

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070156.D
 Acq On : 17 Dec 2021 11:32
 Operator : JC/MD
 Sample : VN1217WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBL01

Quant Time: Dec 18 05:29:19 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	216539	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	1238840	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	1070319	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	601755	31.358	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.533%
60) 4-Bromofluorobenzene	12.733	95	441955	25.094	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.633%
63) Toluene-d8	10.443	98	1520261	30.736	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.467%

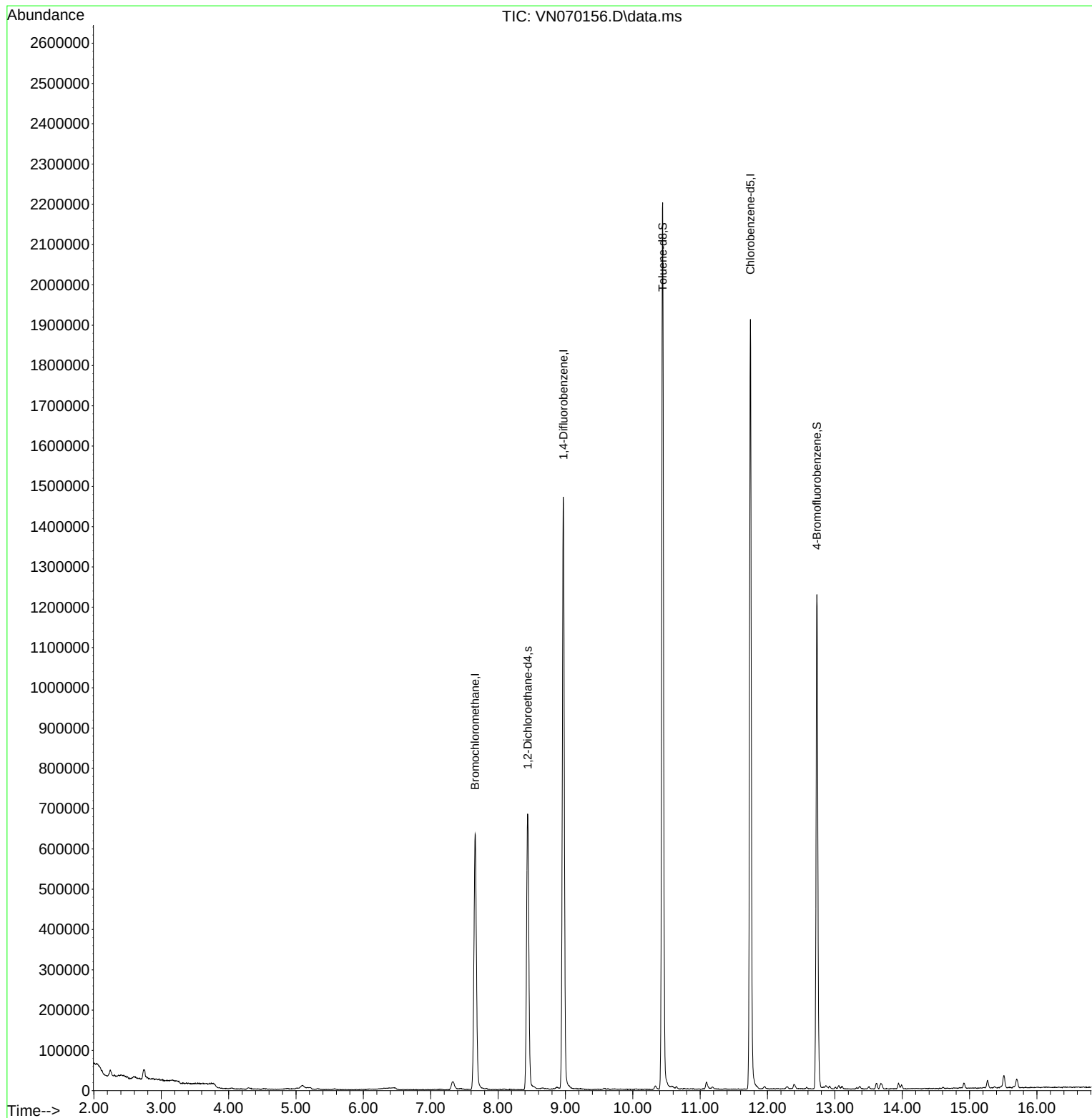
Target Compounds	Qvalue

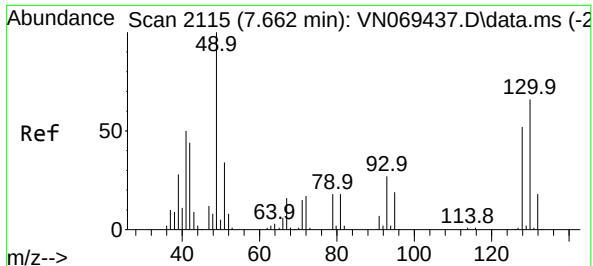
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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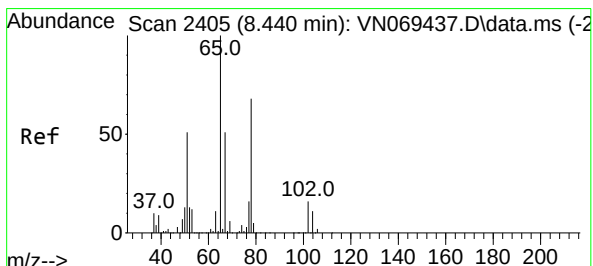
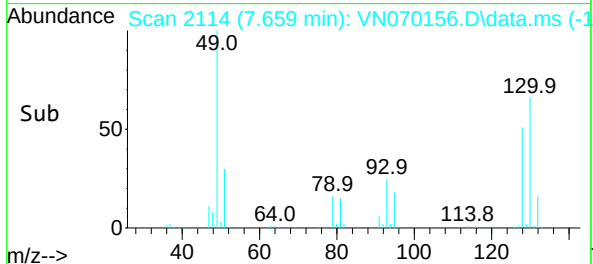
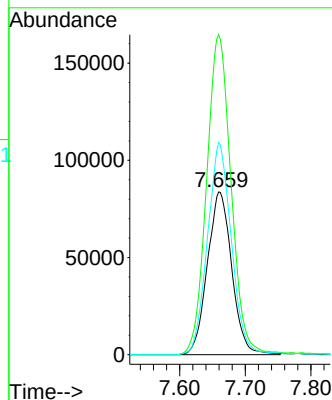
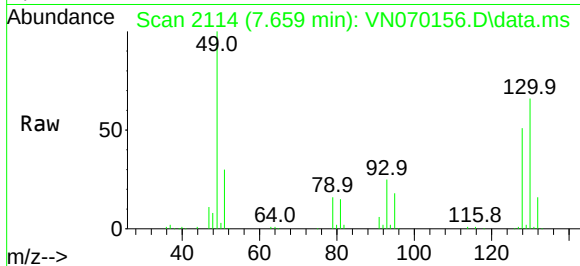




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2115
Delta R.T. 0.002 min
Lab File: VN070156.D
Acq: 17 Dec 2021 11:32

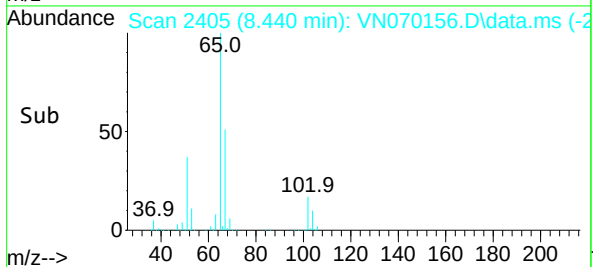
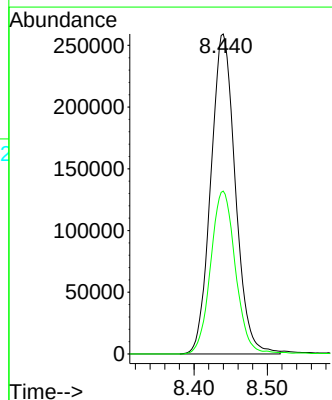
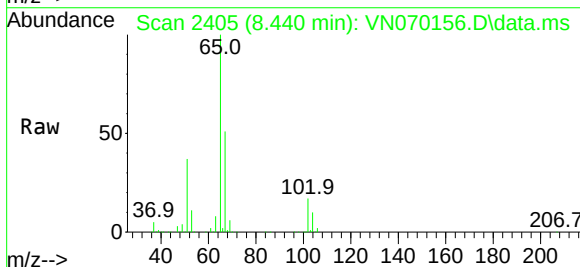
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBL01

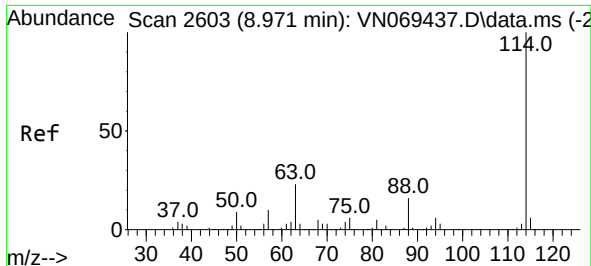
Tgt Ion:128 Resp: 216539
Ion Ratio Lower Upper
128 100
49 196.4 0.0 392.3
130 127.2 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.358 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN070156.D
Acq: 17 Dec 2021 11:32

Tgt Ion: 65 Resp: 601755
Ion Ratio Lower Upper
65 100
67 51.1 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN070156.D

Acq: 17 Dec 2021 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBL01

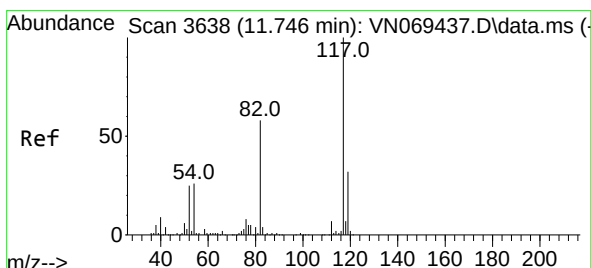
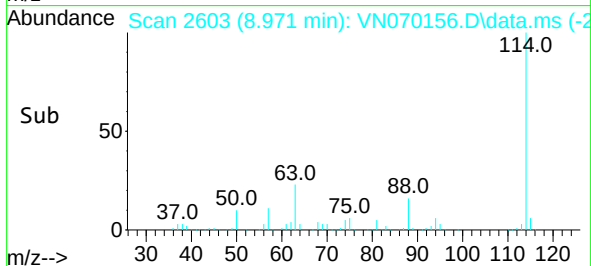
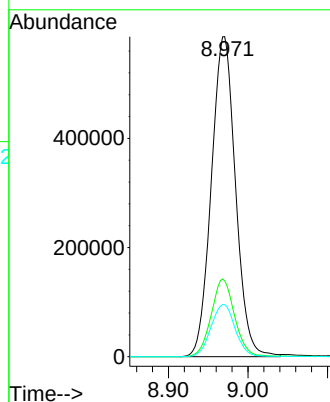
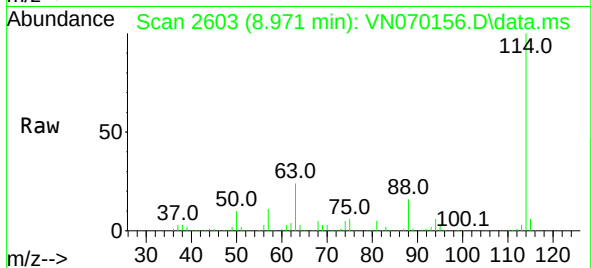
Tgt Ion:114 Resp: 1238840

Ion Ratio Lower Upper

114 100

63 23.5 15.8 23.6

88 16.4 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.003 min

Lab File: VN070156.D

Acq: 17 Dec 2021 11:32

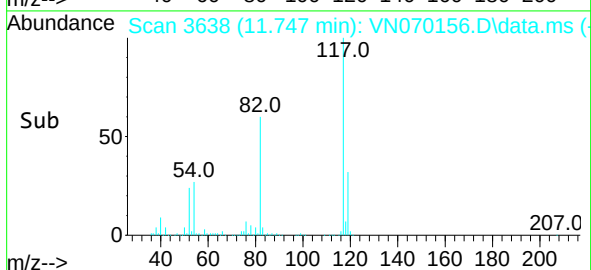
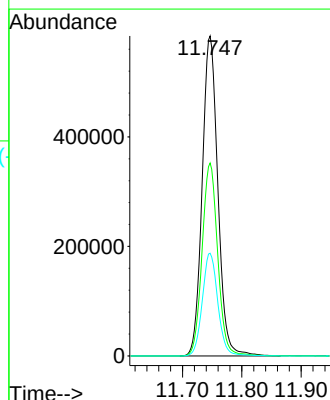
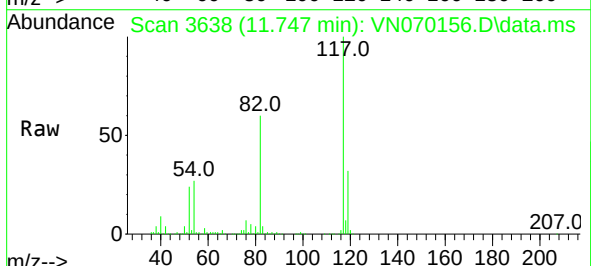
Tgt Ion:117 Resp: 1070319

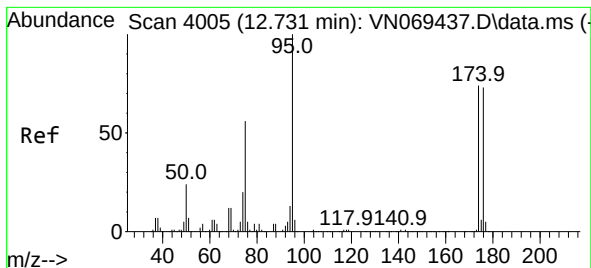
Ion Ratio Lower Upper

117 100

82 60.2 43.6 65.4

119 31.8 25.8 38.6





#60

4-Bromofluorobenzene

Concen: 25.094 ug/l

RT: 12.733 min Scan# 4005

Delta R.T. 0.003 min

Lab File: VN070156.D

Acq: 17 Dec 2021 11:32

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBL01

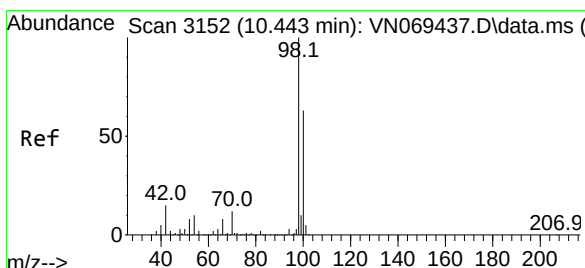
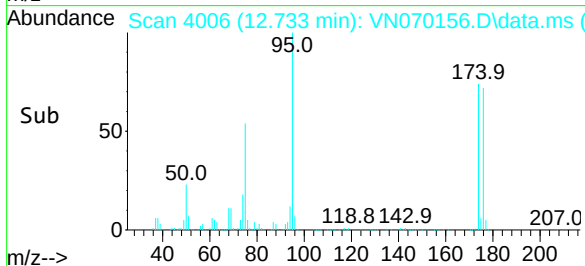
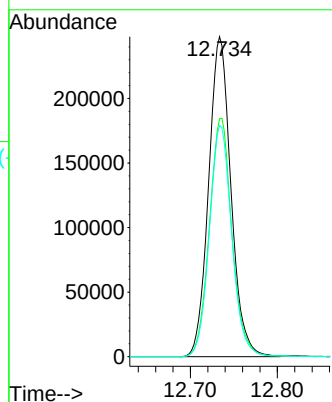
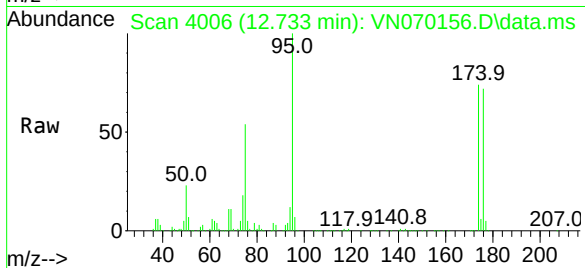
Tgt Ion: 95 Resp: 441955

Ion Ratio Lower Upper

95 100

174 75.2 62.9 94.3

176 72.1 61.0 91.4



#63

Toluene-d8

Concen: 30.736 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VN070156.D

Acq: 17 Dec 2021 11:32

Tgt Ion: 98 Resp: 1520261

Ion Ratio Lower Upper

98 100

100 63.9 50.6 76.0

