

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072634.D
 Acq On : 26 May 2022 16:20
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 27 05:32:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	21137	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	114973	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.745	117	130000	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	72849	36.018	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	120.067%#
60) 4-Bromofluorobenzene	12.727	95	63804	27.947	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.167%
63) Toluene-d8	10.439	98	174236	23.572	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	78.567%#

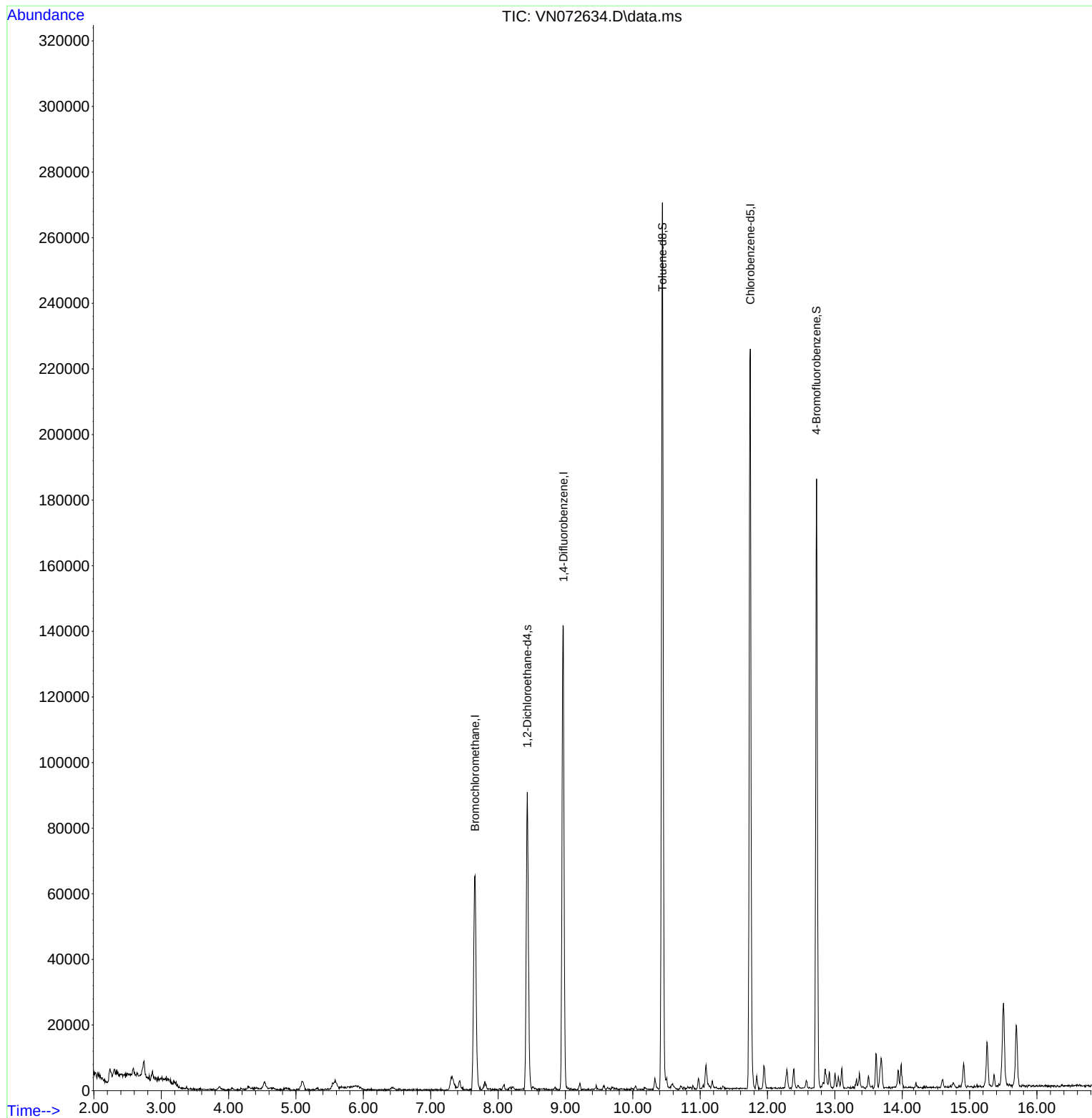
Target Compounds	Qvalue

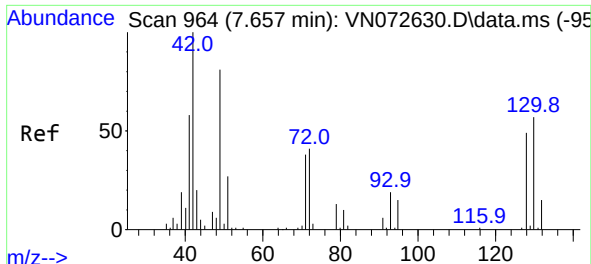
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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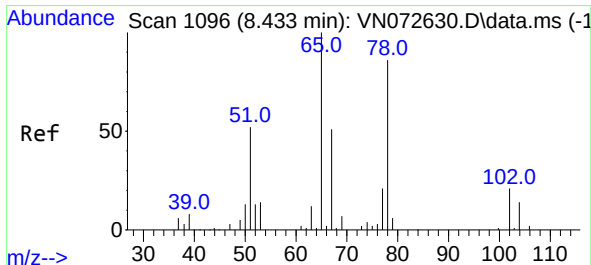
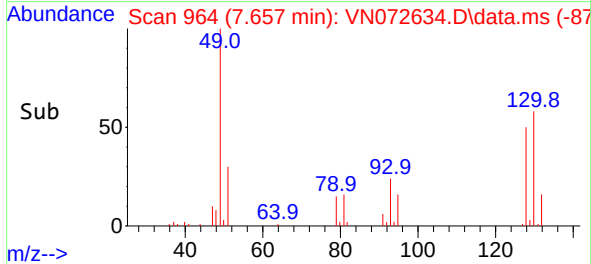
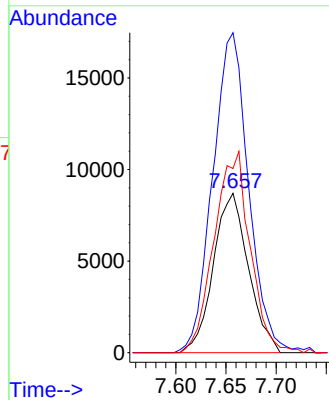
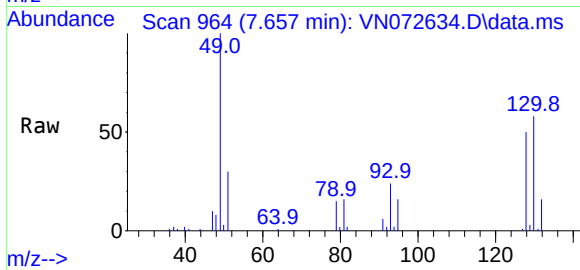




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072634.D
Acq: 26 May 2022 16:20

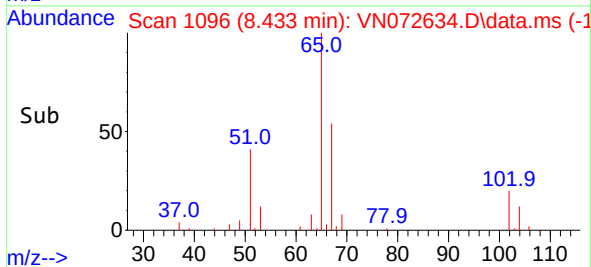
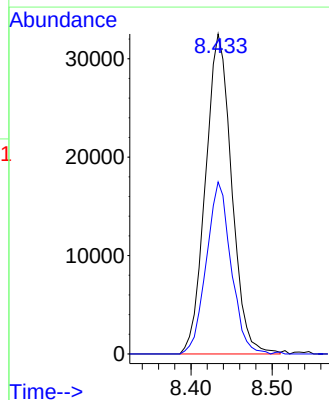
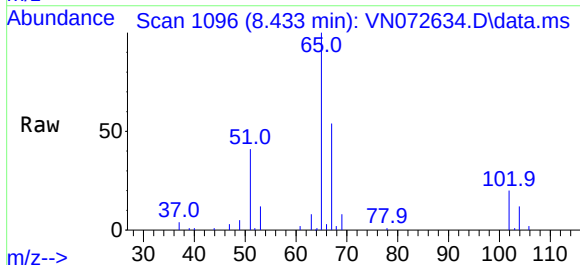
Instrument :
MSVOA_N
ClientSampleId :
IBLK

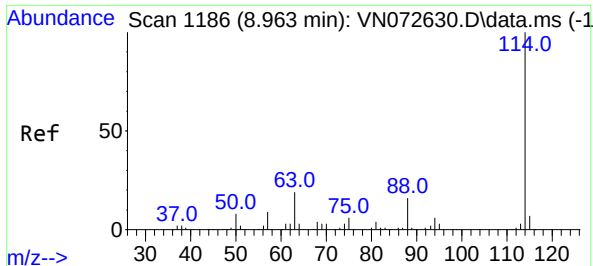
Tgt Ion:128 Resp: 21137
Ion Ratio Lower Upper
128 100
49 205.7 0.0 392.3
130 129.6 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 36.018 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072634.D
Acq: 26 May 2022 16:20

Tgt Ion: 65 Resp: 72849
Ion Ratio Lower Upper
65 100
67 50.7 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072634.D

Acq: 26 May 2022 16:20

Instrument :

MSVOA_N

ClientSampleId :

IBLK

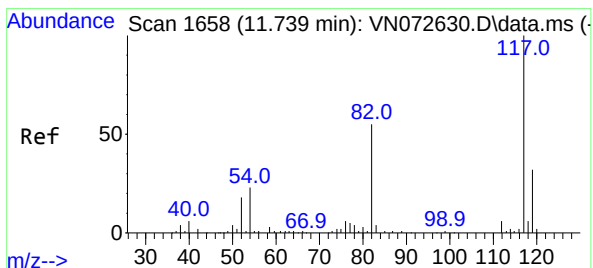
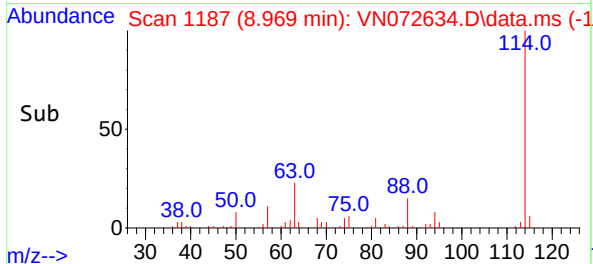
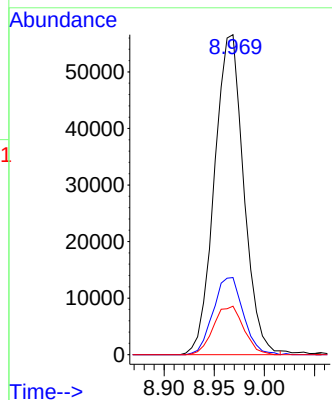
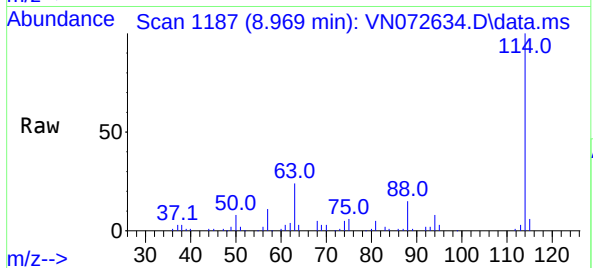
Tgt Ion:114 Resp: 114973

Ion Ratio Lower Upper

114 100

63 24.8 15.8 23.6#

88 15.7 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.745 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VN072634.D

Acq: 26 May 2022 16:20

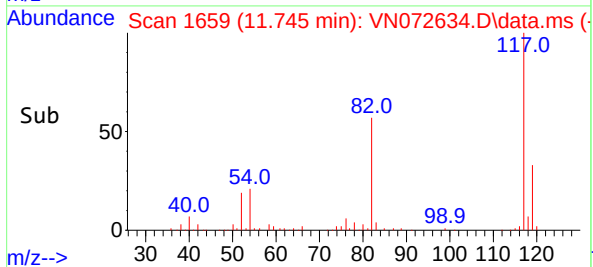
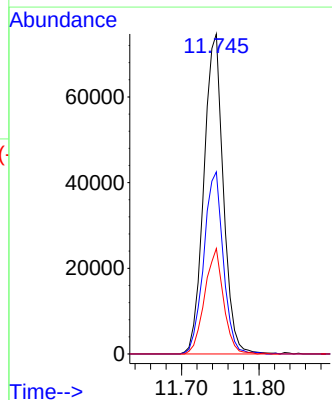
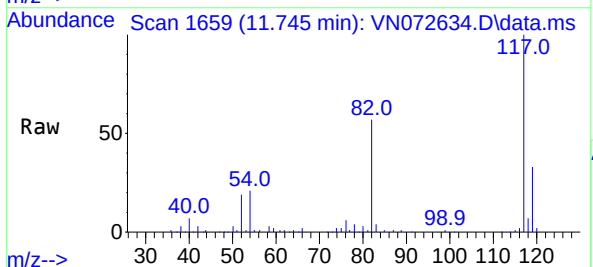
Tgt Ion:117 Resp: 130000

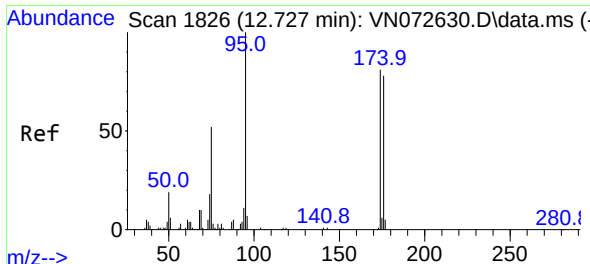
Ion Ratio Lower Upper

117 100

82 56.9 43.6 65.4

119 32.0 25.8 38.6

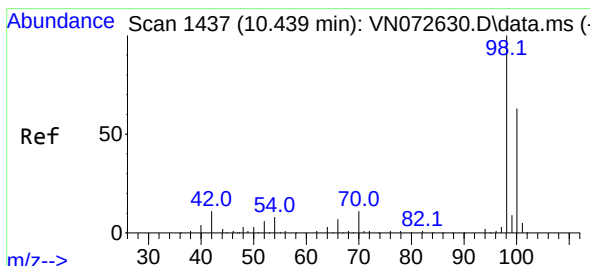
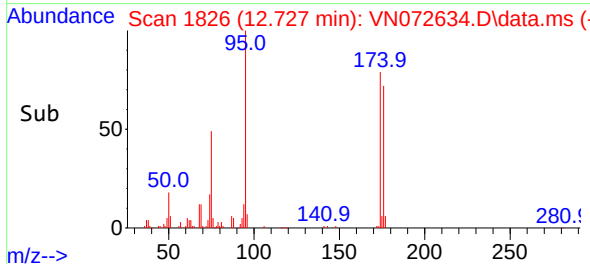
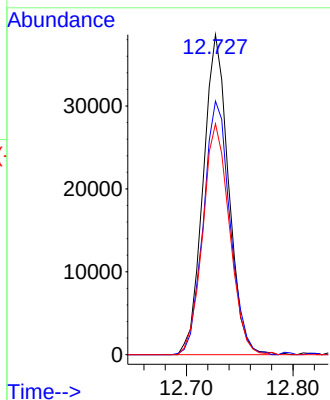
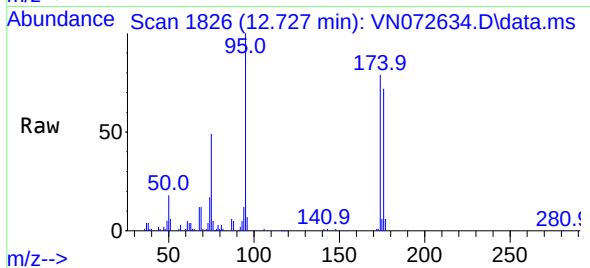




#60
4-Bromofluorobenzene
Concen: 27.947 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072634.D
Acq: 26 May 2022 16:20

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 63804
Ion Ratio Lower Upper
95 100
174 83.2 62.9 94.3
176 76.0 61.0 91.4



#63
Toluene-d8
Concen: 23.572 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072634.D
Acq: 26 May 2022 16:20

Tgt Ion: 98 Resp: 174236
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

