

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
 Data File : VN065509.D
 Acq On : 14 Jan 2021 15:07
 Operator : JC/MD
 Sample : M1102-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 15 04:14:25 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)

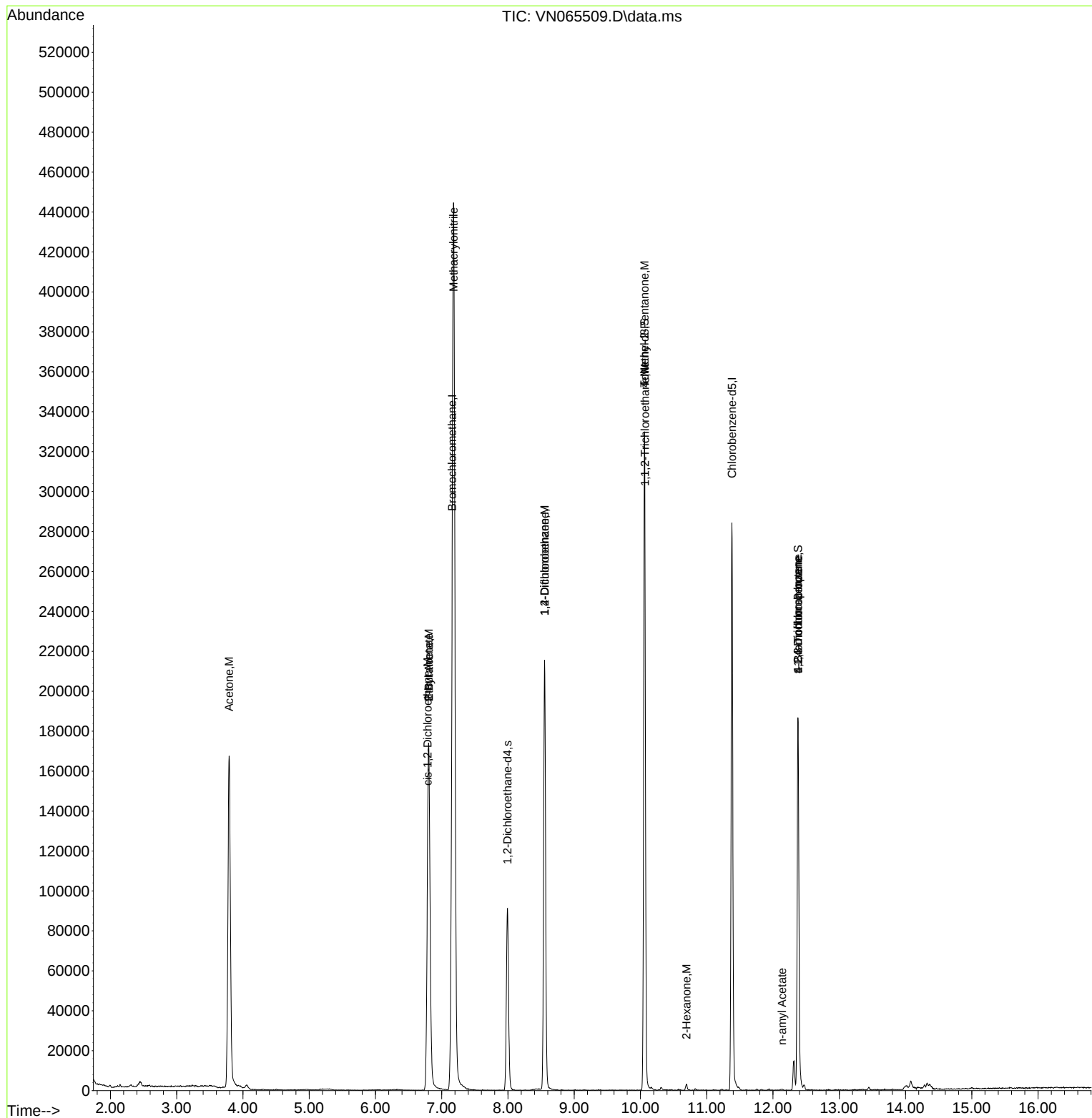
Internal Standards						
1) Bromochloromethane	7.158	128	40583	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.553	114	210653	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	184572	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.994	65	78191	30.84	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	102.80%		
60) 4-Bromofluorobenzene	12.376	95	68695	24.57	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	81.90%		
63) Toluene-d8	10.061	98	246774	30.54	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.80%		
Target Compounds						Qvalue
15) Acetone	3.792	58	99564	327.87	ug/l	91
22) cis-1,2-Dichloroethene	6.788	96	17236	6.63	ug/l	88
30) 2-Butanone	6.804	43	282952	234.37	ug/l	98
35) Methacrylonitrile	7.180	41	192353	153.44	ug/l #	42
36) 1,2-Dichloroethane	8.553	62	5806	1.91	ug/l #	74
43) Ethyl Acetate	6.804	43	282952	109.67	ug/l #	64
47) n-amyl Acetate	12.138	43	839	0.23	ug/l #	48
50) 1,1,2-Trichloroethane	10.068	97	8535	3.64	ug/l #	1
58) 4-Methyl-2-Pentanone	10.061	43	986	0.40	ug/l #	1
59) 2-Hexanone	10.695	43	2974	1.68	ug/l #	32
72) 1,2,3-Trichloropropane	12.376	75	32603	11.60	ug/l	1
77) t-1,4-Dichloro-2-butene	12.376	75	32603	33.00	ug/l #	14

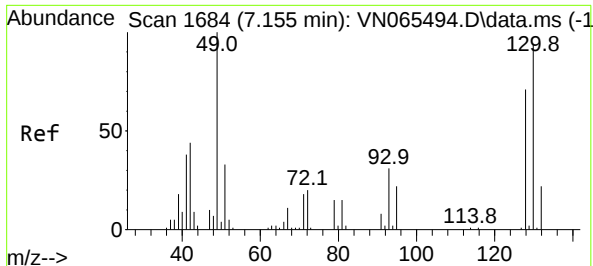
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
Data File : VN065509.D
Acq On : 14 Jan 2021 15:07
Operator : JC/MD
Sample : M1102-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 15 04:14:25 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

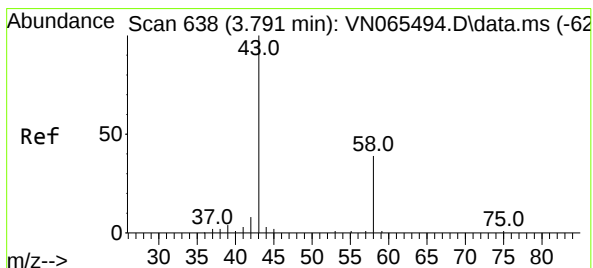
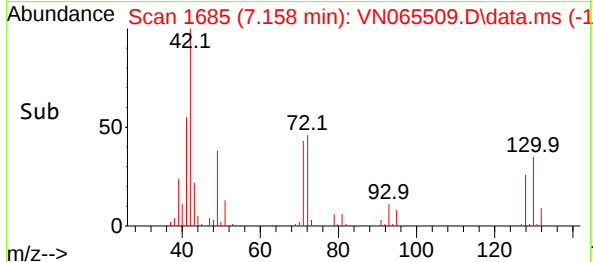
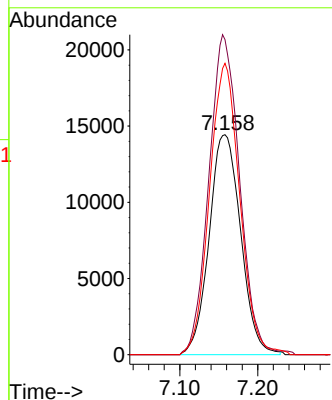
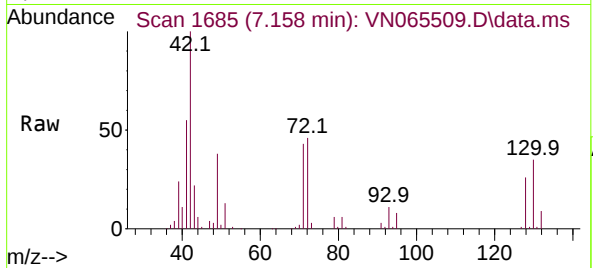




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.158 min Scan# 1685
Delta R.T. 0.003 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

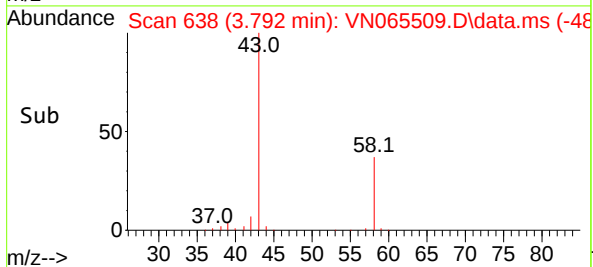
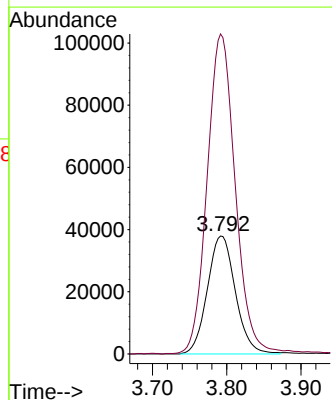
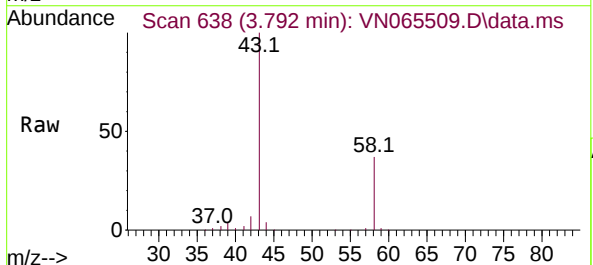
Instrument :
MSVOA_N
ClientSampled :

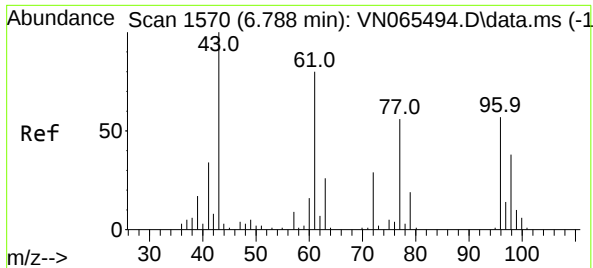
Tgt Ion:128 Resp: 40583
Ion Ratio Lower Upper
128 100
49 141.6 0.0 355.0
130 127.4 0.0 325.5



#15
Acetone
Concen: 327.87 ug/l
RT: 3.792 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

Tgt Ion: 58 Resp: 99564
Ion Ratio Lower Upper
58 100
43 270.1 203.4 305.0

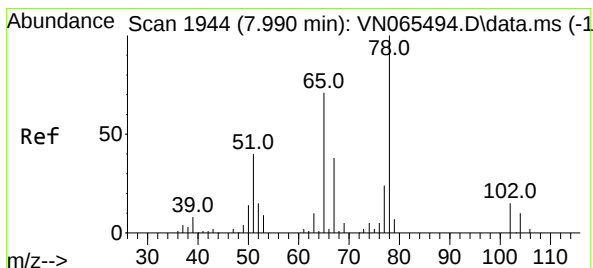
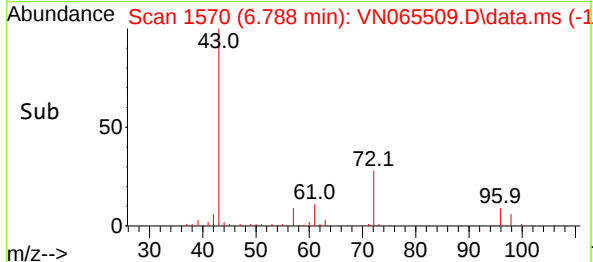
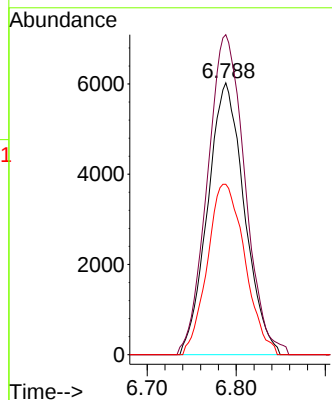
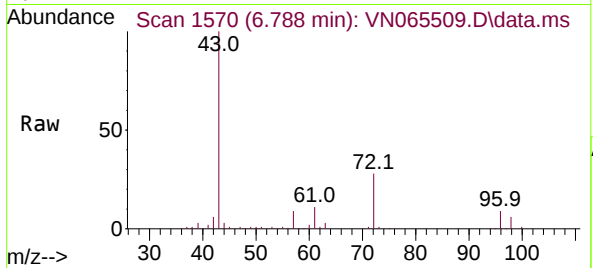




#22
 cis-1,2-Dichloroethene
 Concen: 6.63 ug/l
 RT: 6.788 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: VN065509.D
 Acq: 14 Jan 2021 15:07

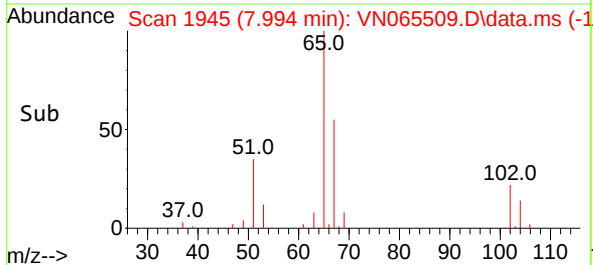
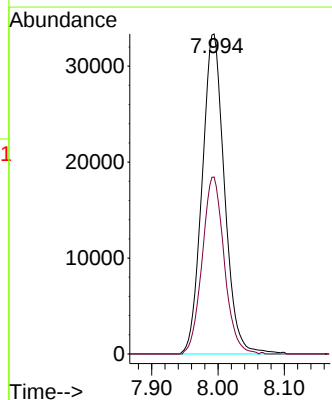
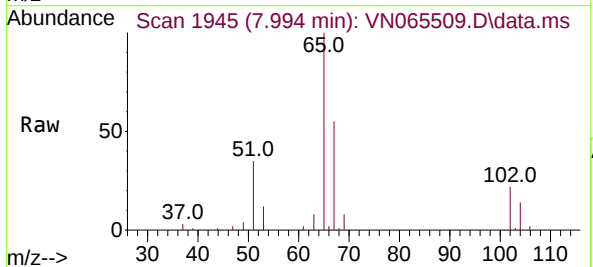
Instrument :
 MSVOA_N
 ClientSampled :

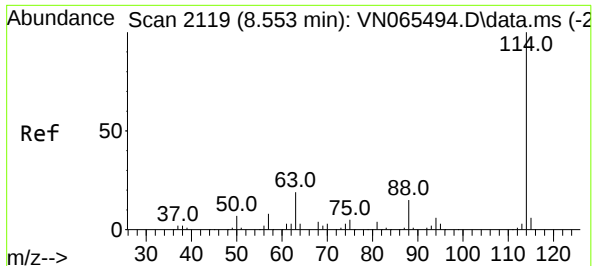
Tgt Ion:	96	Resp:	17236
Ion	Ratio	Lower	Upper
96	100		
61	120.5	112.5	168.7
98	64.1	52.2	78.2



#27
 1,2-Dichloroethane-d4
 Concen: 30.84 ug/l
 RT: 7.994 min Scan# 1945
 Delta R.T. 0.003 min
 Lab File: VN065509.D
 Acq: 14 Jan 2021 15:07

Tgt Ion:	65	Resp:	78191
Ion	Ratio	Lower	Upper
65	100		
67	54.4	42.8	64.2

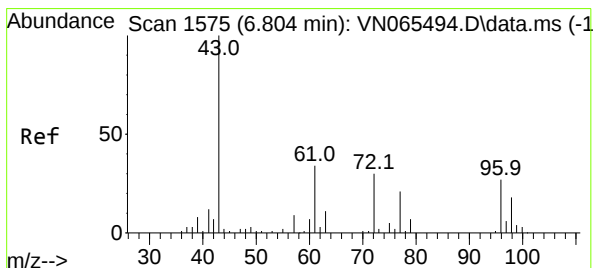
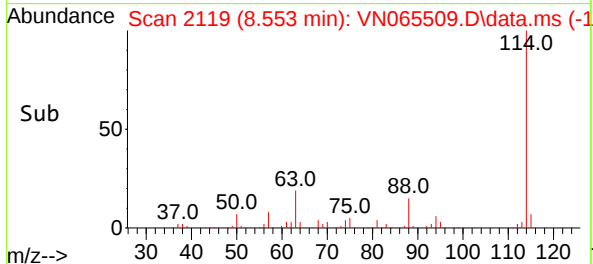
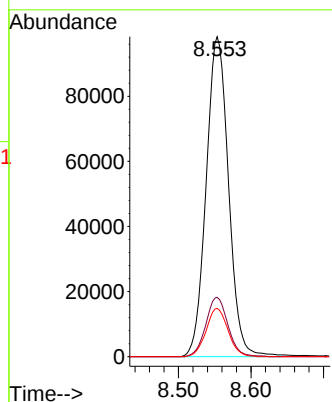
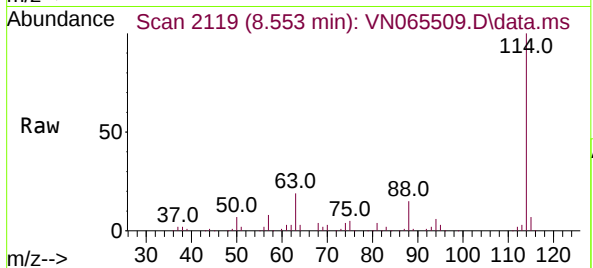




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

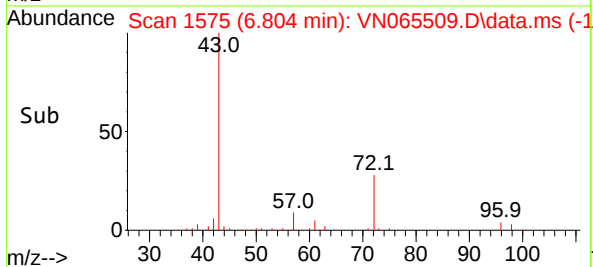
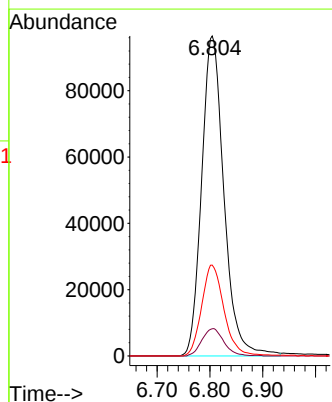
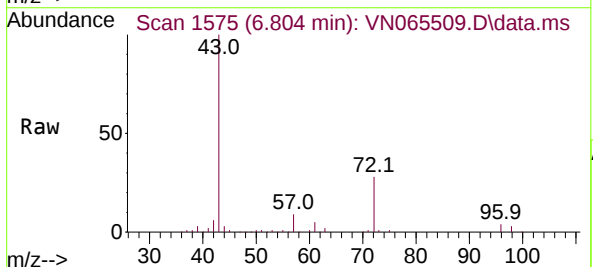
Instrument :
MSVOA_N
ClientSampled :

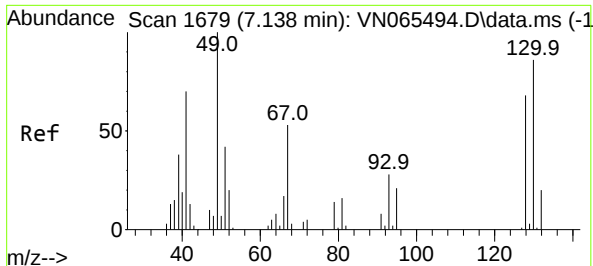
Tgt Ion:114 Resp: 210653
Ion Ratio Lower Upper
114 100
63 18.4 14.7 22.1
88 14.8 11.7 17.5



#30
2-Butanone
Concen: 234.37 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.000 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

Tgt Ion: 43 Resp: 282952
Ion Ratio Lower Upper
43 100
57 8.4 7.0 10.4
72 28.4 23.6 35.4

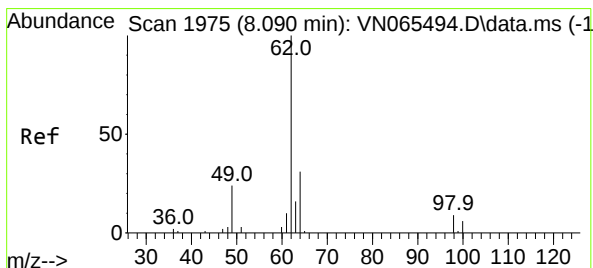
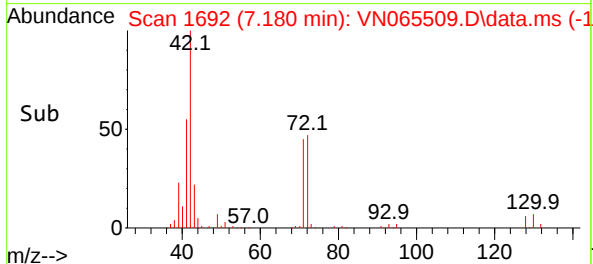
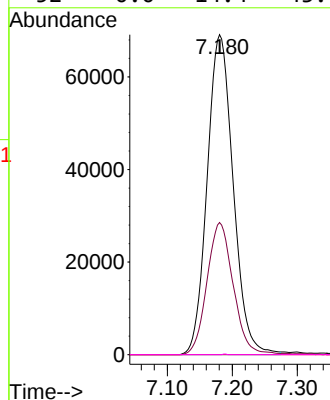
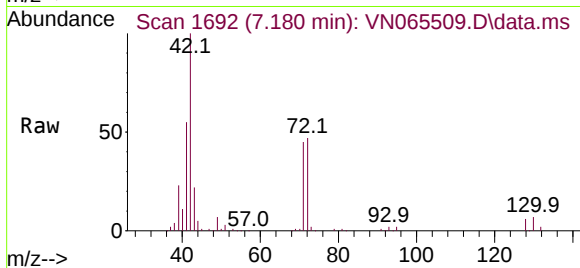




#35
Methacrylonitrile
Concen: 153.44 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.042 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

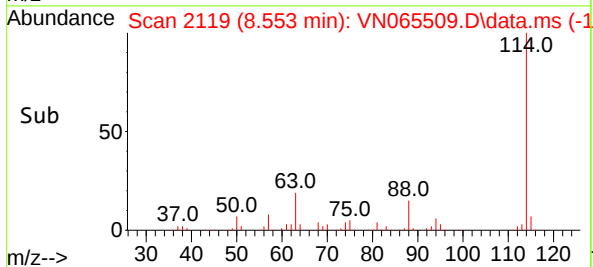
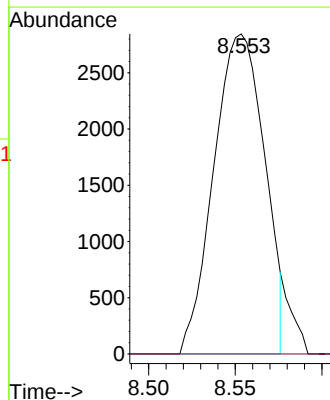
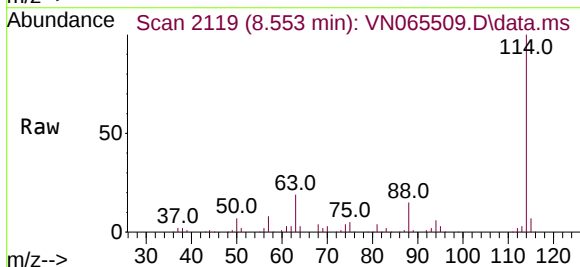
Instrument :
MSVOA_N
ClientSampled :

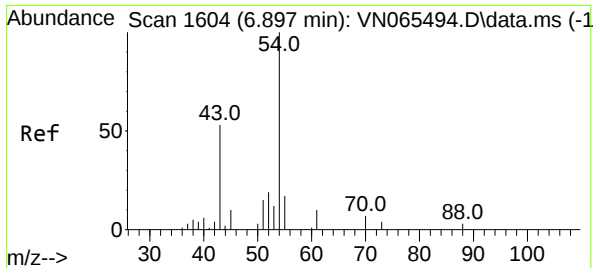
Tgt Ion:	41	Resp:	192353
Ion	Ratio	Lower	Upper
41	100		
39	41.3	26.8	80.3
67	0.0	38.0	113.9#
52	0.0	14.4	43.4#



#36
1,2-Dichloroethane
Concen: 1.91 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.463 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

Tgt Ion:	62	Resp:	5806
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.2#

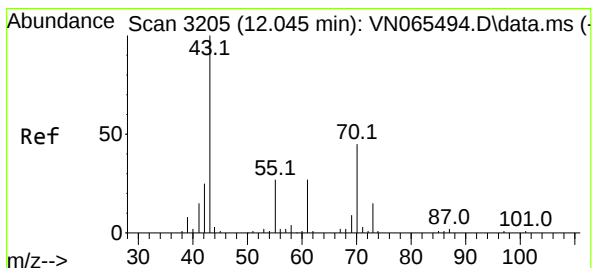
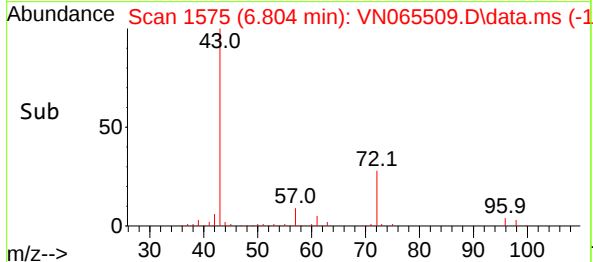
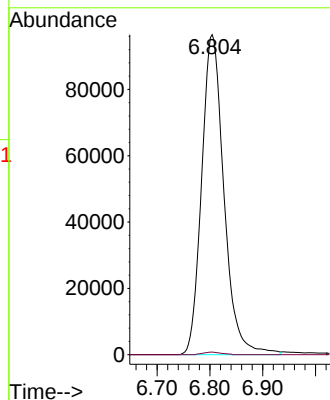
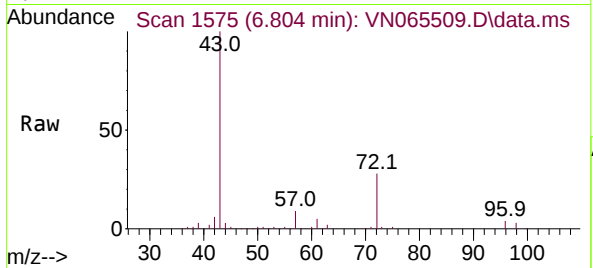




#43
Ethyl Acetate
Concen: 109.67 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. -0.093 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

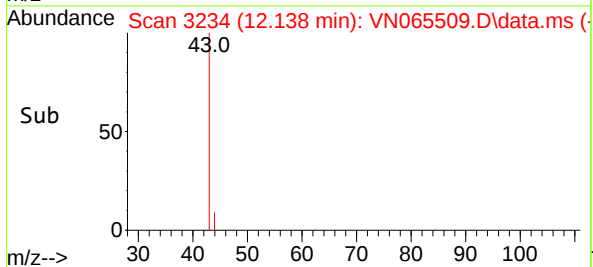
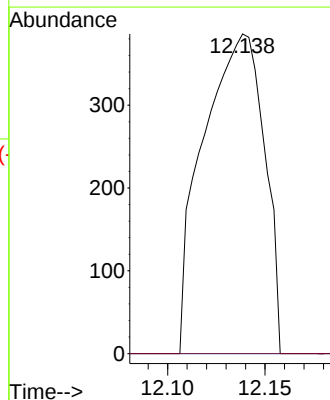
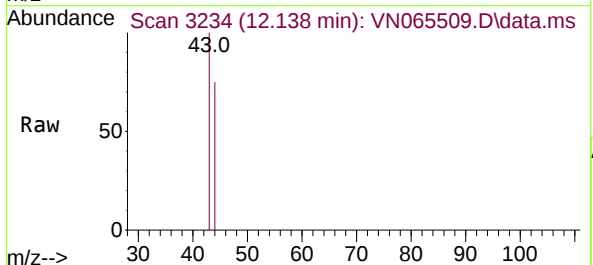
Instrument :
MSVOA_N
ClientSampled :

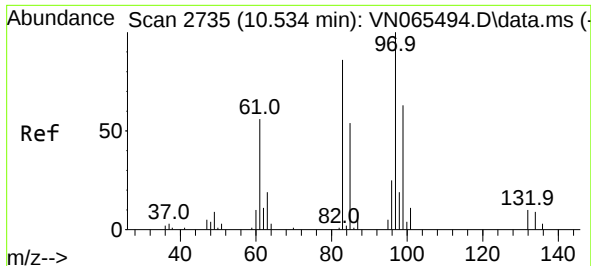
Tgt Ion: 43 Resp: 282952
Ion Ratio Lower Upper
43 100
45 0.7 12.9 19.3#



#47
n-amyl Acetate
Concen: 0.23 ug/l
RT: 12.138 min Scan# 3234
Delta R.T. 0.093 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
55 0.0 21.3 31.9#

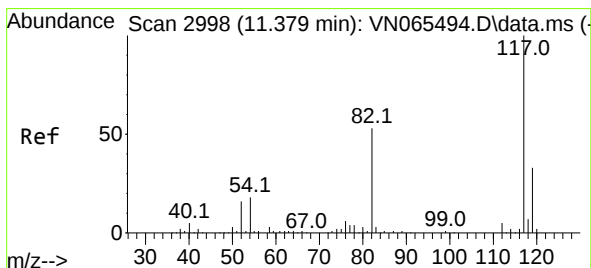
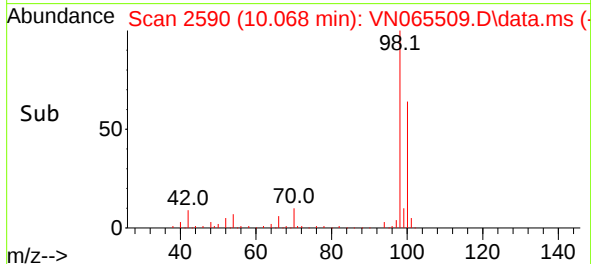
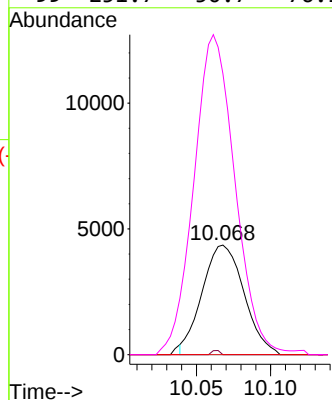
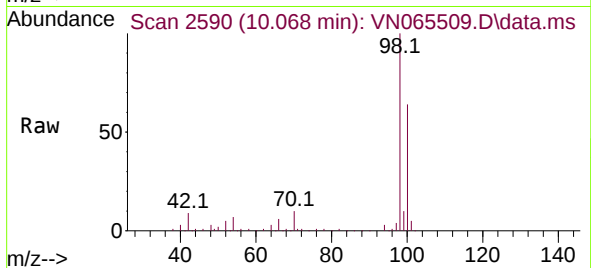




#50
1,1,2-Trichloroethane
Concen: 3.64 ug/l
RT: 10.068 min Scan# 2590
Delta R.T. -0.466 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

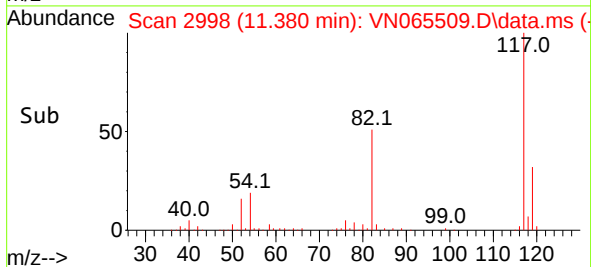
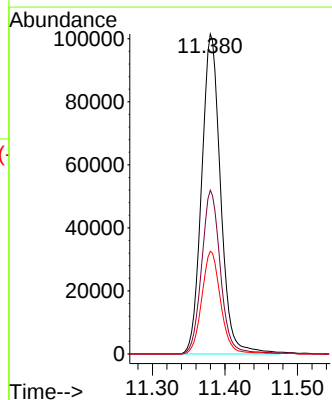
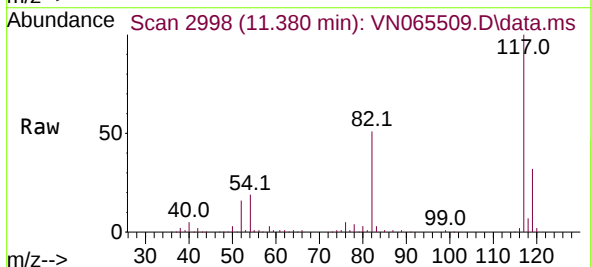
Instrument :
MSVOA_N
ClientSampled :

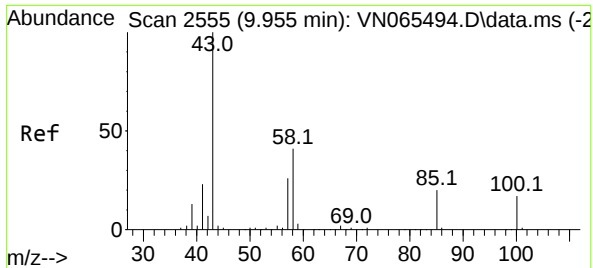
Tgt Ion: 97	Resp: 8535
Ion Ratio	Lower Upper
97 100	
83 0.0	68.4 102.6#
85 0.0	42.8 64.2#
99 251.7	50.7 76.1#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

Tgt Ion: 117	Resp: 184572
Ion Ratio	Lower Upper
117 100	
82 50.7	41.3 61.9
119 31.6	25.7 38.5

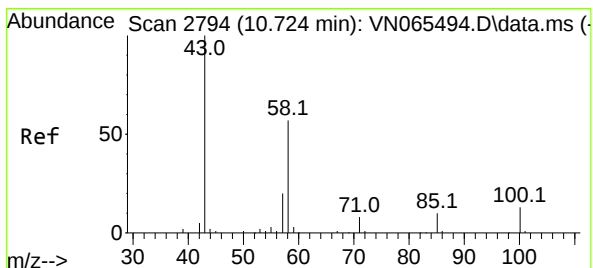
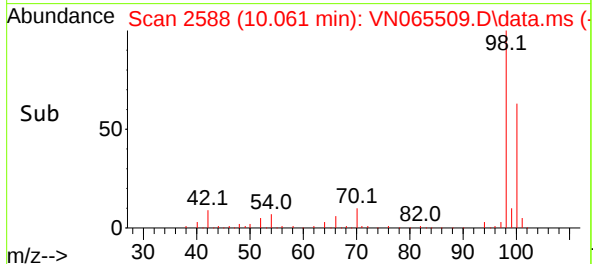
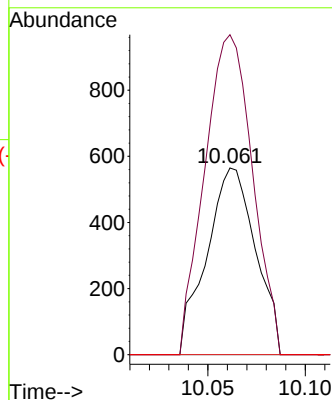
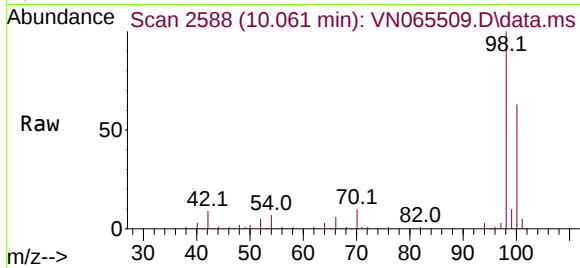




#58
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.106 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

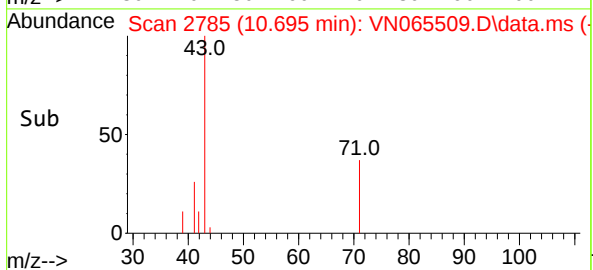
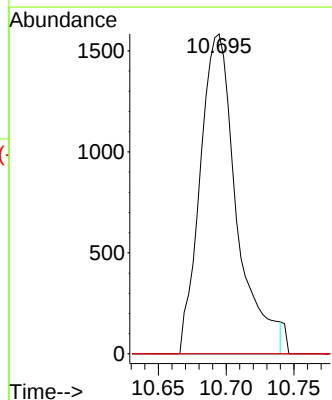
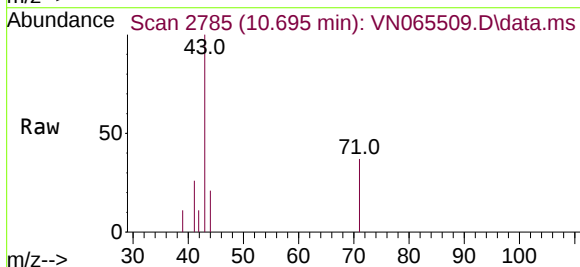
Instrument :
MSVOA_N
ClientSampled :

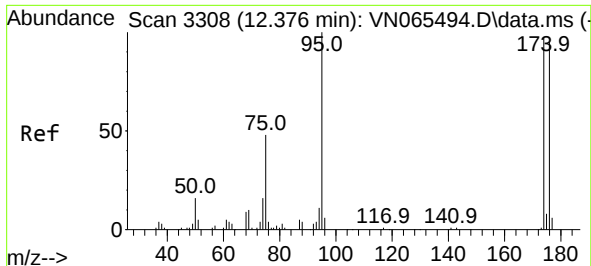
Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
58 167.7 32.7 49.1#
85 0.0 16.0 24.0#



#59
2-Hexanone
Concen: 1.68 ug/l
RT: 10.695 min Scan# 2785
Delta R.T. -0.029 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

Tgt Ion: 43 Resp: 2974
Ion Ratio Lower Upper
43 100
58 0.0 45.4 68.0#
57 0.0 15.8 23.8#

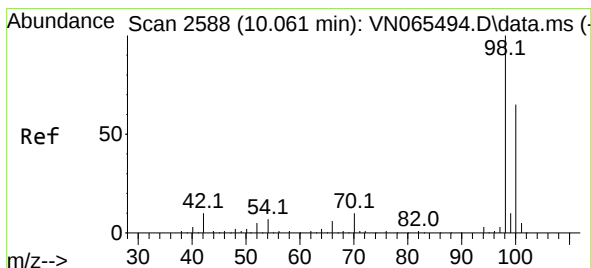
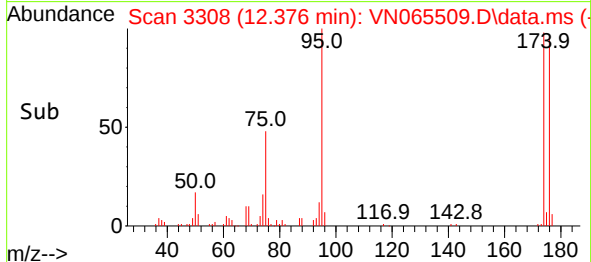
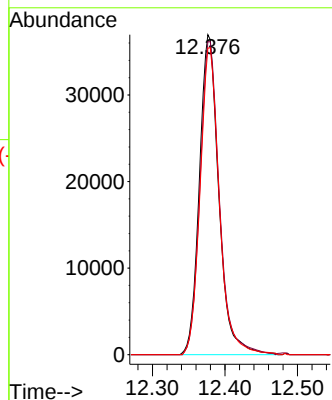
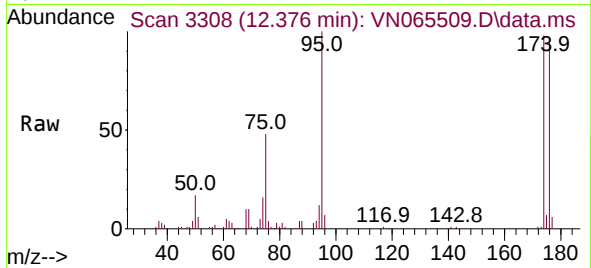




#60
4-Bromofluorobenzene
Concen: 24.57 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

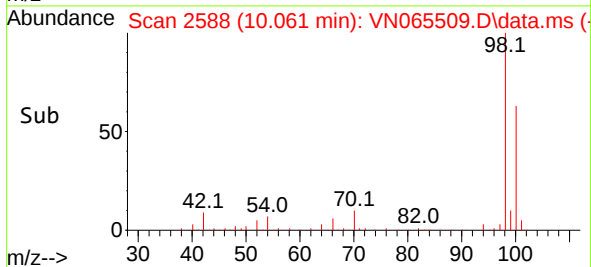
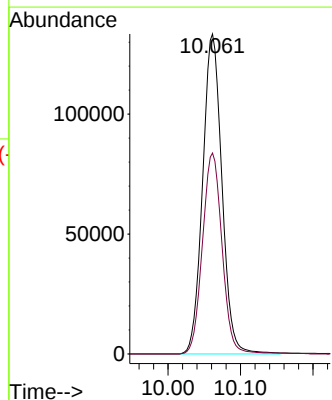
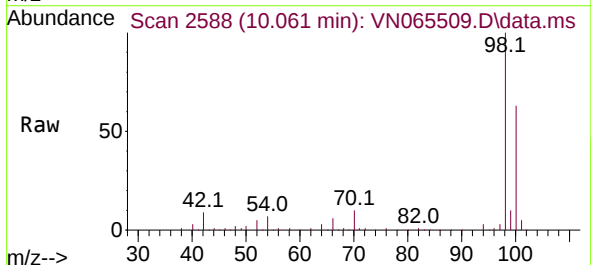
Instrument :
MSVOA_N
ClientSampleId :

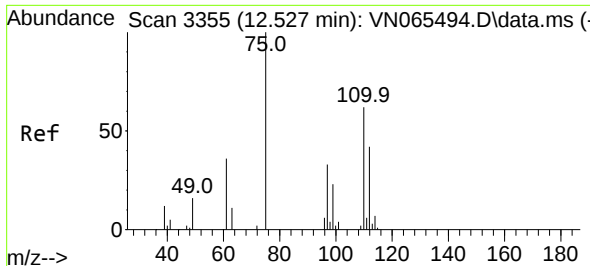
Tgt Ion: 95 Resp: 68695
Ion Ratio Lower Upper
95 100
174 98.1 77.0 115.6
176 95.2 75.8 113.6



#63
Toluene-d8
Concen: 30.54 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

Tgt Ion: 98 Resp: 246774
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

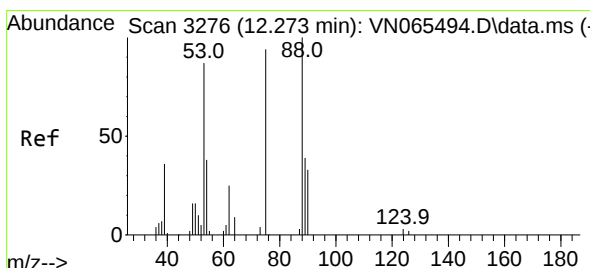
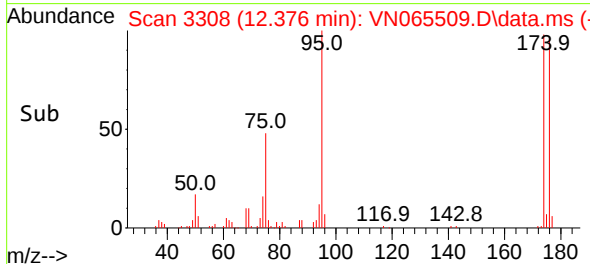
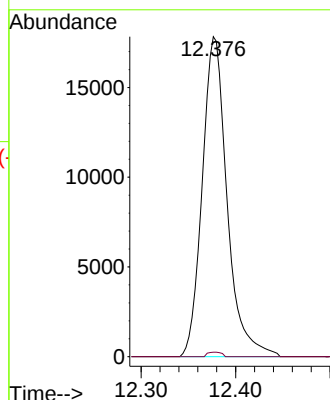
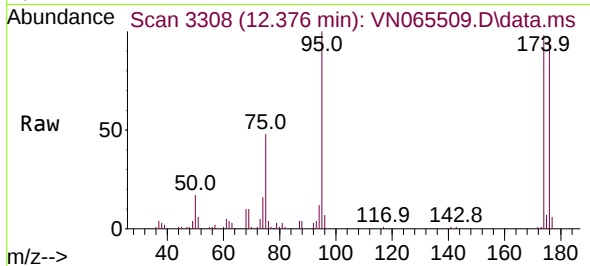




#72
1,2,3-Trichloropropane
Concen: 11.60 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 32603
Ion Ratio Lower Upper
75 100
77 0.8 0.0 366.4



#77
t-1,4-Dichloro-2-butene
Concen: 33.00 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

Tgt Ion: 75 Resp: 32603
Ion Ratio Lower Upper
75 100
53 0.0 44.9 134.5#
89 0.0 21.3 64.0#

