

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070158.D
 Acq On : 17 Dec 2021 12:31
 Operator : JC/MD
 Sample : M5131-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 211215004-02-TRIP-BLANK

Quant Time: Dec 18 05:29:29 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	215140	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1208687	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	1052317	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	591073	31.002	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.333%
60) 4-Bromofluorobenzene	12.734	95	437604	25.272	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.233%
63) Toluene-d8	10.443	98	1483554	30.507	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.700%

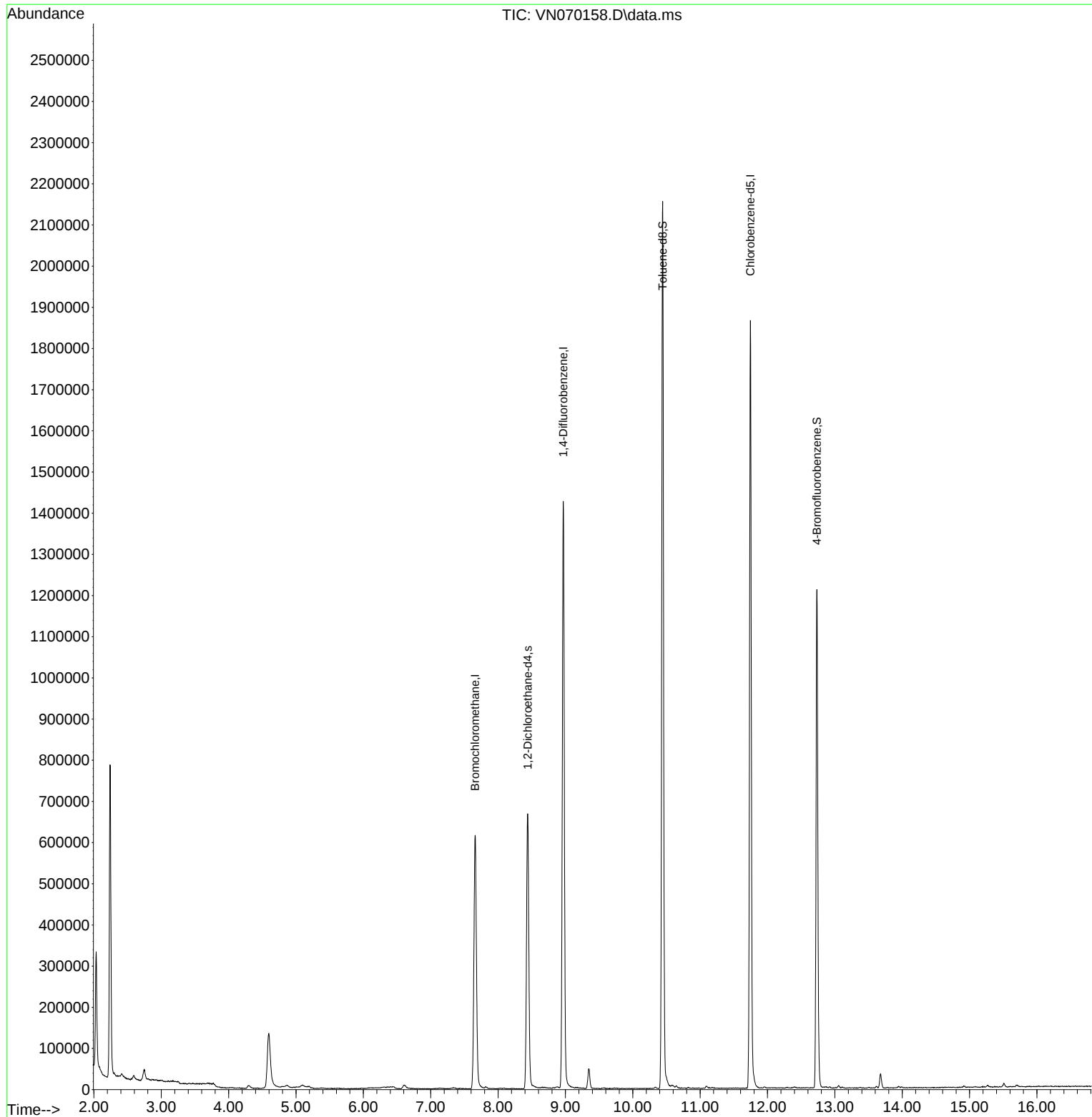
Target Compounds	Qvalue

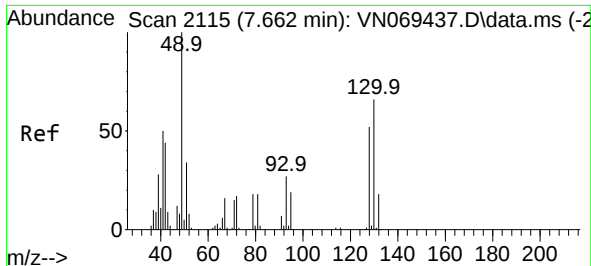
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070158.D
Acq On : 17 Dec 2021 12:31
Operator : JC/MD
Sample : M5131-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
211215004-02-TRIP-BLANK

Quant Time: Dec 18 05:29:29 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

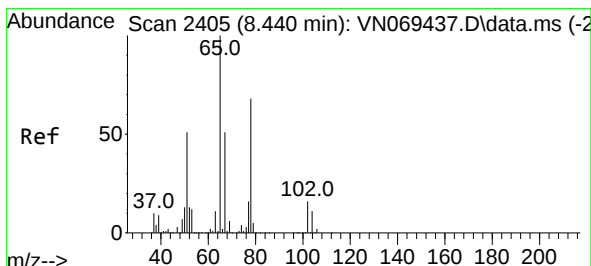
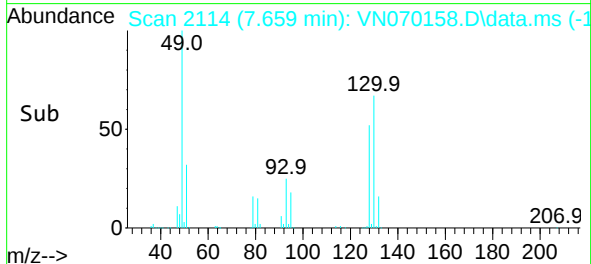
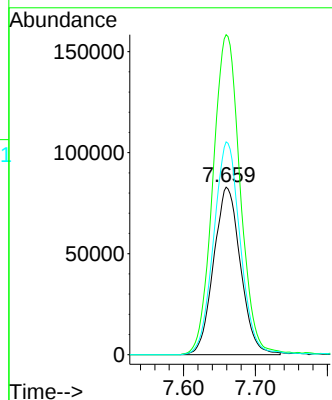
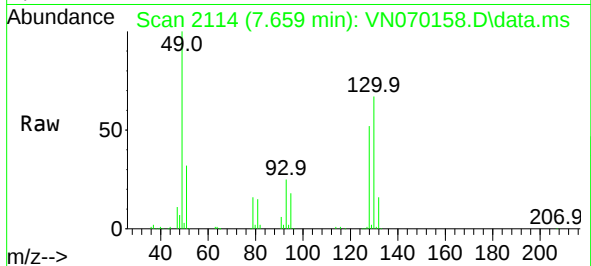




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2115
Delta R.T. 0.002 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

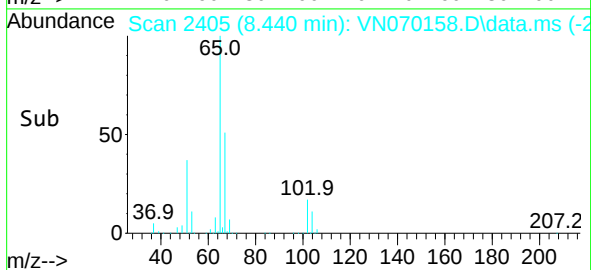
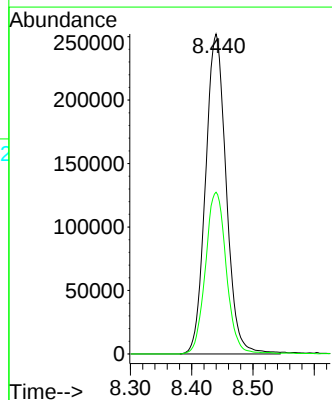
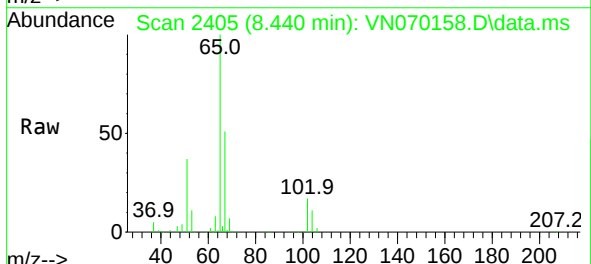
Instrument :
MSVOA_N
ClientSampleId :
211215004-02-TRIP-BLANK

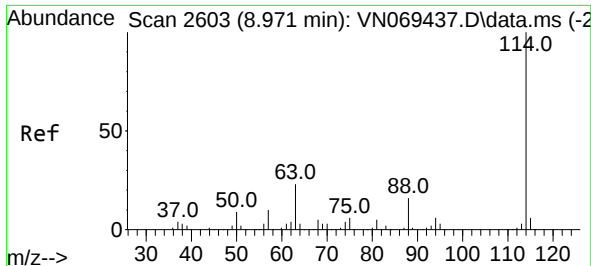
Tgt Ion:128 Resp: 215140
Ion Ratio Lower Upper
128 100
49 193.3 0.0 392.3
130 126.0 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.002 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

Tgt Ion: 65 Resp: 591073
Ion Ratio Lower Upper
65 100
67 50.9 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070158.D

Acq: 17 Dec 2021 12:31

Instrument :

MSVOA_N

ClientSampleId :

211215004-02-TRIP-BLANK

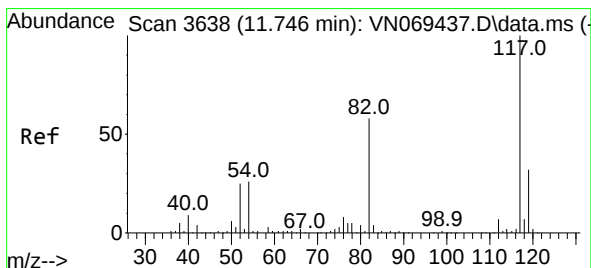
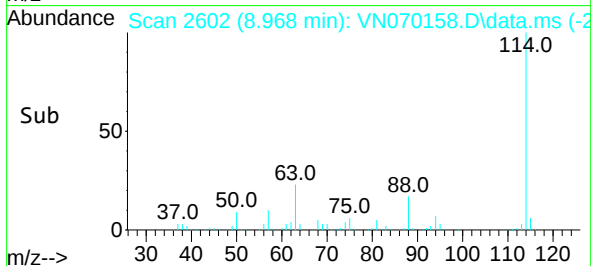
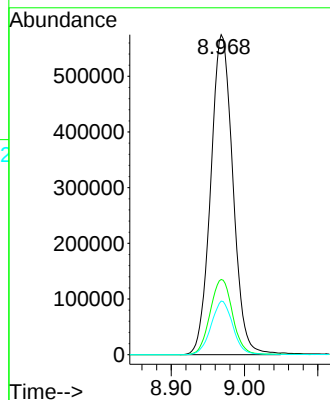
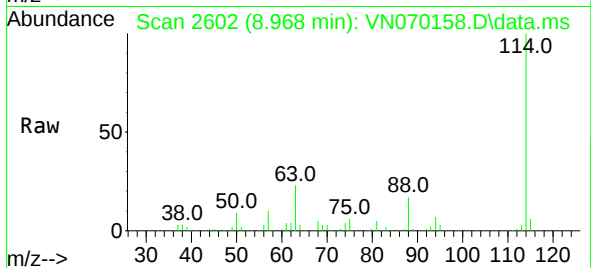
Tgt Ion:114 Resp: 1208687

Ion Ratio Lower Upper

114 100

63 23.8 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: VN070158.D

Acq: 17 Dec 2021 12:31

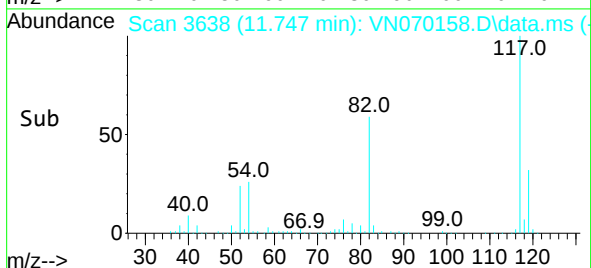
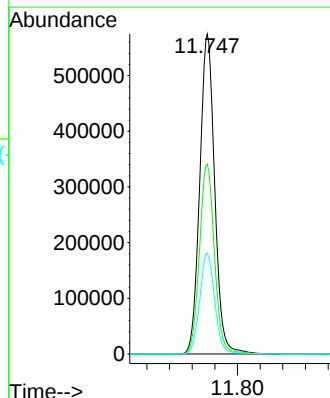
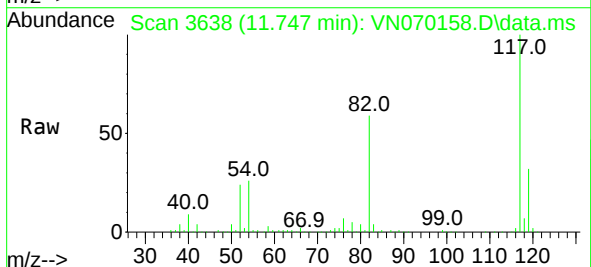
Tgt Ion:117 Resp: 1052317

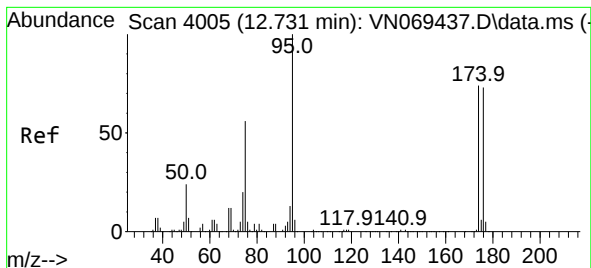
Ion Ratio Lower Upper

117 100

82 59.7 43.6 65.4

119 31.7 25.8 38.6





#60

4-Bromofluorobenzene

Concen: 25.272 ug/l

RT: 12.734 min Scan# 4005

Delta R.T. 0.003 min

Lab File: VN070158.D

Acq: 17 Dec 2021 12:31

Instrument :

MSVOA_N

ClientSampleId :

211215004-02-TRIP-BLANK

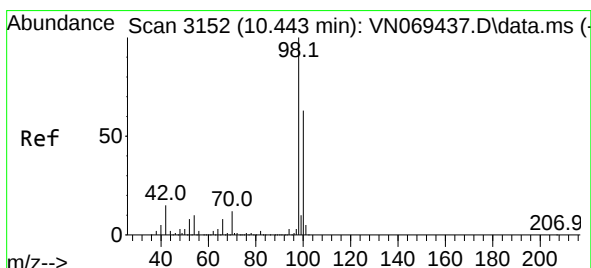
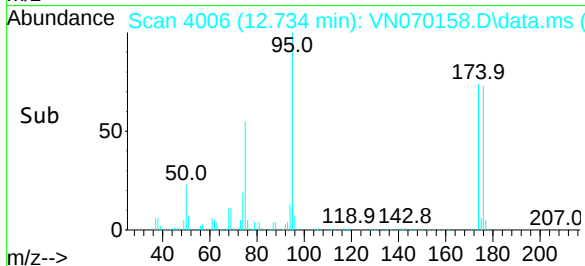
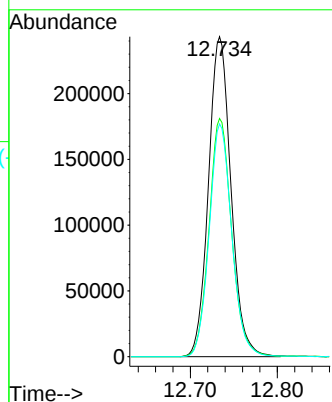
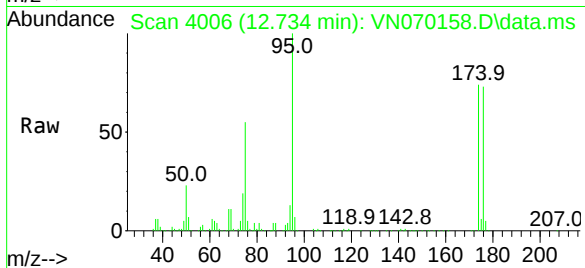
Tgt Ion: 95 Resp: 437604

Ion Ratio Lower Upper

95 100

174 75.1 62.9 94.3

176 72.9 61.0 91.4



#63

Toluene-d8

Concen: 30.507 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VN070158.D

Acq: 17 Dec 2021 12:31

Tgt Ion: 98 Resp: 1483554

Ion Ratio Lower Upper

98 100

100 63.7 50.6 76.0

