

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 :
 55-ST-30

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)

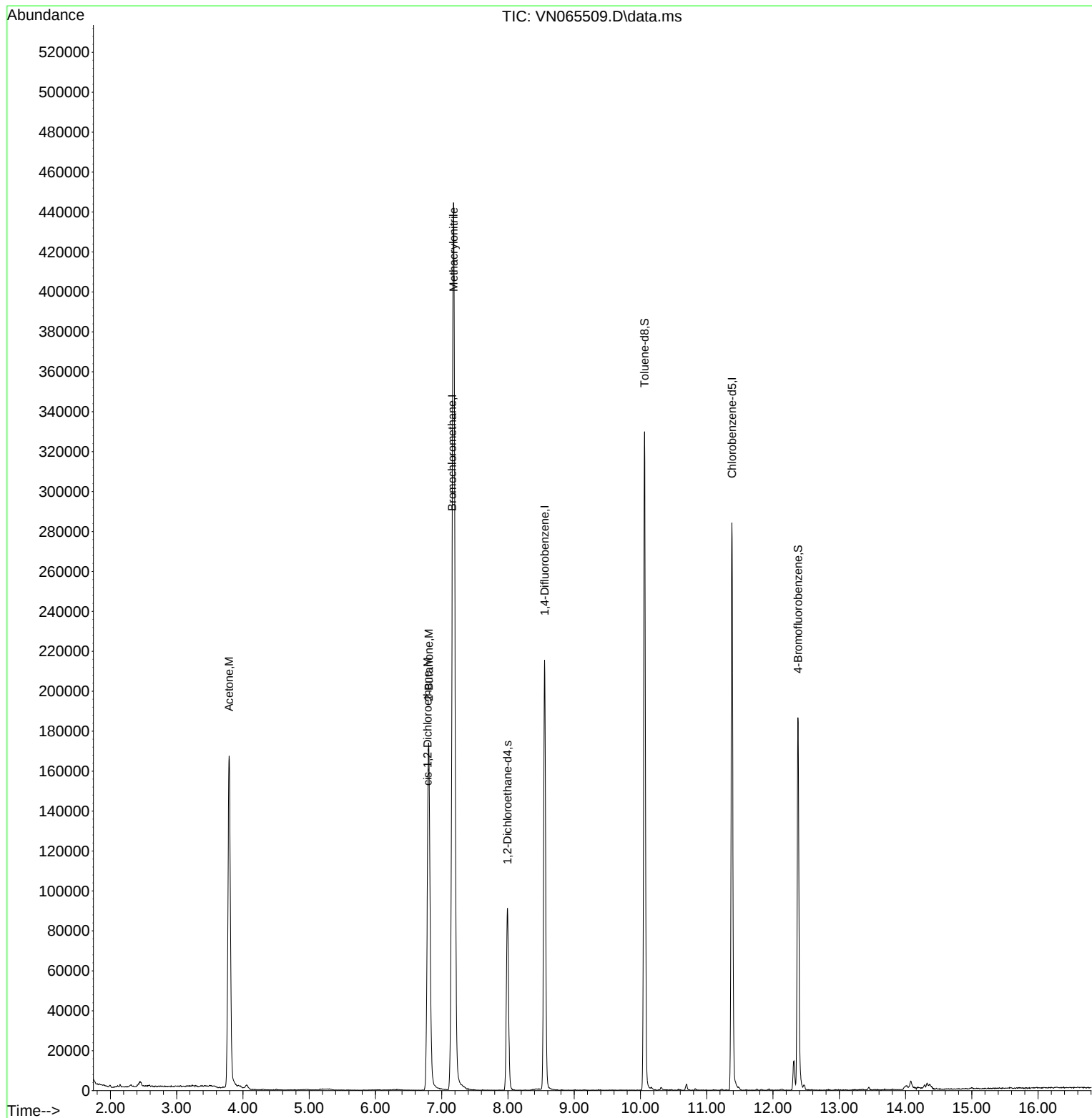
Internal Standards						
1) Bromochloromethane	7.158	128	40583	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.553	114	210653	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	184572	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.994	65	78191	30.84	ug/l	0.00
Spiked Amount	30.000	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						
15) Acetone	3.792	58	99564	327.87	ug/l	Qvalue 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

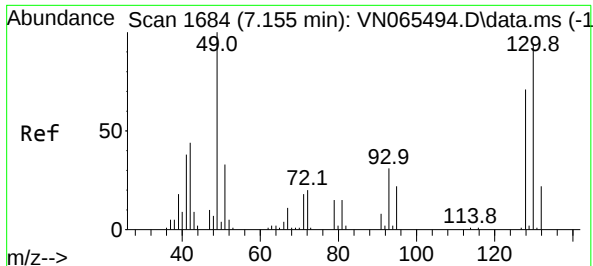
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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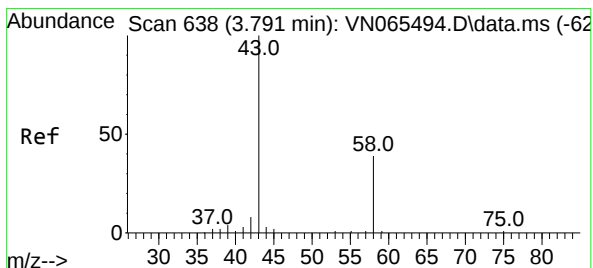
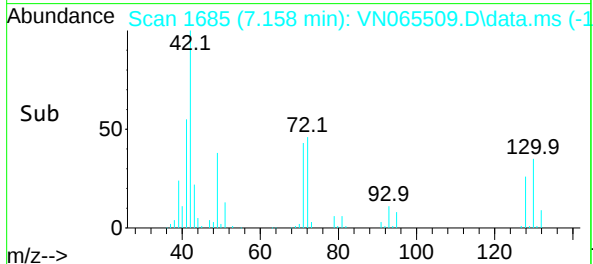
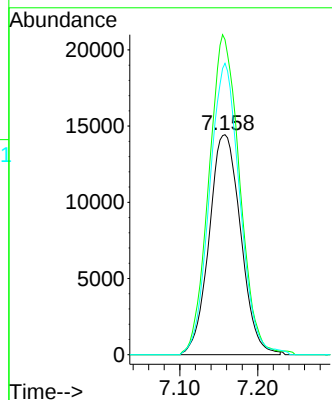
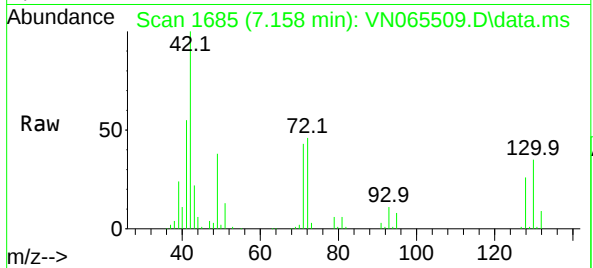




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.158 min Scan# 1685
Delta R.T. 0.003 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

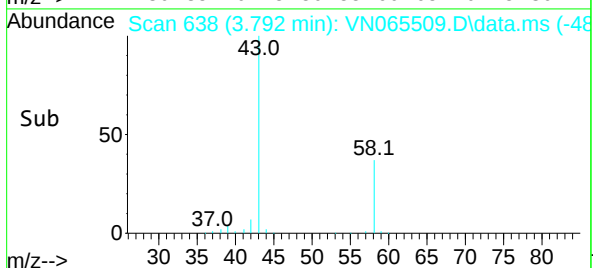
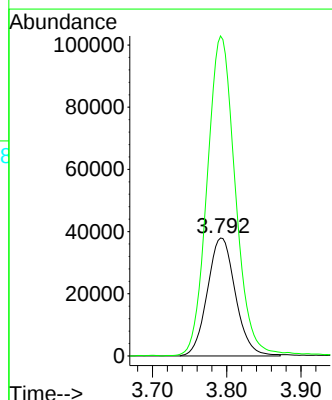
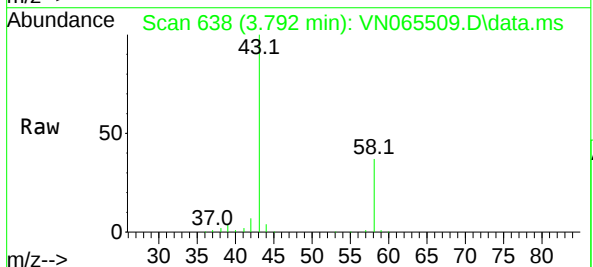
Instrument :
MSVOA_N
ClientSampleId :
55-ST-30

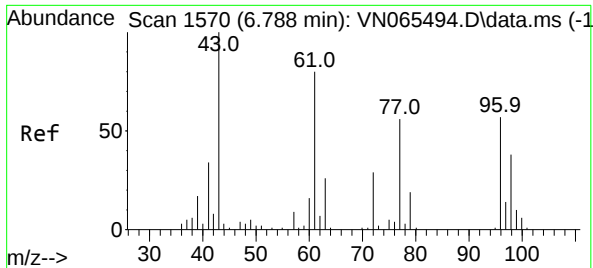
Tgt Ion:128 Resp: 40583
Ion Ratio Lower Upper
128 100
49 141.6 0.0 355.0
130 127.4 0.0 325.5



#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

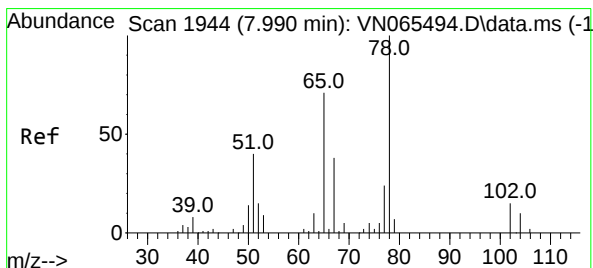
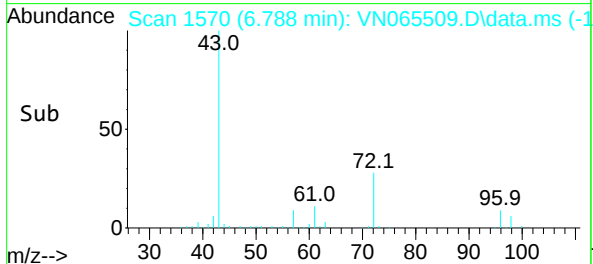
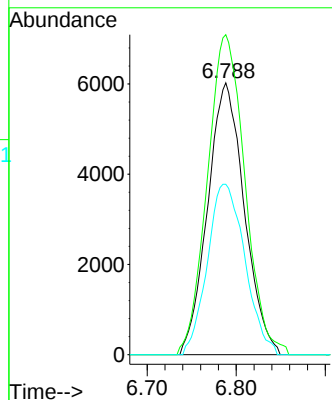
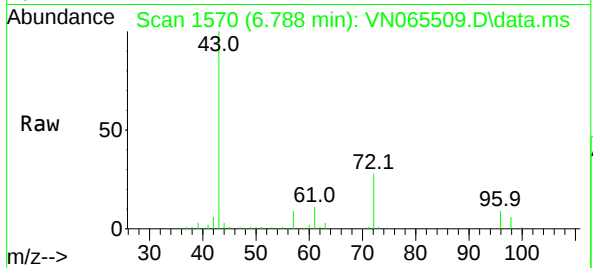




#22
 cis-1,2-Dichloroethene
 Concen: 6.63 ug/l
 RT: 6.788 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: VN065509.D
 Acq: 14 Jan 2021 15:07

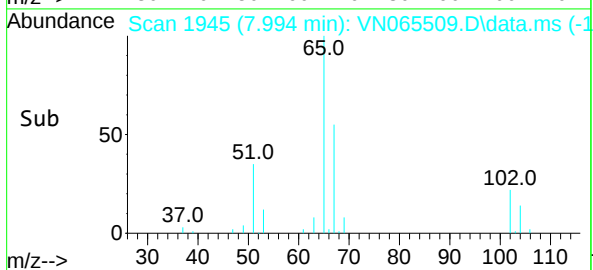
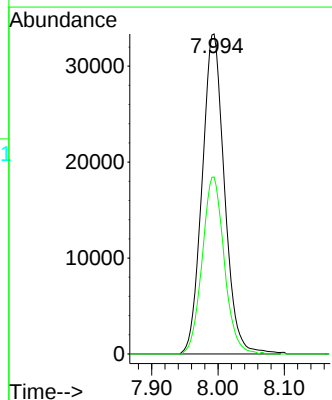
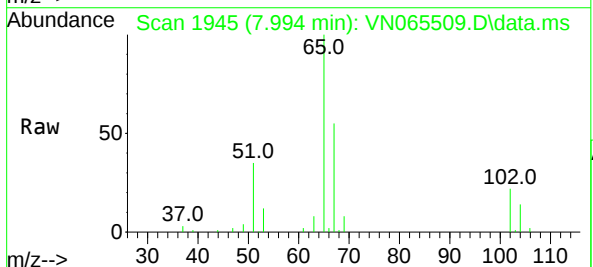
Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-30

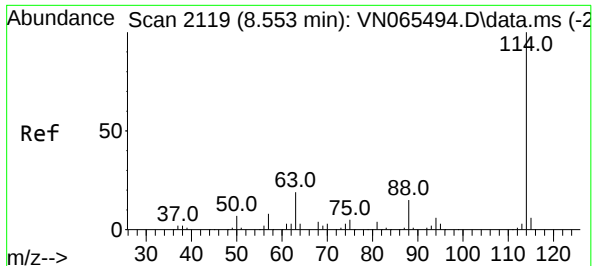
Tgt Ion:	96	Resp:	17236
Ion	Ratio	Lower	Upper
96	100		
61	120.5	112.5	168.7
98	64.1	52.2	78.2



#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

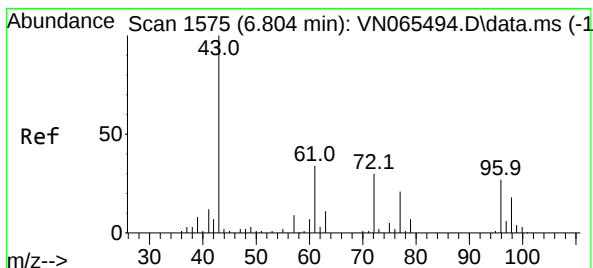
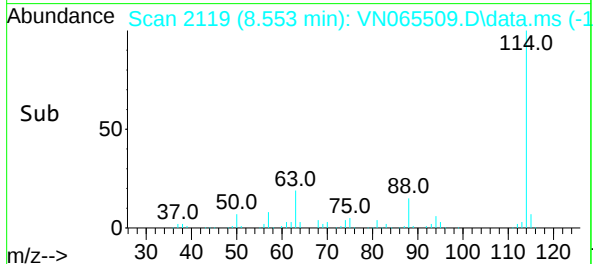
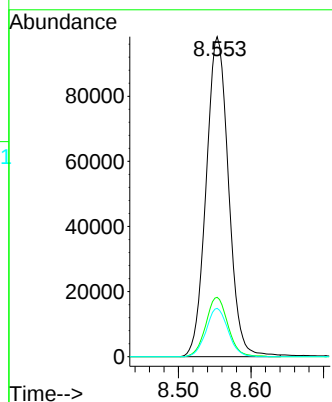
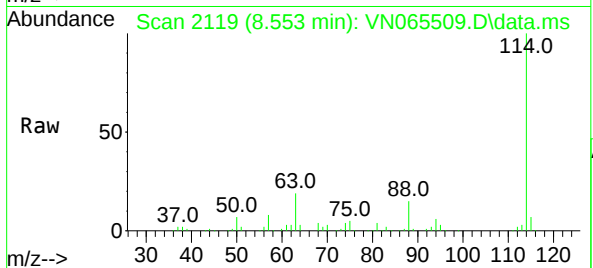




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

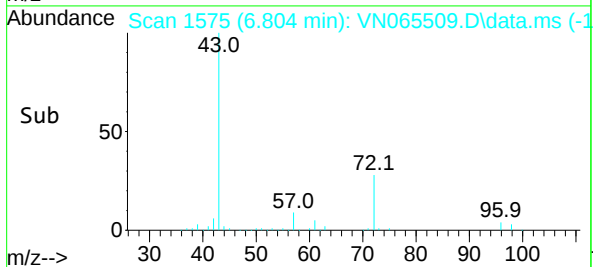
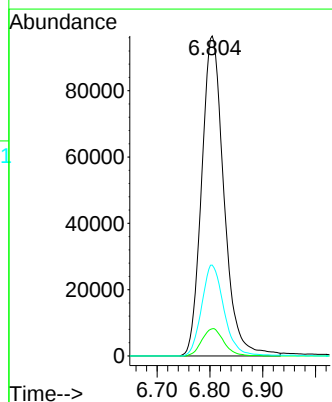
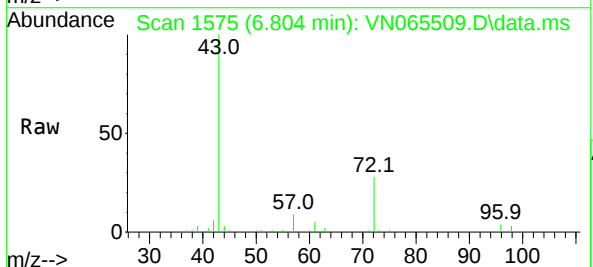
Instrument :
MSVOA_N
ClientSampled :
55-ST-30

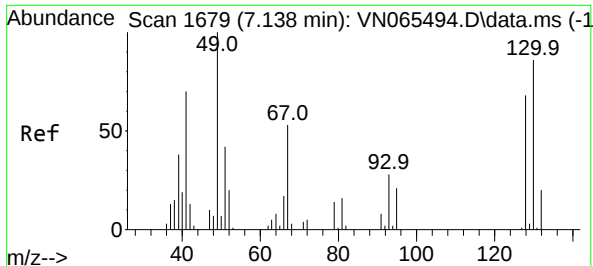
Tgt Ion:114 Resp: 210653
Ion Ratio Lower Upper
114 100
63 18.4 14.7 22.1
88 14.8 11.7 17.5



#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

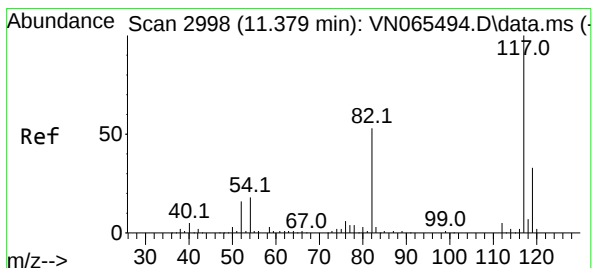
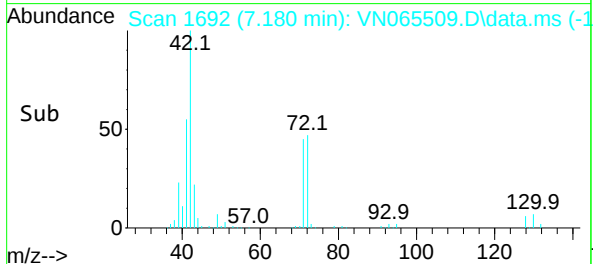
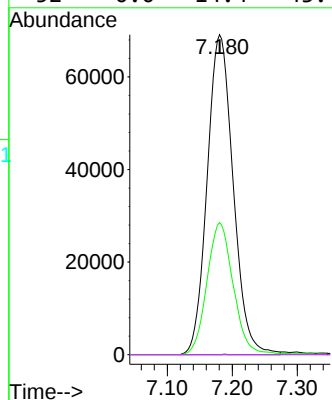
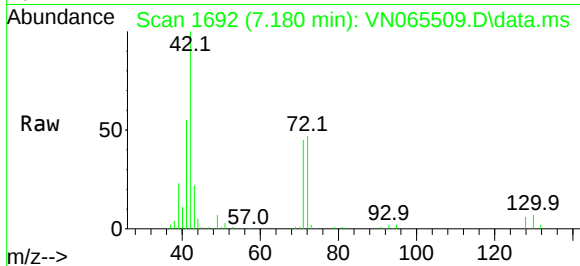




#35
Methacrylonitrile
Concen: 153.44 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.042 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

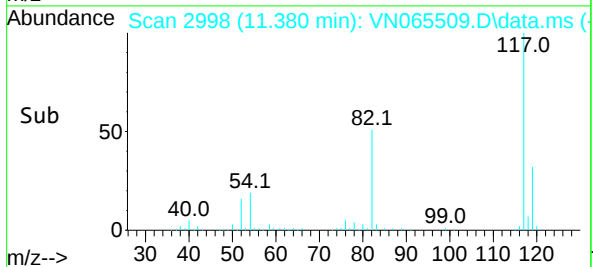
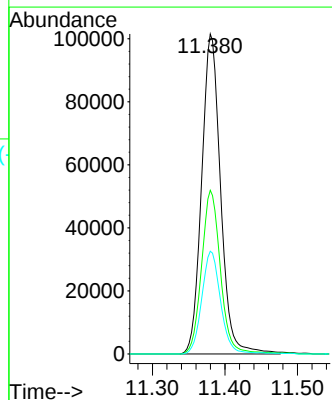
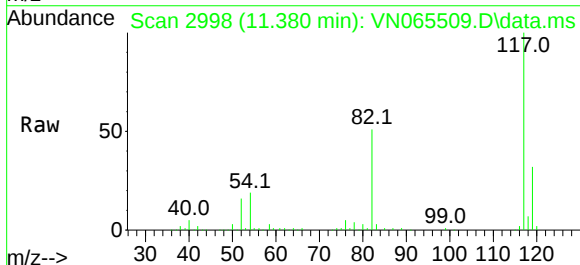
Instrument :
MSVOA_N
ClientSampleId :
55-ST-30

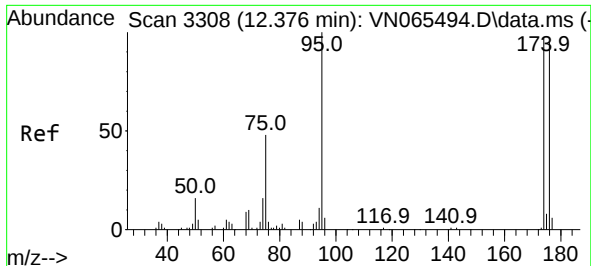
Tgt Ion:	41	Resp:	192353
Ion	Ratio	Lower	Upper
41	100		
39	41.3	26.8	80.3
67	0.0	38.0	113.9#
52	0.0	14.4	43.4#



#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

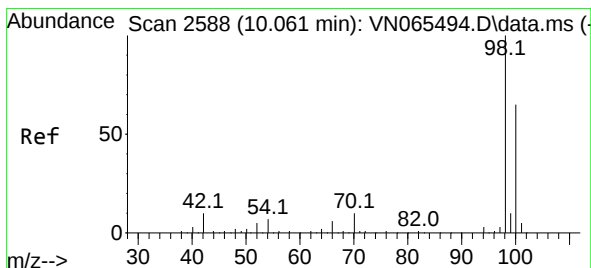
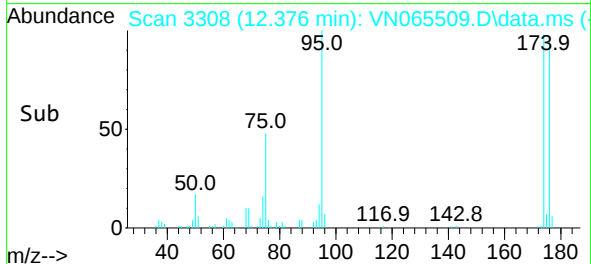
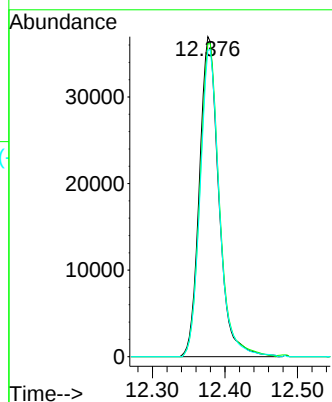
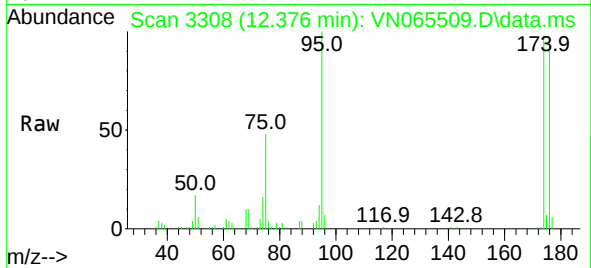




#60
4-Bromofluorobenzene
Concen: 24.57 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065509.D
Acq: 14 Jan 2021 15:07

Instrument :
MSVOA_N
ClientSampleId :
55-ST-30

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

