

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072793.D
 Acq On : 11 Jun 2022 17:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 13 01:20:39 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	7.663	128	30765	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	8.963	114	181001	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.745	117	156670	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	113986	32.487	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.300%	
60) 4-Bromofluorobenzene	12.733	95	81426	25.269	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 84.233%	
63) Toluene-d8	10.439	98	268532	30.941	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.133%	

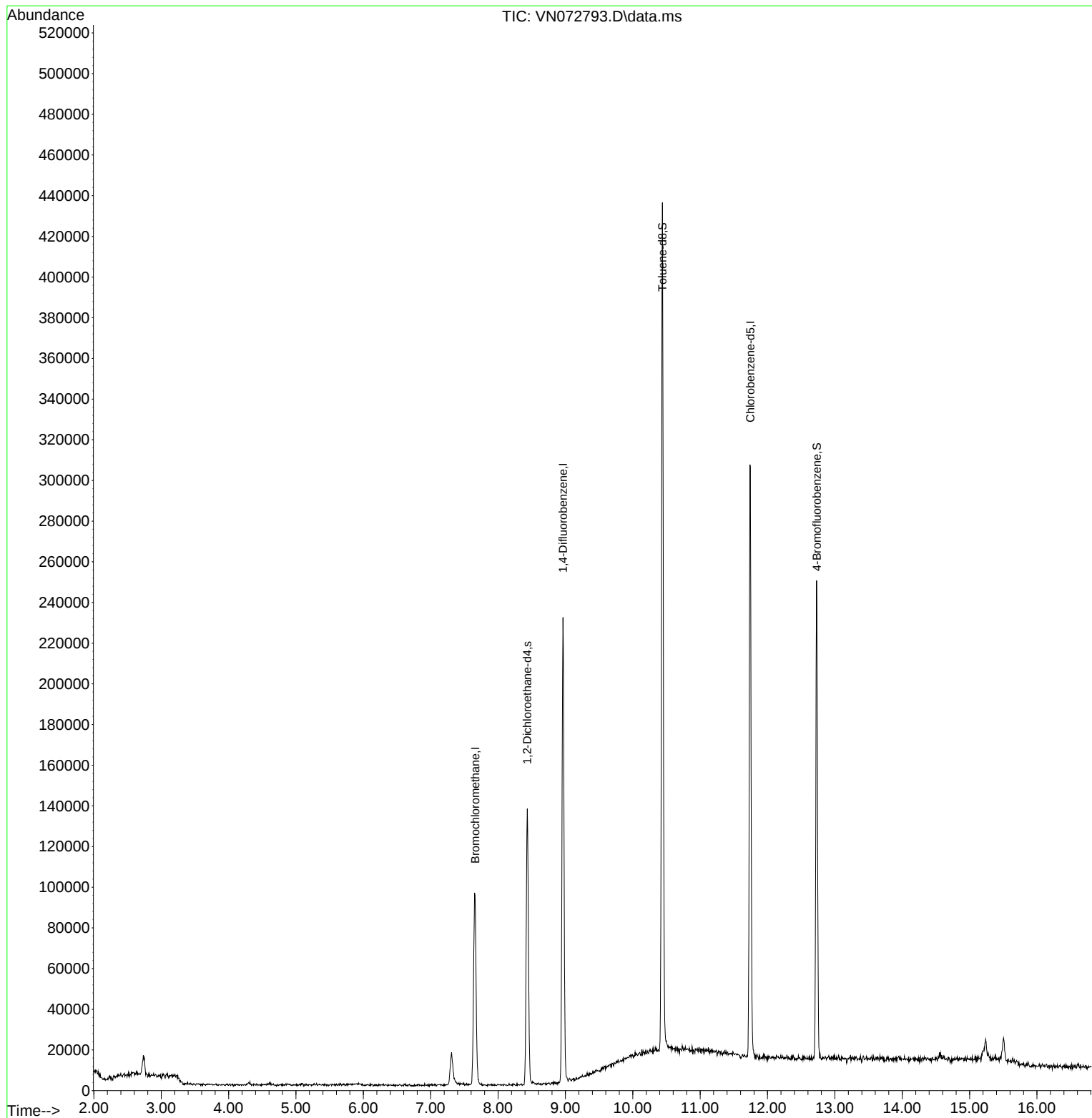
Target Compounds	Qvalue

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

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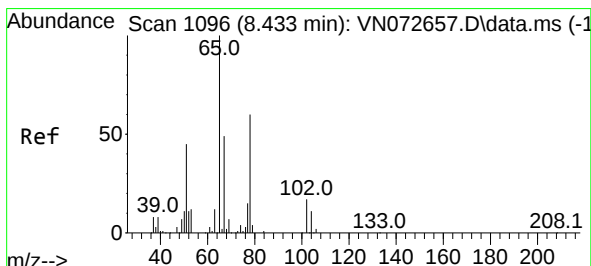
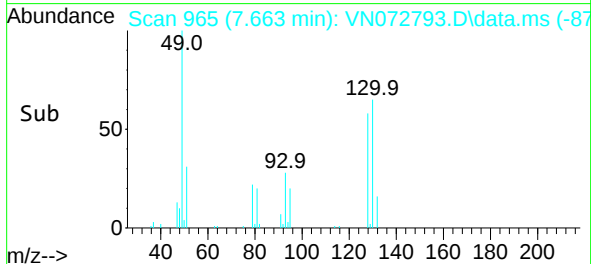
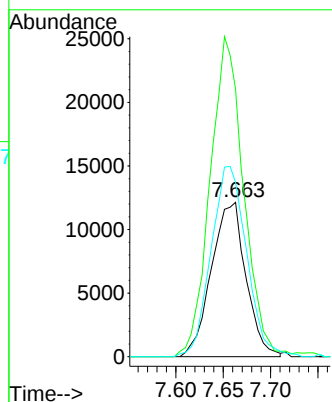
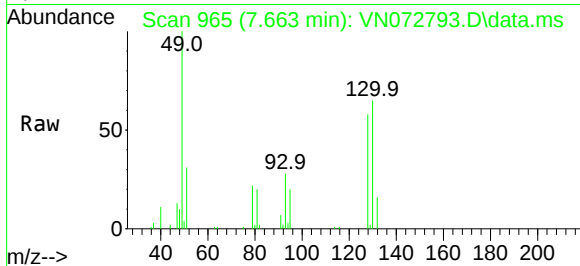




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.663 min Scan# 90
Delta R.T. 0.012 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

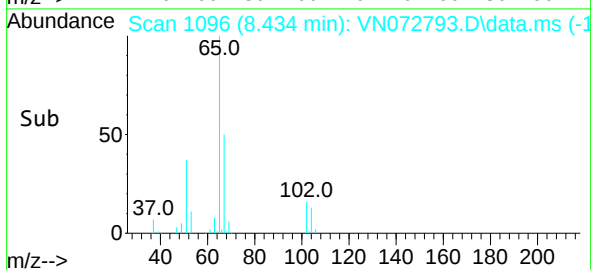
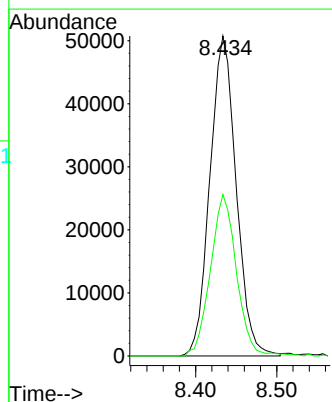
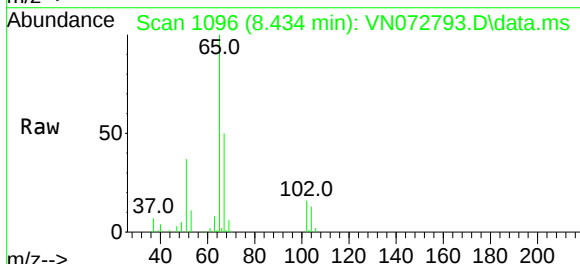
Instrument :
MSVOA_N
ClientSampleId :
IBLK

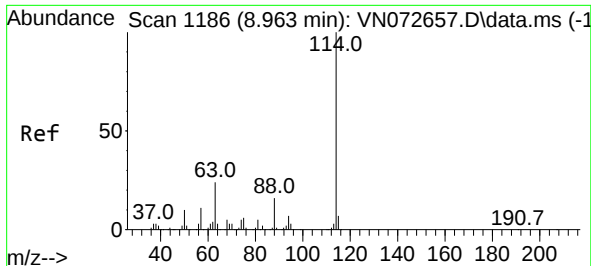
Tgt Ion:128 Resp: 30765
Ion Ratio Lower Upper
128 100
49 200.1 0.0 392.3
130 126.8 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 32.487 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 65 Resp: 113986
Ion Ratio Lower Upper
65 100
67 49.4 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: VN072793.D

Acq: 11 Jun 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

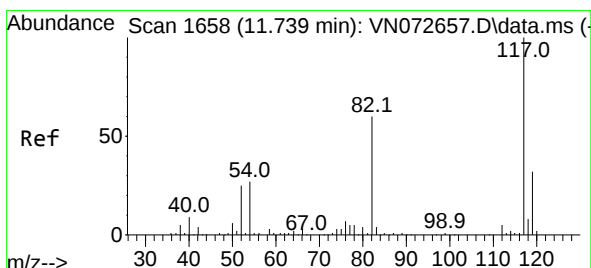
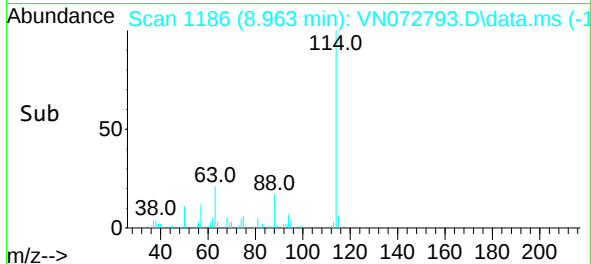
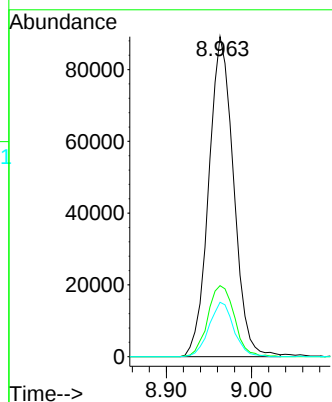
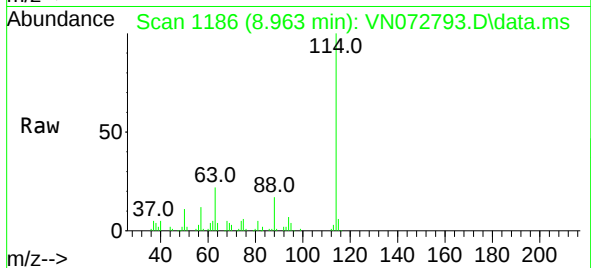
Tgt Ion:114 Resp: 181001

Ion Ratio Lower Upper

114 100

63 23.8 15.8 23.6#

88 16.9 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: VN072793.D

Acq: 11 Jun 2022 17:19

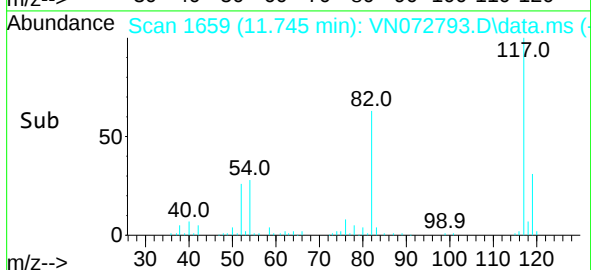
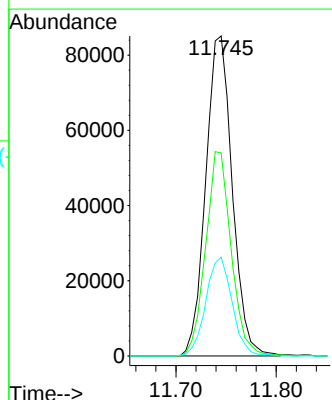
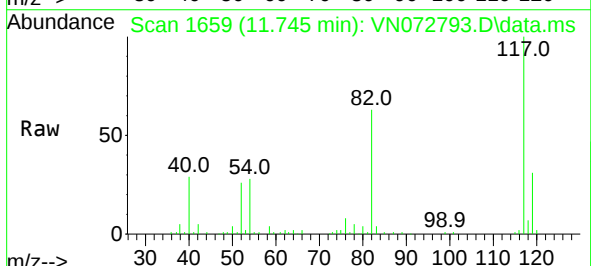
Tgt Ion:117 Resp: 156670

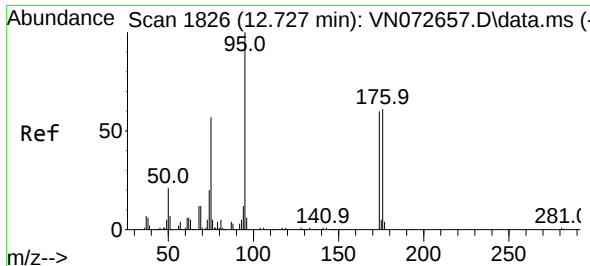
Ion Ratio Lower Upper

117 100

82 61.4 43.6 65.4

119 30.6 25.8 38.6

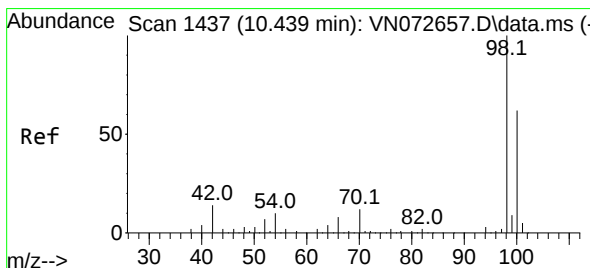
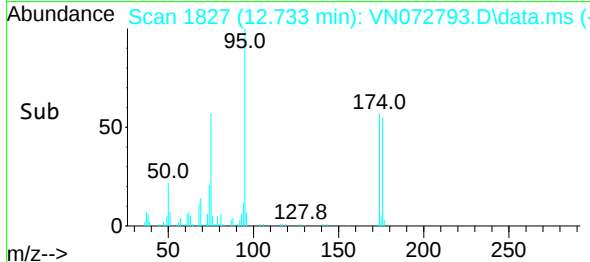
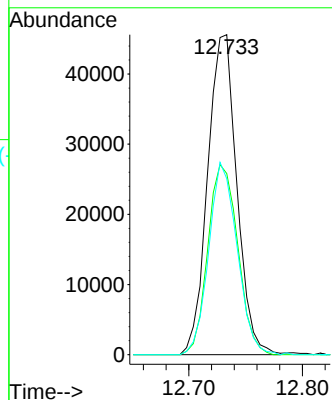
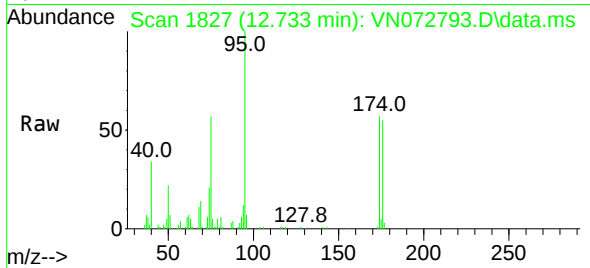




#60
4-Bromofluorobenzene
Concen: 25.269 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 81426
Ion Ratio Lower Upper
95 100
174 61.0 62.9 94.3#
176 58.5 61.0 91.4#



#63
Toluene-d8
Concen: 30.941 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 98 Resp: 268532
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0

