

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072661.D
 Acq On : 06 Jun 2022 12:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 06 15:02:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	40065	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	243220	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	199208	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	141848	31.044	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.467%
60) 4-Bromofluorobenzene	12.727	95	104706	25.555	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.200%
63) Toluene-d8	10.439	98	357619	32.407	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	108.033%

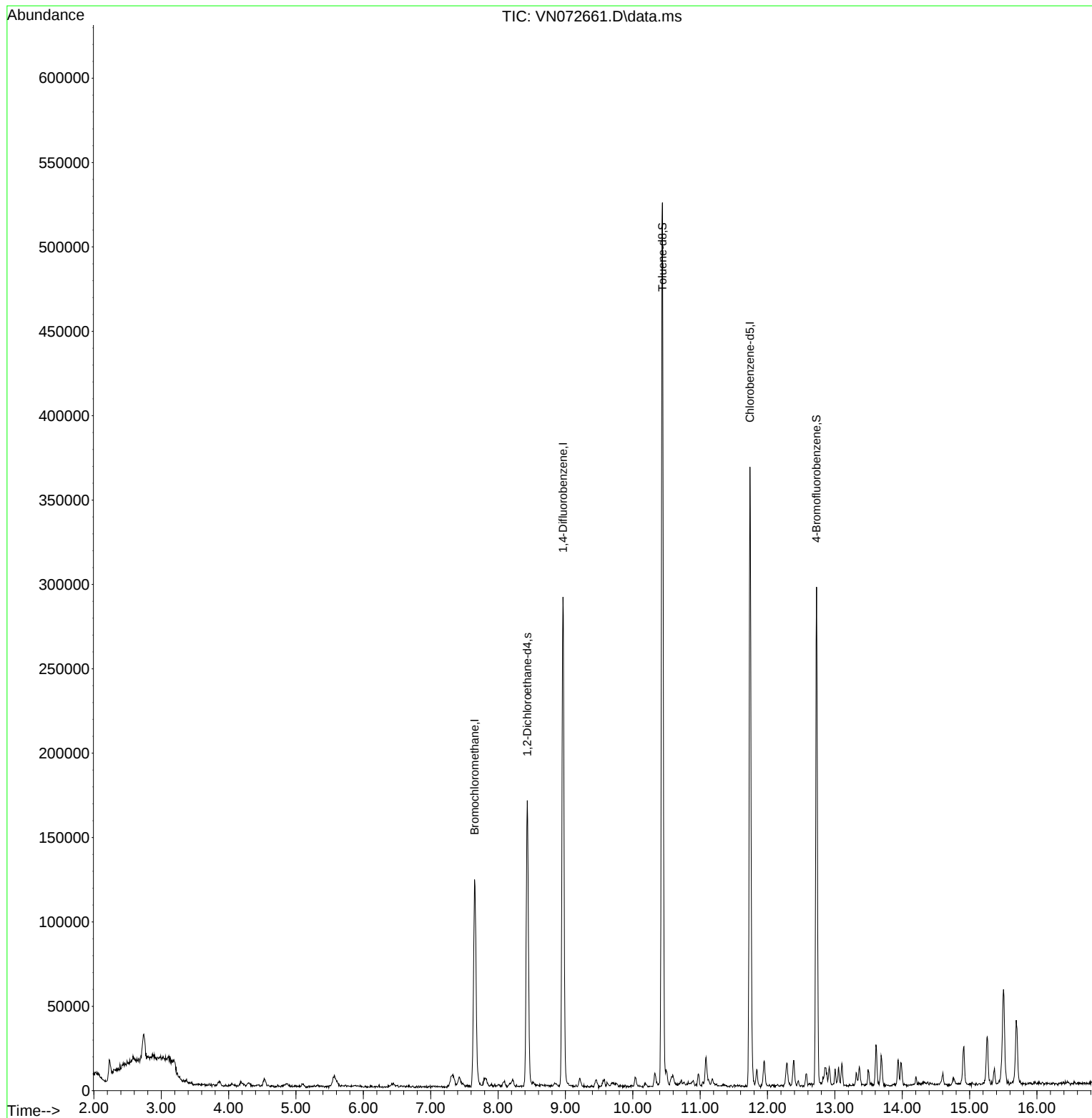
Target Compounds	Qvalue

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

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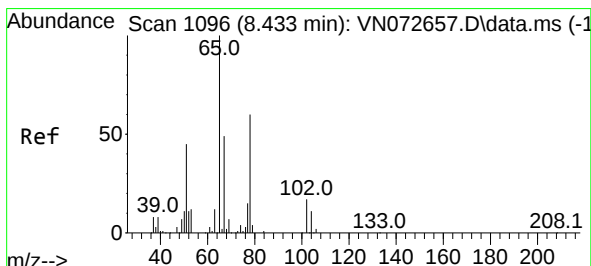
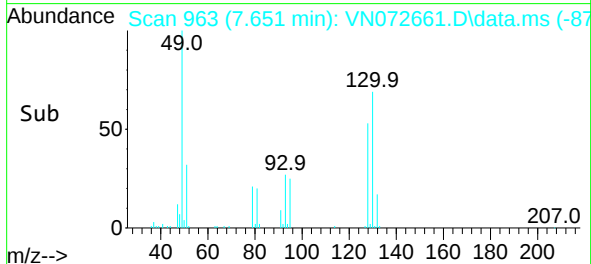
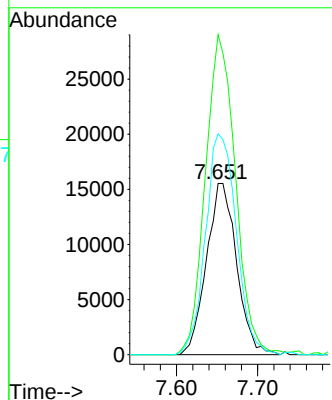
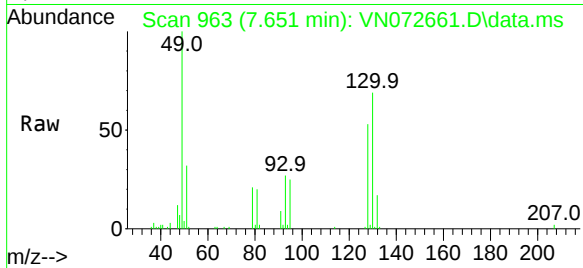




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072661.D
Acq: 06 Jun 2022 12:54

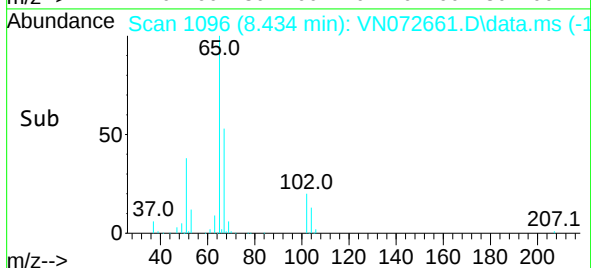
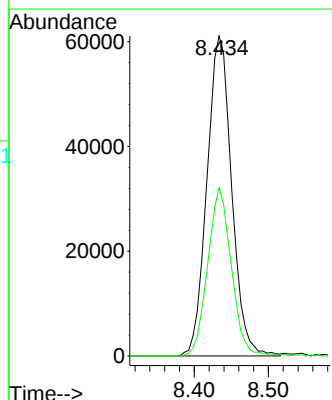
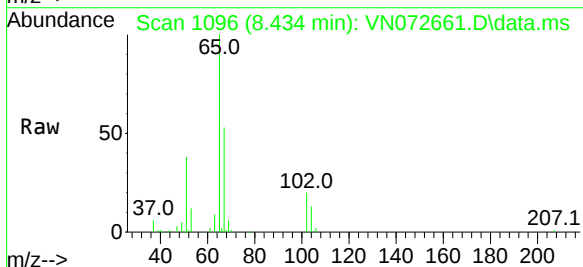
Instrument :
MSVOA_N
ClientSampleId :
IBLK

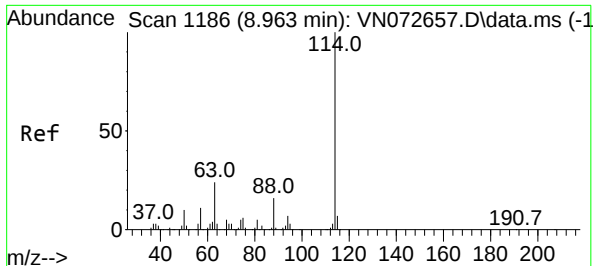
Tgt Ion:128 Resp: 40065
Ion Ratio Lower Upper
128 100
49 186.2 0.0 392.3
130 132.1 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.044 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072661.D
Acq: 06 Jun 2022 12:54

Tgt Ion: 65 Resp: 141848
Ion Ratio Lower Upper
65 100
67 50.1 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072661.D

Acq: 06 Jun 2022 12:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

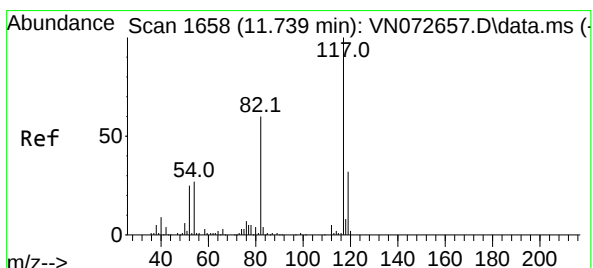
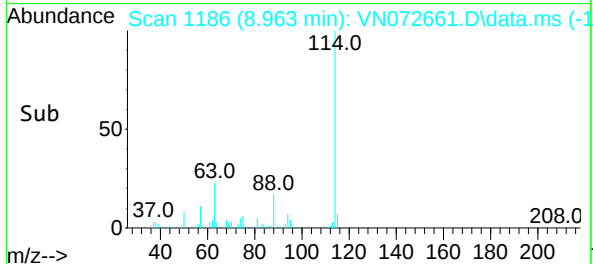
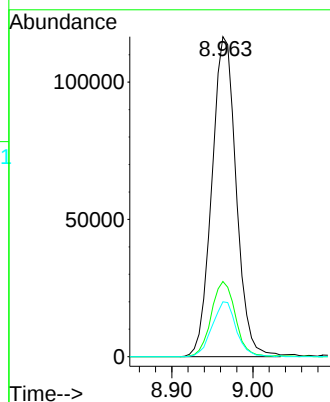
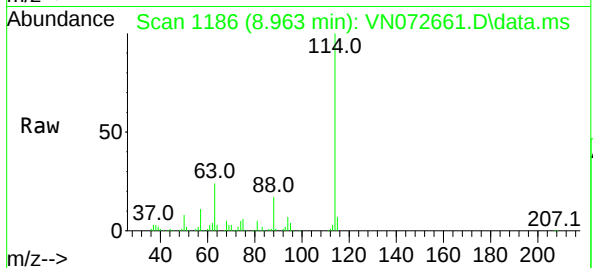
Tgt Ion:114 Resp: 243220

Ion Ratio Lower Upper

114 100

63 23.2 15.8 23.6

88 17.0 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN072661.D

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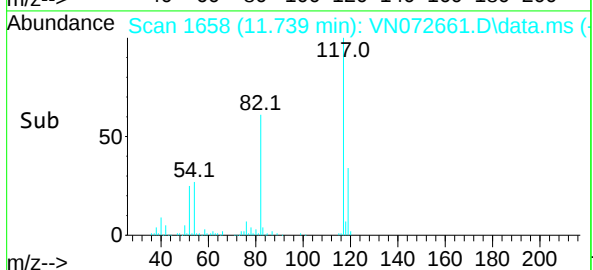
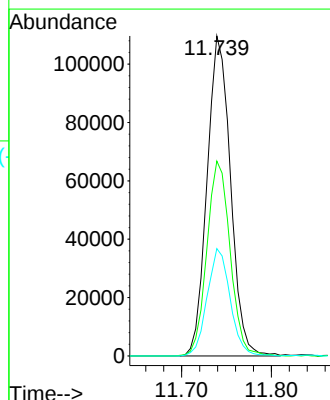
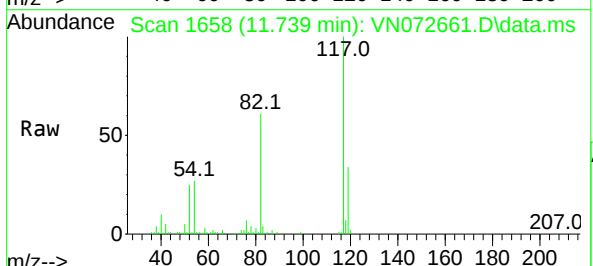
Tgt Ion:117 Resp: 199208

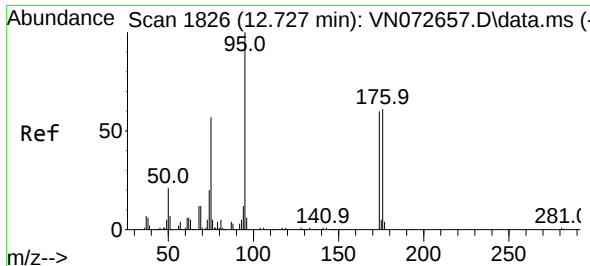
Ion Ratio Lower Upper

117 100

82 60.4 43.6 65.4

119 32.9 25.8 38.6

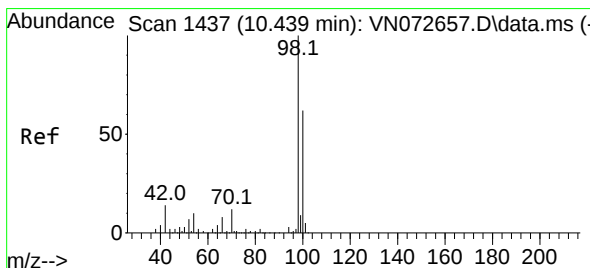
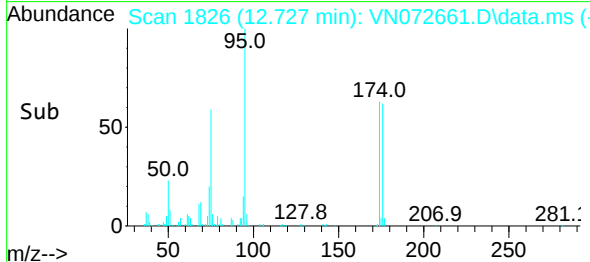
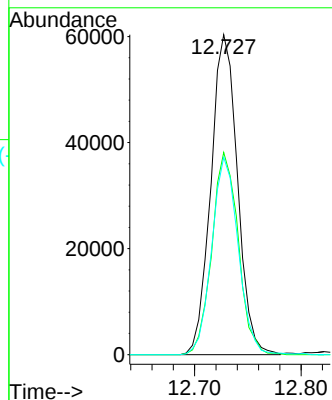
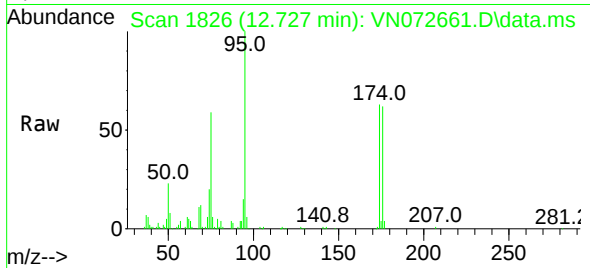




#60
4-Bromofluorobenzene
Concen: 25.555 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072661.D
Acq: 06 Jun 2022 12:54

Instrument :
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IBLK

Tgt Ion: 95 Resp: 104706
Ion Ratio Lower Upper
95 100
174 62.6 62.9 94.3#
176 61.5 61.0 91.4



#63
Toluene-d8
Concen: 32.407 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072661.D
Acq: 06 Jun 2022 12:54

Tgt Ion: 98 Resp: 357619
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0

