

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
 Data File : VN065507.D
 Acq On : 14 Jan 2021 14:18
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 15 04:14:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 2021
 Response via : Initial Calibration

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

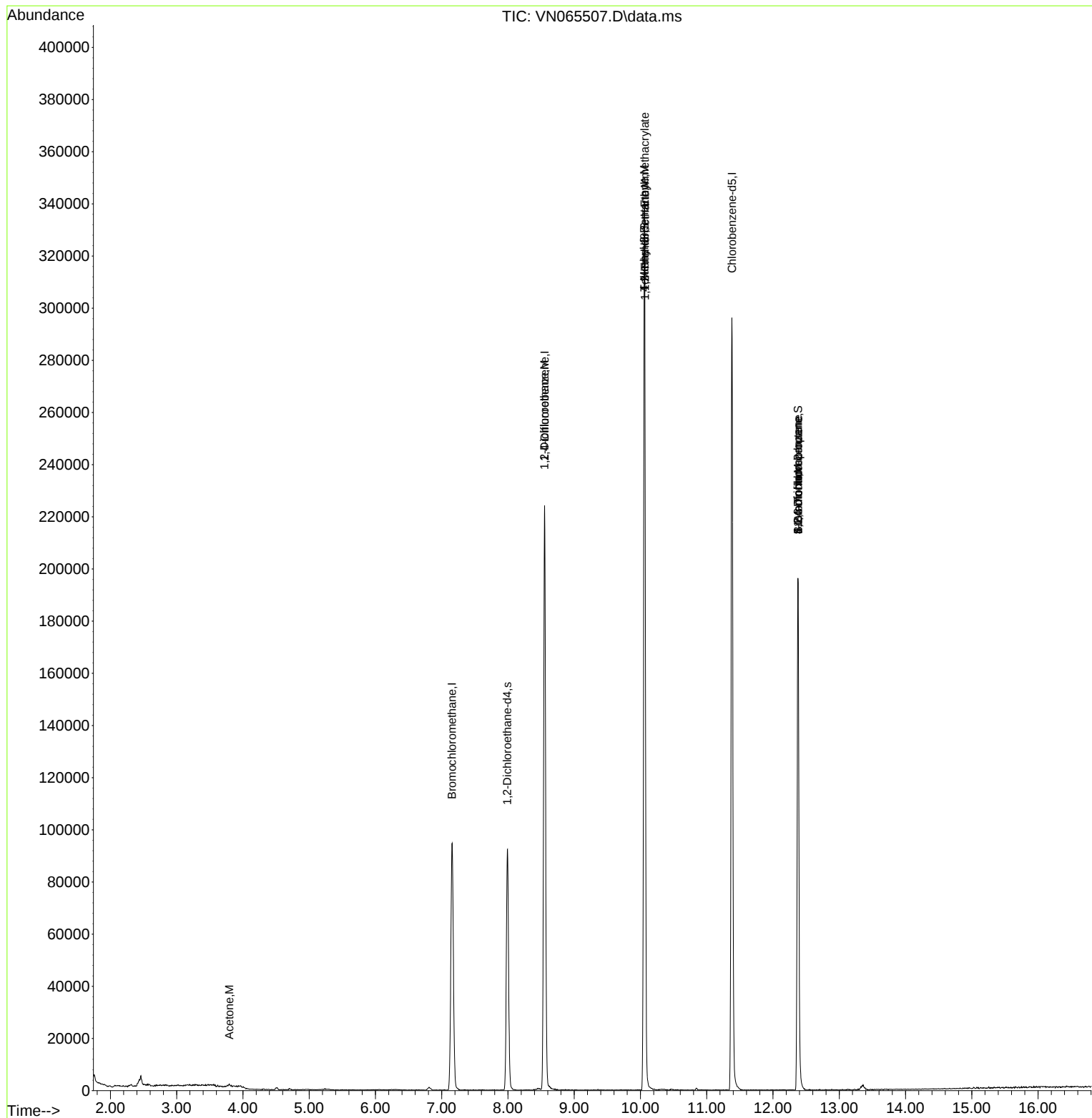
Internal Standards						
1) Bromochloromethane	7.155	128	41882	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.553	114	217893	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	191299	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.991	65	81245	31.05	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.50%			
60) 4-Bromofluorobenzene	12.376	95	71323	24.62	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 82.07%			
63) Toluene-d8	10.061	98	255511	30.51	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.70%			
Target Compounds						Qvalue
15) Acetone	3.795	58	189	0.60	ug/l #	1
36) 1,2-Dichloroethane	8.550	62	5937	1.89	ug/l #	74
50) 1,1,2-Trichloroethane	10.068	97	9004	3.71	ug/l #	1
51) Ethyl methacrylate	10.065	69	771	0.23	ug/l #	63
56) Bromoform	12.376	173	605	0.29	ug/l #	1
58) 4-Methyl-2-Pentanone	10.058	43	958	0.38	ug/l #	1
72) 1,2,3-Trichloropropane	12.376	75	33981	11.67	ug/l	1
77) t-1,4-Dichloro-2-butene	12.376	75	33981	33.19	ug/l #	14

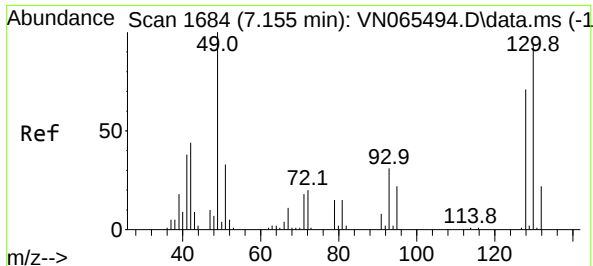
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 04:12:08 2021
Response via : Initial Calibration

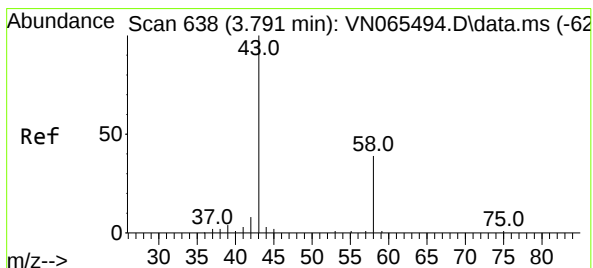
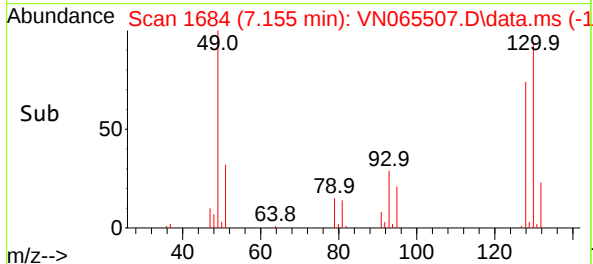
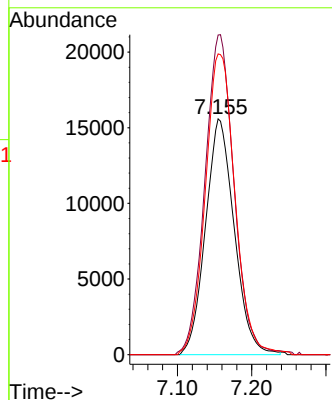
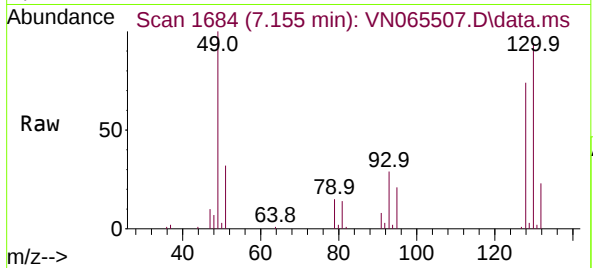




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

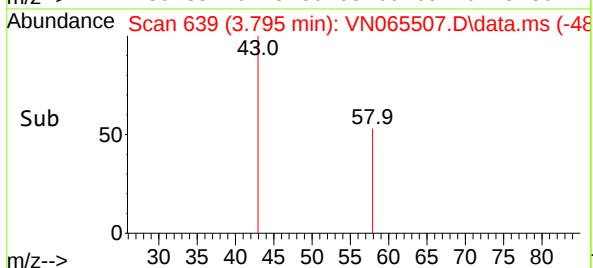
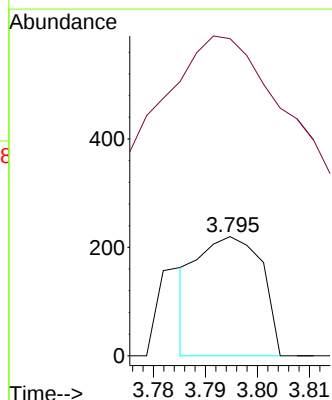
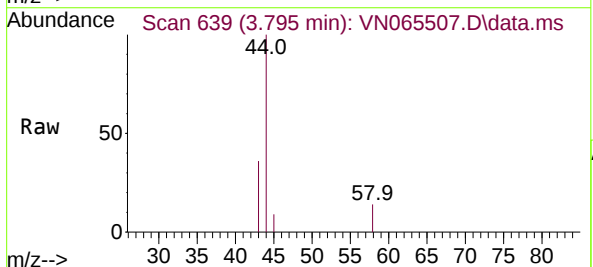
Instrument :
MSVOA_N
ClientSampleId :

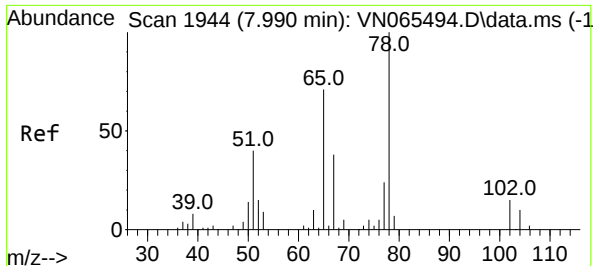
Tgt Ion:128 Resp: 41882
Ion Ratio Lower Upper
128 100
49 137.2 0.0 355.0
130 131.7 0.0 325.5



#15
Acetone
Concen: 0.60 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.003 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

Tgt Ion: 58 Resp: 189
Ion Ratio Lower Upper
58 100
43 58.2 203.4 305.0#





#27

1,2-Dichloroethane-d4

Concen: 31.05 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VN065507.D

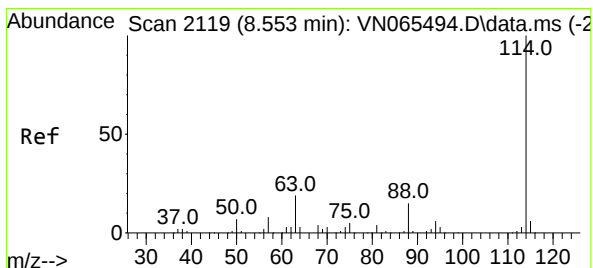
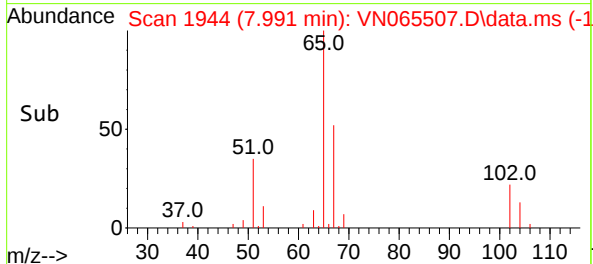
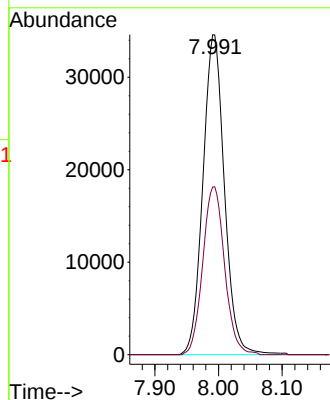
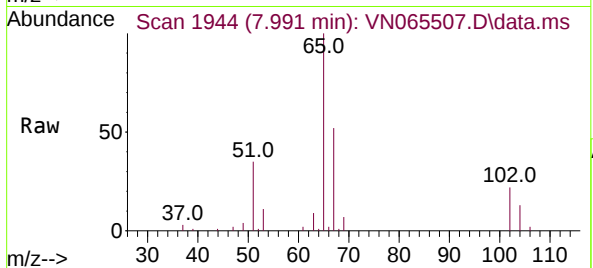
Acq: 14 Jan 2021 14:18

Tgt Ion: 65 Resp: 81245

Ion Ratio Lower Upper

65 100

67 53.3 42.8 64.2



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.553 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VN065507.D

Acq: 14 Jan 2021 14:18

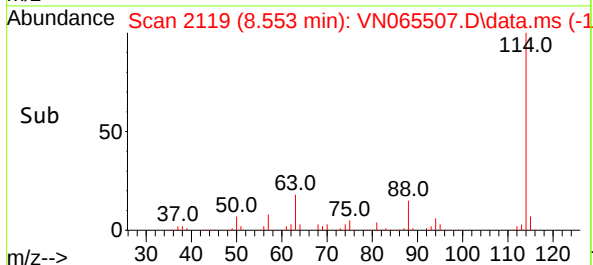
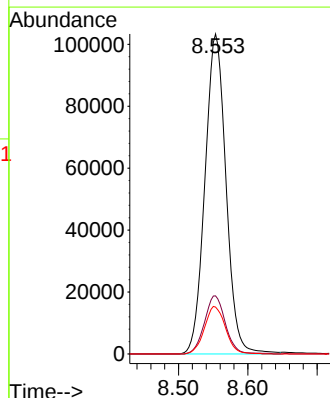
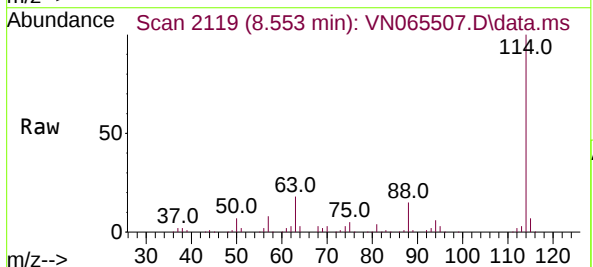
Tgt Ion: 114 Resp: 217893

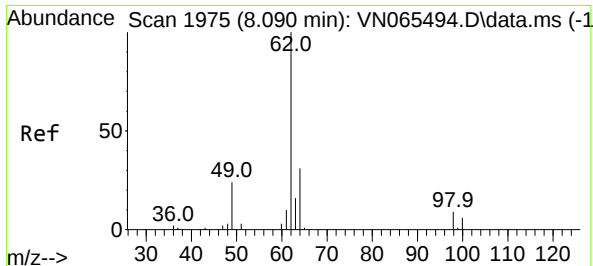
Ion Ratio Lower Upper

114 100

63 18.1 14.7 22.1

88 14.8 11.7 17.5

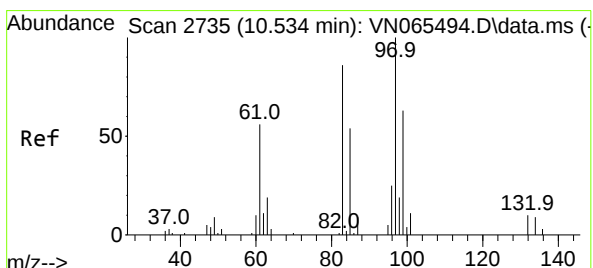
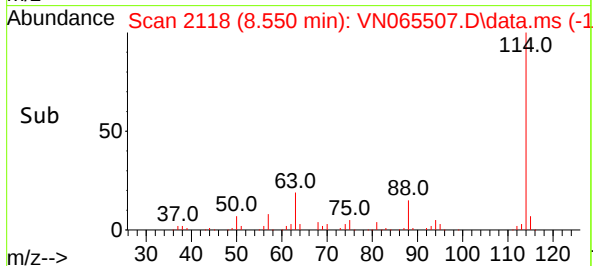
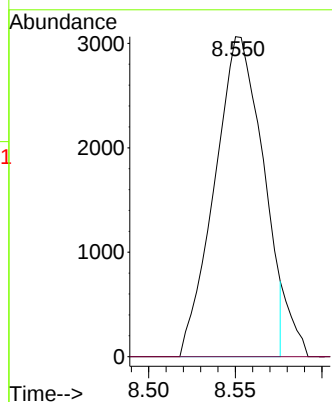
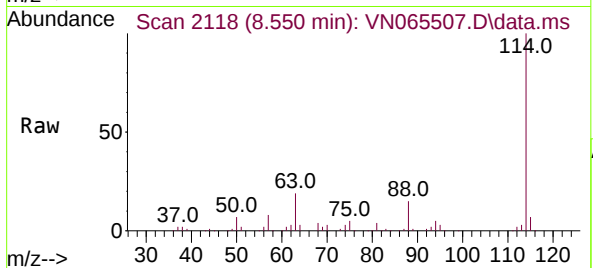




#36
1,2-Dichloroethane
Concen: 1.89 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.460 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

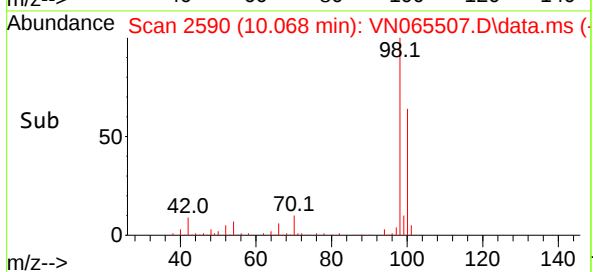
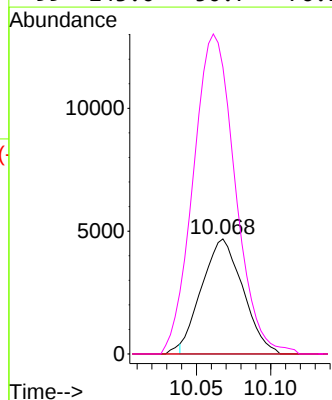
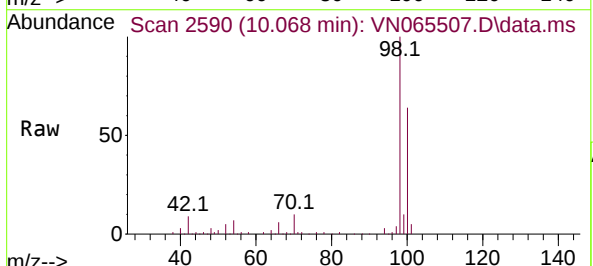
Instrument :
MSVOA_N
ClientSampled :

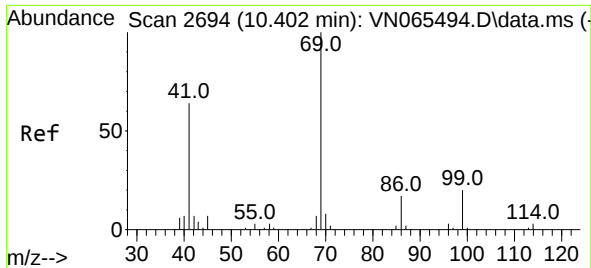
Tgt Ion: 62 Resp: 5937
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#



#50
1,1,2-Trichloroethane
Concen: 3.71 ug/l
RT: 10.068 min Scan# 2590
Delta R.T. -0.466 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

Tgt Ion: 97 Resp: 9004
Ion Ratio Lower Upper
97 100
83 0.0 68.4 102.6#
85 0.0 42.8 64.2#
99 243.0 50.7 76.1#

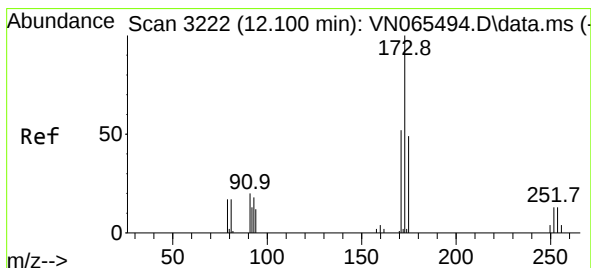
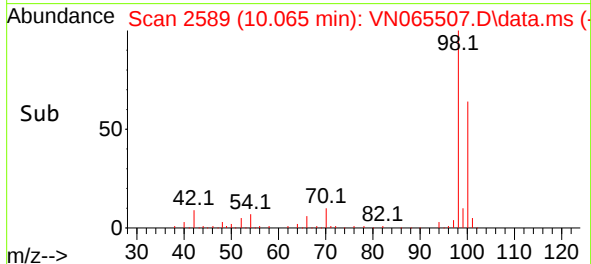
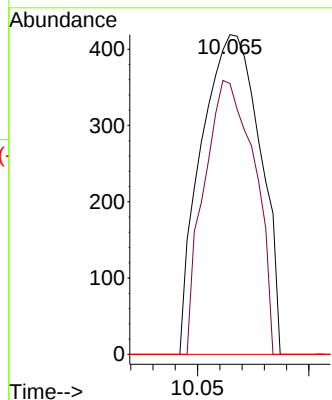
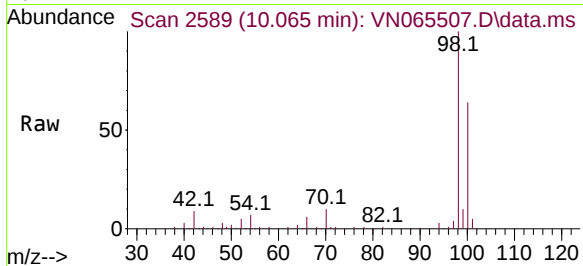




#51
Ethyl methacrylate
Concen: 0.23 ug/l
RT: 10.065 min Scan# 2589
Delta R.T. -0.337 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

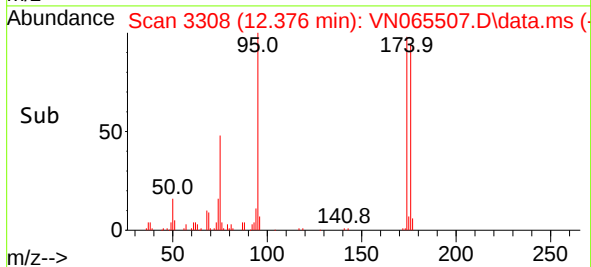
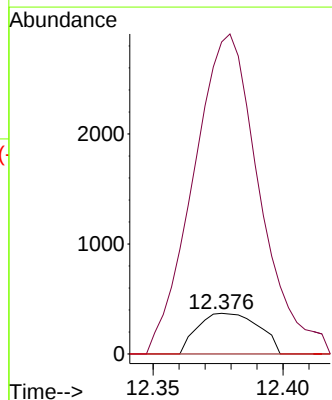
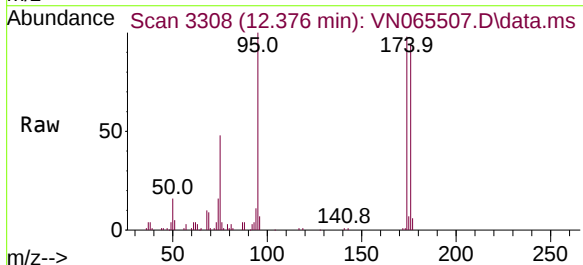
Instrument :
MSVOA_N
ClientSampled :

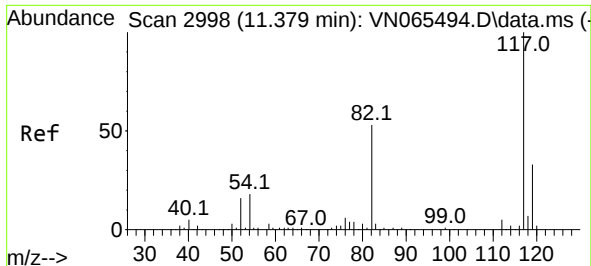
Tgt Ion: 69 Resp: 771
Ion Ratio Lower Upper
69 100
41 84.7 31.9 95.7
39 0.0 15.6 46.7#



#56
Bromoform
Concen: 0.29 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.277 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

Tgt Ion:173 Resp: 605
Ion Ratio Lower Upper
173 100
175 849.3 38.2 57.4#
254 0.0 9.8 14.8#

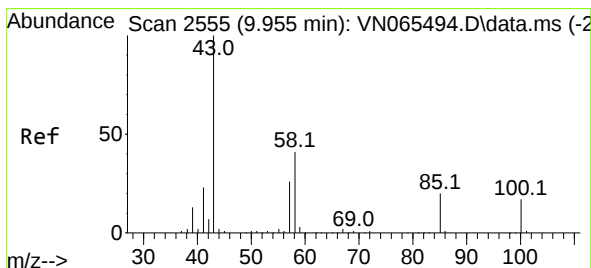
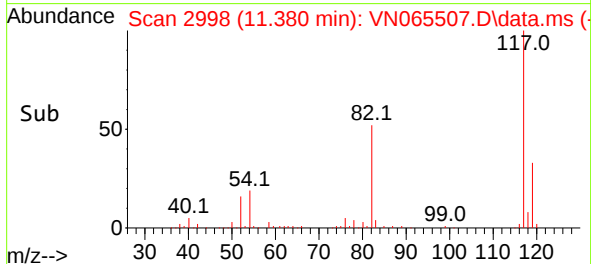
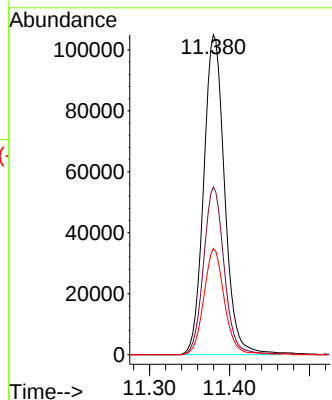
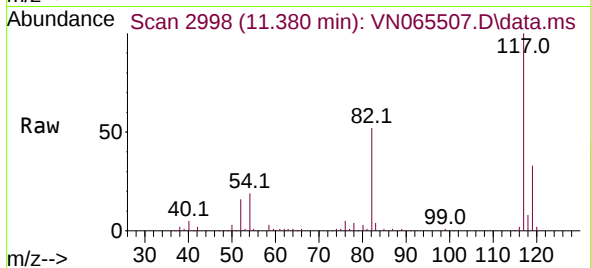




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

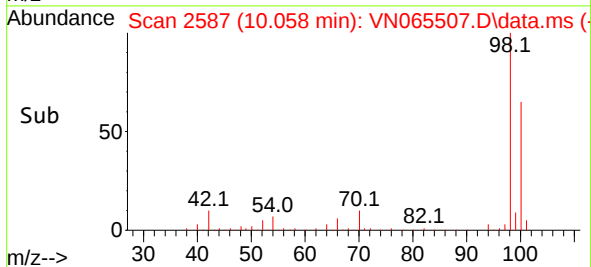
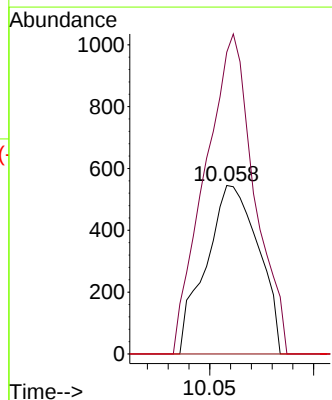
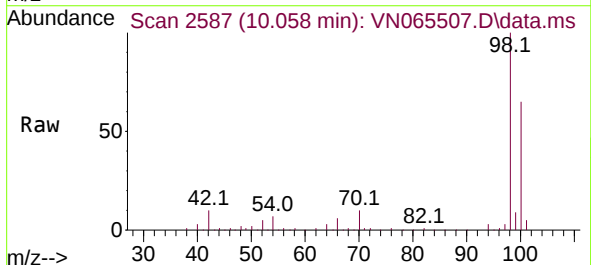
Instrument :
MSVOA_N
ClientSampled :

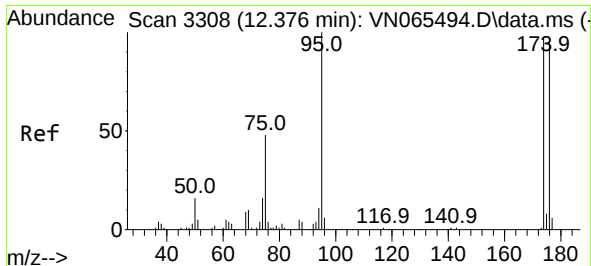
Tgt Ion:117 Resp: 191299
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 32.5 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 0.38 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.103 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
58 178.6 32.7 49.1#
85 0.0 16.0 24.0#

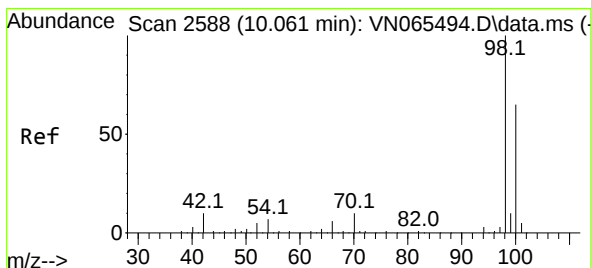
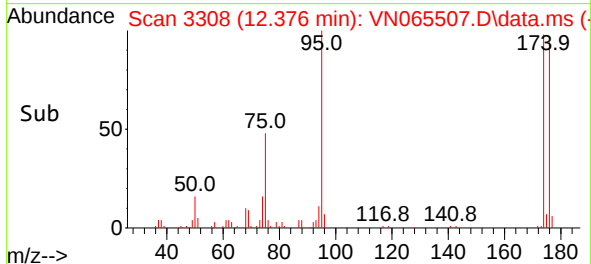
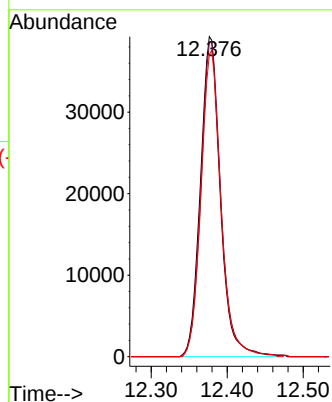
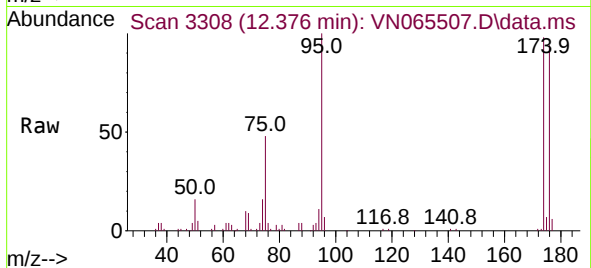




#60
4-Bromofluorobenzene
Concen: 24.62 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

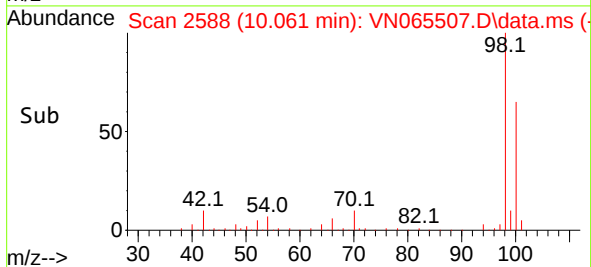
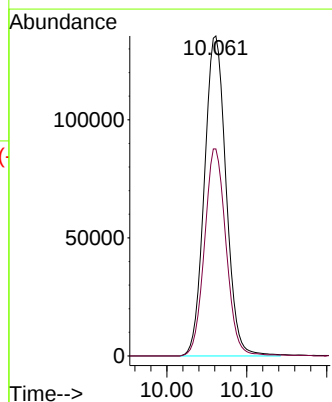
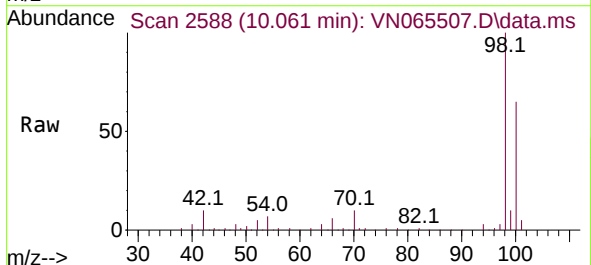
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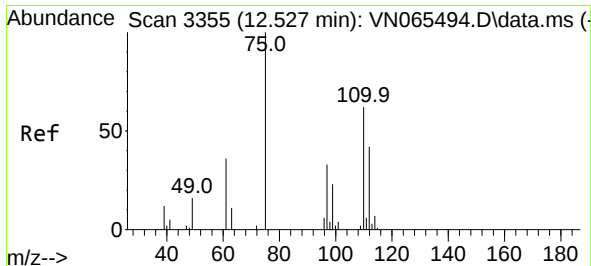
Tgt Ion: 95 Resp: 71323
Ion Ratio Lower Upper
95 100
174 99.5 77.0 115.6
176 95.7 75.8 113.6



#63
Toluene-d8
Concen: 30.51 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

Tgt Ion: 98 Resp: 255511
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

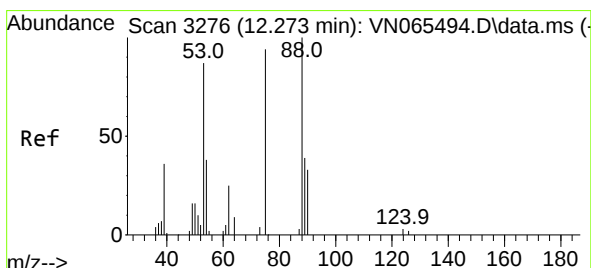
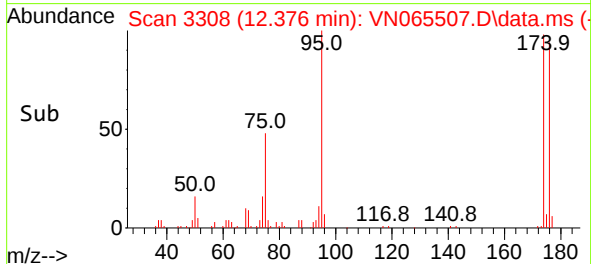
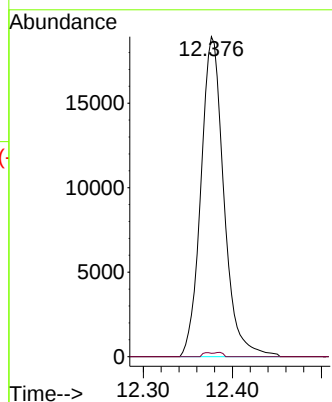
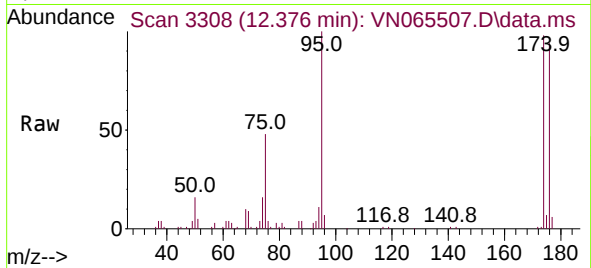




#72
1,2,3-Trichloropropane
Concen: 11.67 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 33981
Ion Ratio Lower Upper
75 100
77 0.5 0.0 366.4



#77
t-1,4-Dichloro-2-butene
Concen: 33.19 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065507.D
Acq: 14 Jan 2021 14:18

Tgt Ion: 75 Resp: 33981
Ion Ratio Lower Upper
75 100
53 0.0 44.9 134.5#
89 0.0 21.3 64.0#

