

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
 Data File : VN065514.D
 Acq On : 14 Jan 2021 17:30
 Operator : JC/MD
 Sample : M1150-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Jan 15 04:15:14 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)

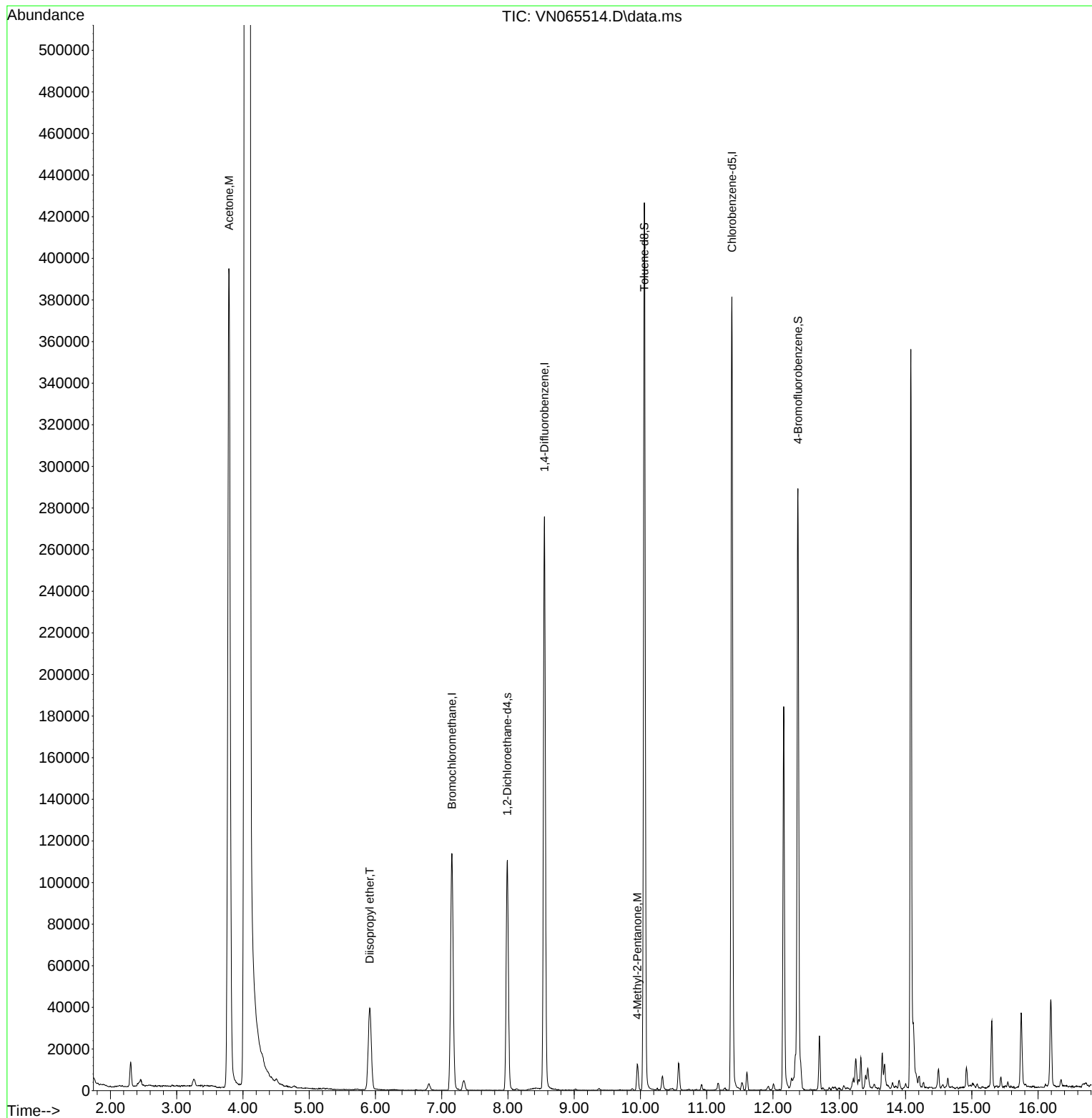
Internal Standards						
1) Bromochloromethane	7.155	128	51166	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	267814	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	243444	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.991	65	96106	30.07	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.23%
60) 4-Bromofluorobenzene	12.376	95	101729	27.59	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.97%
63) Toluene-d8	10.058	98	318389	29.88	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.60%
Target Compounds						
						Qvalue
15) Acetone	3.791	58	238445	622.80	ug/l	92
20) Diisopropyl ether	5.914	45	51541	6.17	ug/l	91
58) 4-Methyl-2-Pentanone	9.952	43	9664	2.99	ug/l	95

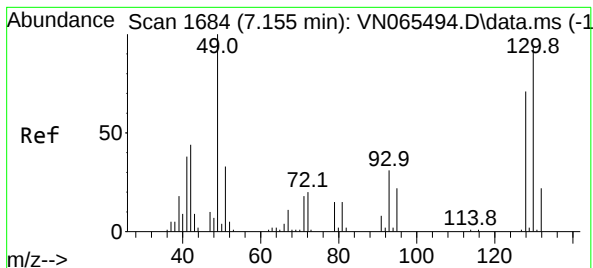
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
Data File : VN065514.D
Acq On : 14 Jan 2021 17:30
Operator : JC/MD
Sample : M1150-02 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Time: Jan 15 04:15:14 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

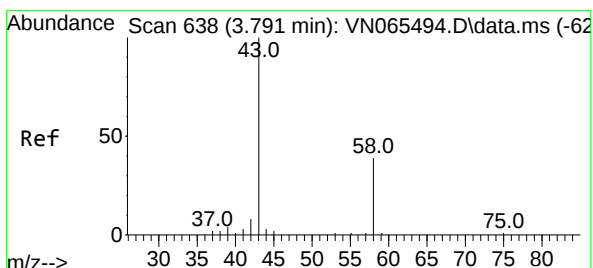
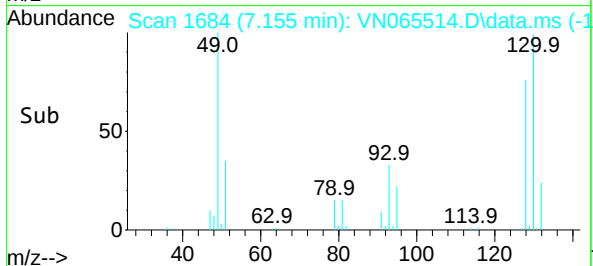
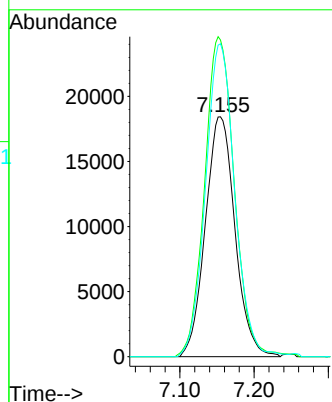
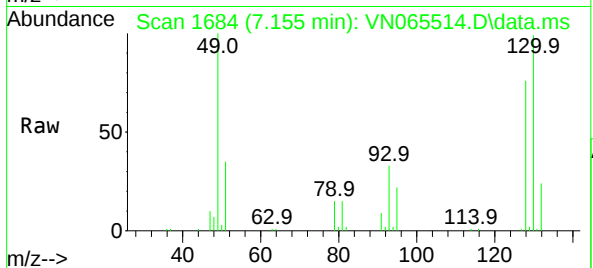




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN065514.D
Acq: 14 Jan 2021 17:30

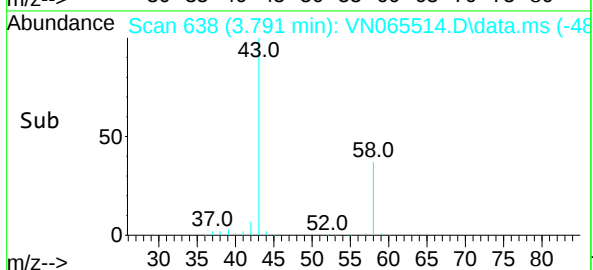
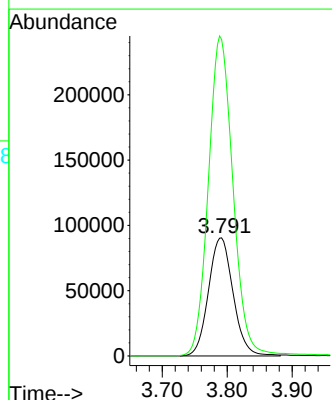
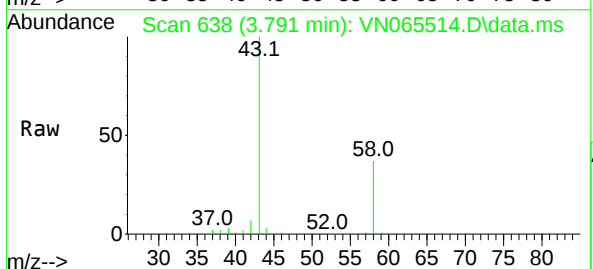
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

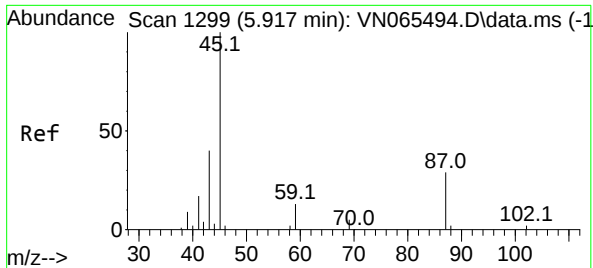
Tgt Ion:128 Resp: 51166
Ion Ratio Lower Upper
128 100
49 133.2 0.0 355.0
130 128.7 0.0 325.5



#15
Acetone
Concen: 622.80 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN065514.D
Acq: 14 Jan 2021 17:30

Tgt Ion: 58 Resp: 238445
Ion Ratio Lower Upper
58 100
43 267.5 203.4 305.0

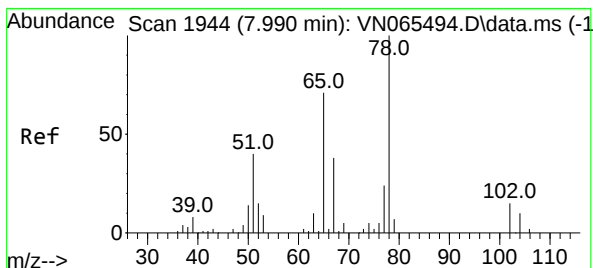
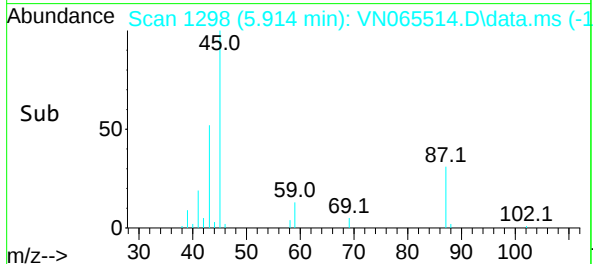
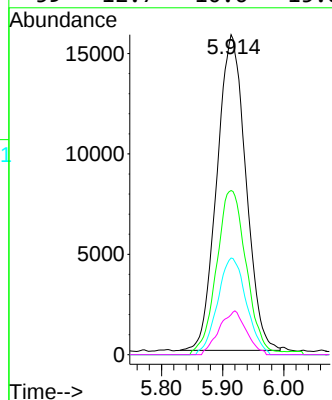
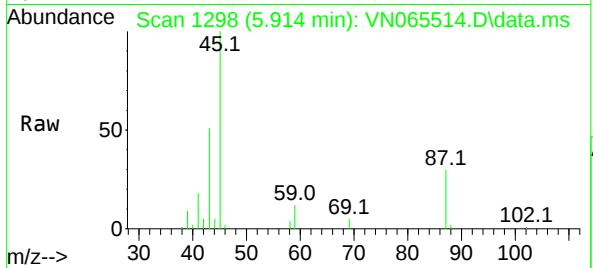




#20
Diisopropyl ether
Concen: 6.17 ug/l
RT: 5.914 min Scan# 1298
Delta R.T. -0.003 min
Lab File: VN065514.D
Acq: 14 Jan 2021 17:30

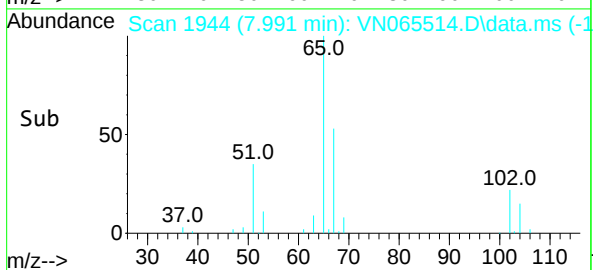
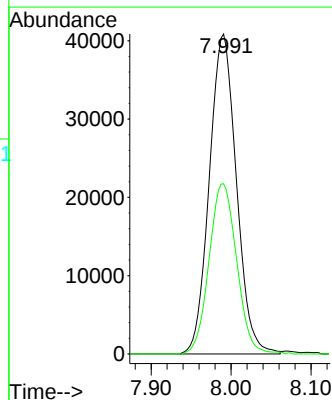
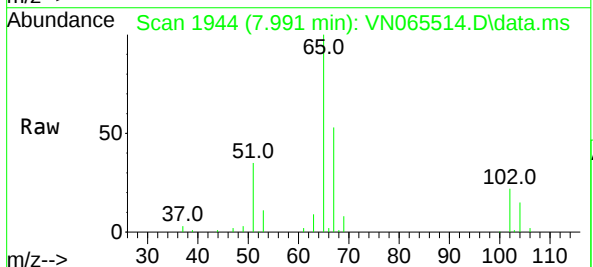
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

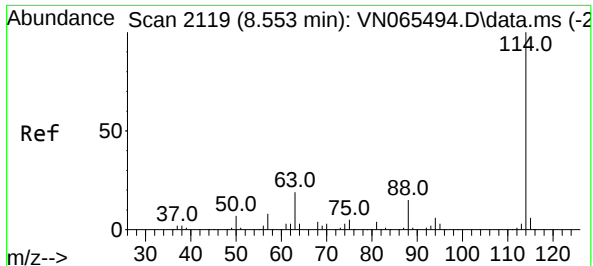
Tgt Ion:	45	Resp:	51541
Ion	Ratio	Lower	Upper
45	100		
43	52.0	50.4	75.6
87	30.6	24.5	36.7
59	12.7	10.6	15.8



#27
1,2-Dichloroethane-d4
Concen: 30.07 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN065514.D
Acq: 14 Jan 2021 17:30

Tgt Ion:	65	Resp:	96106
Ion	Ratio	Lower	Upper
65	100		
67	54.2	42.8	64.2

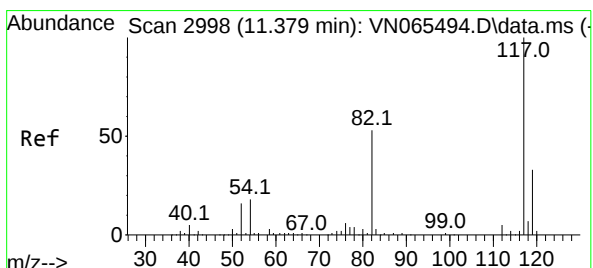
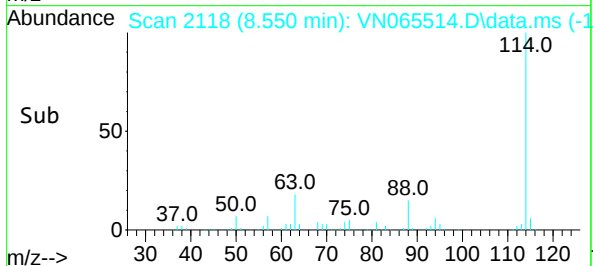
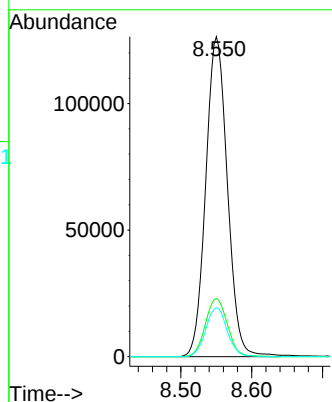
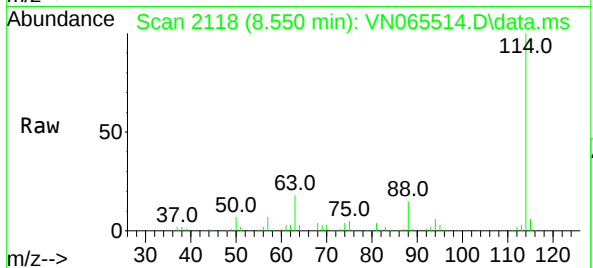




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VN065514.D
Acq: 14 Jan 2021 17:30

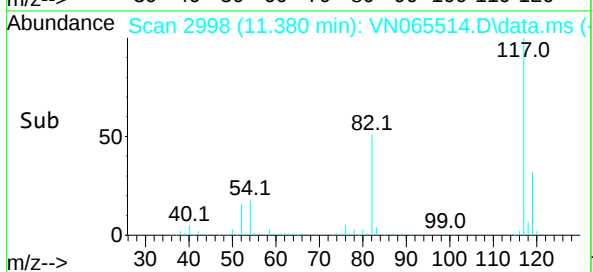
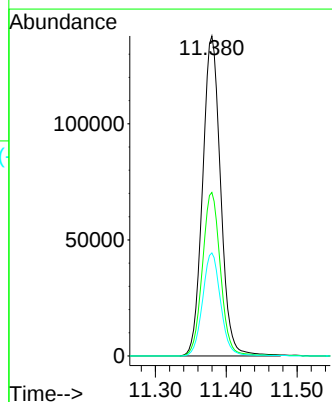
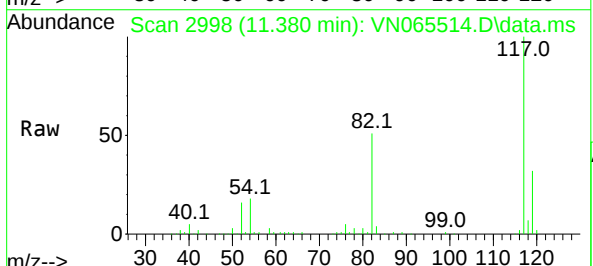
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

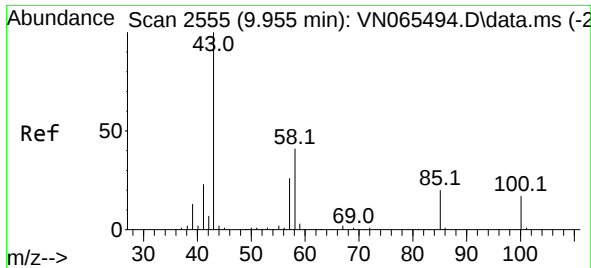
Tgt Ion:114 Resp: 267814
Ion Ratio Lower Upper
114 100
63 18.6 14.7 22.1
88 15.2 11.7 17.5



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VN065514.D
Acq: 14 Jan 2021 17:30

Tgt Ion:117 Resp: 243444
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 32.2 25.7 38.5

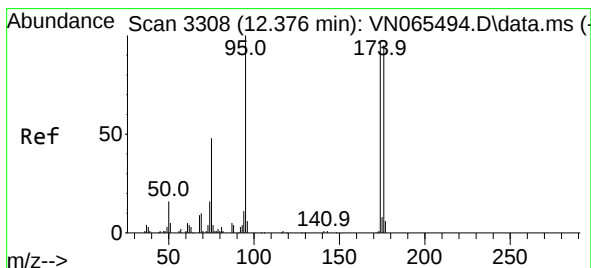
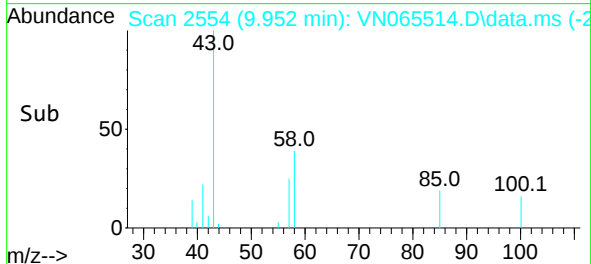
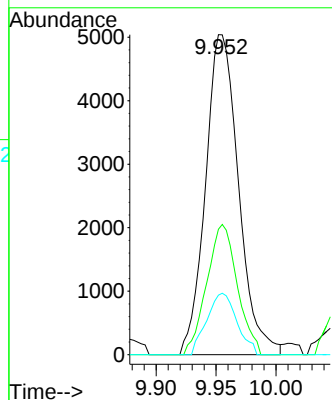
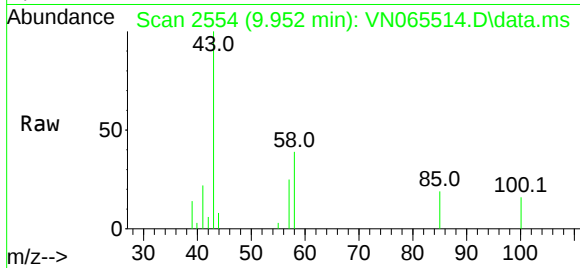




#58
4-Methyl-2-Pentanone
Concen: 2.99 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.003 min
Lab File: VN065514.D
Acq: 14 Jan 2021 17:30

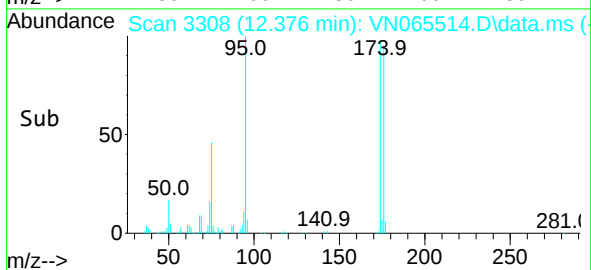
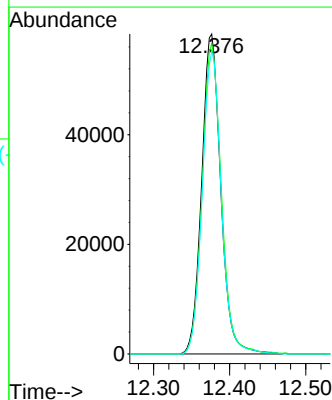
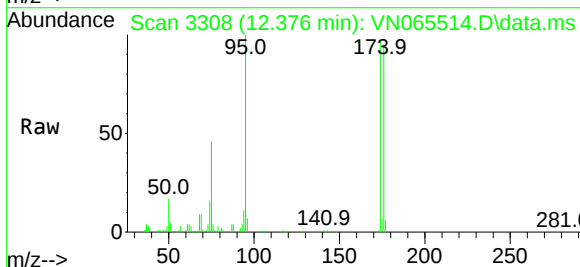
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

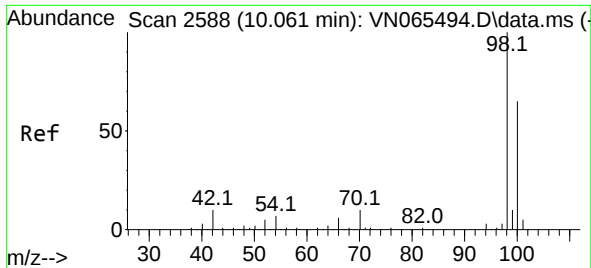
Tgt Ion:	43	Resp:	9664
Ion	Ratio	Lower	Upper
43	100		
58	37.7	32.7	49.1
85	17.5	16.0	24.0



#60
4-Bromofluorobenzene
Concen: 27.59 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065514.D
Acq: 14 Jan 2021 17:30

Tgt Ion:	95	Resp:	101729
Ion	Ratio	Lower	Upper
95	100		
174	97.3	77.0	115.6
176	94.0	75.8	113.6





#63
Toluene-d8
Concen: 29.88 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.003 min
Lab File: VN065514.D
Acq: 14 Jan 2021 17:30

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 98 Resp: 318389
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

