

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065397.D
 Acq On : 6 Jan 2021 13:48
 Operator : JC/MD
 Sample : M1018-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WGGM-21-WW-TSF-001

Quant Time: Jan 07 01:18:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 2020
 Response via : Initial Calibration

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

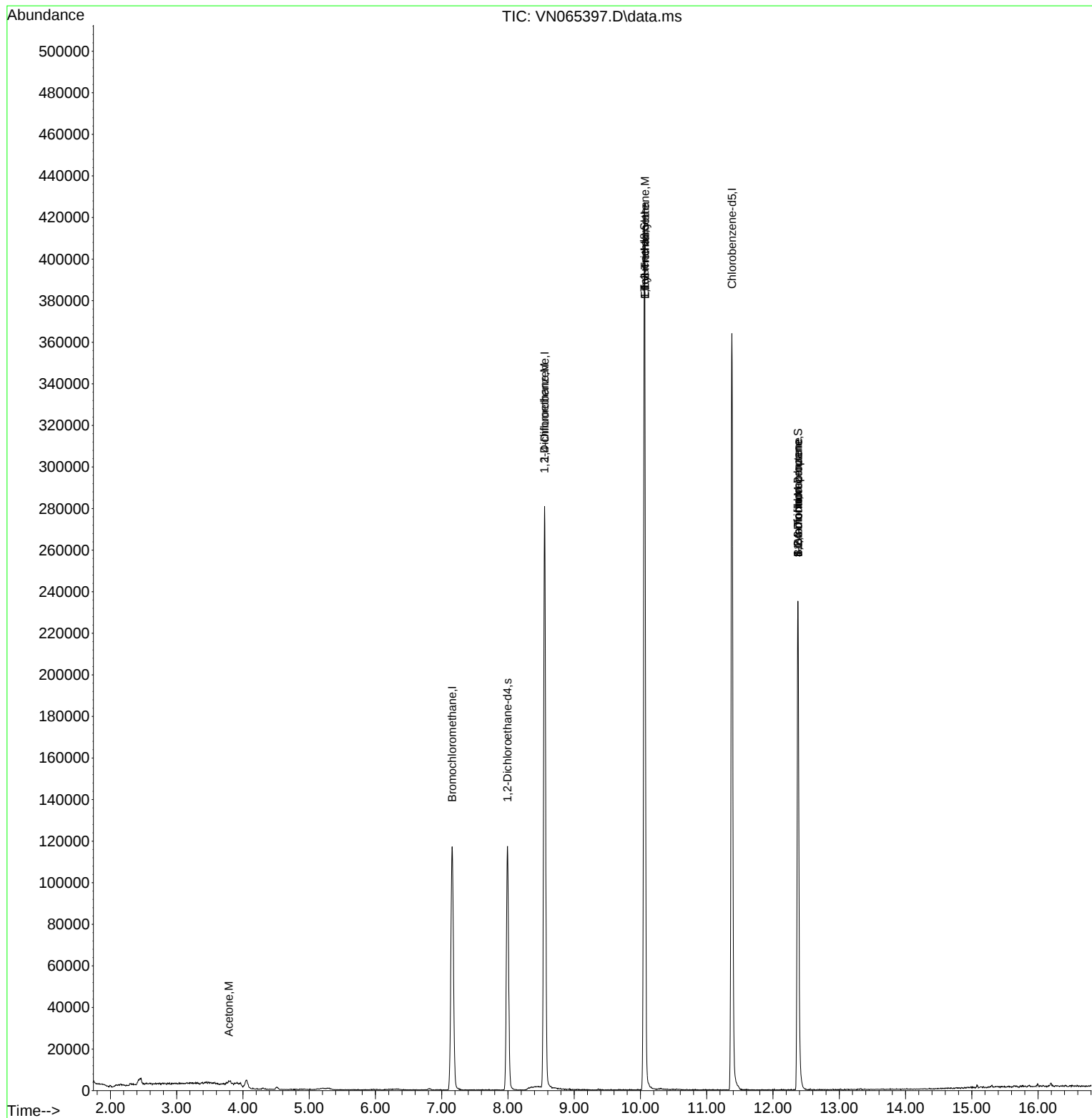
Internal Standards						
1) Bromochloromethane	7.158	128	49566	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	8.553	114	269194	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	233308	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.994	65	102512	28.50	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	95.00%	
60) 4-Bromofluorobenzene	12.376	95	87433	23.56	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	78.53%	
63) Toluene-d8	10.061	98	314956	30.44	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.47%	
Target Compounds						
15) Acetone	3.785	58	229	0.57	ug/l #	1
36) 1,2-Dichloroethane	8.550	62	7454	1.72	ug/l #	80
50) 1,1,2-Trichloroethane	10.068	97	10180	3.50	ug/l #	1
51) Ethyl methacrylate	10.068	69	967	0.21	ug/l #	65
56) Bromoform	12.376	173	597	0.22	ug/l #	1
72) 1,2,3-Trichloropropane	12.376	75	42108	11.34	ug/l	1
77) t-1,4-Dichloro-2-butene	12.376	75	42107	28.86	ug/l #	9

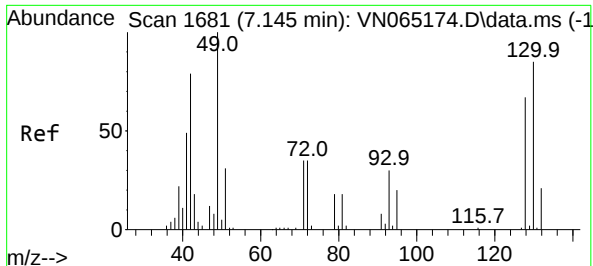
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WGGM-21-WW-TSF-001

Quant Time: Jan 07 01:18:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 21 13:17:58 2020
Response via : Initial Calibration

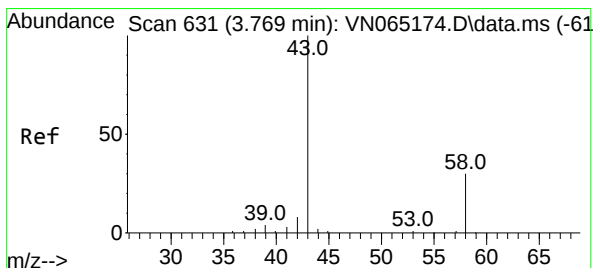
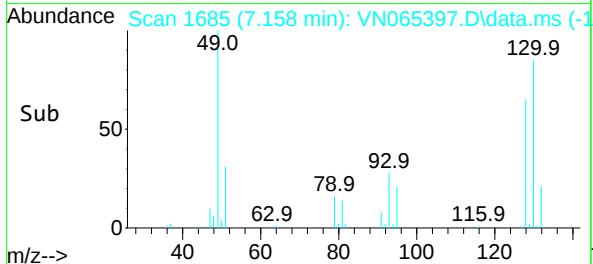
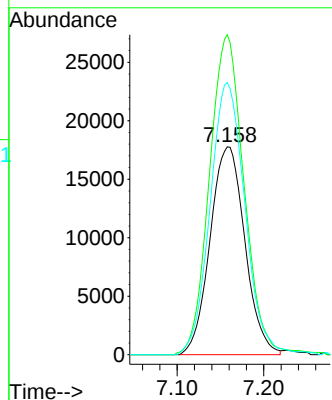
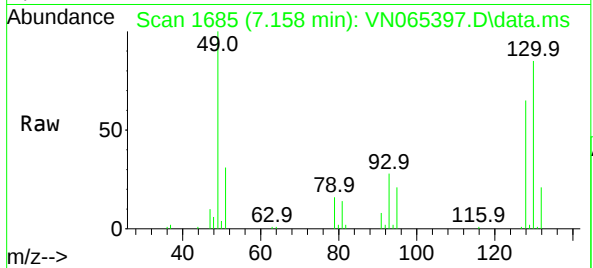




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.158 min Scan# 1685
Delta R.T. 0.013 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

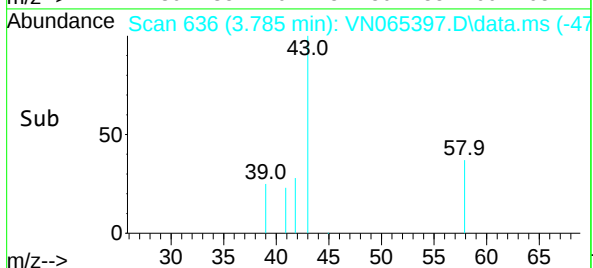
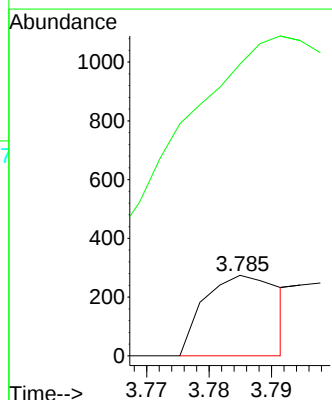
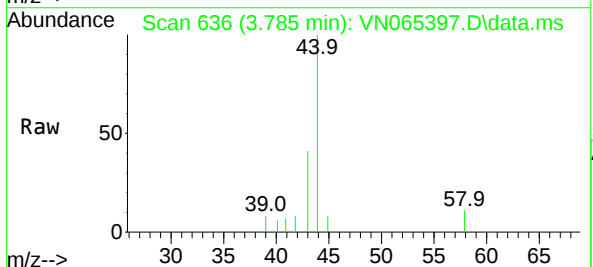
Instrument :
MSVOA_N
ClientSampleId :
WGGM-21-WW-TSF-001

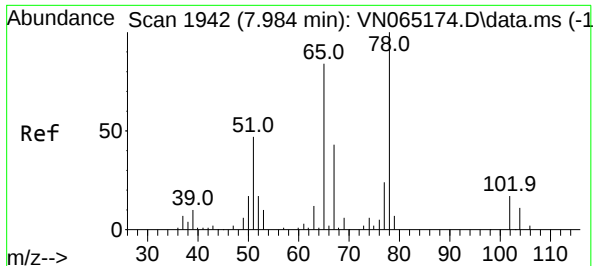
Tgt Ion:128 Resp: 49566
Ion Ratio Lower Upper
128 100
49 153.0 0.0 475.5
130 131.1 0.0 315.3



#15
Acetone
Concen: 0.57 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.016 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

Tgt Ion: 58 Resp: 229
Ion Ratio Lower Upper
58 100
43 74.1 289.8 434.8#



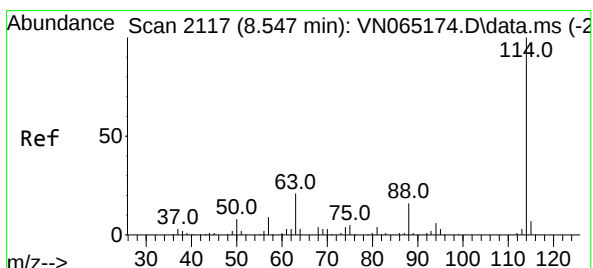
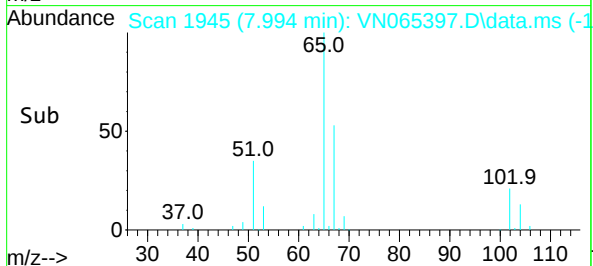
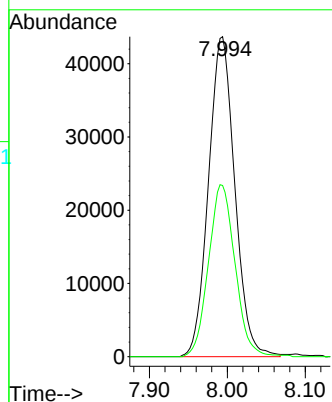
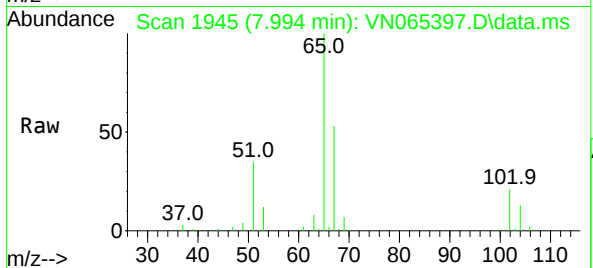


#27

1,2-Dichloroethane-d4
Concen: 28.50 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.010 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
WGGM-21-WW-TSF-001

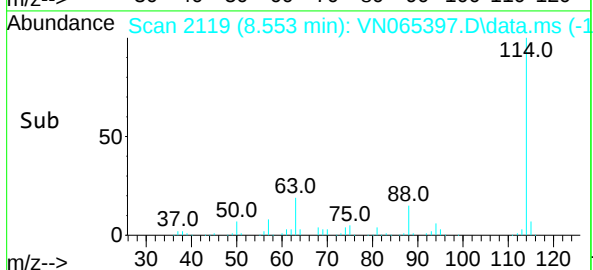
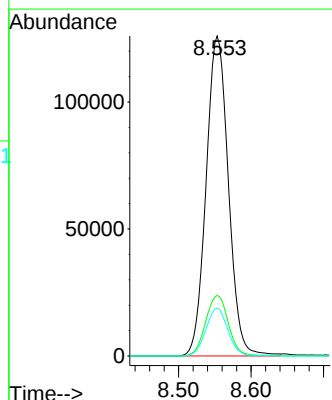
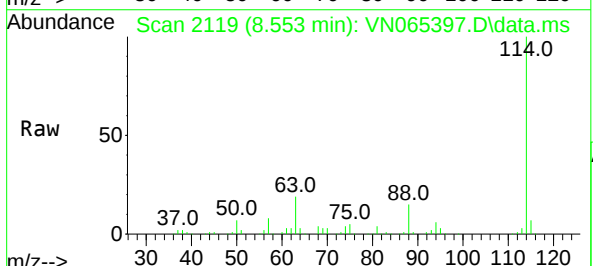
Tgt Ion: 65 Resp: 102512
Ion Ratio Lower Upper
65 100
67 54.2 41.1 61.7

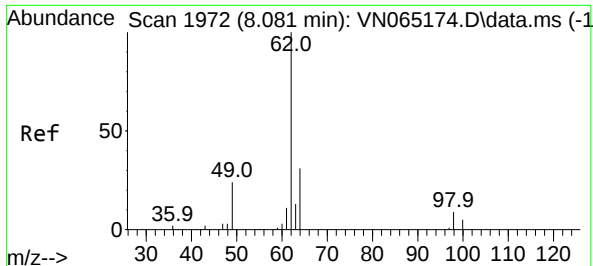


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

Tgt Ion: 114 Resp: 269194
Ion Ratio Lower Upper
114 100
63 19.2 18.5 27.7
88 14.7 13.0 19.6

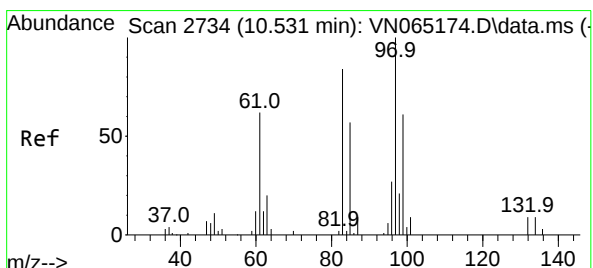
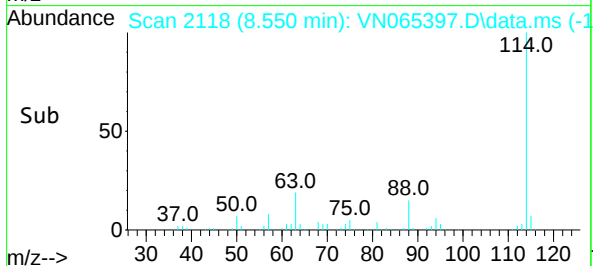
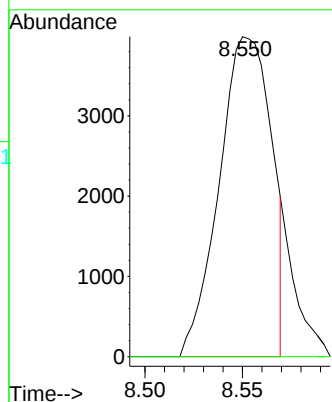
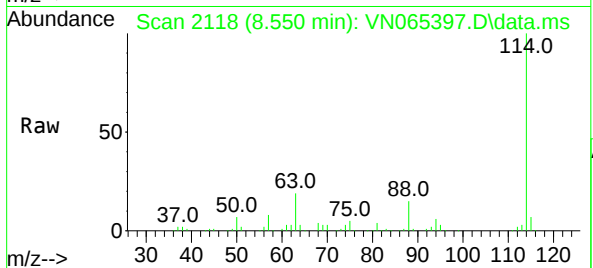




#36
1,2-Dichloroethane
Concen: 1.72 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.469 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

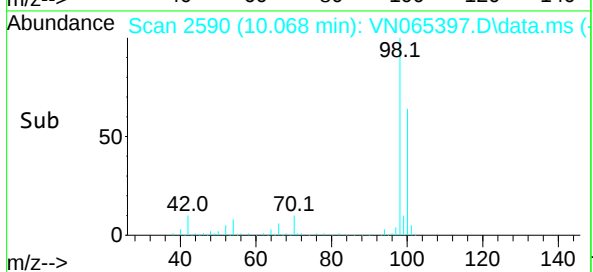
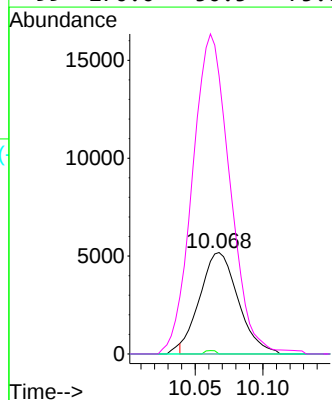
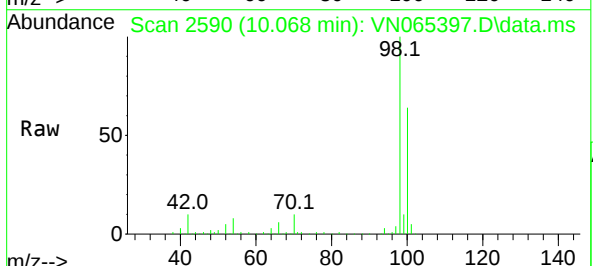
Instrument :
MSVOA_N
ClientSampleId :
WGGM-21-WW-TSF-001

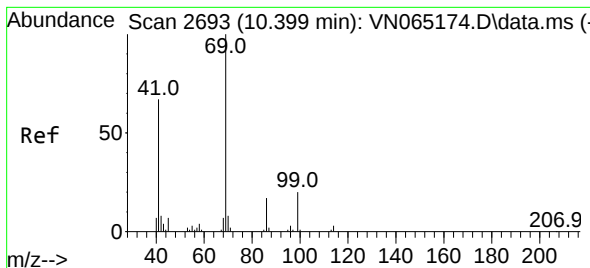
Tgt Ion: 62 Resp: 7454
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#



#50
1,1,2-Trichloroethane
Concen: 3.50 ug/l
RT: 10.068 min Scan# 2590
Delta R.T. -0.463 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

Tgt Ion: 97 Resp: 10180
Ion Ratio Lower Upper
97 100
83 0.0 74.2 111.4#
85 0.0 44.8 67.2#
99 270.0 50.5 75.7#

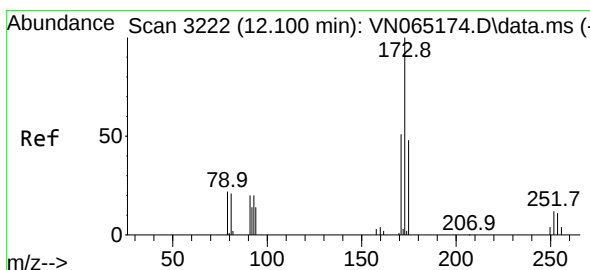
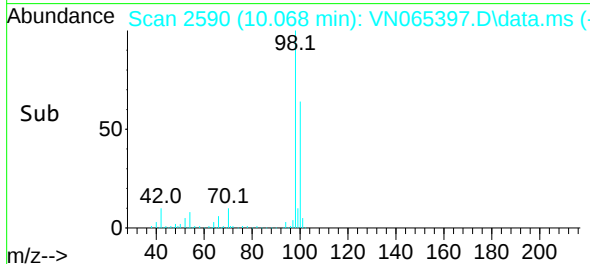
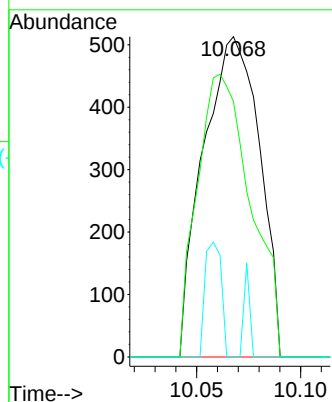
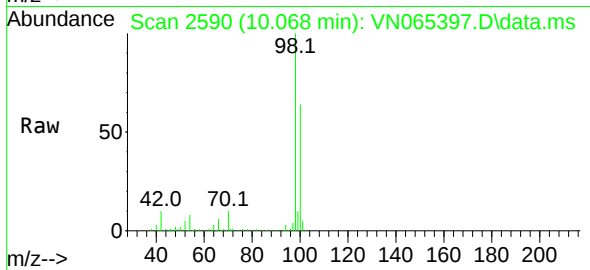




#51
Ethyl methacrylate
Concen: 0.21 ug/l
RT: 10.068 min Scan# 2590
Delta R.T. -0.331 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

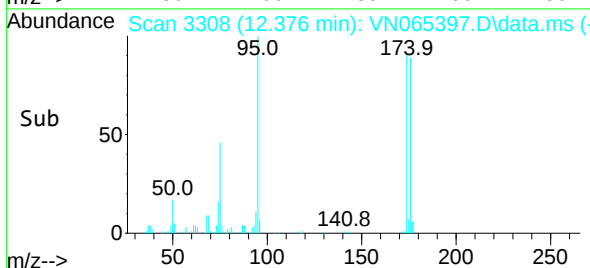
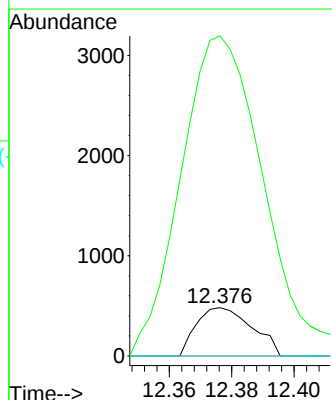
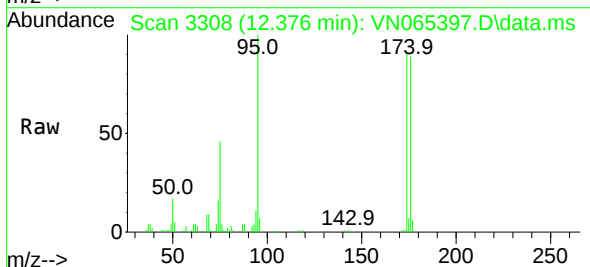
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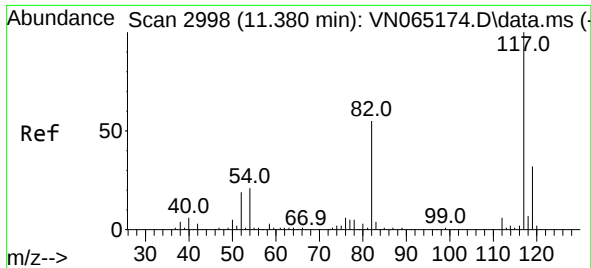
Tgt Ion: 69 Resp: 967
Ion Ratio Lower Upper
69 100
41 79.7 35.4 106.1
39 0.0 24.1 72.2#



#56
Bromoform
Concen: 0.22 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

Tgt Ion: 173 Resp: 597
Ion Ratio Lower Upper
173 100
175 985.9 37.1 55.7#
254 0.0 5.4 8.2#

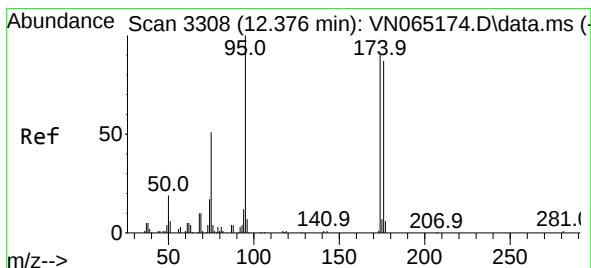
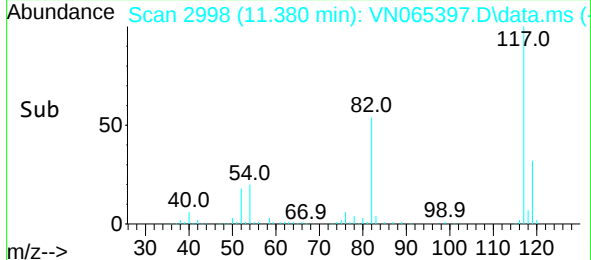
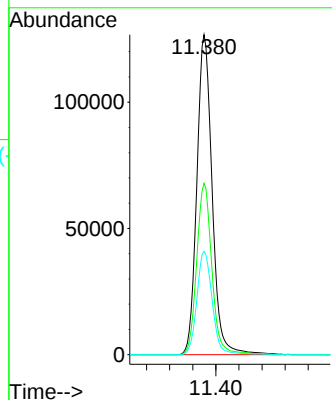
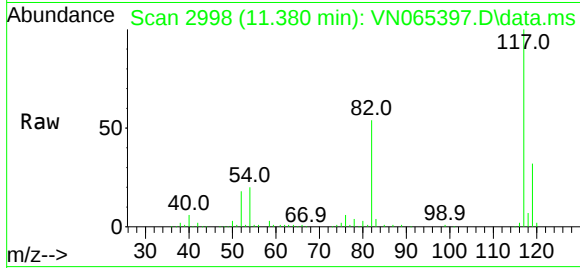




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

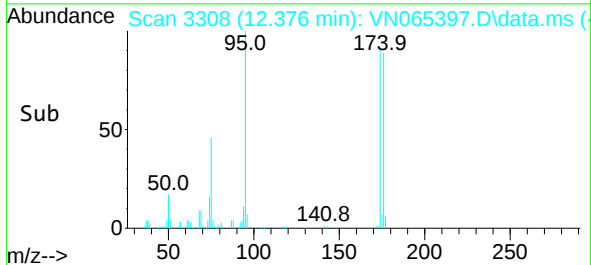
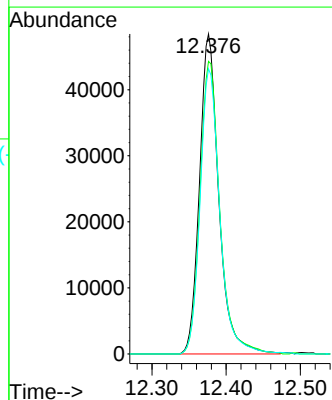
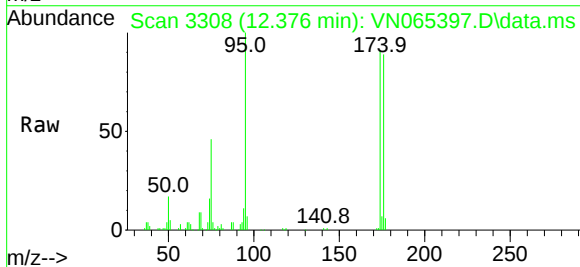
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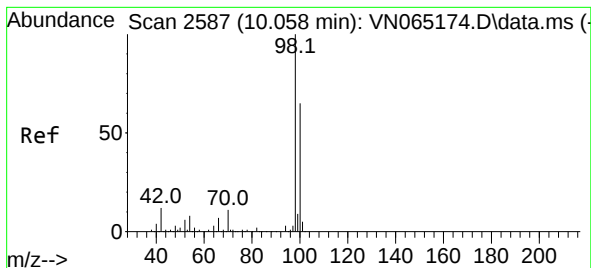
Tgt Ion:117 Resp: 233308
Ion Ratio Lower Upper
117 100
82 52.6 47.8 71.8
119 32.3 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 23.56 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.000 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

Tgt Ion: 95 Resp: 87433
Ion Ratio Lower Upper
95 100
174 94.4 56.4 84.6#
176 91.0 53.3 79.9#

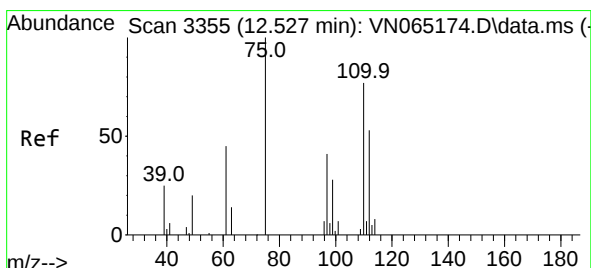
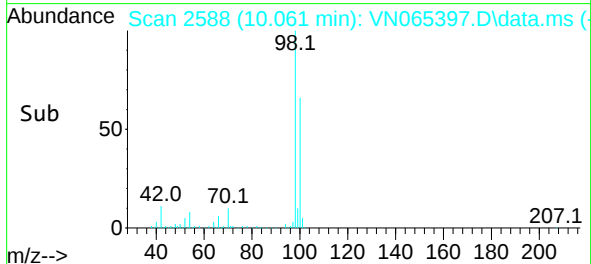
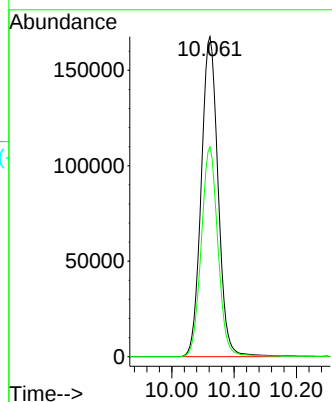
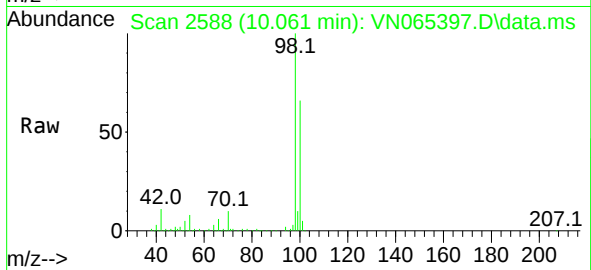




#63
Toluene-d8
Concen: 30.44 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

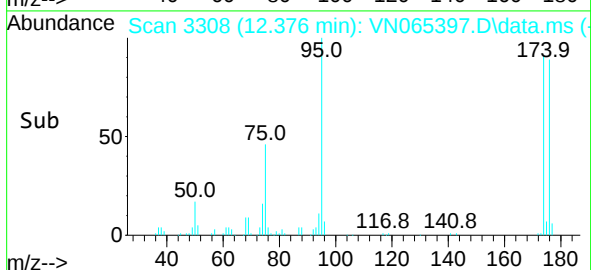
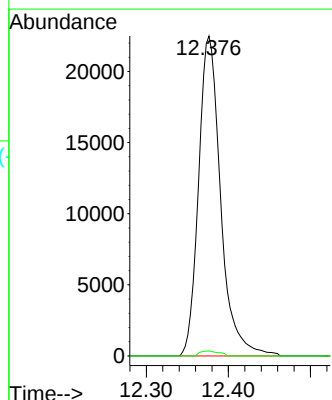
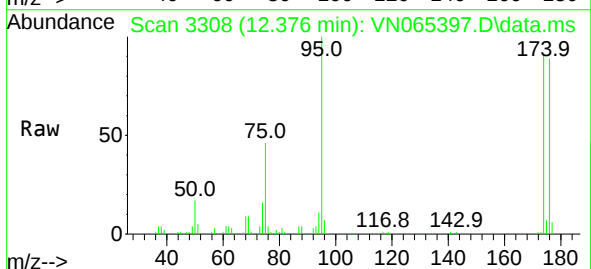
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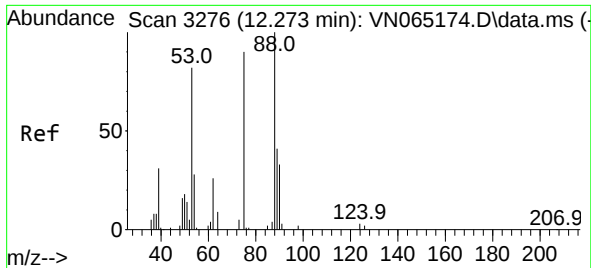
Tgt Ion: 98 Resp: 314956
Ion Ratio Lower Upper
98 100
100 64.9 49.4 74.2



#72
1,2,3-Trichloropropane
Concen: 11.34 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065397.D
Acq: 6 Jan 2021 13:48

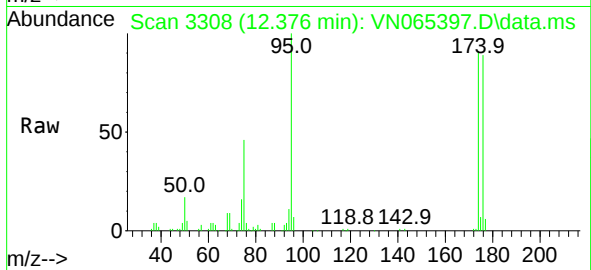
Tgt Ion: 75 Resp: 42108
Ion Ratio Lower Upper
75 100
77 1.4 0.0 379.4





#77
 t-1,4-Dichloro-2-butene
 Concen: 28.86 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.103 min
 Lab File: VN065397.D
 Acq: 6 Jan 2021 13:48

Instrument :
 MSVOA_N
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Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.3	150.9#
89	0.0	23.3	69.8#

