

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070040.D
 Acq On : 13 Dec 2021 18:36
 Operator : JC/MD
 Sample : M5061-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Dec 14 05:28:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

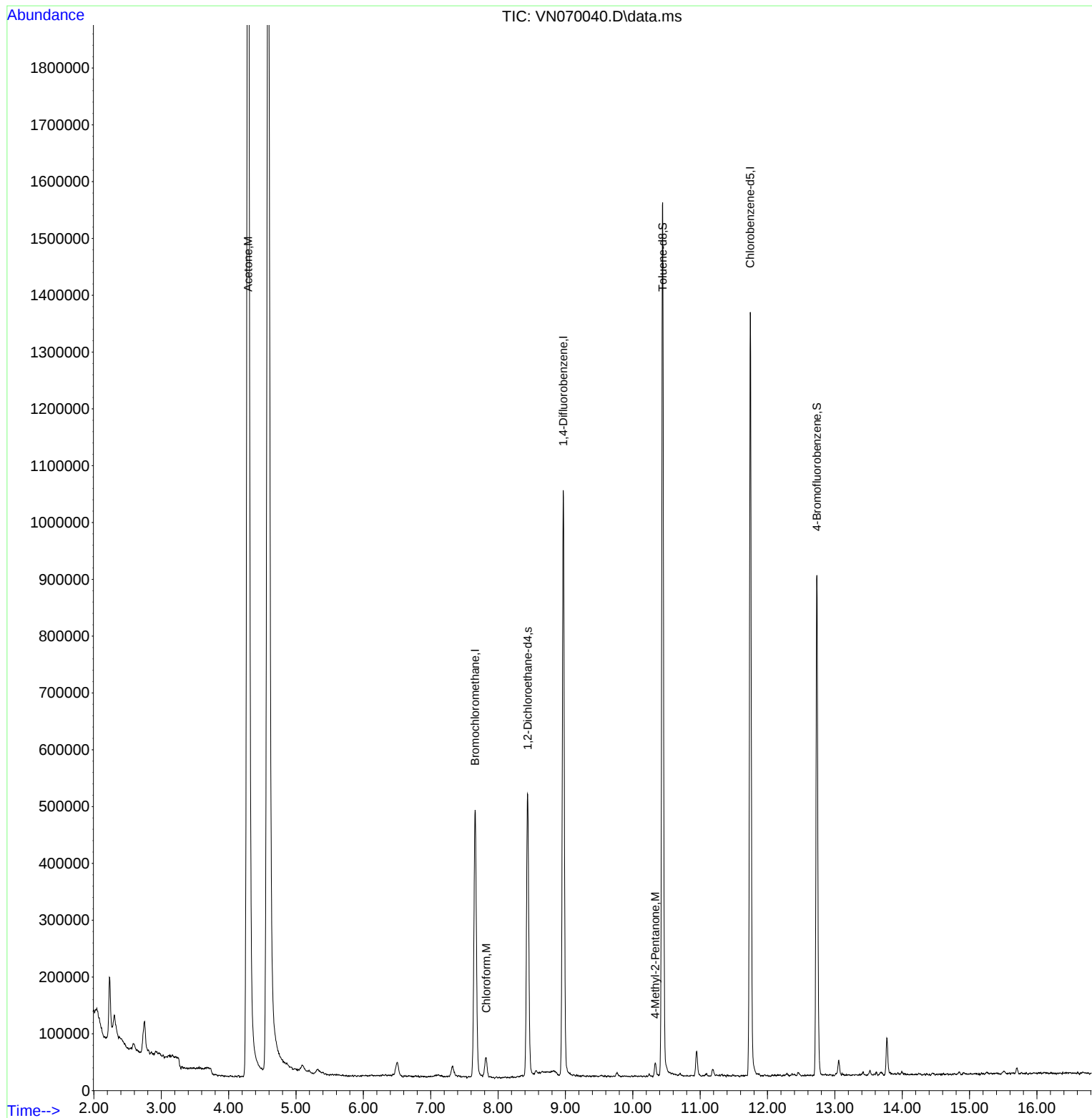
Internal Standards						
1) Bromochloromethane	7.659	128	159902	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	841932	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.744	117	749009	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	434761	30.681	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	= 102.267%		
60) 4-Bromofluorobenzene	12.734	95	309085	25.078	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	= 83.600%		
63) Toluene-d8	10.443	98	1038467	30.002	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	= 100.000%		
Target Compounds						
						Qvalue
15) Acetone	4.291	58	1318697	560.138	ug/l	76
25) Chloroform	7.823	83	34399	1.672	ug/l	93
58) 4-Methyl-2-Pentanone	10.336	43	18486	1.075	ug/l	# 88

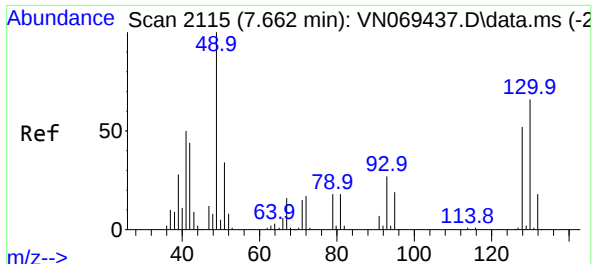
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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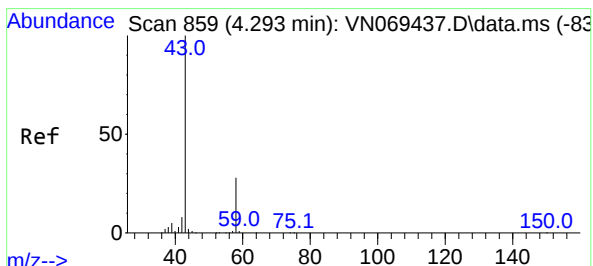
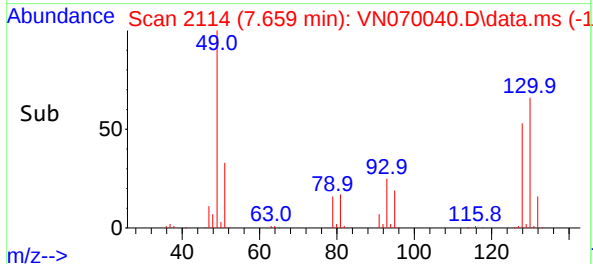
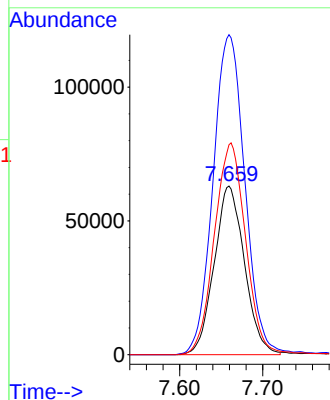
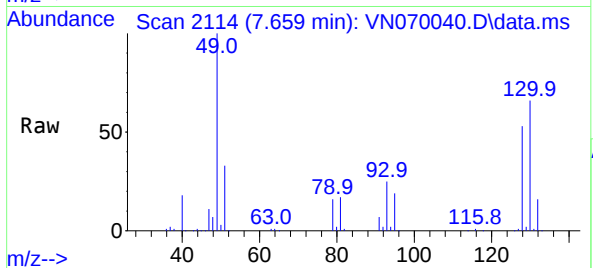




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2115
Delta R.T. 0.002 min
Lab File: VN070040.D
Acq: 13 Dec 2021 18:36

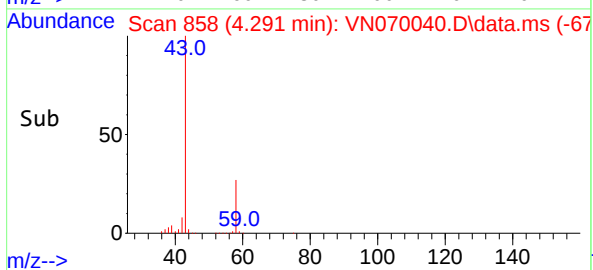
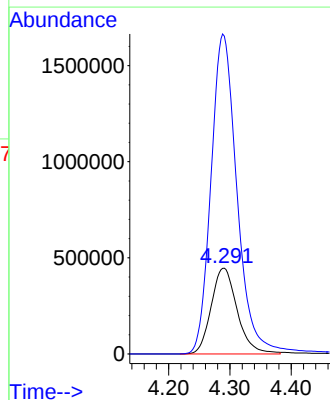
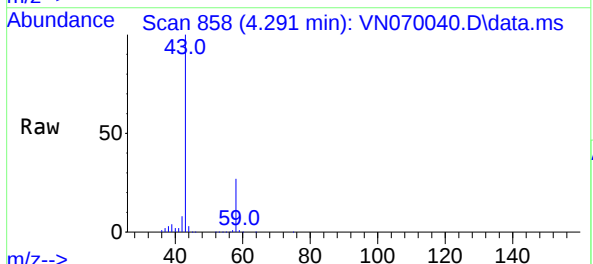
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

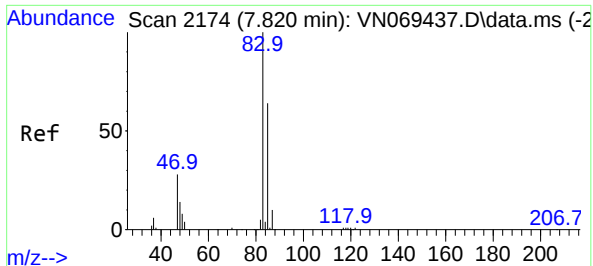
Tgt Ion:128 Resp: 159902
Ion Ratio Lower Upper
128 100
49 198.8 0.0 392.3
130 129.6 0.0 320.2



#15
Acetone
Concen: 560.138 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.005 min
Lab File: VN070040.D
Acq: 13 Dec 2021 18:36

Tgt Ion: 58 Resp: 1318697
Ion Ratio Lower Upper
58 100
43 370.7 256.6 384.8





#25

Chloroform

Concen: 1.672 ug/l

RT: 7.823 min Scan# 2174

Delta R.T. 0.005 min

Lab File: VN070040.D

Acq: 13 Dec 2021 18:36

Instrument :

MSVOA_N

ClientSampleId :

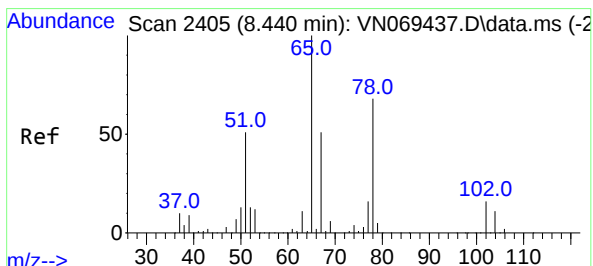
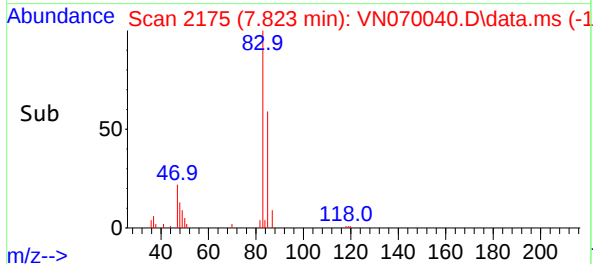
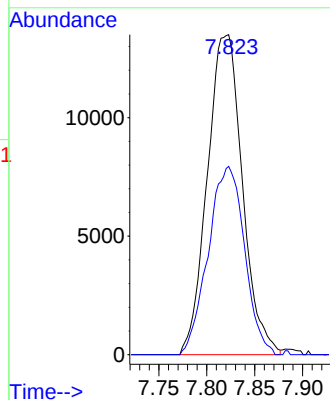
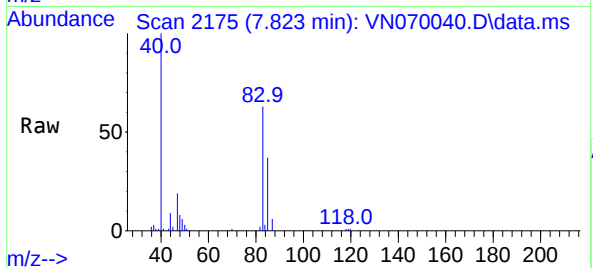
EFF-WW

Tgt Ion: 83 Resp: 34399

Ion Ratio Lower Upper

83 100

85 58.9 51.3 76.9



#27

1,2-Dichloroethane-d4

Concen: 30.681 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN070040.D

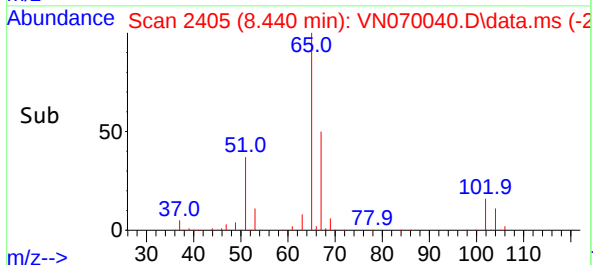
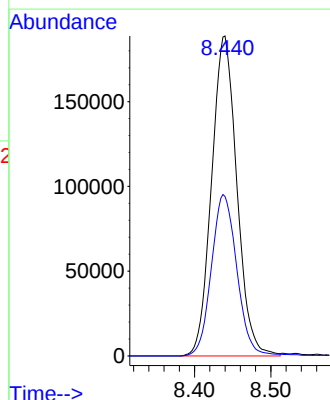
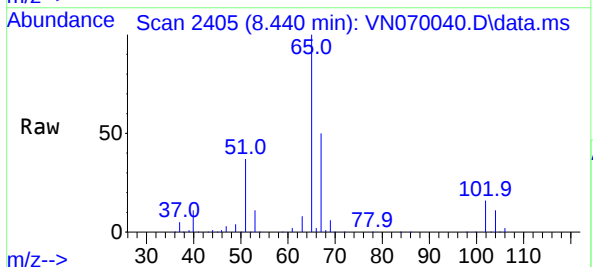
Acq: 13 Dec 2021 18:36

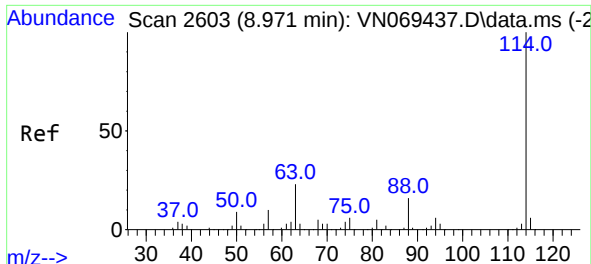
Tgt Ion: 65 Resp: 434761

Ion Ratio Lower Upper

65 100

67 50.6 40.2 60.2

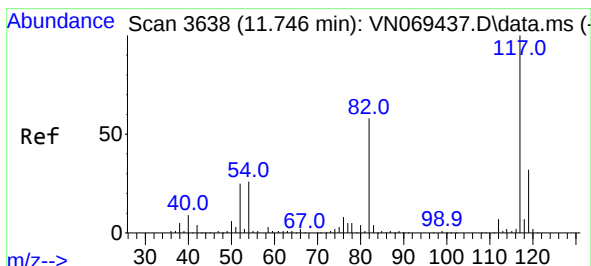
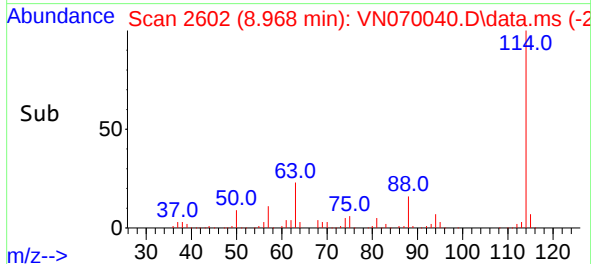
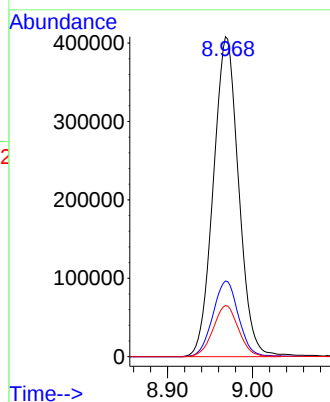
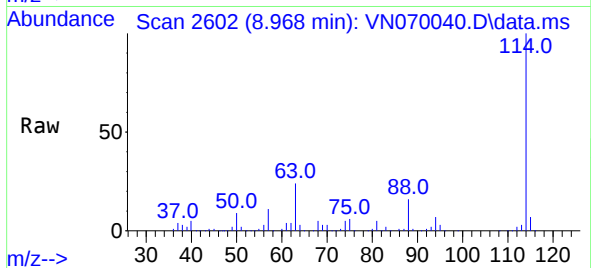




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070040.D
Acq: 13 Dec 2021 18:36

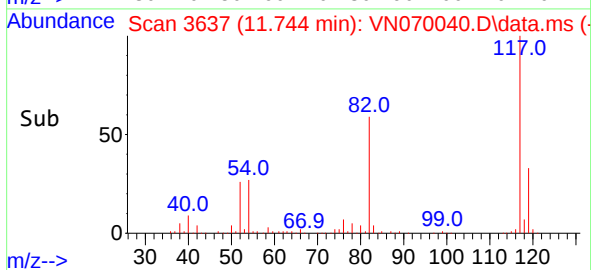
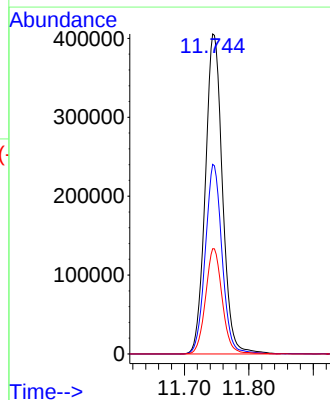
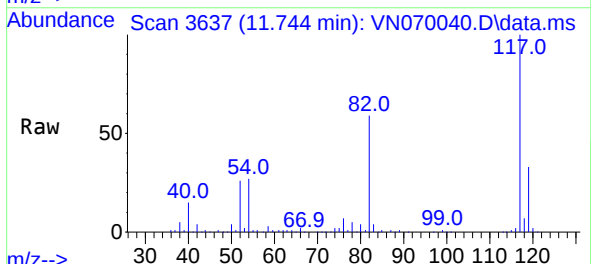
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

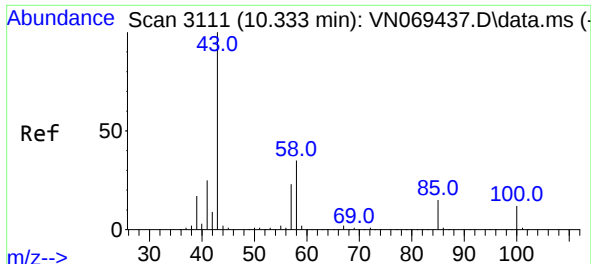
Tgt Ion:114 Resp: 841932
Ion Ratio Lower Upper
114 100
63 24.2 15.8 23.6#
88 16.0 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.000 min
Lab File: VN070040.D
Acq: 13 Dec 2021 18:36

Tgt Ion:117 Resp: 749009
Ion Ratio Lower Upper
117 100
82 58.2 43.6 65.4
119 31.8 25.8 38.6

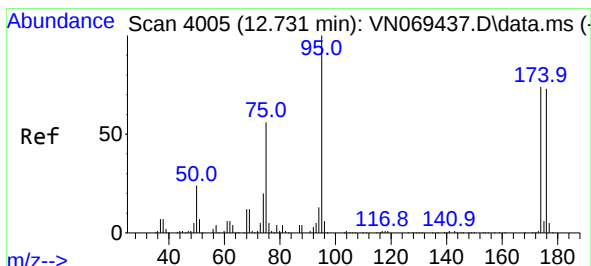
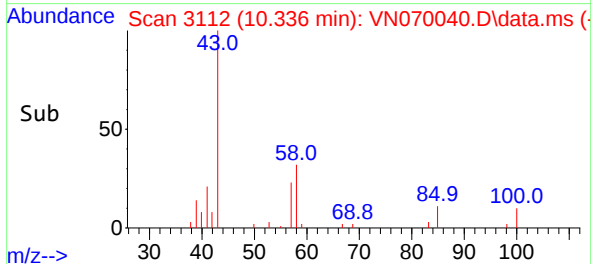
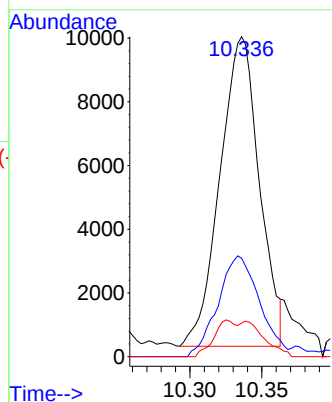
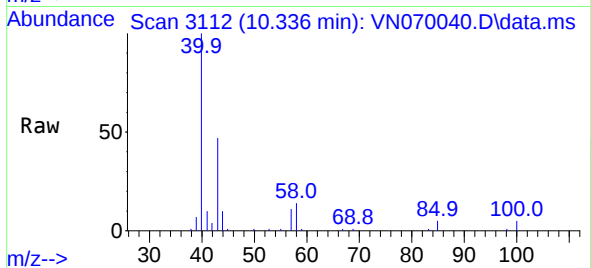




#58
4-Methyl-2-Pentanone
Concen: 1.075 ug/l
RT: 10.336 min Scan# 3111
Delta R.T. 0.005 min
Lab File: VN070040.D
Acq: 13 Dec 2021 18:36

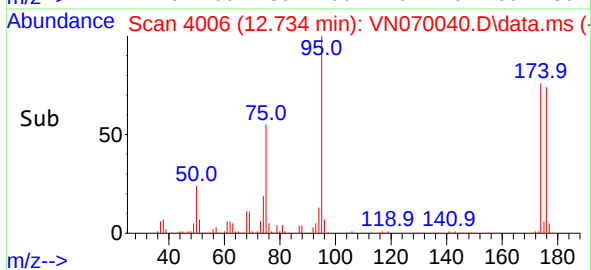
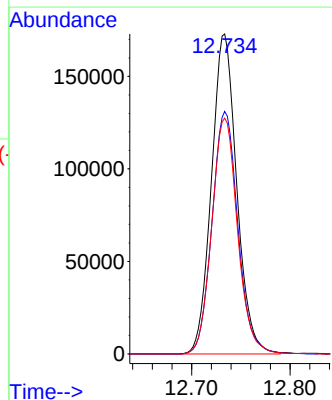
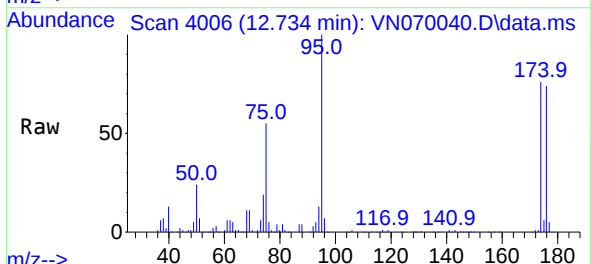
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

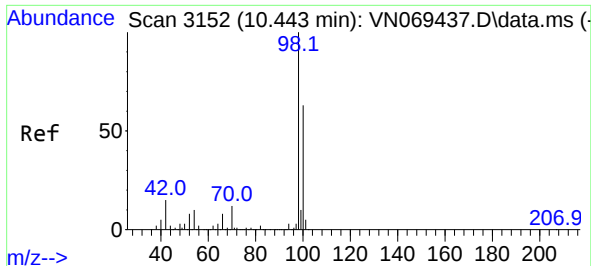
Tgt Ion: 43 Resp: 18486
Ion Ratio Lower Upper
43 100
58 34.3 30.0 45.0
85 6.9 15.0 22.6#



#60
4-Bromofluorobenzene
Concen: 25.078 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070040.D
Acq: 13 Dec 2021 18:36

Tgt Ion: 95 Resp: 309085
Ion Ratio Lower Upper
95 100
174 77.4 62.9 94.3
176 75.2 61.0 91.4





#63
Toluene-d8
Concen: 30.002 ug/l
RT: 10.443 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070040.D
Acq: 13 Dec 2021 18:36

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 98 Resp: 1038467
Ion Ratio Lower Upper
98 100
100 63.9 50.6 76.0

