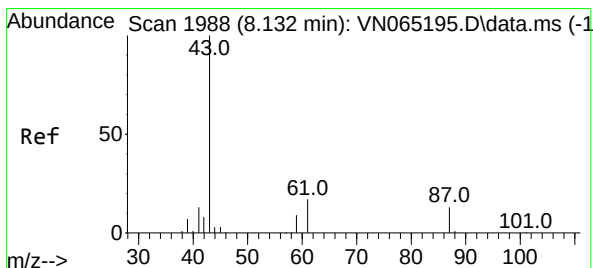
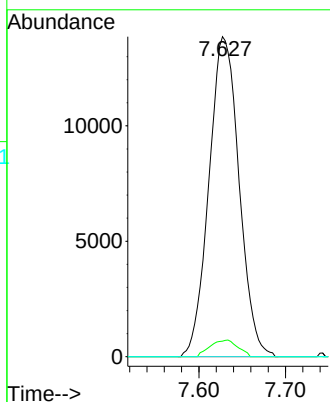
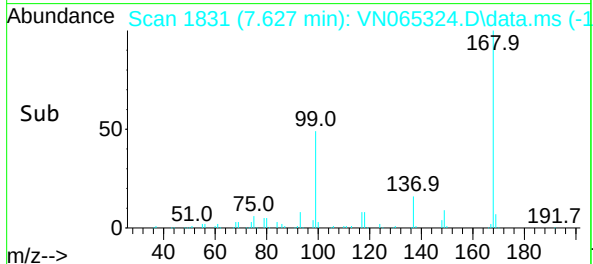


#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

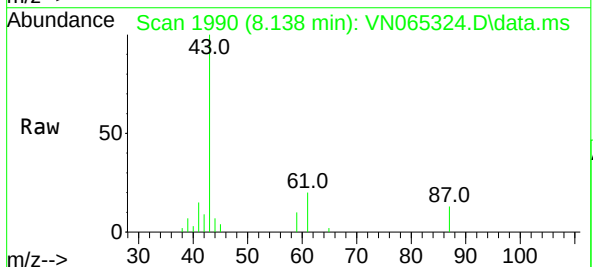
Instrument :
MSVOA_N
ClientSampled :



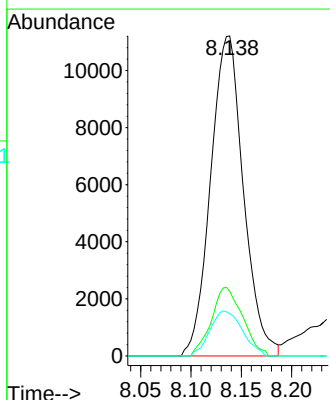
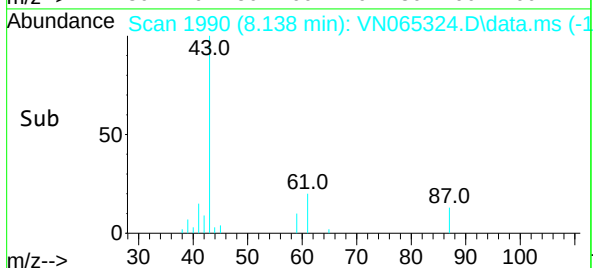
Tgt Ion:117 Resp: 33546
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 25.4 38.2#

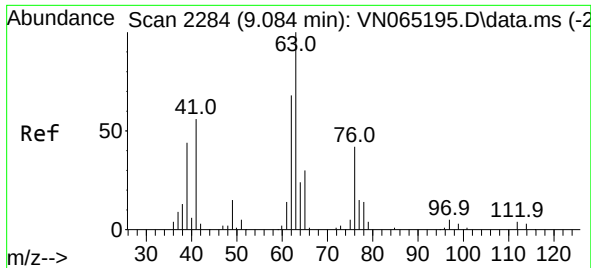


#43
Isopropyl Acetate
Concen: 2.86 ug/l
RT: 8.138 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46



Tgt Ion: 43 Resp: 25450
Ion Ratio Lower Upper
43 100
61 20.3 17.2 25.8
87 13.9 11.4 17.0

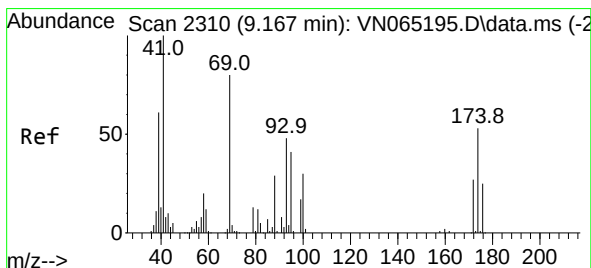
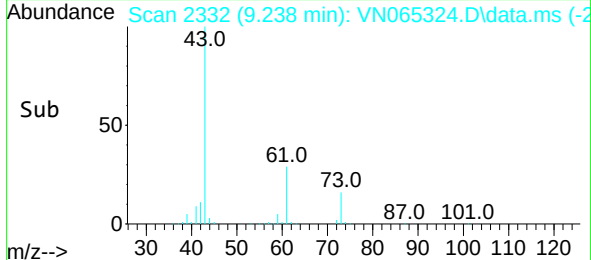
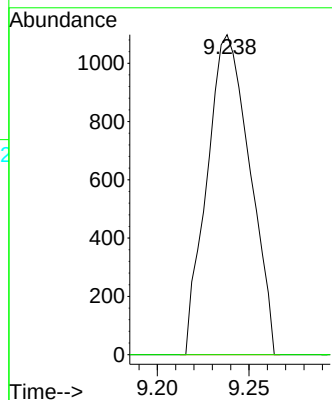
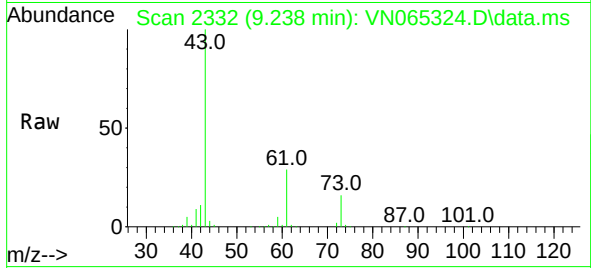




#45
1,2-Dichloropropane
Concen: 0.44 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

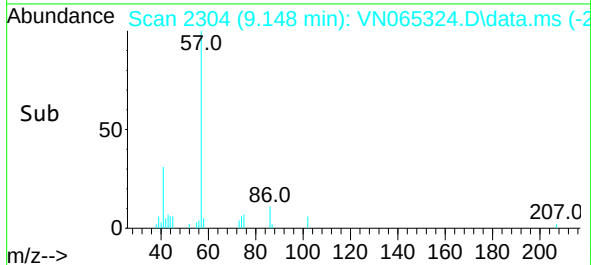
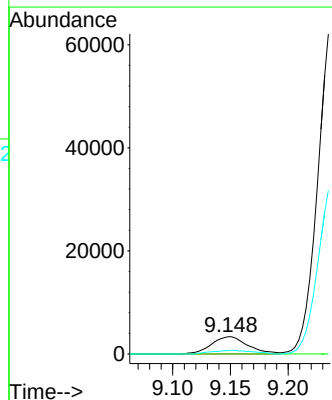
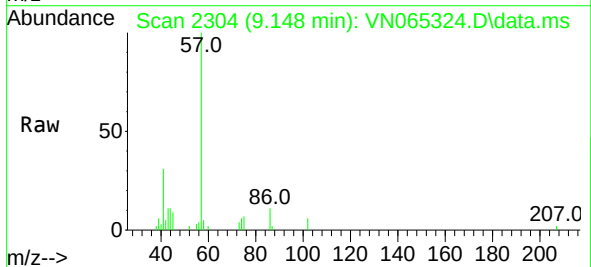
Instrument :
MSVOA_N
ClientSampled :

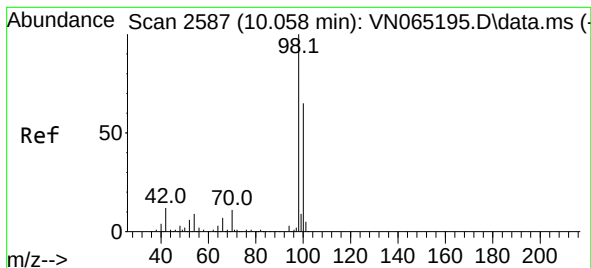
Tgt Ion: 63 Resp: 1782
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.70 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

Tgt Ion: 41 Resp: 7331
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

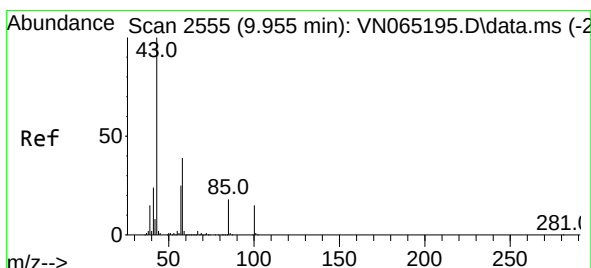
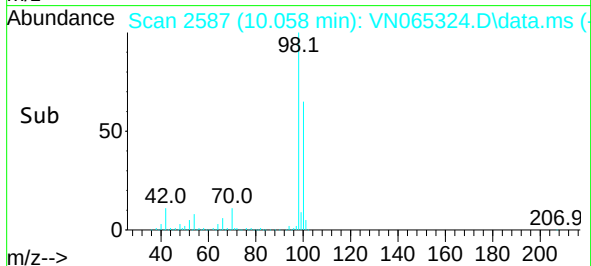
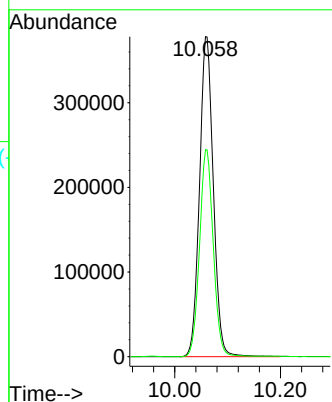
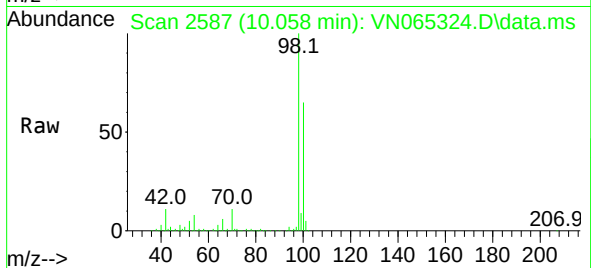




#50
Toluene-d8
Concen: 52.96 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

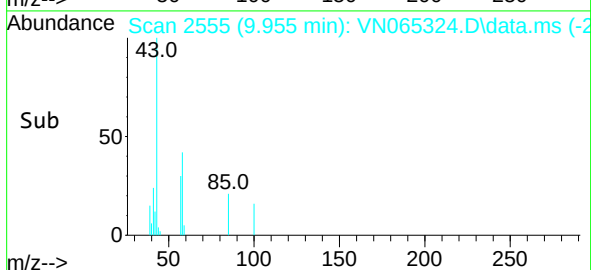
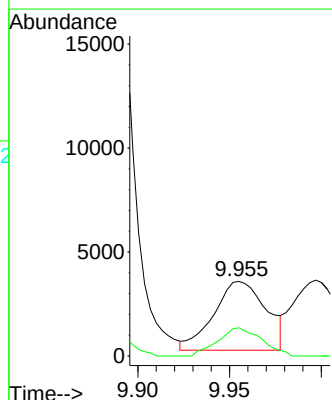
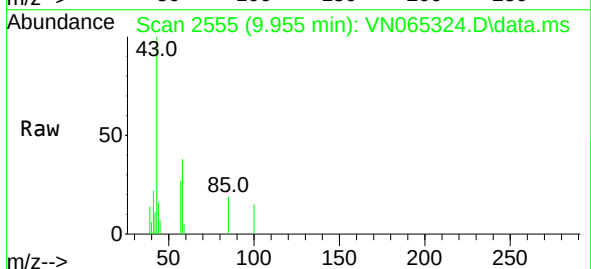
Instrument :
MSVOA_N
ClientSampled :

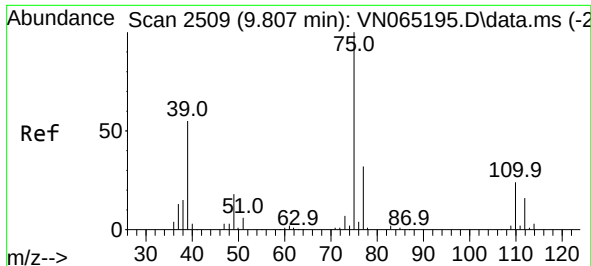
Tgt Ion: 98 Resp: 685076
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.31 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

Tgt Ion: 43 Resp: 6565
Ion Ratio Lower Upper
43 100
58 34.3 32.4 48.6

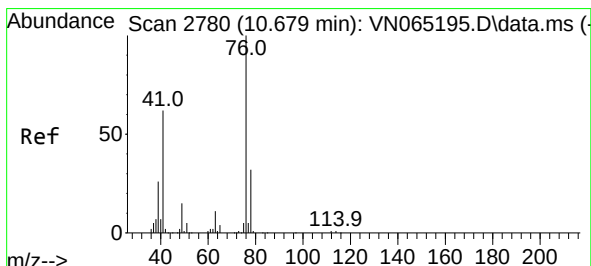
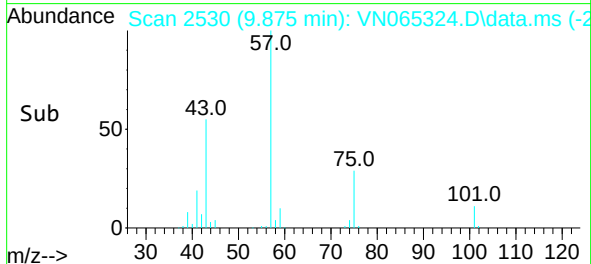
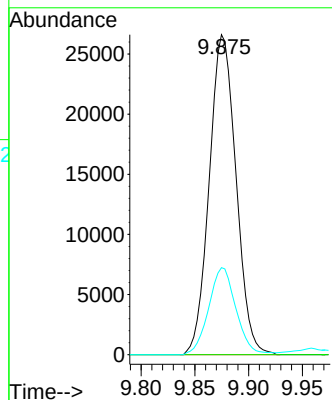
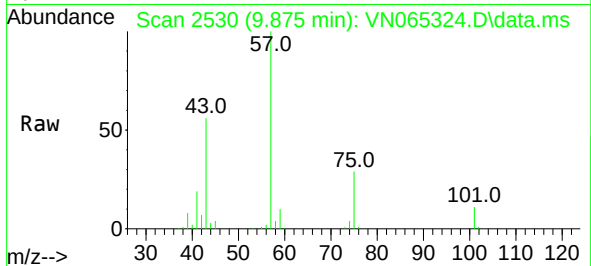




#54
 cis-1,3-Dichloropropene
 Concen: 6.67 ug/l
 RT: 9.875 min Scan# 2530
 Delta R.T. 0.068 min
 Lab File: VN065324.D
 Acq: 30 Dec 2020 16:46

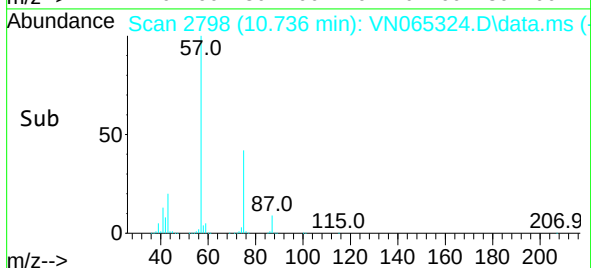
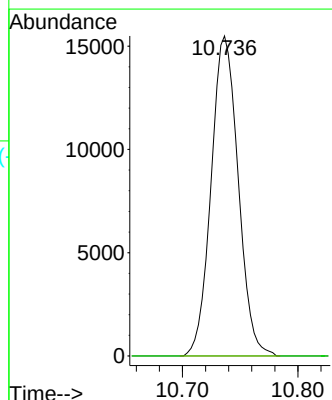
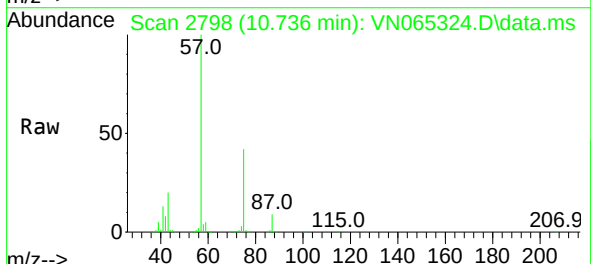
Instrument :
 MSVOA_N
 ClientSampled :

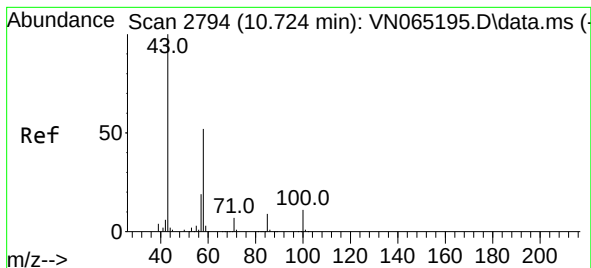
Tgt Ion: 75 Resp: 46051
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 27.2 35.6 53.4#



#57
 1,3-Dichloropropane
 Concen: 3.96 ug/l
 RT: 10.736 min Scan# 2798
 Delta R.T. 0.057 min
 Lab File: VN065324.D
 Acq: 30 Dec 2020 16:46

Tgt Ion: 76 Resp: 25250
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

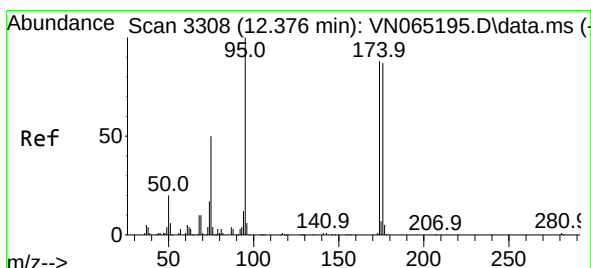
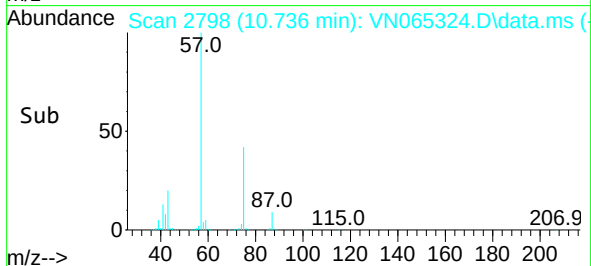
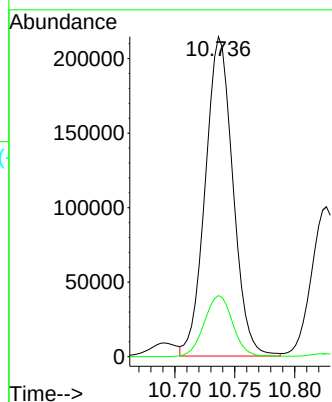
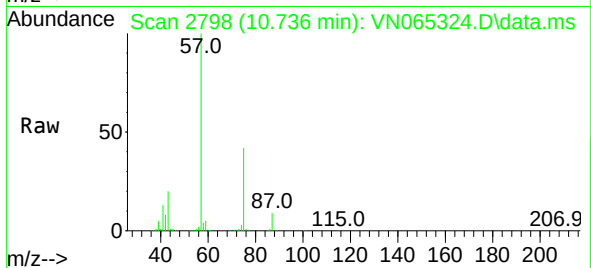




#59
2-Hexanone
Concen: 93.59 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

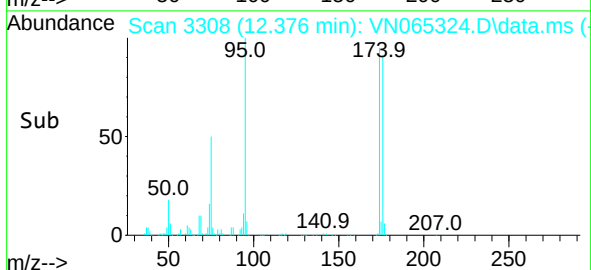
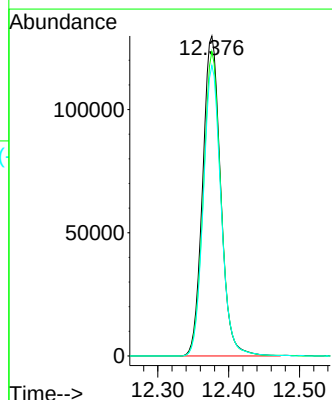
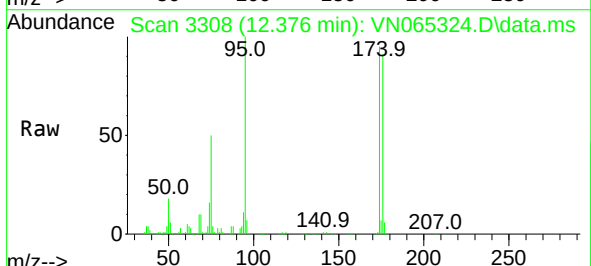
Instrument :
MSVOA_N
ClientSampled :

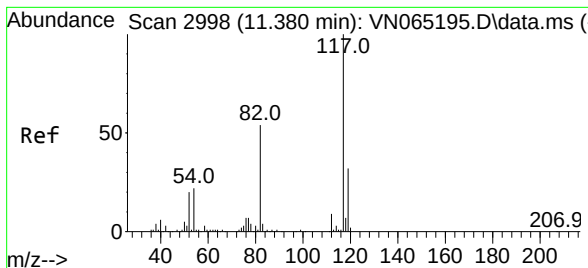
Tgt Ion: 43 Resp: 343789
Ion Ratio Lower Upper
43 100
58 19.9 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 45.26 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

Tgt Ion: 95 Resp: 228780
Ion Ratio Lower Upper
95 100
174 93.1 0.0 160.4
176 89.6 0.0 158.4

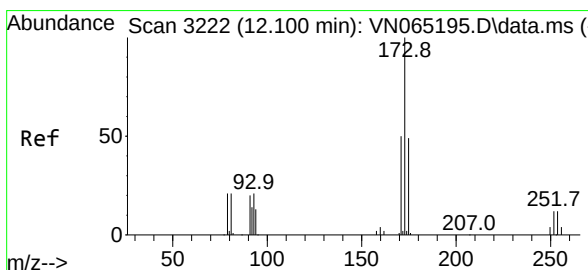
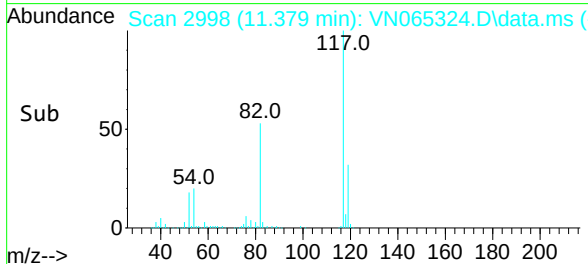
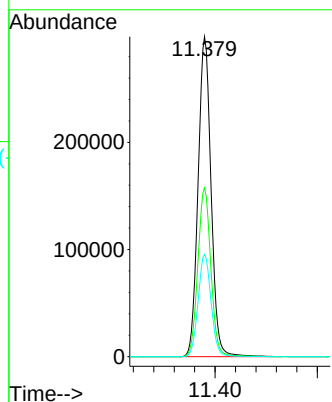
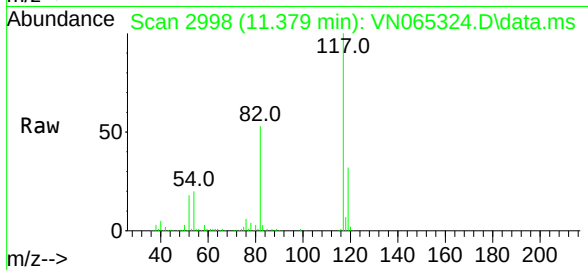




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

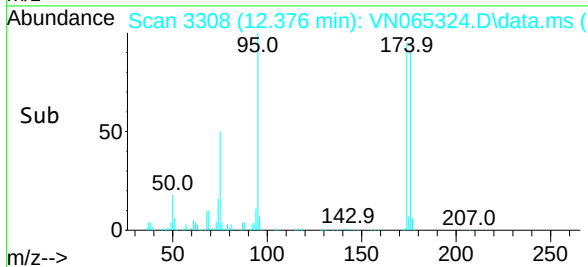
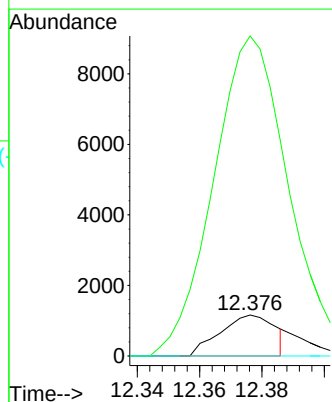
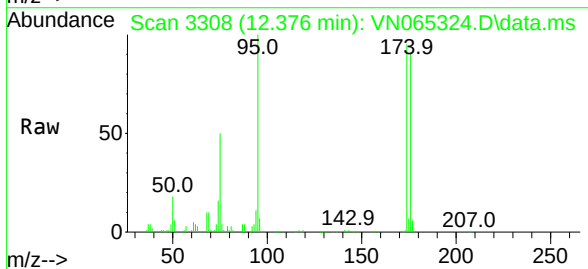
Instrument :
MSVOA_N
ClientSampleId :

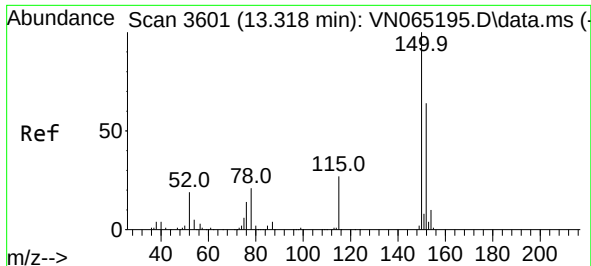
Tgt Ion:117 Resp: 526325
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.0 25.8 38.6



#71
Bromoform
Concen: 0.40 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

Tgt Ion:173 Resp: 1419
Ion Ratio Lower Upper
173 100
175 882.1 24.3 72.8#
254 0.0 0.0 0.0

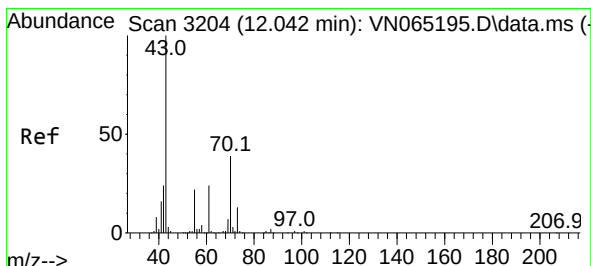
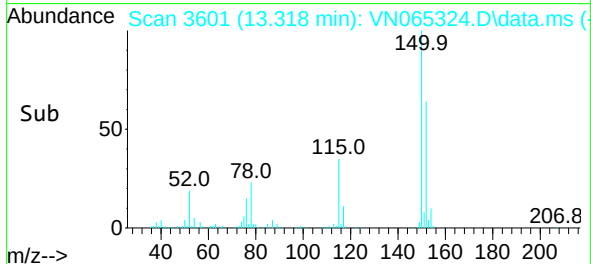
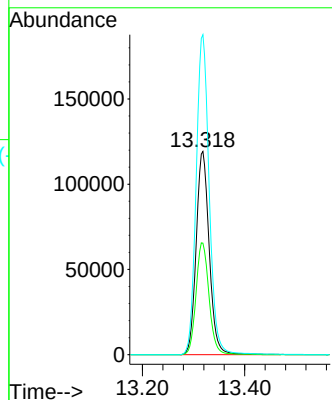
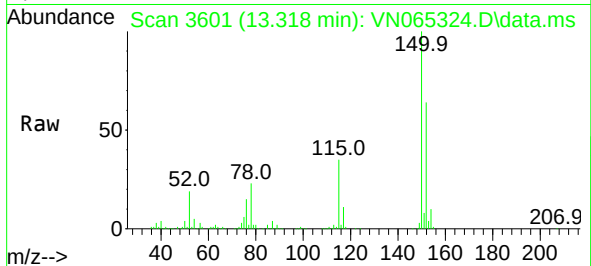




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

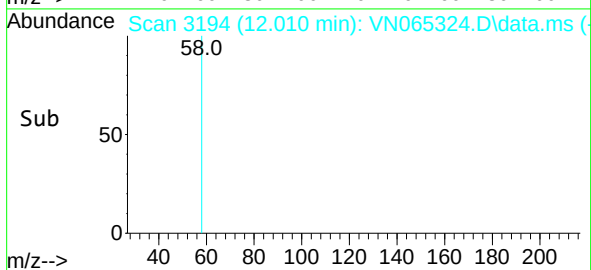
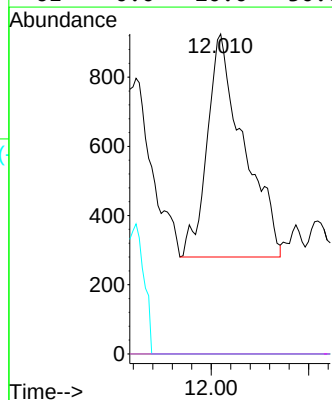
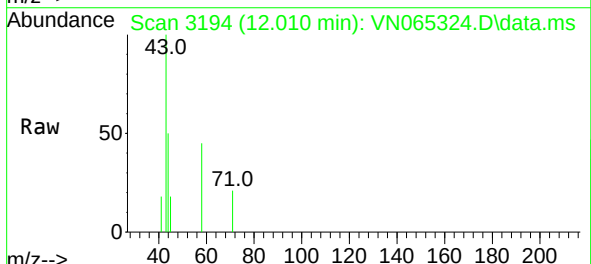
Instrument :
MSVOA_N
ClientSampleId :

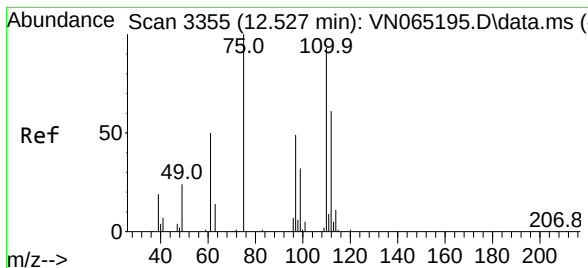
Tgt Ion:152 Resp: 211423
Ion Ratio Lower Upper
152 100
115 54.9 29.7 89.1
150 157.3 0.0 350.6



#74
N-ethyl acetate
Concen: 0.26 ug/l
RT: 12.010 min Scan# 3194
Delta R.T. -0.032 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

Tgt Ion: 43 Resp: 1680
Ion Ratio Lower Upper
43 100
70 0.0 34.5 51.7#
55 0.0 20.4 30.6#
61 0.0 20.0 30.0#

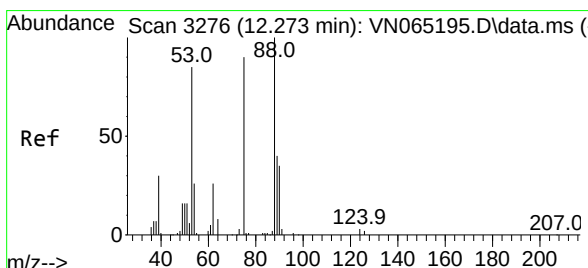
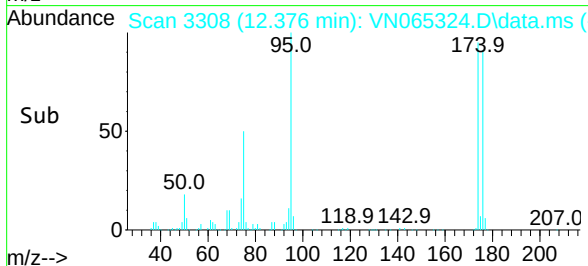
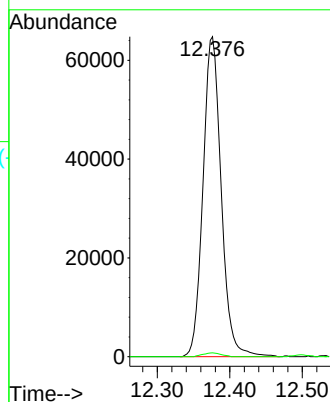
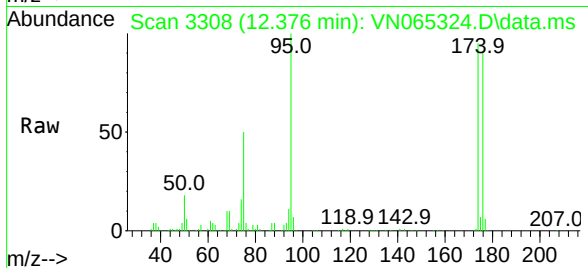




#76
1,2,3-Trichloropropane
Concen: 26.21 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

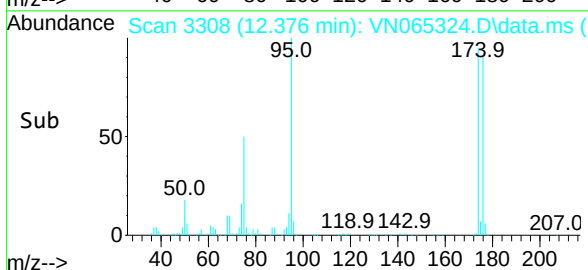
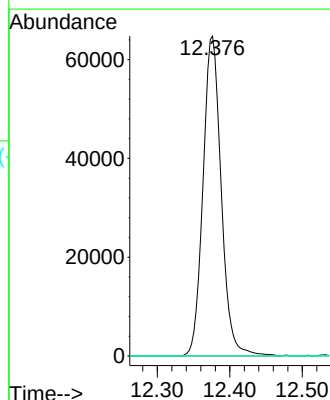
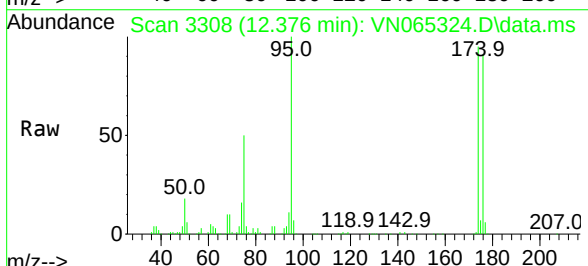
Instrument :
MSVOA_N
ClientSampleId :

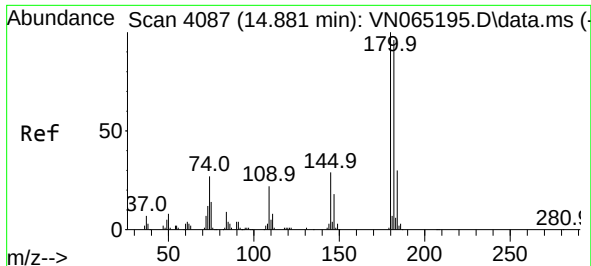
Tgt Ion: 75 Resp: 113054
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.09 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

Tgt Ion: 75 Resp: 113054
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

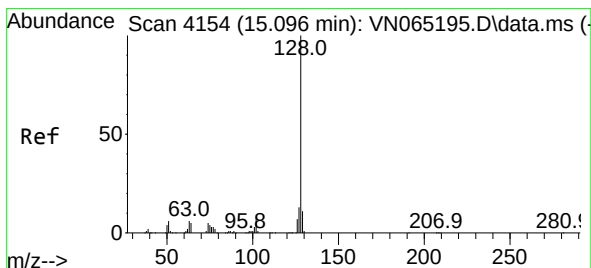
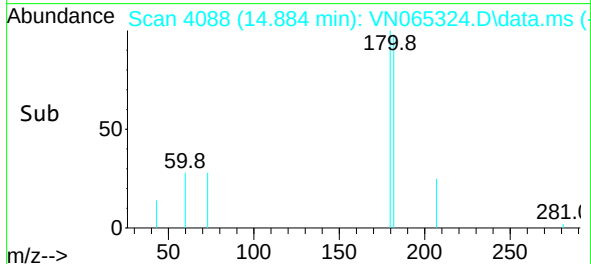
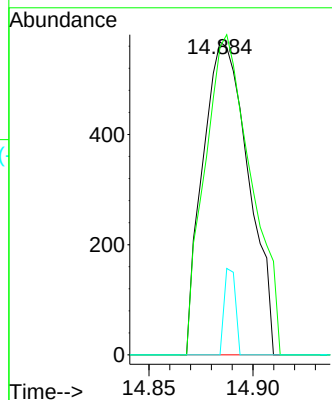
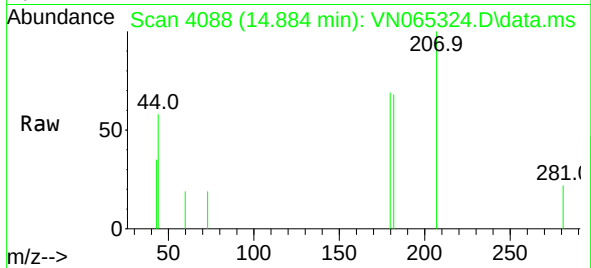




#93
1,2,4-Trichlorobenzene
Concen: 3.03 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

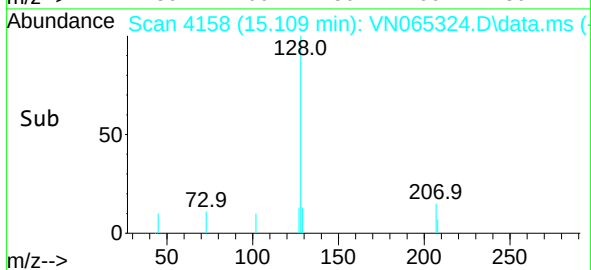
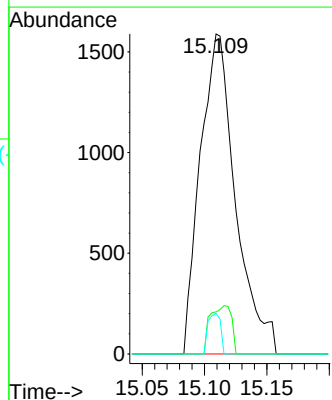
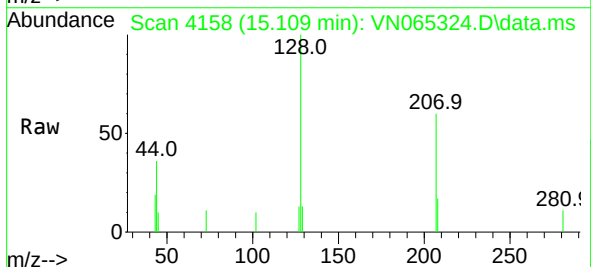
Instrument :
MSVOA_N
ClientSampled :

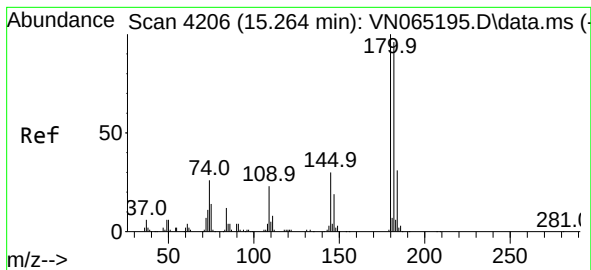
Tgt Ion:180 Resp: 868
Ion Ratio Lower Upper
180 100
182 103.9 47.6 142.9
145 6.8 15.3 45.8#



#95
Naphthalene
Concen: 3.64 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065324.D
Acq: 30 Dec 2020 16:46

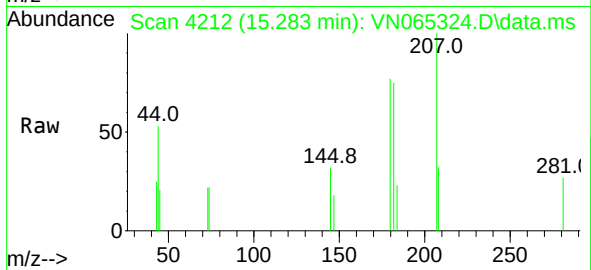
Tgt Ion:128 Resp: 3131
Ion Ratio Lower Upper
128 100
127 9.1 10.3 15.5#
129 4.5 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.51 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. 0.019 min
 Lab File: VN065324.D
 Acq: 30 Dec 2020 16:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1206
Ion	Ratio	Lower	Upper
180	100		
182	89.9	48.1	144.4
145	23.8	16.4	49.1

