

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
 Data File : VN065505.D
 Acq On : 14 Jan 2021 13:28
 Operator : JC/MD
 Sample : M1032-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JAN)

Quant Time: Jan 14 13:46:10 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)

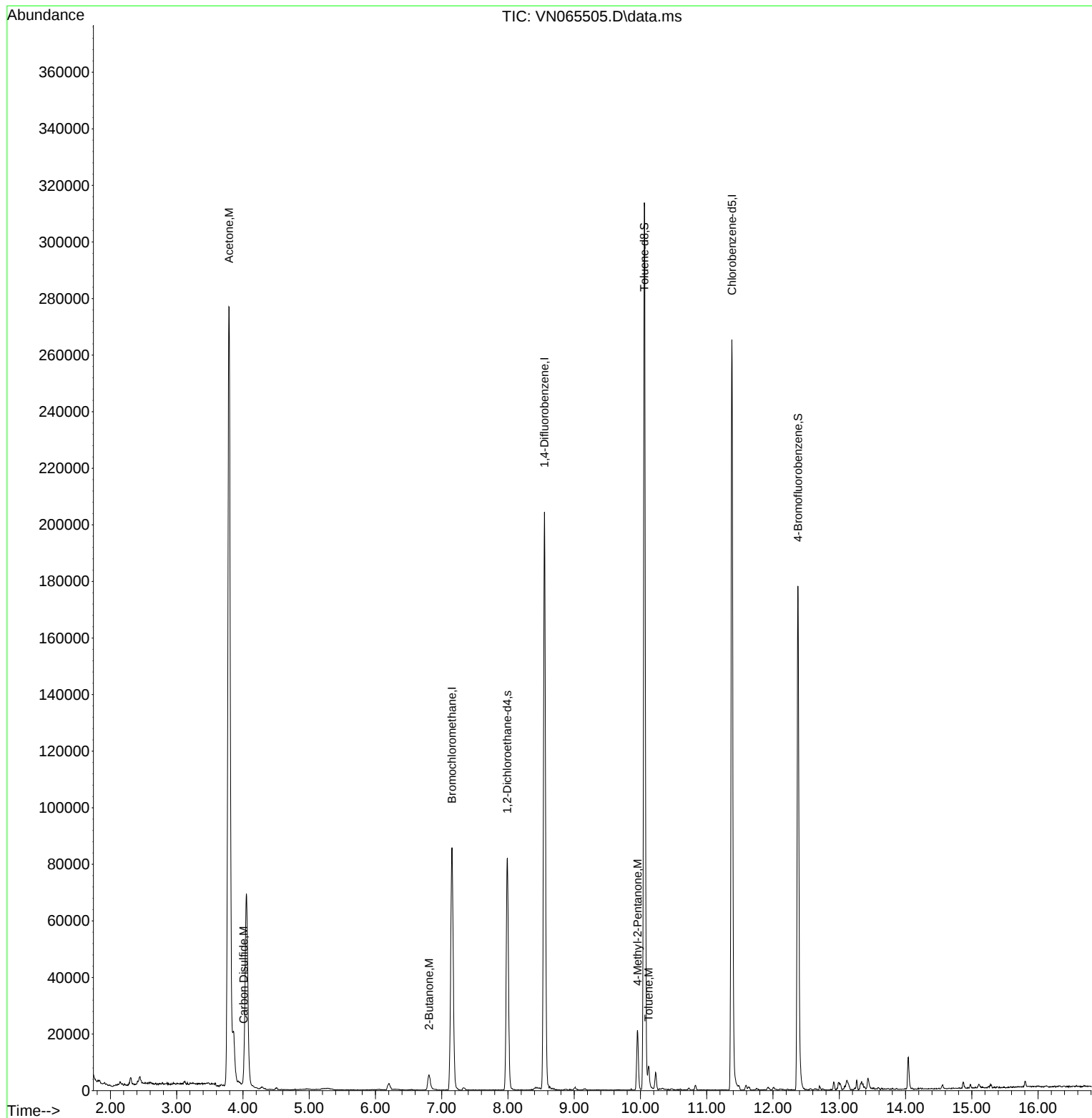
Internal Standards						
1) Bromochloromethane	7.155	128	37647	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	199534	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	174581	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.991	65	72813	30.96	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.20%
60) 4-Bromofluorobenzene	12.376	95	67415	25.50	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.00%
63) Toluene-d8	10.058	98	233150	30.51	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.70%
Target Compounds						
					Qvalue	
15) Acetone	3.791	58	167854	595.86	ug/l	95
16) Carbon Disulfide	4.010	76	3381	0.67	ug/l #	88
30) 2-Butanone	6.807	43	10450	9.14	ug/l #	88
58) 4-Methyl-2-Pentanone	9.955	43	15341	6.62	ug/l	98
62) Toluene	10.122	91	5739	0.63	ug/l	98

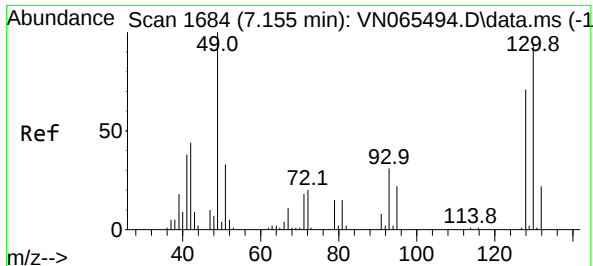
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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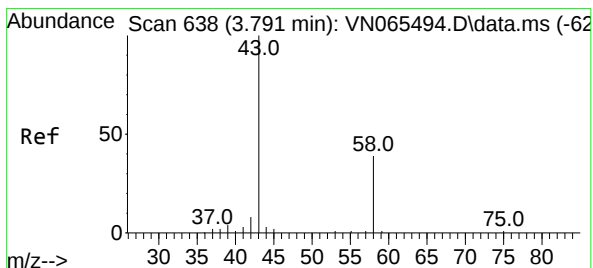
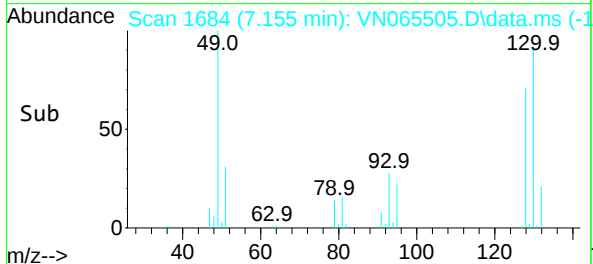
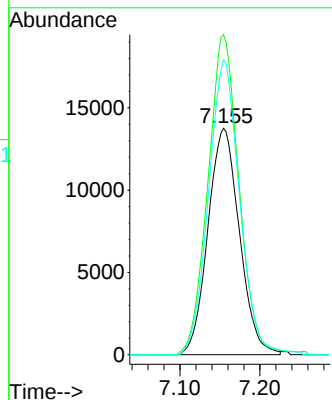
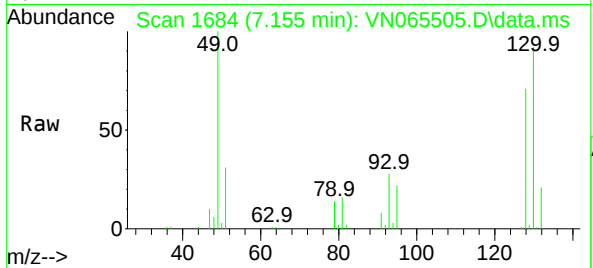




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN065505.D
Acq: 14 Jan 2021 13:28

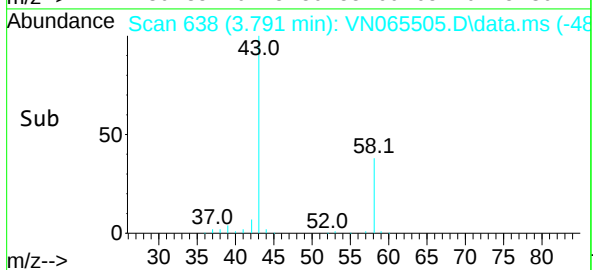
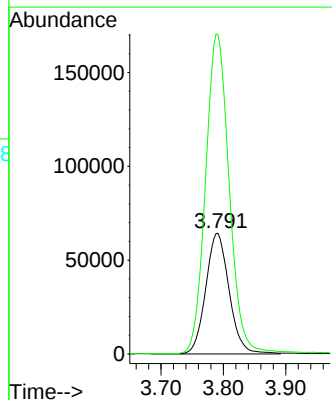
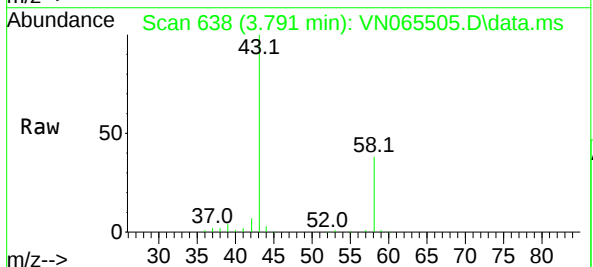
Instrument :
MSVOA_N
ClientSampleId :
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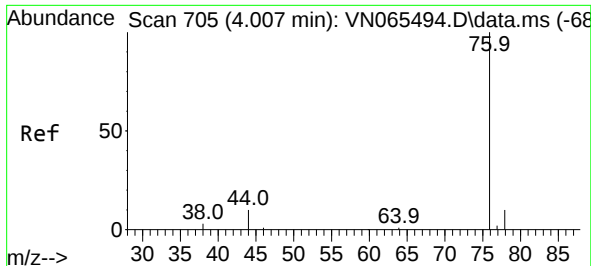
Tgt Ion:128 Resp: 37647
Ion Ratio Lower Upper
128 100
49 139.4 0.0 355.0
130 128.5 0.0 325.5



#15
Acetone
Concen: 595.86 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN065505.D
Acq: 14 Jan 2021 13:28

Tgt Ion: 58 Resp: 167854
Ion Ratio Lower Upper
58 100
43 263.5 203.4 305.0

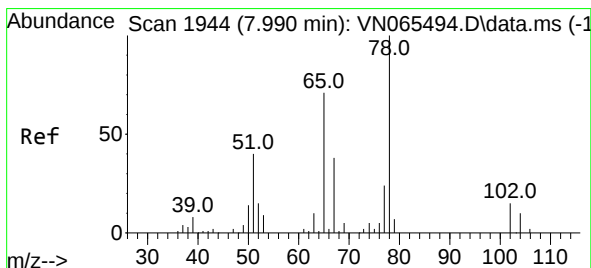
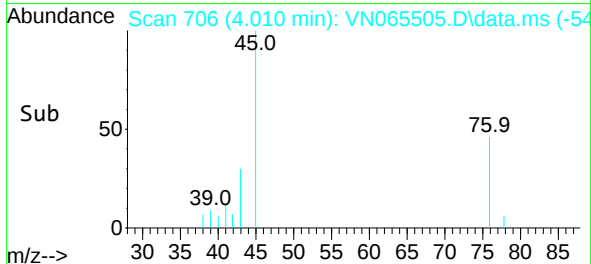
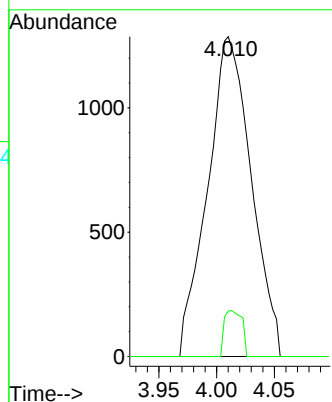
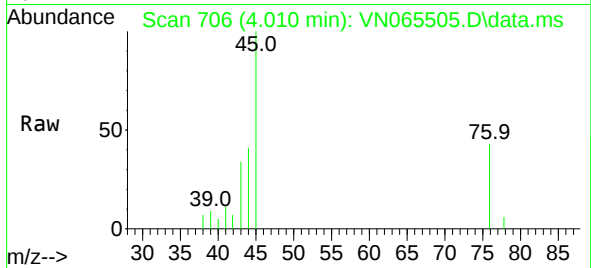




#16
Carbon Disulfide
Concen: 0.67 ug/l
RT: 4.010 min Scan# 706
Delta R.T. 0.003 min
Lab File: VN065505.D
Acq: 14 Jan 2021 13:28

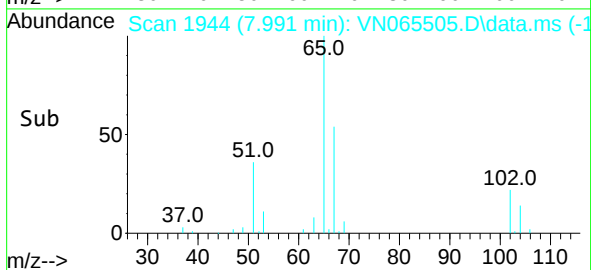
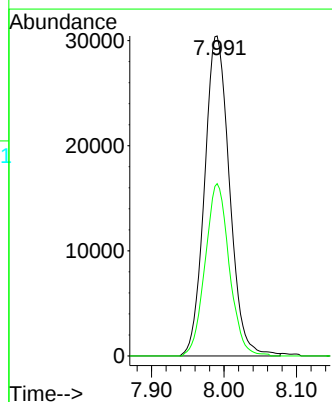
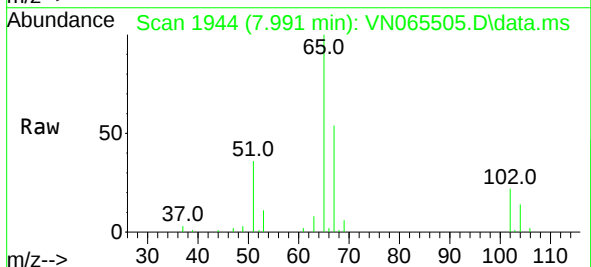
Instrument :
MSVOA_N
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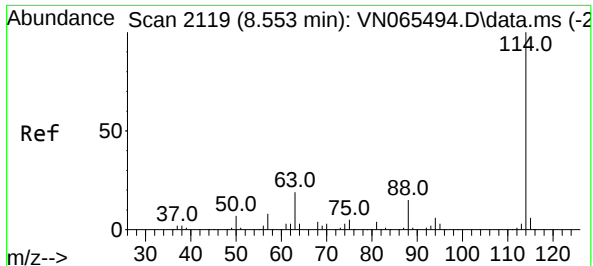
Tgt Ion: 76 Resp: 3381
Ion Ratio Lower Upper
76 100
78 14.2 7.8 11.8#



#27
1,2-Dichloroethane-d4
Concen: 30.96 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN065505.D
Acq: 14 Jan 2021 13:28

Tgt Ion: 65 Resp: 72813
Ion Ratio Lower Upper
65 100
67 52.1 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: VN065505.D

Acq: 14 Jan 2021 13:28

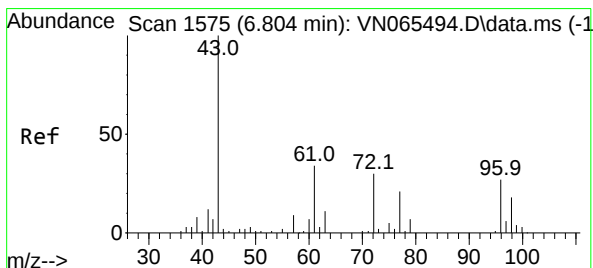
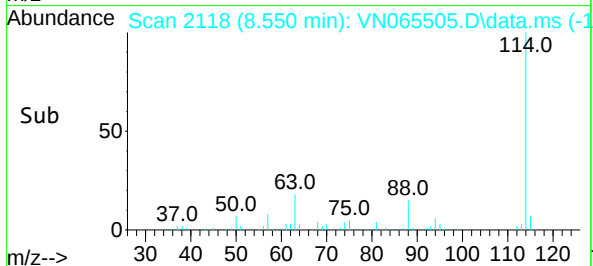
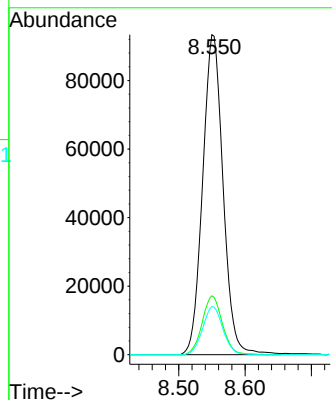
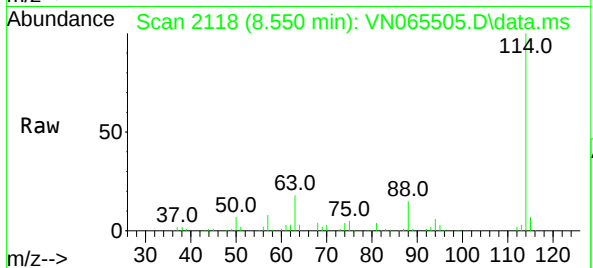
Tgt Ion:114 Resp: 199534

Ion Ratio Lower Upper

114 100

63 18.1 14.7 22.1

88 14.9 11.7 17.5



#30

2-Butanone

Concen: 9.14 ug/l

RT: 6.807 min Scan# 1576

Delta R.T. 0.003 min

Lab File: VN065505.D

Acq: 14 Jan 2021 13:28

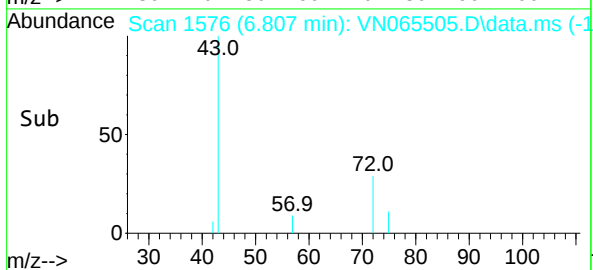
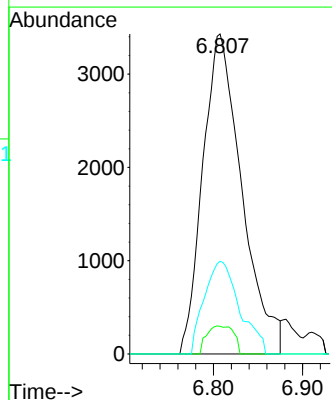
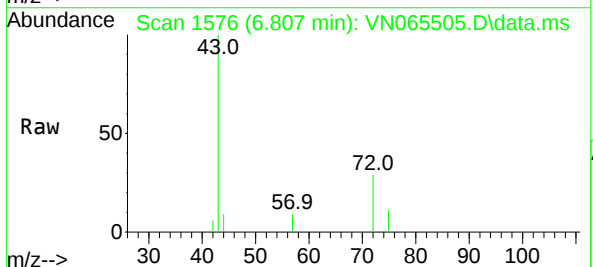
Tgt Ion: 43 Resp: 10450

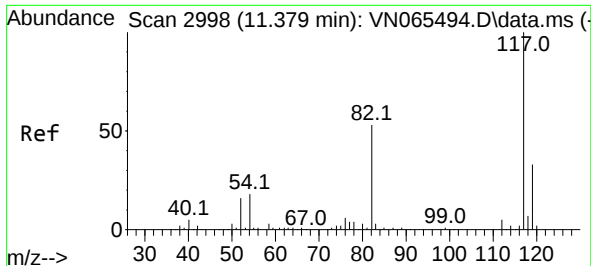
Ion Ratio Lower Upper

43 100

57 3.8 7.0 10.4#

72 23.3 23.6 35.4#

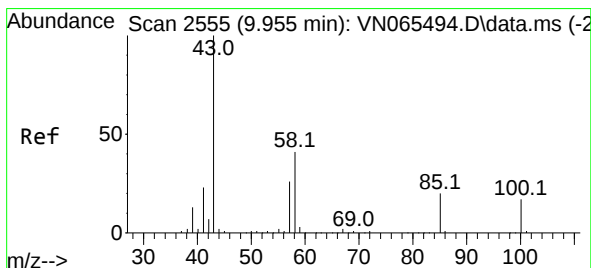
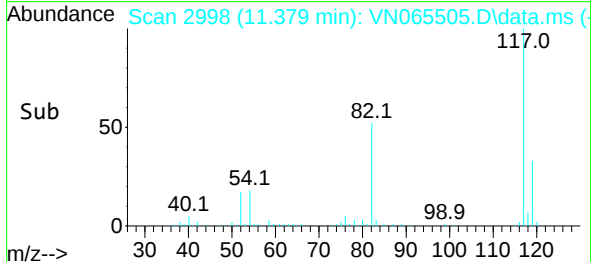
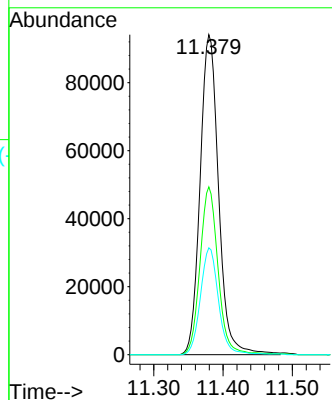
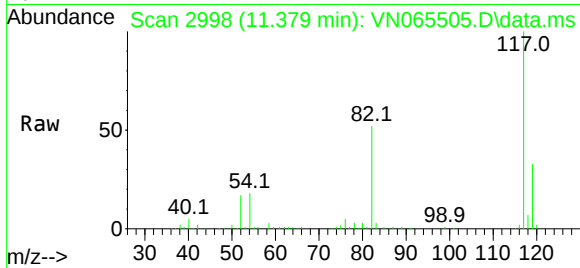




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065505.D
Acq: 14 Jan 2021 13:28

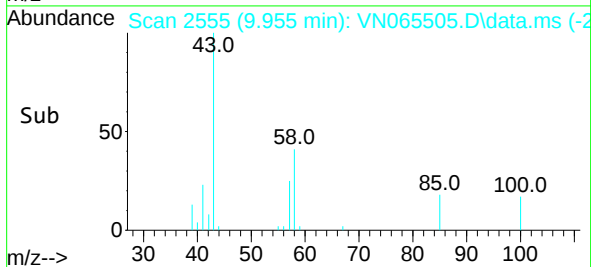
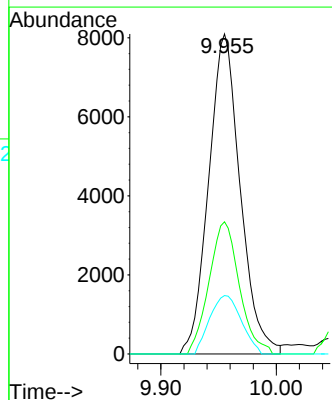
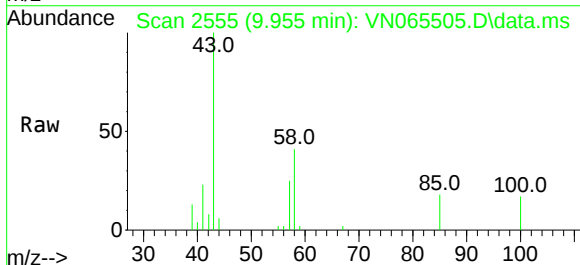
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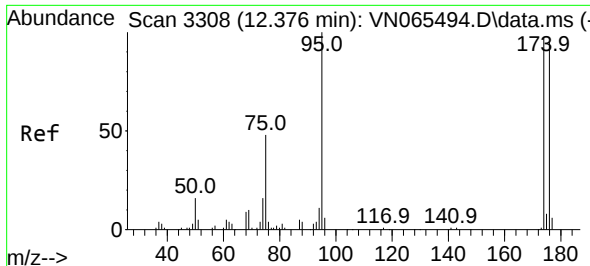
Tgt Ion:117 Resp: 174581
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 32.6 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 6.62 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065505.D
Acq: 14 Jan 2021 13:28

Tgt Ion: 43 Resp: 15341
Ion Ratio Lower Upper
43 100
58 39.7 32.7 49.1
85 18.3 16.0 24.0

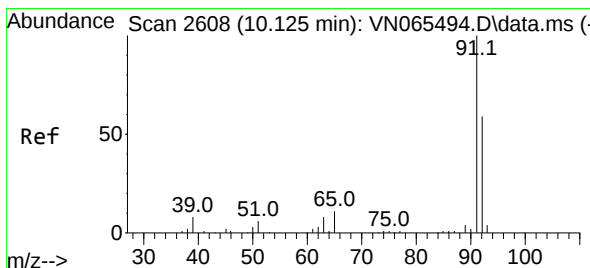
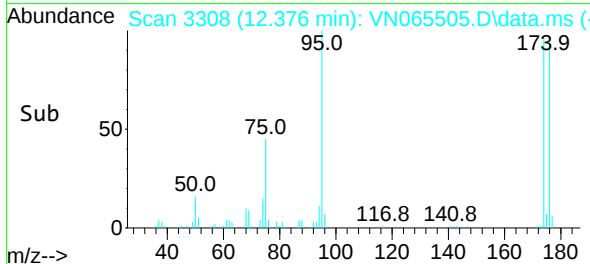
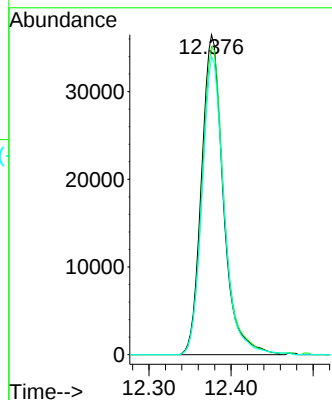
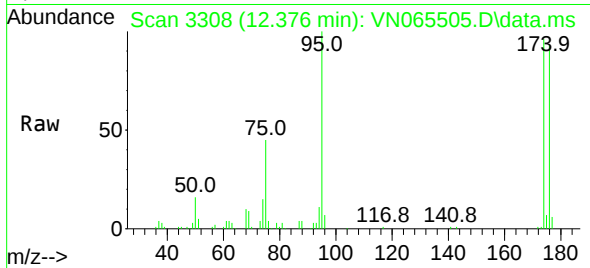




#60
4-Bromofluorobenzene
Concen: 25.50 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065505.D
Acq: 14 Jan 2021 13:28

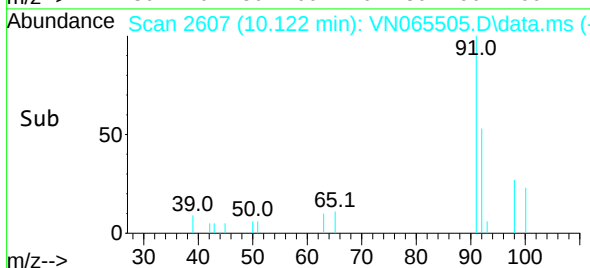
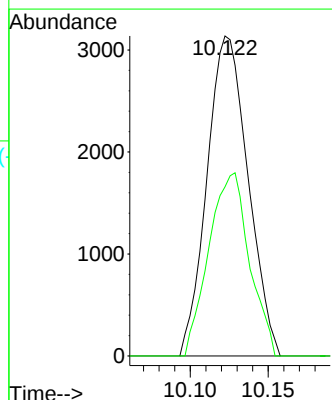
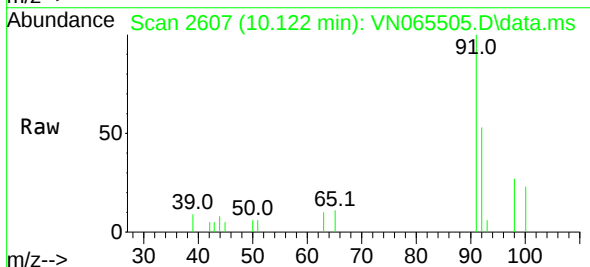
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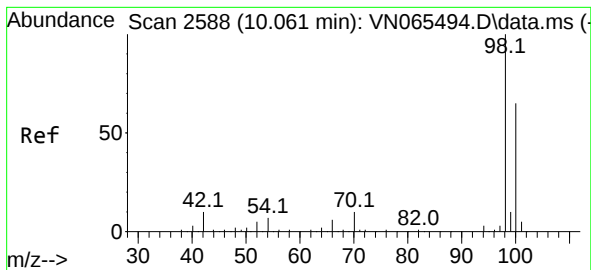
Tgt Ion: 95 Resp: 67415
Ion Ratio Lower Upper
95 100
174 98.2 77.0 115.6
176 93.4 75.8 113.6



#62
Toluene
Concen: 0.63 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.003 min
Lab File: VN065505.D
Acq: 14 Jan 2021 13:28

Tgt Ion: 91 Resp: 5739
Ion Ratio Lower Upper
91 100
92 56.5 46.2 69.4





#63
Toluene-d8
Concen: 30.51 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.003 min
Lab File: VN065505.D
Acq: 14 Jan 2021 13:28

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)

Tgt Ion: 98 Resp: 233150
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

