

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072679.D
 Acq On : 07 Jun 2022 11:18
 Operator : JC\MD
 Sample : VN0607WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBL01

Quant Time: Jun 08 09:50:22 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	7.657	128	45211	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	280117	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	220827	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	160806	31.187	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.967%
60) 4-Bromofluorobenzene	12.727	95	112918	24.861	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.867%
63) Toluene-d8	10.439	98	407332	33.298	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	111.000%

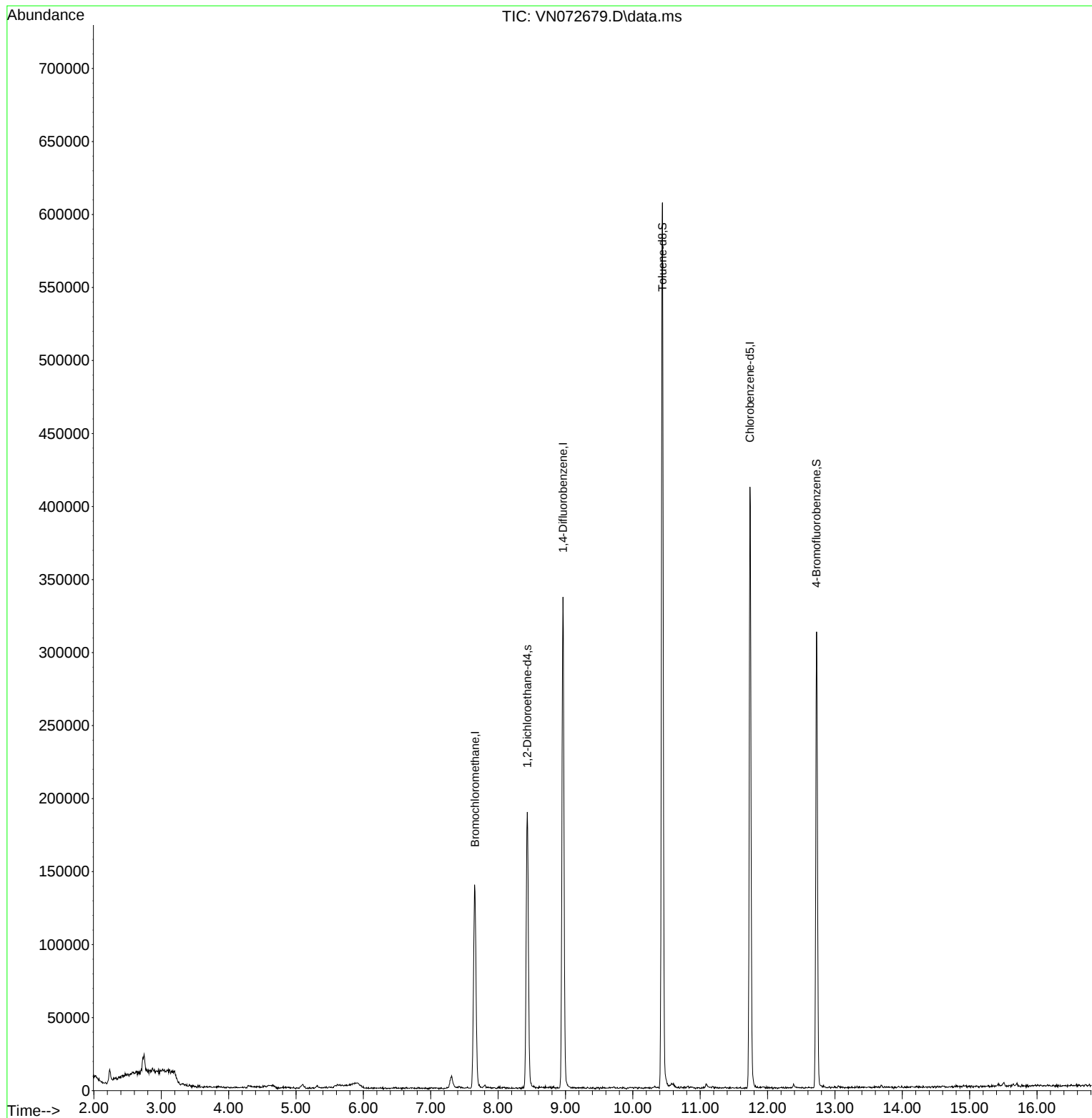
Target Compounds	Qvalue

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

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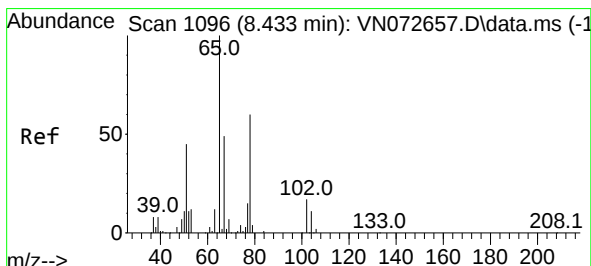
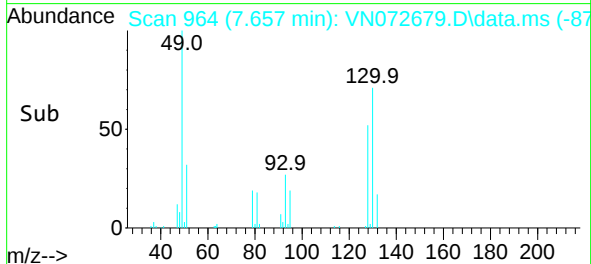
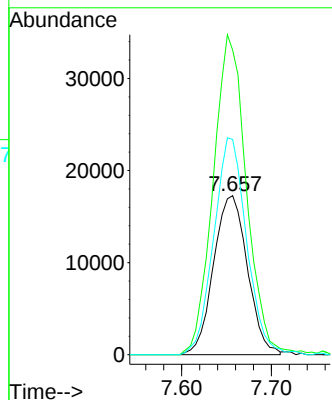
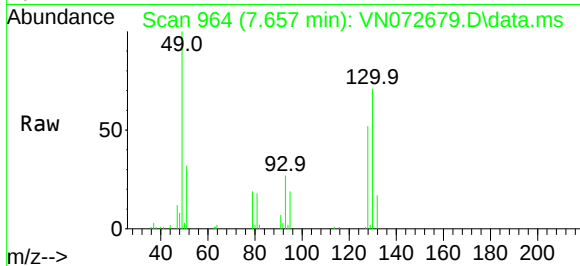




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

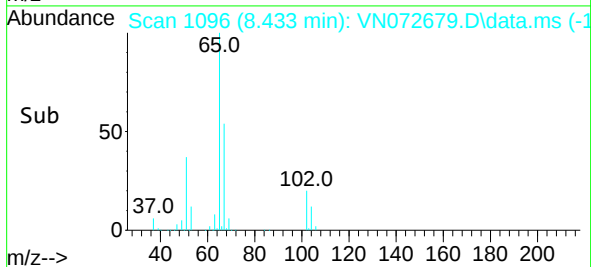
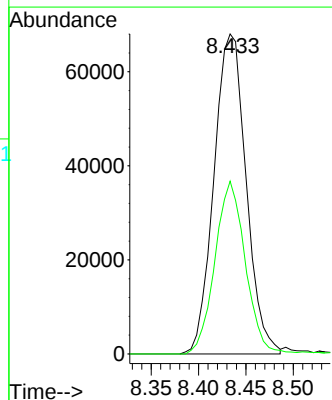
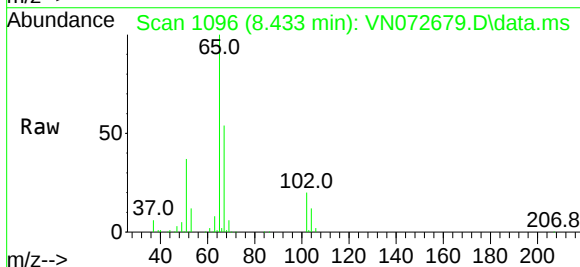
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBL01

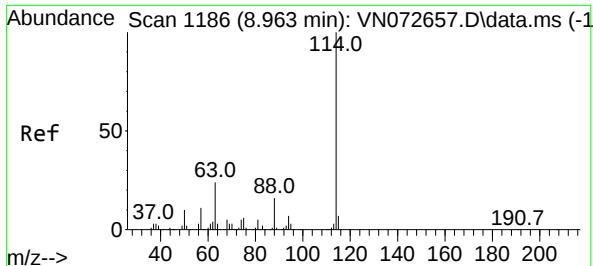
Tgt Ion:128 Resp: 45211
Ion Ratio Lower Upper
128 100
49 197.9 0.0 392.3
130 132.3 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.187 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

Tgt Ion: 65 Resp: 160806
Ion Ratio Lower Upper
65 100
67 50.9 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: VN072679.D

Acq: 07 Jun 2022 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0607WBL01

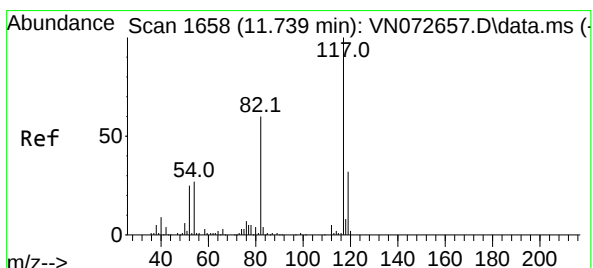
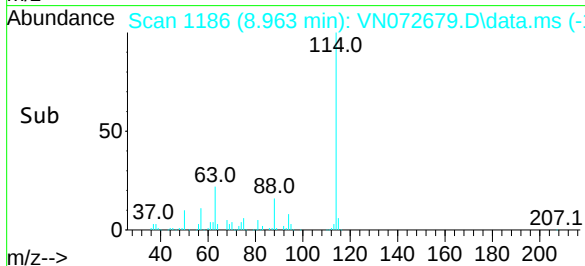
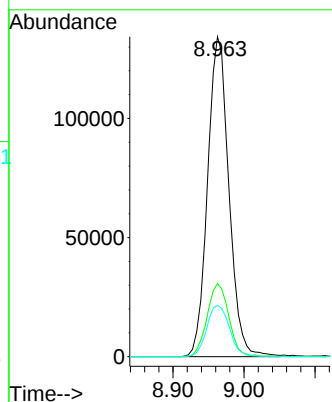
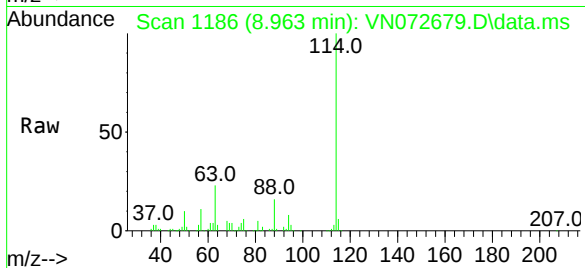
Tgt Ion:114 Resp: 280117

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: VN072679.D

Acq: 07 Jun 2022 11:18

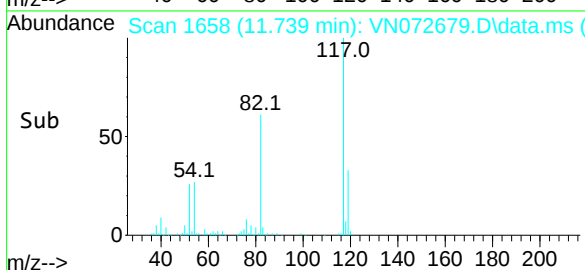
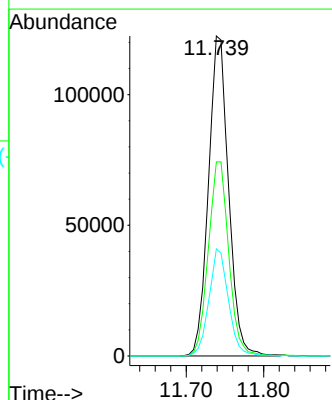
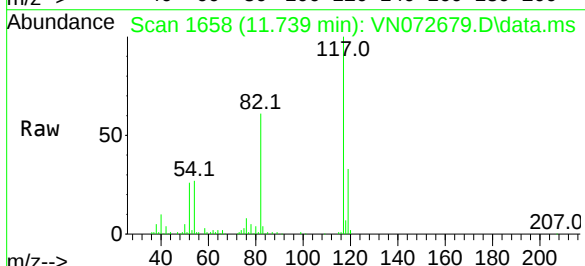
Tgt Ion:117 Resp: 220827

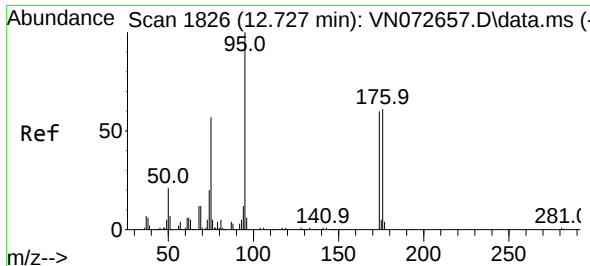
Ion Ratio Lower Upper

117 100

82 61.7 43.6 65.4

119 32.3 25.8 38.6

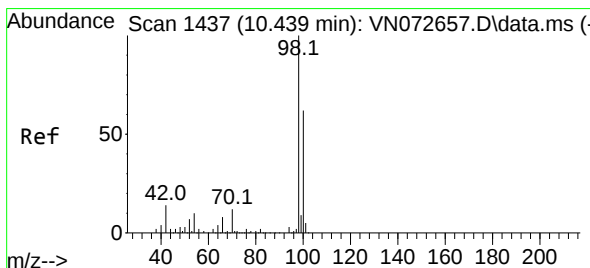
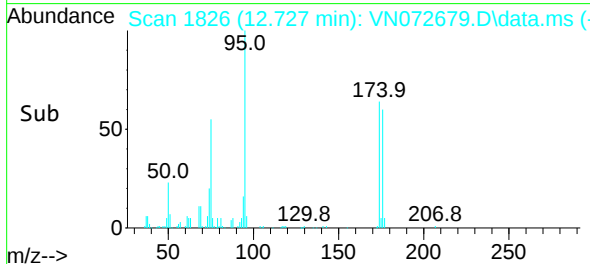
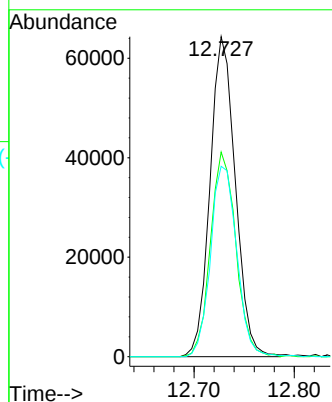
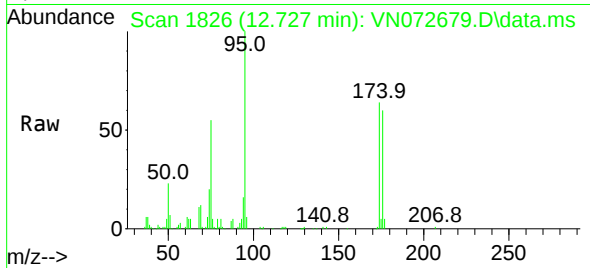




#60
4-Bromofluorobenzene
Concen: 24.861 ug/l
RT: 12.727 min Scan# 112918
Delta R.T. -0.000 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN0607WBL01

Tgt Ion: 95 Resp: 112918
Ion Ratio Lower Upper
95 100
174 64.1 62.9 94.3
176 61.7 61.0 91.4



#63
Toluene-d8
Concen: 33.298 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

Tgt Ion: 98 Resp: 407332
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

