

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
 Data File : VN065506.D
 Acq On : 14 Jan 2021 13:53
 Operator : JC/MD
 Sample : M1032-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JAN)

Quant Time: Jan 14 14:29:57 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)

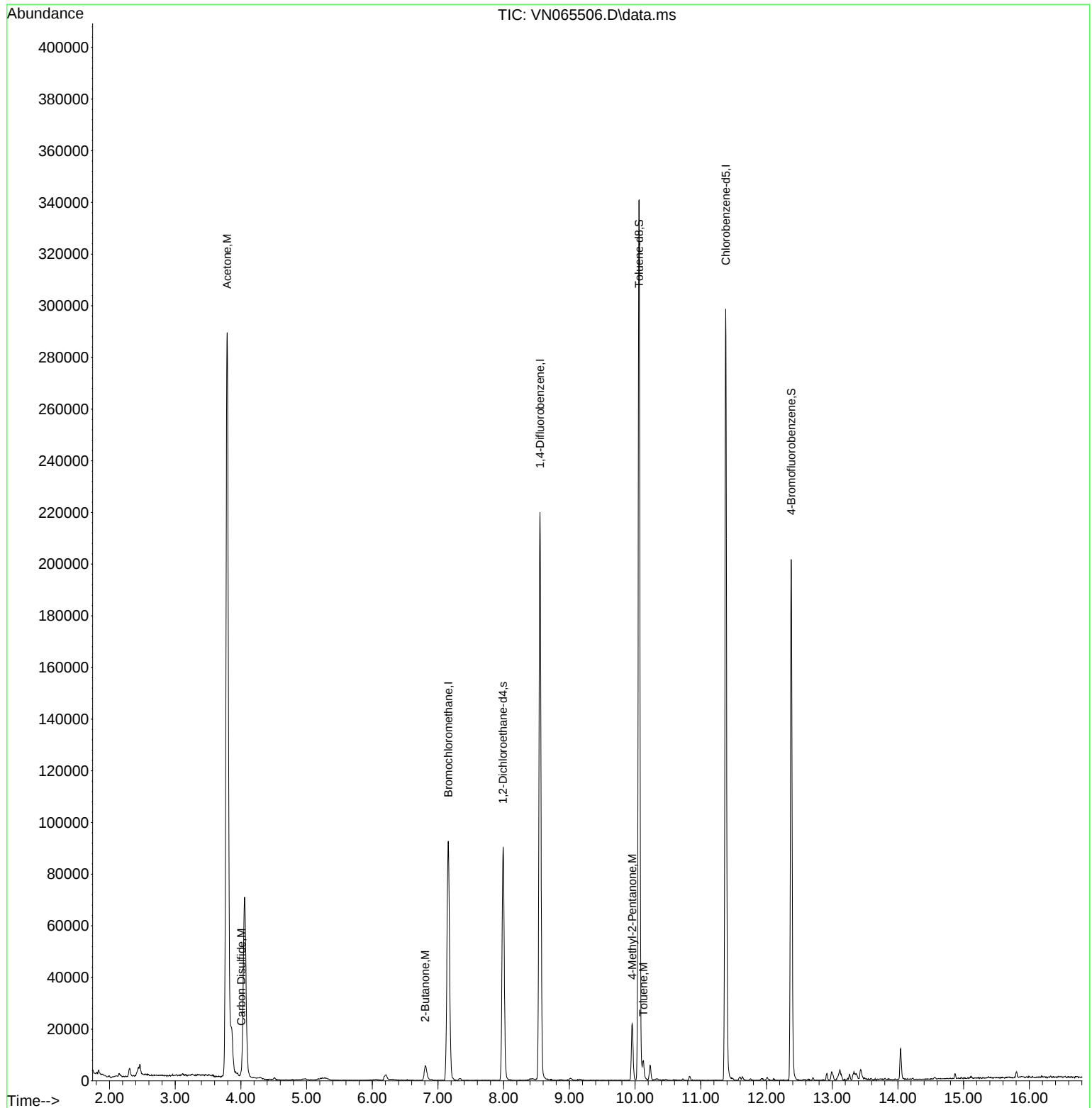
Internal Standards						
1) Bromochloromethane	7.158	128	40948	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.553	114	214291	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	189059	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.991	65	79319	31.01	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.37%
60) 4-Bromofluorobenzene	12.376	95	72187	25.21	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.03%
63) Toluene-d8	10.061	98	253879	30.68	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.27%
Target Compounds						
15) Acetone	3.791	58	174303	568.87	ug/l	Qvalue 92
16) Carbon Disulfide	4.007	76	3407	0.62	ug/l #	73
30) 2-Butanone	6.804	43	11154	9.08	ug/l #	92
58) 4-Methyl-2-Pentanone	9.955	43	16258	6.48	ug/l	95
62) Toluene	10.126	91	5493	0.56	ug/l	99

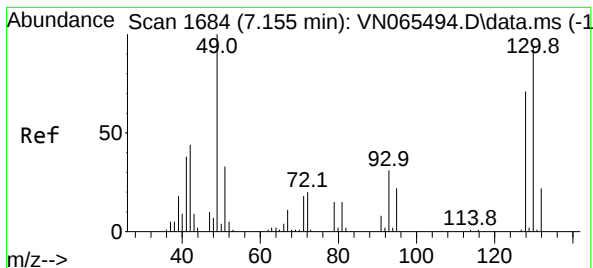
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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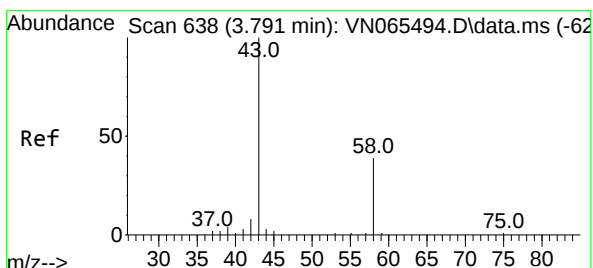
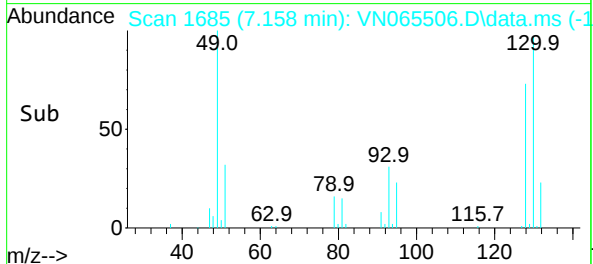
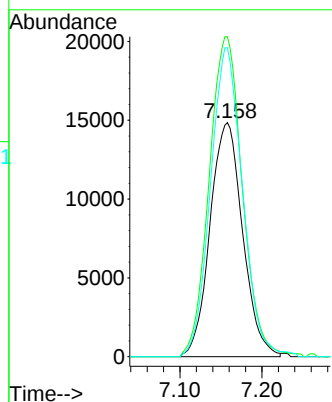
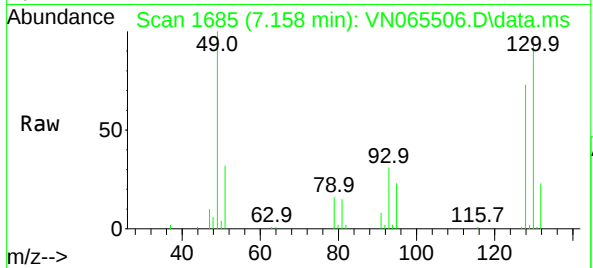




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.158 min Scan# 1685
Delta R.T. 0.003 min
Lab File: VN065506.D
Acq: 14 Jan 2021 13:53

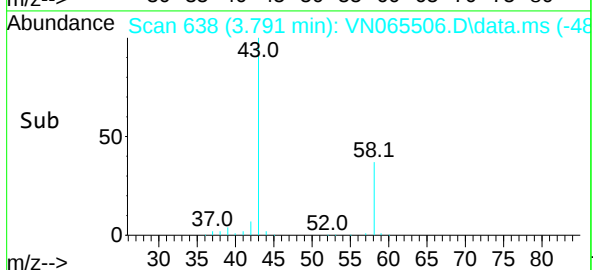
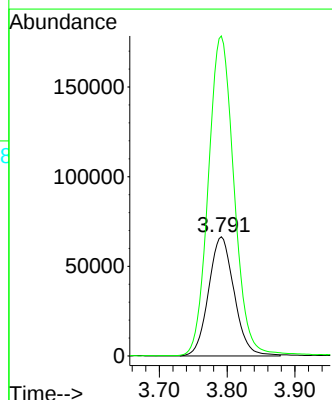
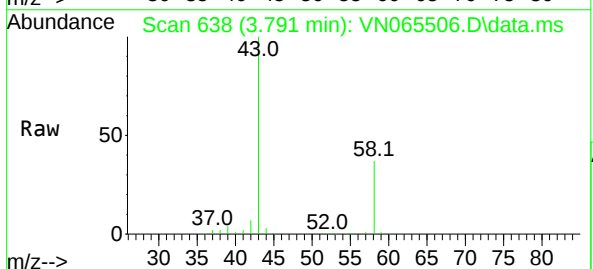
Instrument :
MSVOA_N
ClientSampleId :
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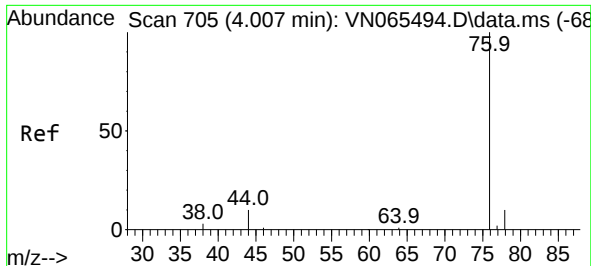
Tgt Ion:128 Resp: 40948
Ion Ratio Lower Upper
128 100
49 139.2 0.0 355.0
130 130.4 0.0 325.5



#15
Acetone
Concen: 568.87 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN065506.D
Acq: 14 Jan 2021 13:53

Tgt Ion: 58 Resp: 174303
Ion Ratio Lower Upper
58 100
43 268.0 203.4 305.0

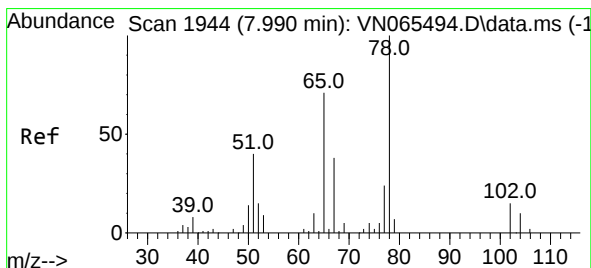
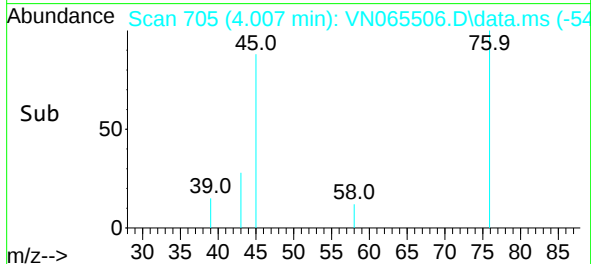
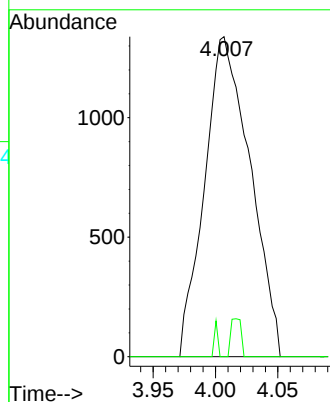
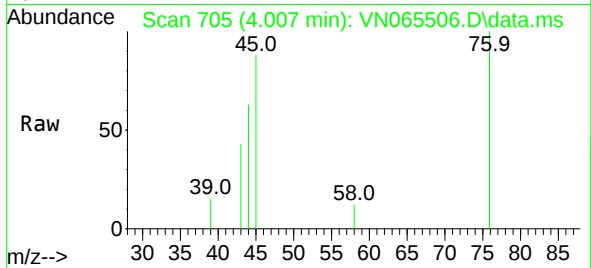




#16
Carbon Disulfide
Concen: 0.62 ug/l
RT: 4.007 min Scan# 705
Delta R.T. 0.000 min
Lab File: VN065506.D
Acq: 14 Jan 2021 13:53

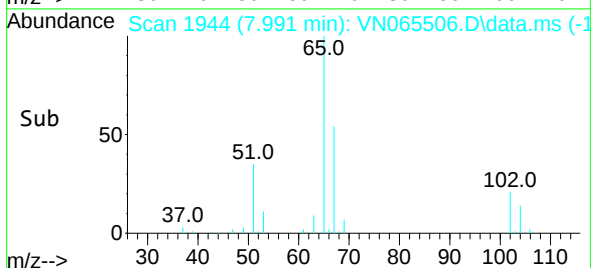
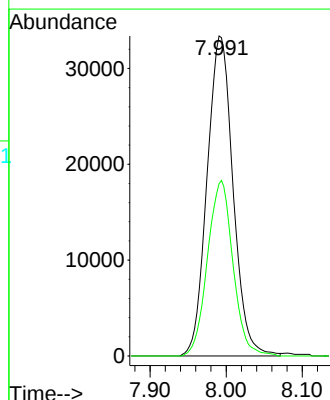
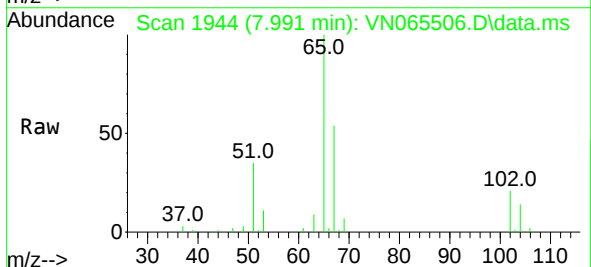
Instrument :
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ClientSampleId :
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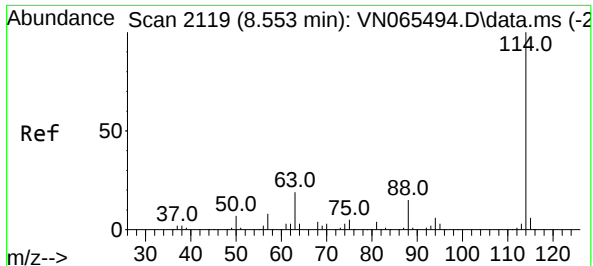
Tgt Ion: 76 Resp: 3407
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#27
1,2-Dichloroethane-d4
Concen: 31.01 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN065506.D
Acq: 14 Jan 2021 13:53

Tgt Ion: 65 Resp: 79319
Ion Ratio Lower Upper
65 100
67 53.8 42.8 64.2

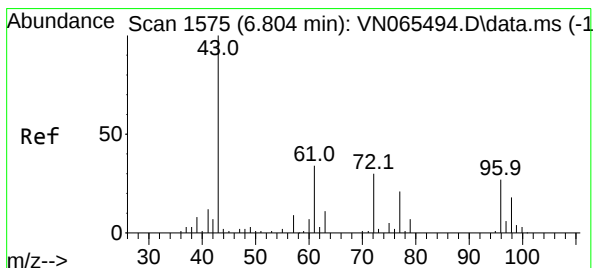
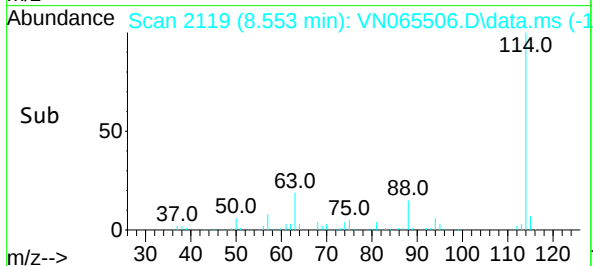
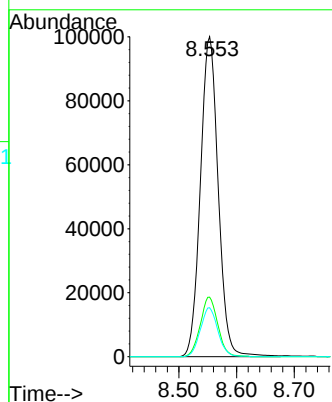
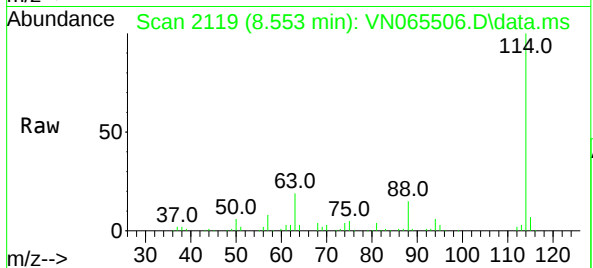




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.553 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: VN065506.D
 Acq: 14 Jan 2021 13:53

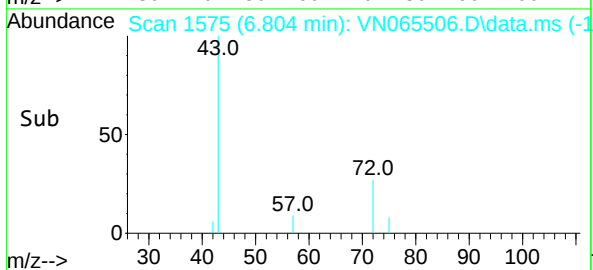
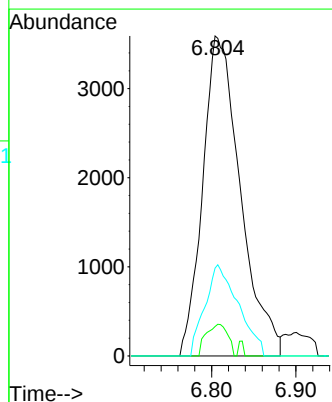
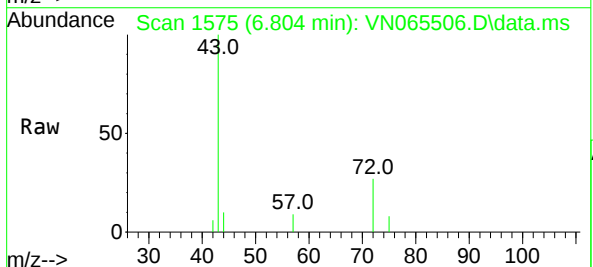
Instrument :
 MSVOA_N
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 002-35TH-AVE(JAN)

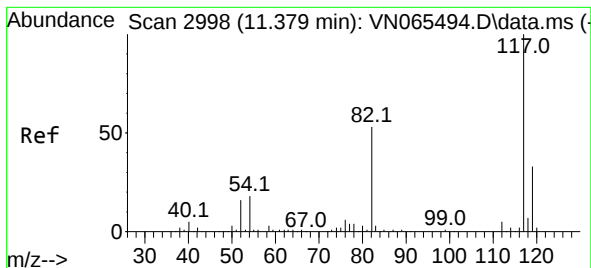
Tgt Ion:114 Resp: 214291
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.7 22.1
 88 15.0 11.7 17.5



#30
 2-Butanone
 Concen: 9.08 ug/l
 RT: 6.804 min Scan# 1575
 Delta R.T. 0.000 min
 Lab File: VN065506.D
 Acq: 14 Jan 2021 13:53

Tgt Ion: 43 Resp: 11154
 Ion Ratio Lower Upper
 43 100
 57 5.7 7.0 10.4#
 72 25.2 23.6 35.4

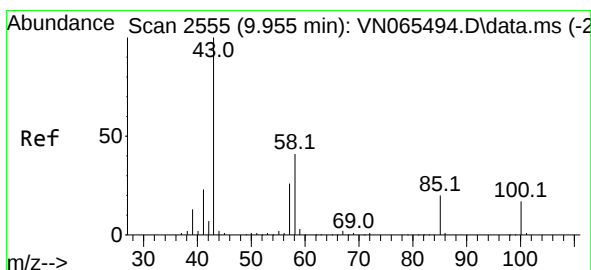
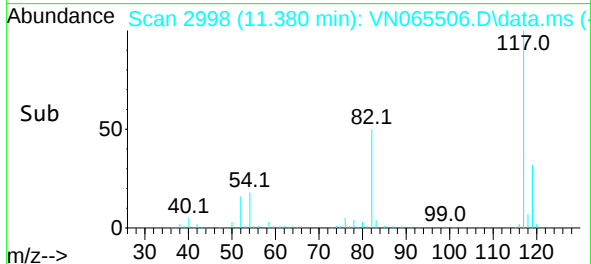
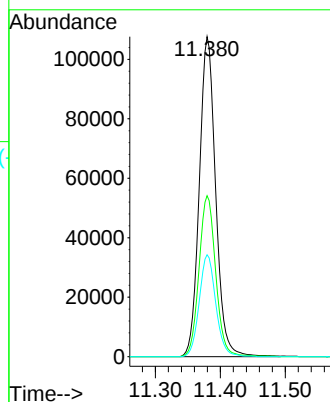
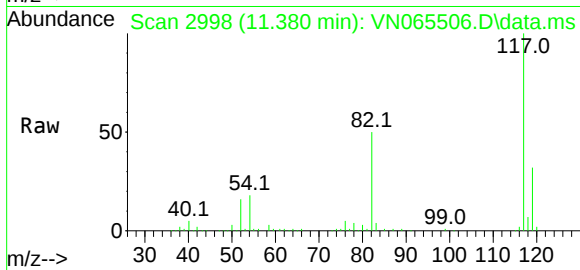




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VN065506.D
Acq: 14 Jan 2021 13:53

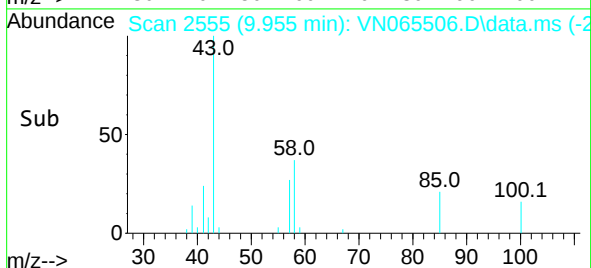
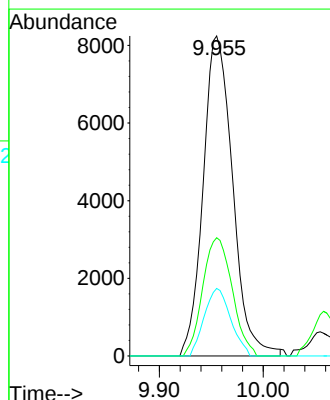
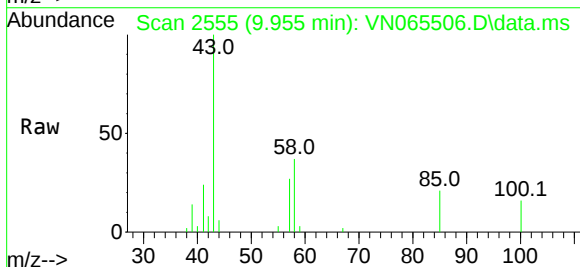
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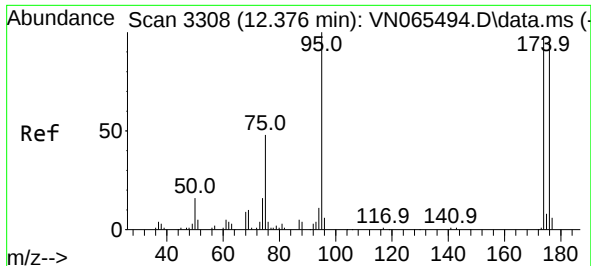
Tgt Ion:117 Resp: 189059
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 32.3 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 6.48 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065506.D
Acq: 14 Jan 2021 13:53

Tgt Ion: 43 Resp: 16258
Ion Ratio Lower Upper
43 100
58 36.9 32.7 49.1
85 18.9 16.0 24.0

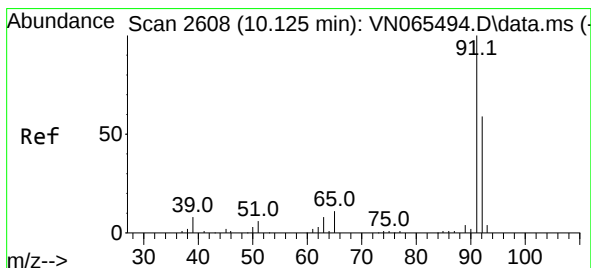
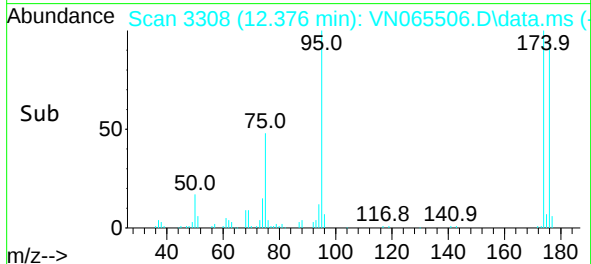
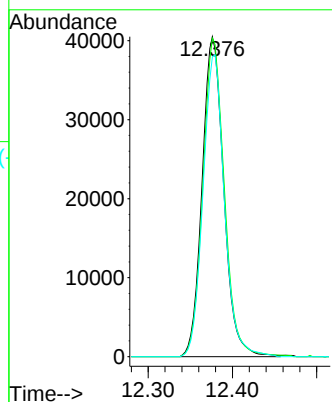
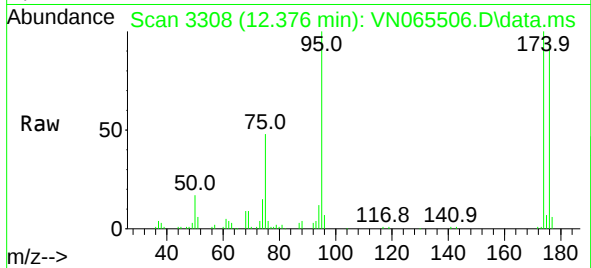




#60
4-Bromofluorobenzene
Concen: 25.21 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065506.D
Acq: 14 Jan 2021 13:53

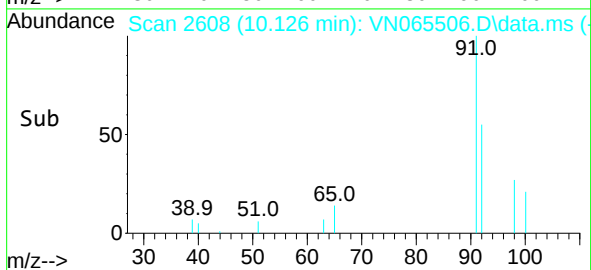
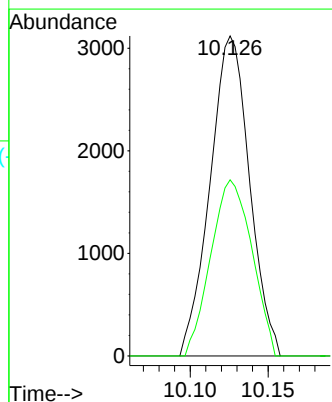
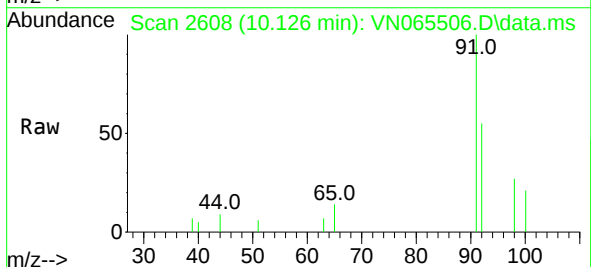
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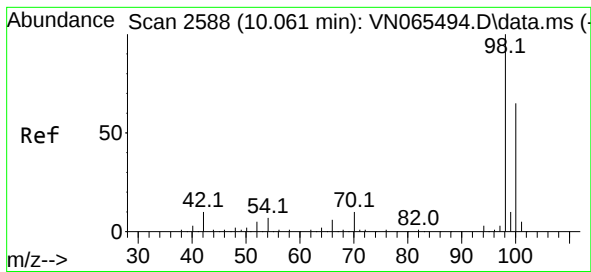
Tgt Ion: 95 Resp: 72187
Ion Ratio Lower Upper
95 100
174 99.1 77.0 115.6
176 93.8 75.8 113.6



#62
Toluene
Concen: 0.56 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. 0.000 min
Lab File: VN065506.D
Acq: 14 Jan 2021 13:53

Tgt Ion: 91 Resp: 5493
Ion Ratio Lower Upper
91 100
92 57.3 46.2 69.4





#63

Toluene-d8

Concen: 30.68 ug/l

RT: 10.061 min Scan# 2588

Delta R.T. 0.000 min

Lab File: VN065506.D

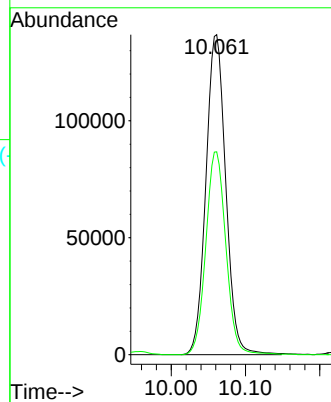
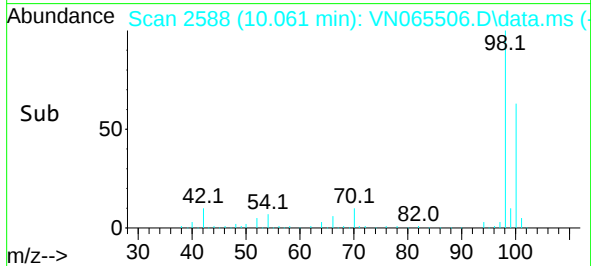
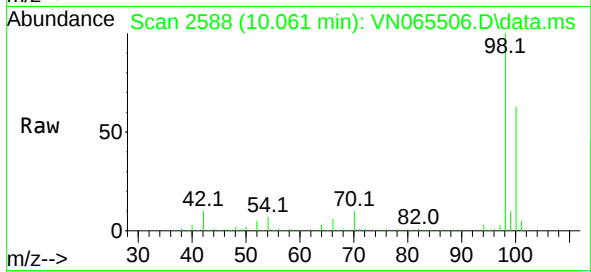
Acq: 14 Jan 2021 13:53

Tgt Ion: 98 Resp: 253879

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(JAN)