

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065284.D
 Acq On : 28 Dec 2020 14:26
 Operator : JC/MD
 Sample : L5218-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Dec 29 02:21:27 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)

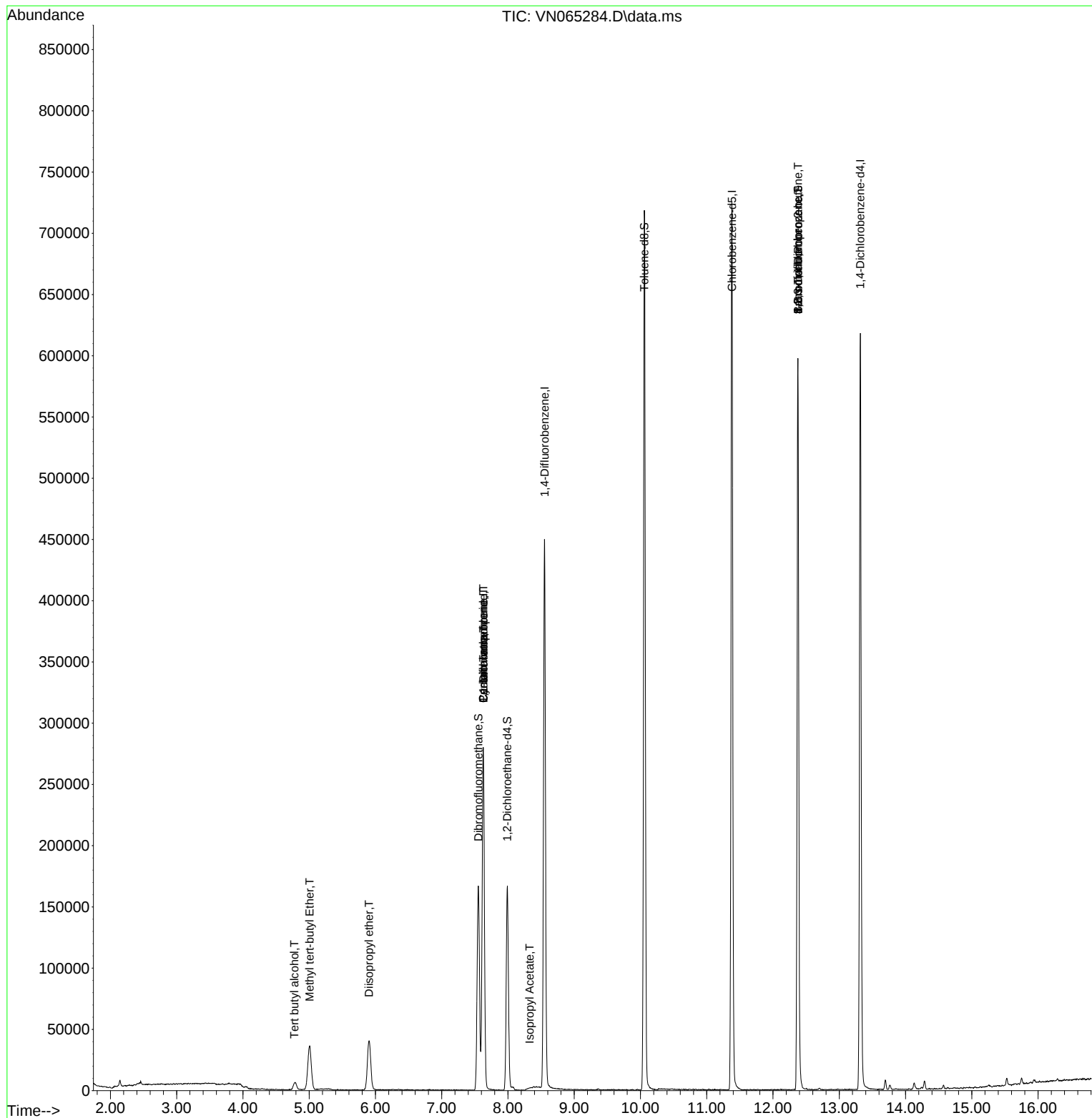
Internal Standards						
1) Pentafluorobenzene	7.627	168	253778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	421780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	446086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	186618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	146136	51.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 102.02%		
35) Dibromofluoromethane	7.553	113	129678	50.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 101.92%		
50) Toluene-d8	10.058	98	518549	54.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 108.74%		
62) 4-Bromofluorobenzene	12.376	95	208950	54.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 109.70%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.775	59	200	0.43	ug/l #	73
16) Acetone	3.772	43	444	Below Cal	#	43
19) Methyl tert-butyl Ether	5.007	73	64992	8.21	ug/l	98
22) Diisopropyl ether	5.901	45	1978	0.24	ug/l #	15
31) Cyclohexane	7.627	56	4256	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16632	4.34	ug/l #	49
38) Carbon Tetrachloride	7.627	117	21749	5.40	ug/l #	15
43) Isopropyl Acetate	8.328	43	1973	0.30	ug/l #	59
71) Bromoform	12.376	173	1316	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	102983	27.05	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	102983	68.21	ug/l #	15

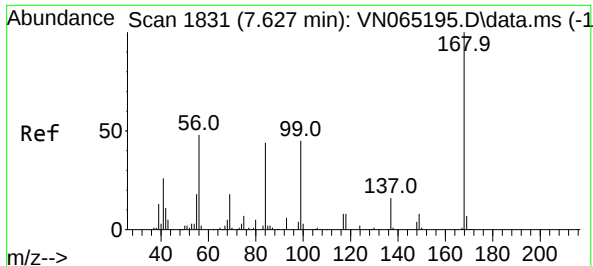
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
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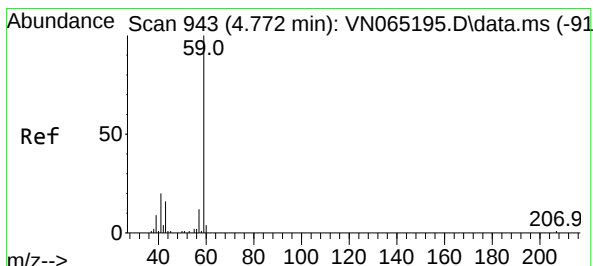
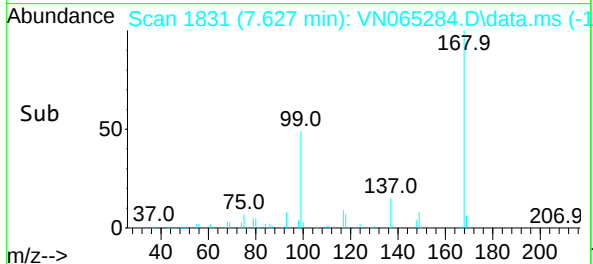
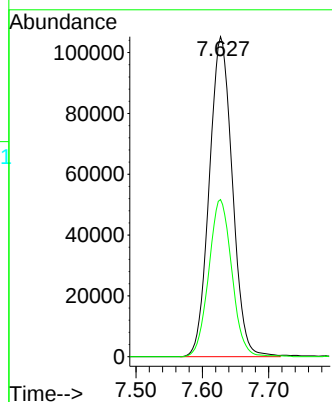
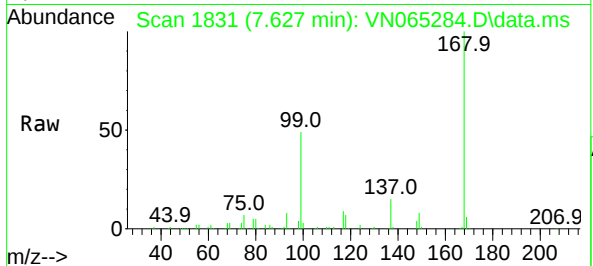




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

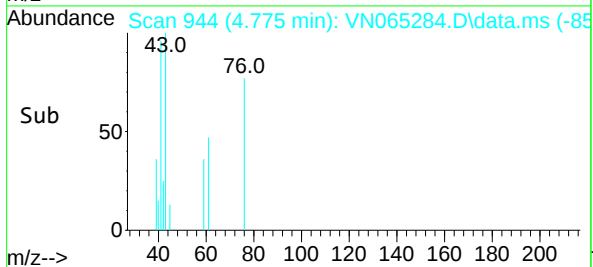
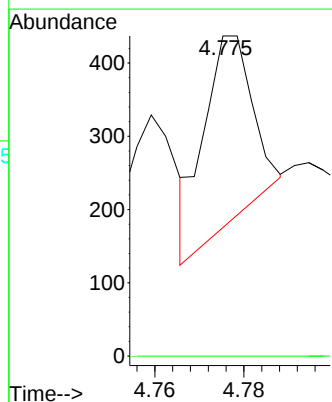
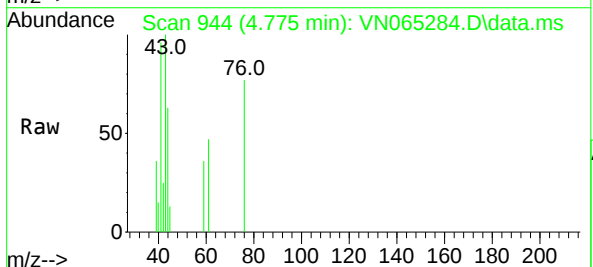
Instrument :
MSVOA_N
ClientSampled :
MW-5

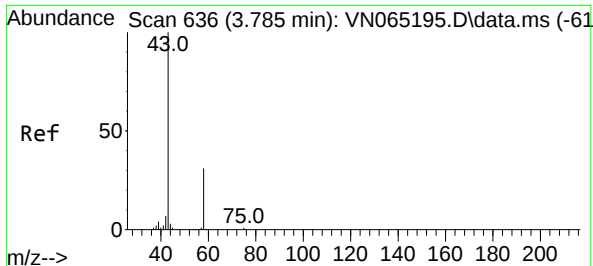
Tgt Ion:168 Resp: 253778
Ion Ratio Lower Upper
168 100
99 49.1 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.43 ug/l
RT: 4.775 min Scan# 944
Delta R.T. 0.003 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

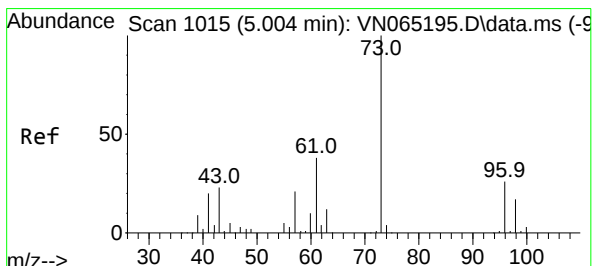
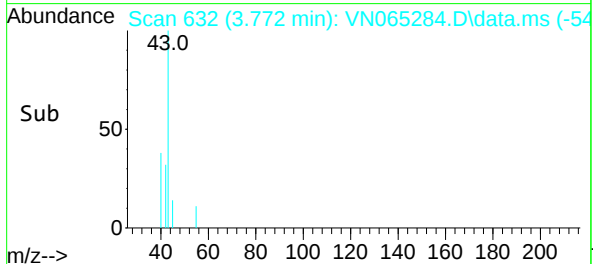
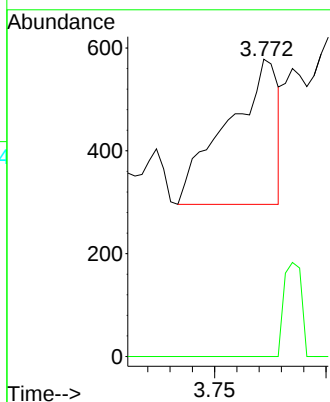
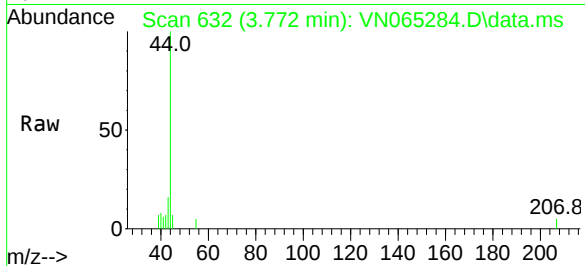




#16
Acetone
Concen: Below Cal
RT: 3.772 min Scan# 632
Delta R.T. -0.013 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

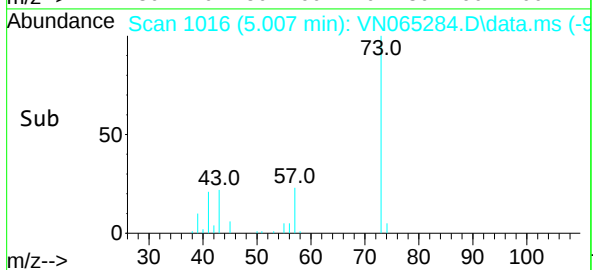
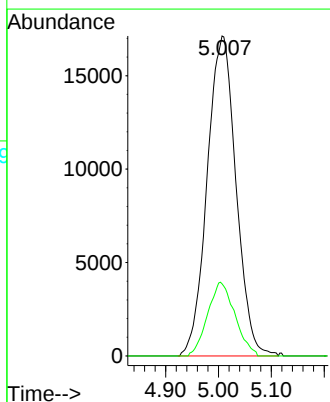
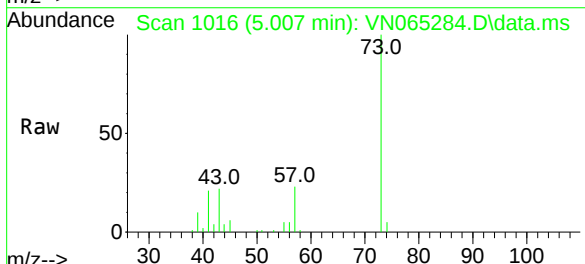
Instrument :
MSVOA_N
ClientSampled :
MW-5

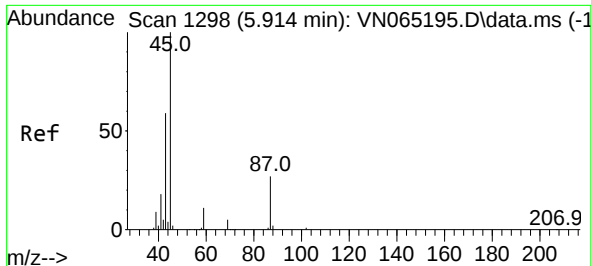
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#19
Methyl tert-butyl Ether
Concen: 8.21 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

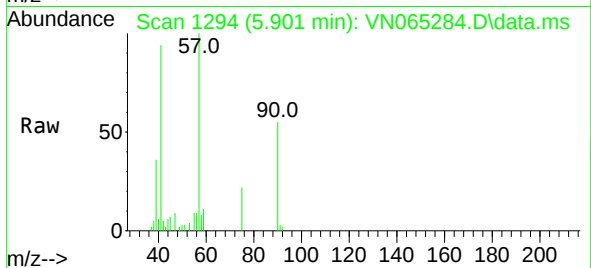
Tgt Ion: 73 Resp: 64992
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.0



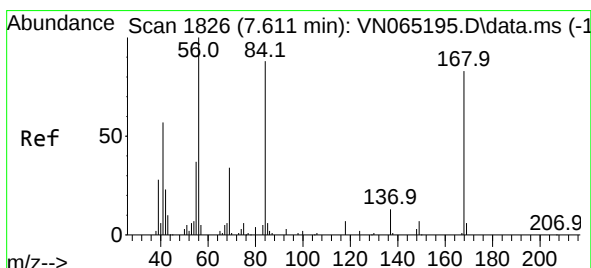
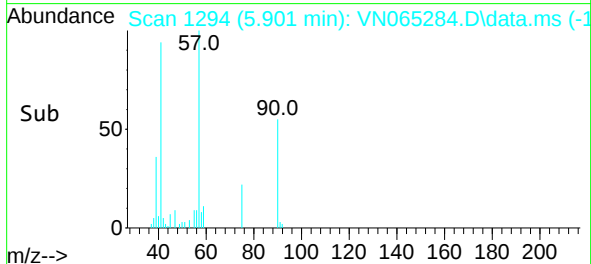
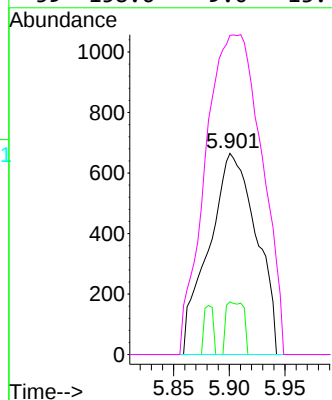


#22
Diisopropyl ether
Concen: 0.24 ug/l
RT: 5.901 min Scan# 1294
Delta R.T. -0.013 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

Instrument :
MSVOA_N
ClientSampled :
MW-5

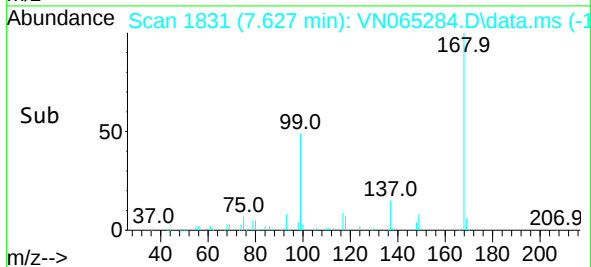
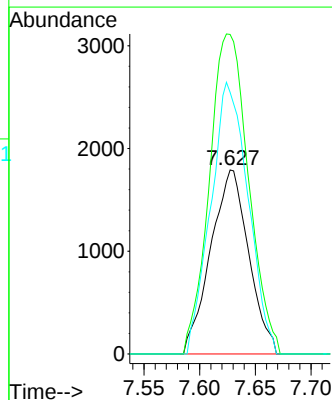
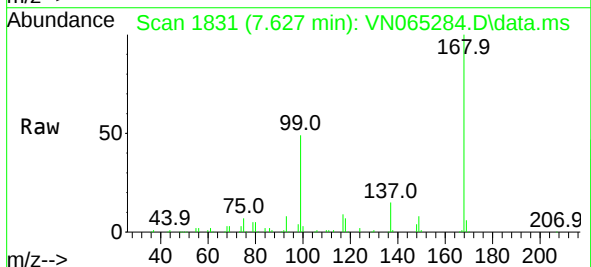


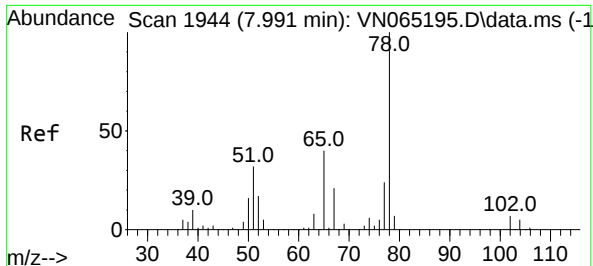
Tgt Ion:	45	Resp:	1978
Ion	Ratio	Lower	Upper
45	100		
43	26.2	46.2	69.2#
87	0.0	24.1	36.1#
59	158.6	9.0	13.4#



#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

Tgt Ion:	56	Resp:	4256
Ion	Ratio	Lower	Upper
56	100		
69	173.5	27.5	41.3#
84	142.1	73.9	110.9#

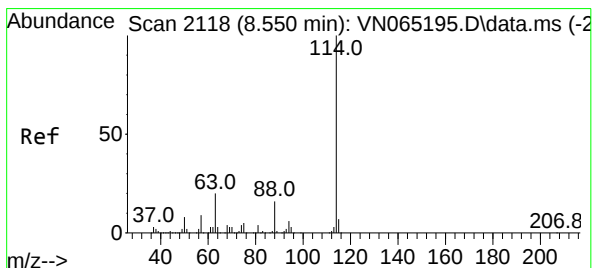
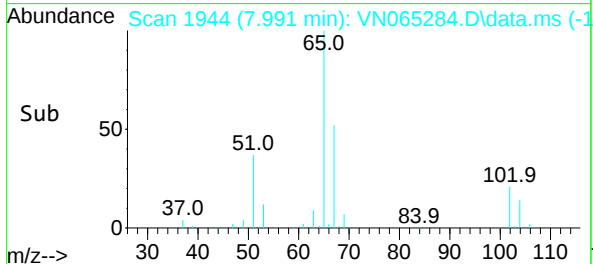
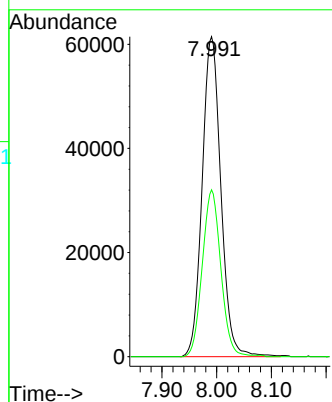
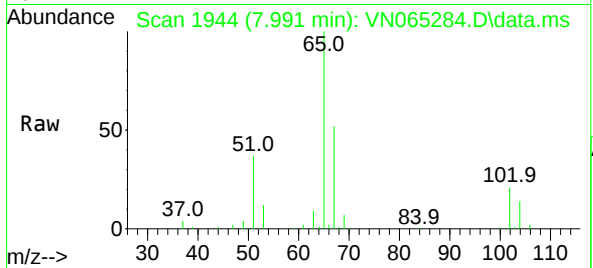




#33
1,2-Dichloroethane-d4
Concen: 51.01 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

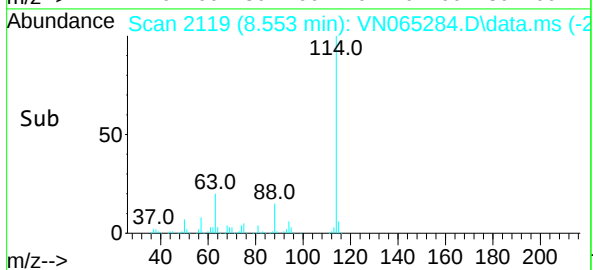
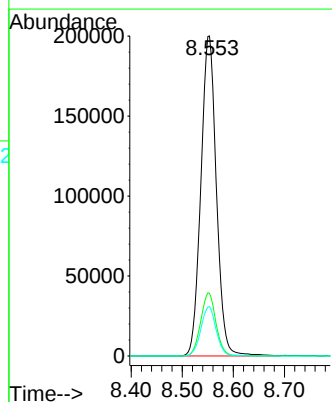
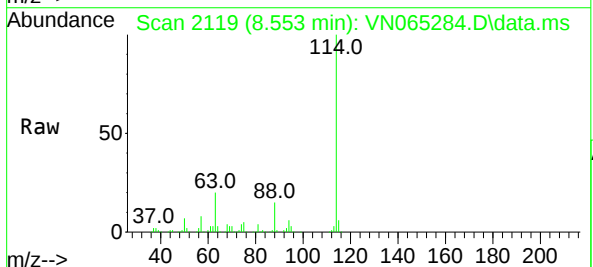
Instrument :
MSVOA_N
ClientSampled :
MW-5

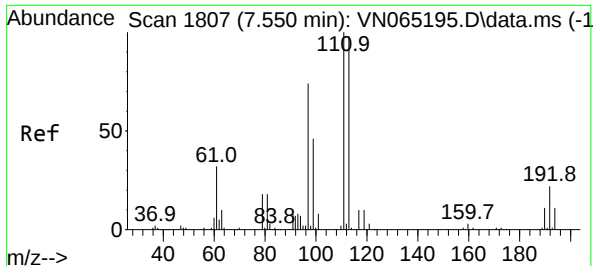
Tgt Ion: 65 Resp: 146136
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

Tgt Ion: 114 Resp: 421780
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.96 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065284.D

Acq: 28 Dec 2020 14:26

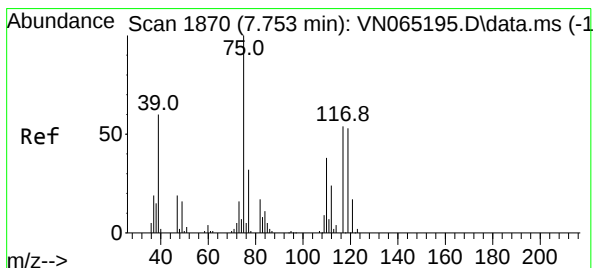
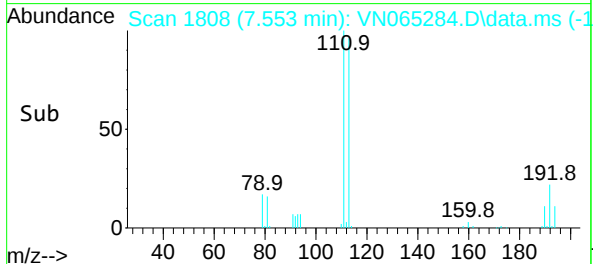
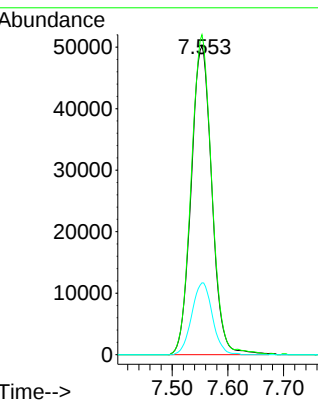
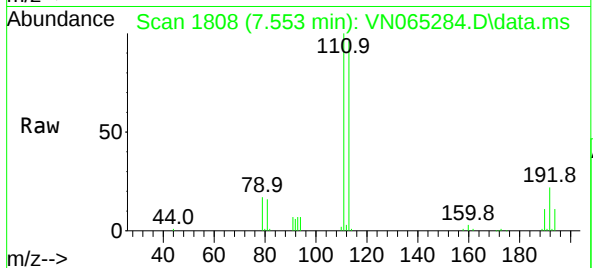
Tgt Ion:113 Resp: 129678

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

192 23.2 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.34 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. -0.126 min

Lab File: VN065284.D

Acq: 28 Dec 2020 14:26

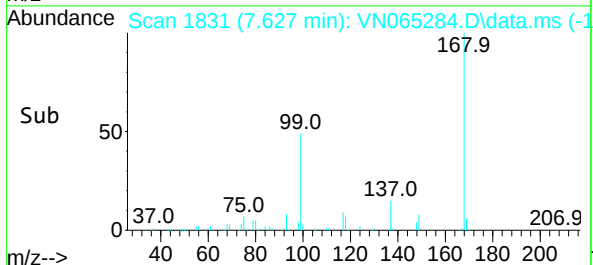
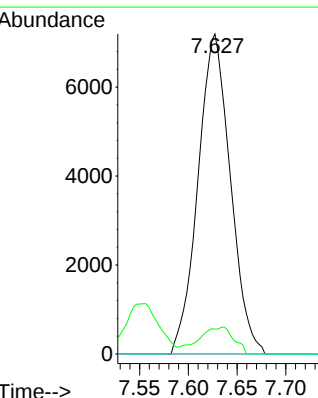
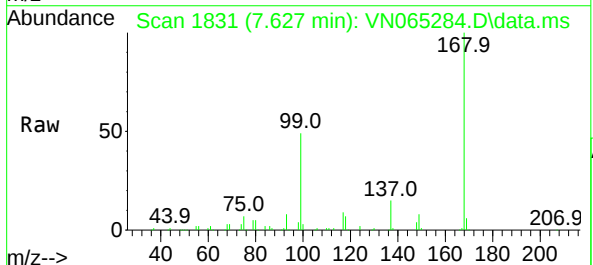
Tgt Ion: 75 Resp: 16632

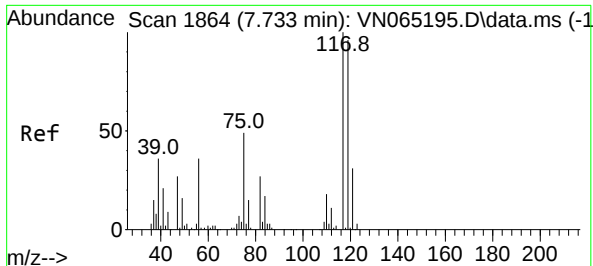
Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.3#

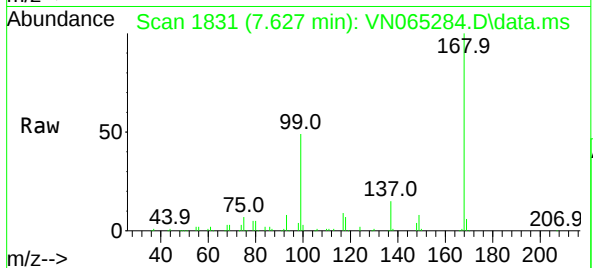
77 0.0 25.0 37.4#



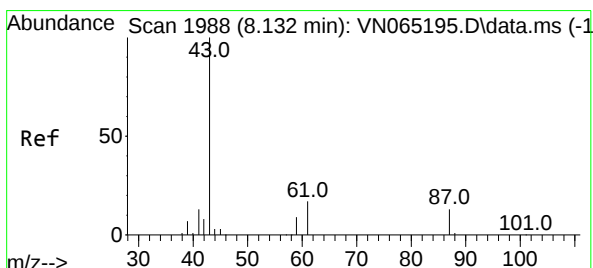
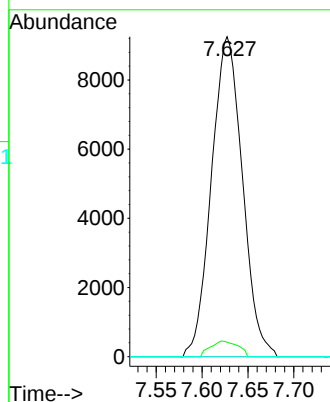
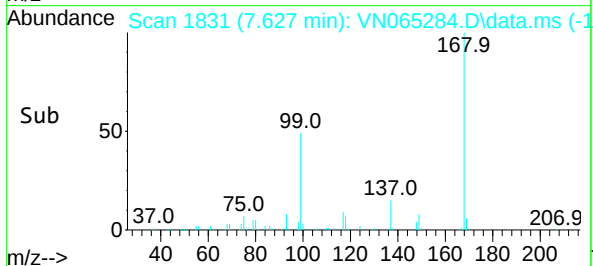


#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

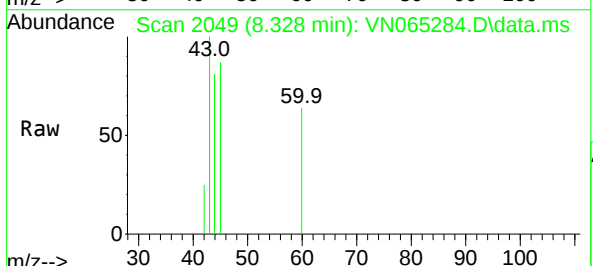
Instrument :
MSVOA_N
ClientSampled :
MW-5



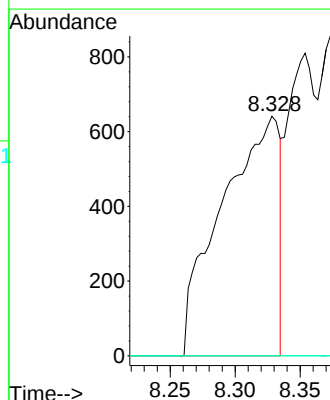
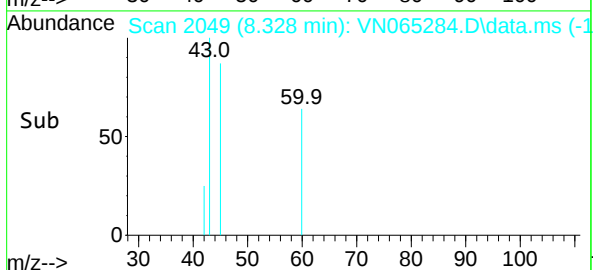
Tgt Ion:117 Resp: 21749
Ion Ratio Lower Upper
117 100
119 4.5 76.7 115.1#
121 0.0 25.4 38.2#

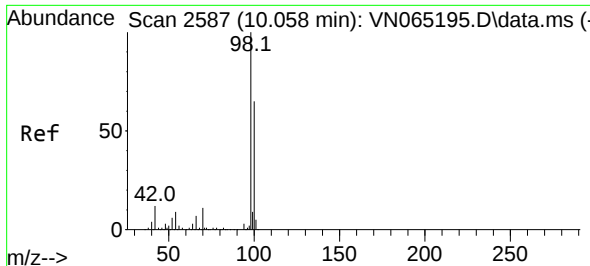


#43
Isopropyl Acetate
Concen: 0.30 ug/l
RT: 8.328 min Scan# 2049
Delta R.T. 0.196 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26



Tgt Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#

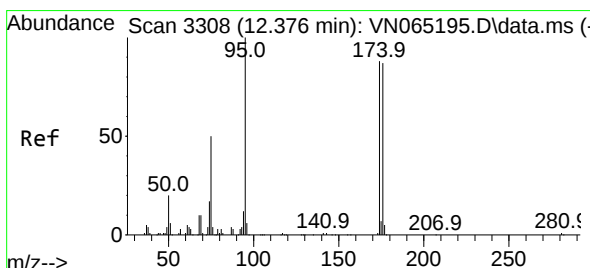
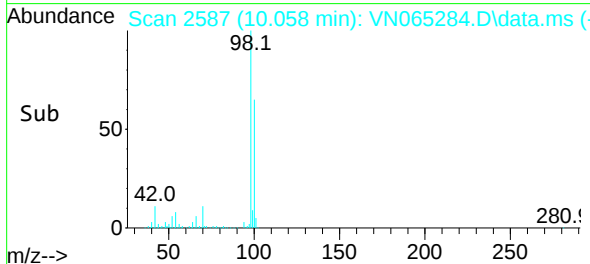
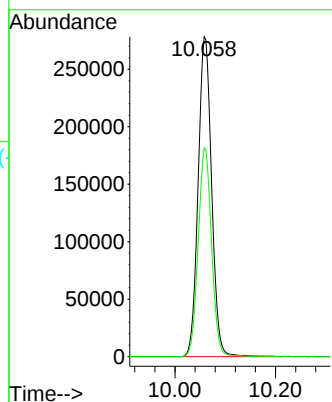
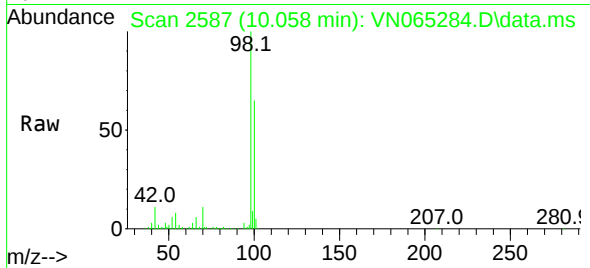




#50
Toluene-d8
Concen: 54.37 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

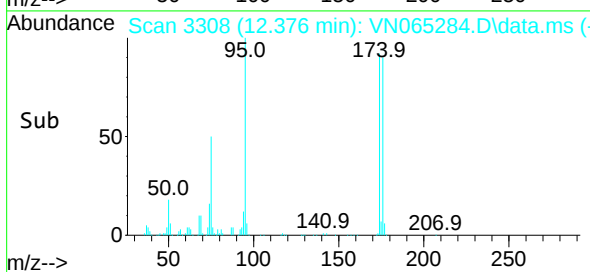
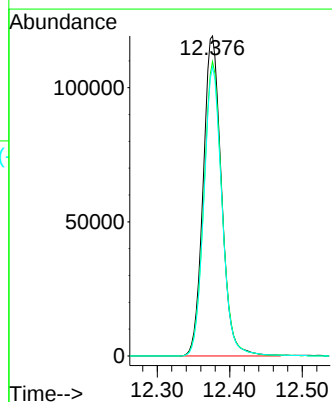
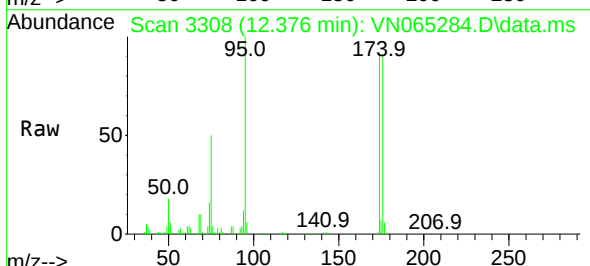
Instrument :
MSVOA_N
ClientSampleId :
MW-5

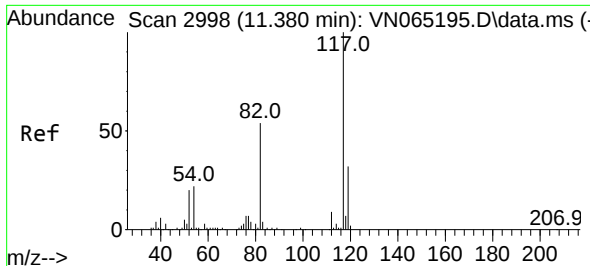
Tgt Ion: 98 Resp: 518549
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.85 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

Tgt Ion: 95 Resp: 208950
Ion Ratio Lower Upper
95 100
174 91.5 0.0 160.4
176 89.6 0.0 158.4

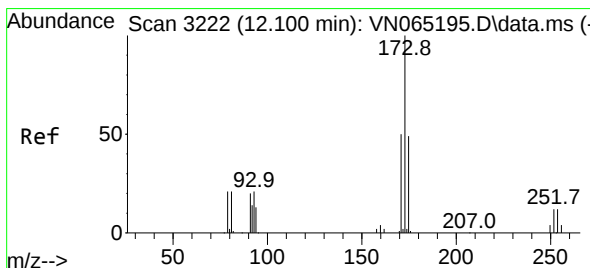
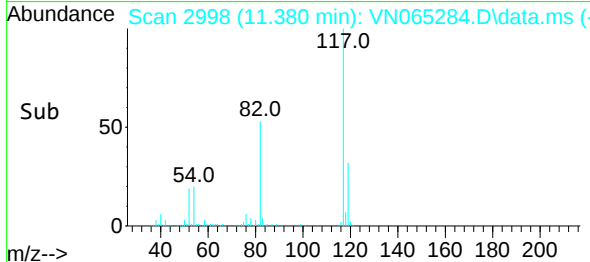
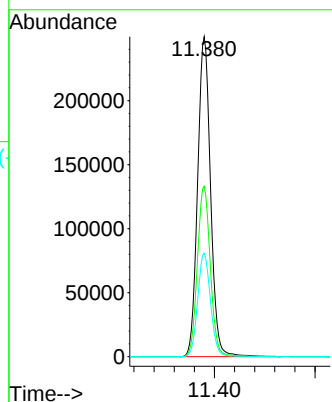
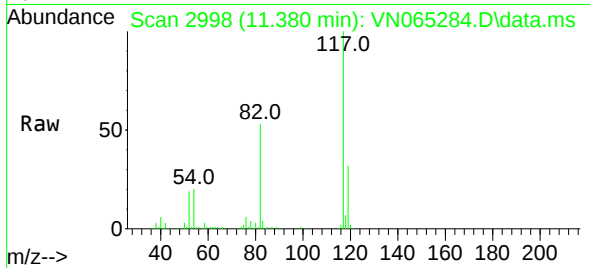




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

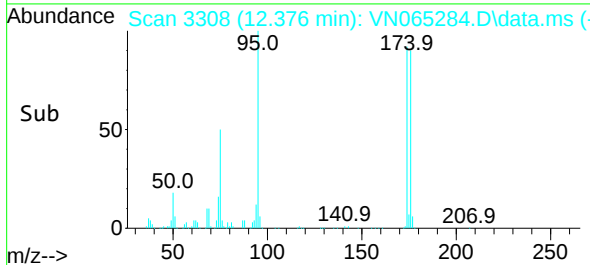
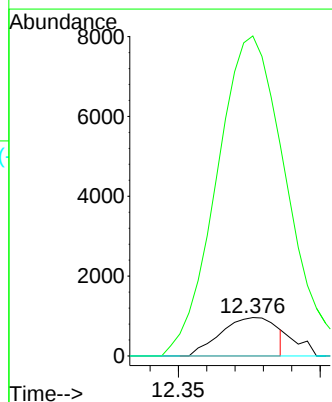
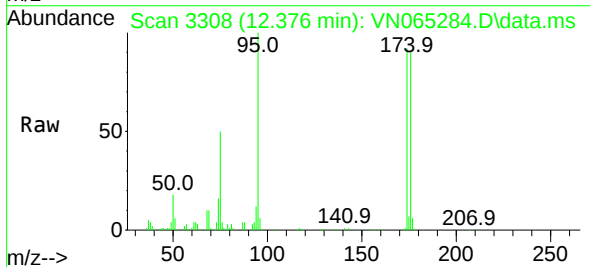
Instrument :
MSVOA_N
ClientSampleId :
MW-5

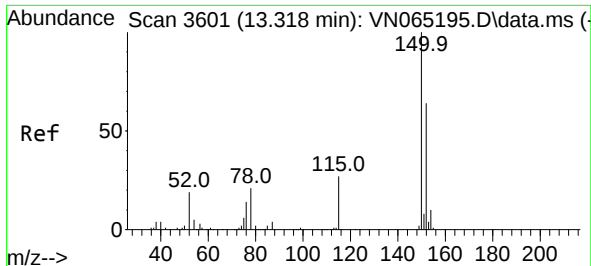
Tgt Ion:117 Resp: 446086
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 32.3 25.8 38.6



#71
Bromoform
Concen: 0.43 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065284.D
Acq: 28 Dec 2020 14:26

Tgt Ion:173 Resp: 1316
Ion Ratio Lower Upper
173 100
175 871.6 24.3 72.8#
254 0.0 0.0 0.0

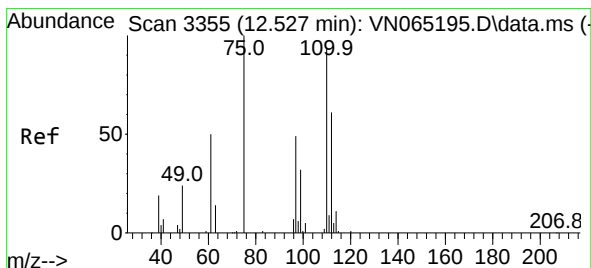
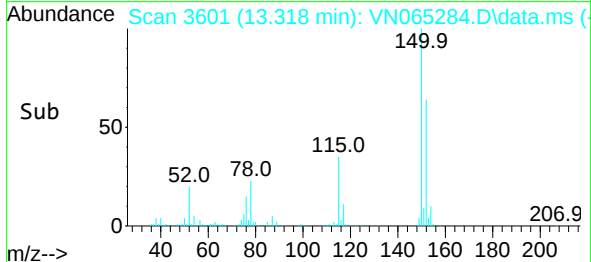
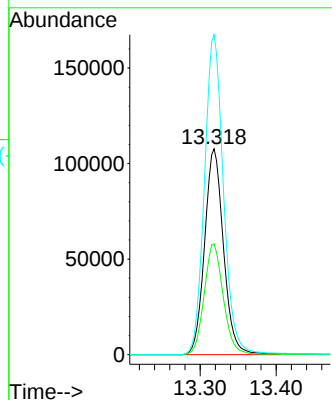
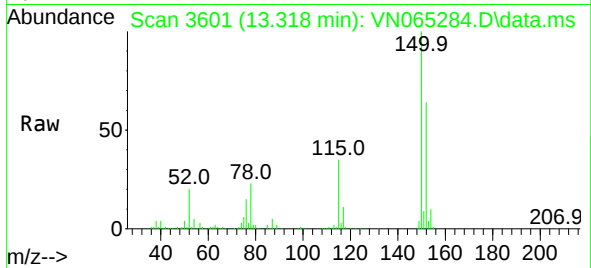




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065284.D
 Acq: 28 Dec 2020 14:26

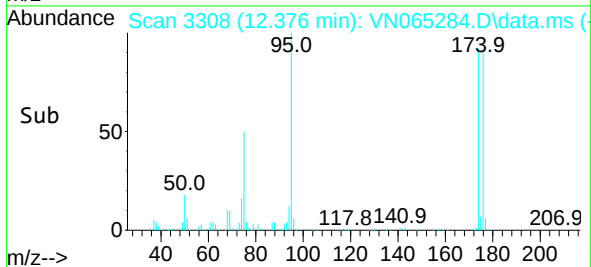
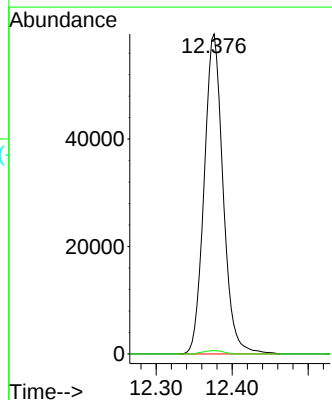
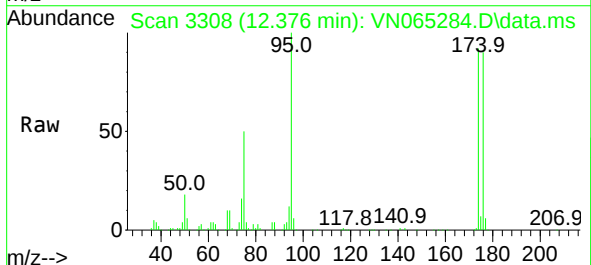
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

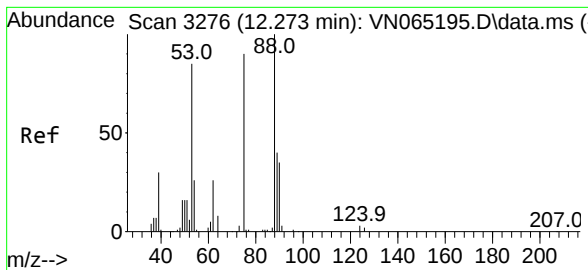
Tgt Ion:152 Resp: 186618
 Ion Ratio Lower Upper
 152 100
 115 54.2 29.7 89.1
 150 156.2 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 27.05 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.151 min
 Lab File: VN065284.D
 Acq: 28 Dec 2020 14:26

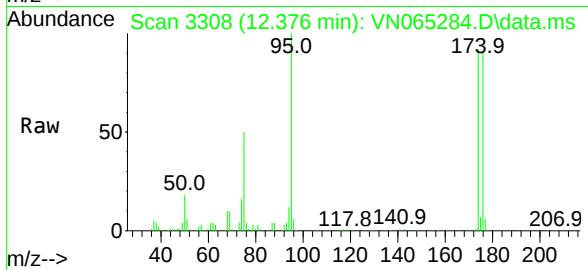
Tgt Ion: 75 Resp: 102983
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.21 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.103 min
 Lab File: VN065284.D
 Acq: 28 Dec 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5



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

