

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072781.D
 Acq On : 11 Jun 2022 11:19
 Operator : JC\MD
 Sample : VN0611WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBL01

Quant Time: Jun 13 01:18:20 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	33444	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	203037	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.745	117	159021	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	121889	31.957	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.533%
60) 4-Bromofluorobenzene	12.727	95	80687	24.670	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.233%
63) Toluene-d8	10.439	98	289889	32.908	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	109.700%

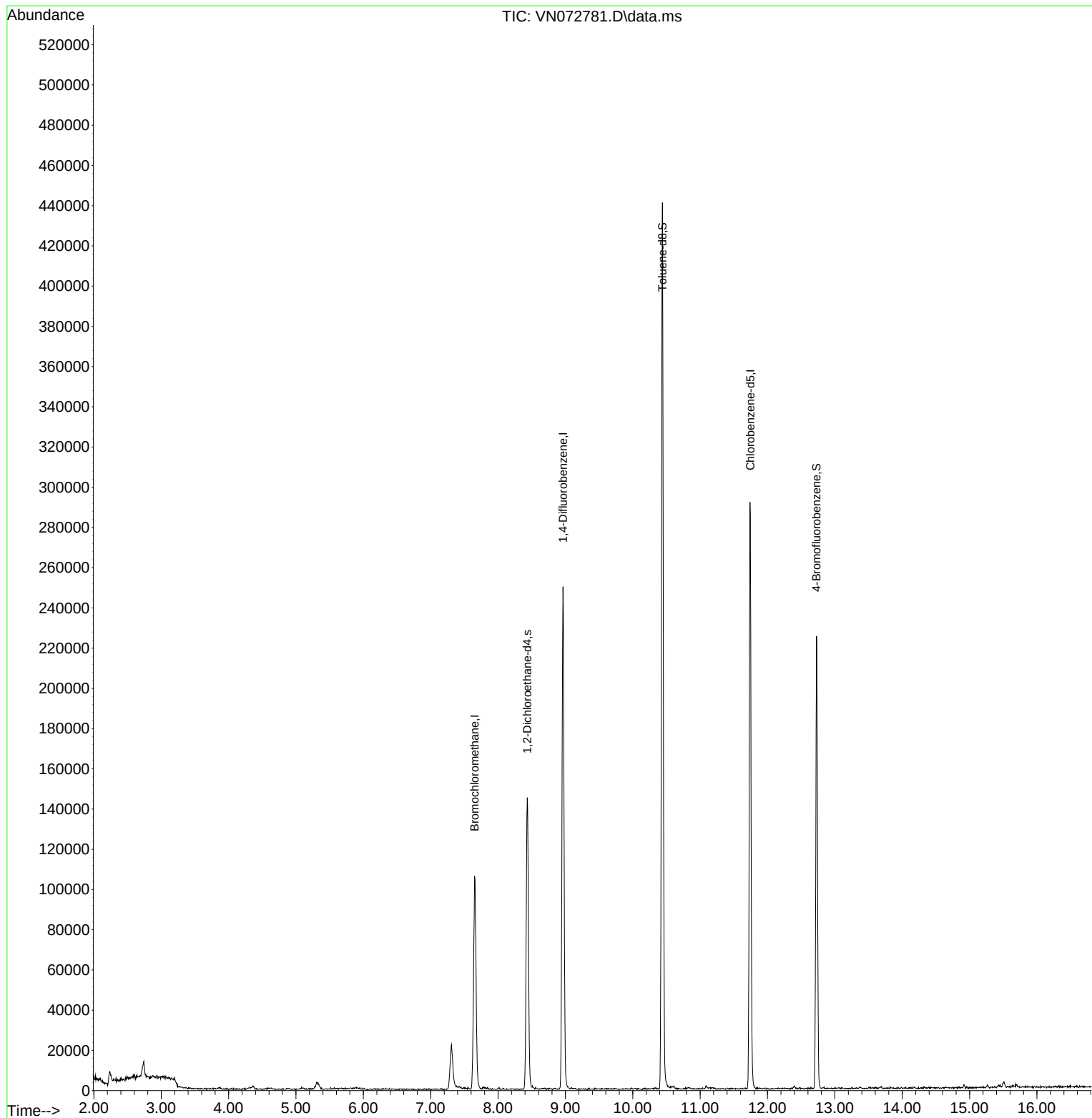
Target Compounds	Qvalue

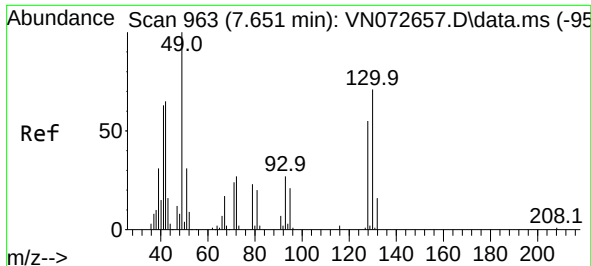
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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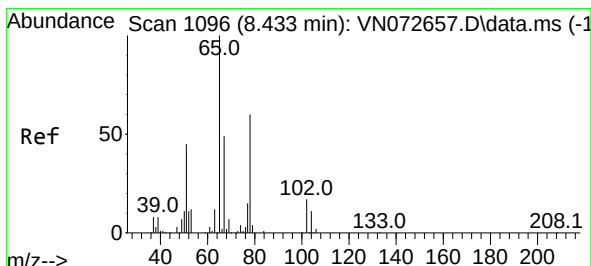
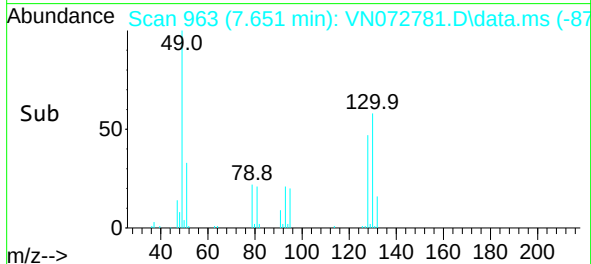
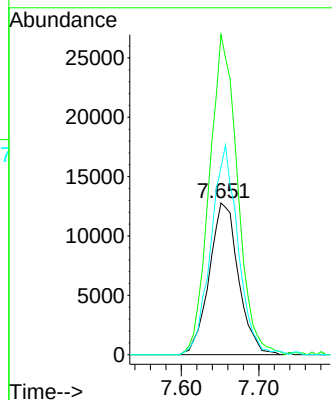
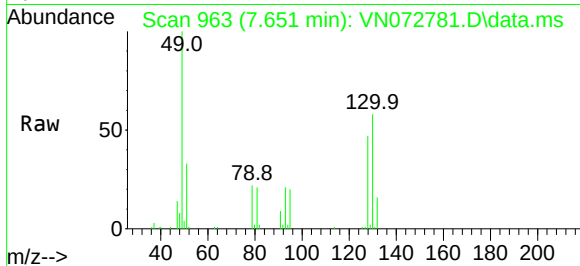




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072781.D
Acq: 11 Jun 2022 11:19

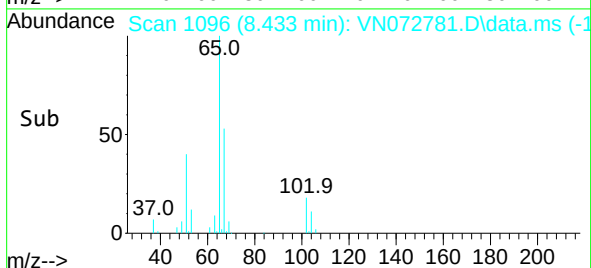
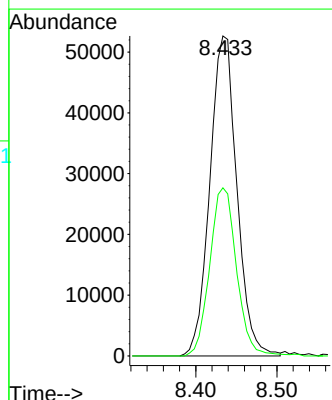
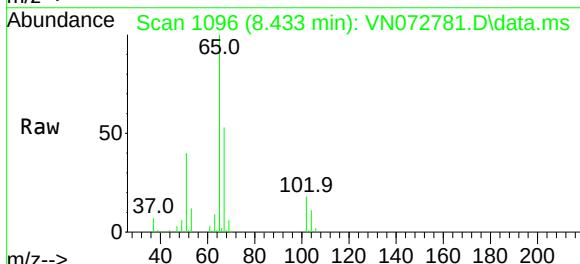
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

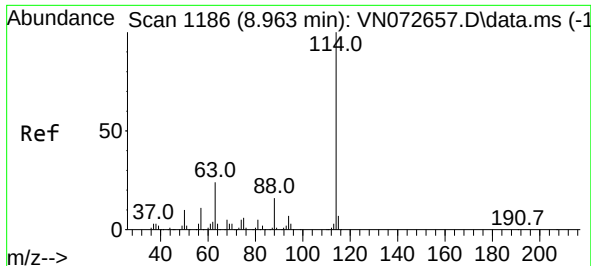
Tgt Ion	Ratio	Lower	Upper
128	100		
49	203.5	0.0	392.3
130	127.6	0.0	320.2



#27
1,2-Dichloroethane-d4
Concen: 31.957 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072781.D
Acq: 11 Jun 2022 11:19

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.9	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: VN072781.D

Acq: 11 Jun 2022 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBL01

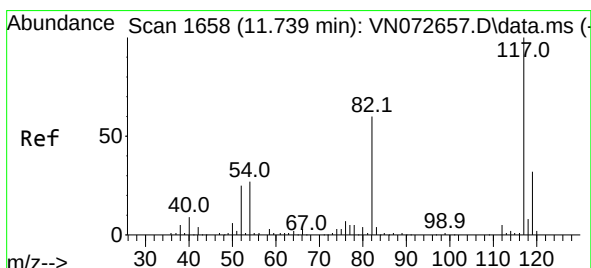
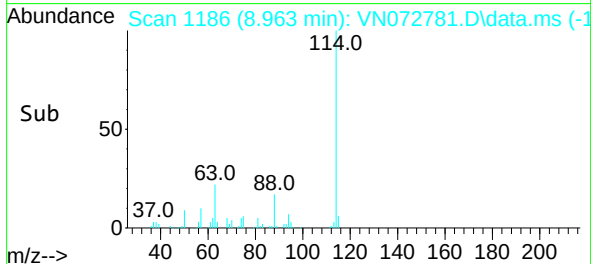
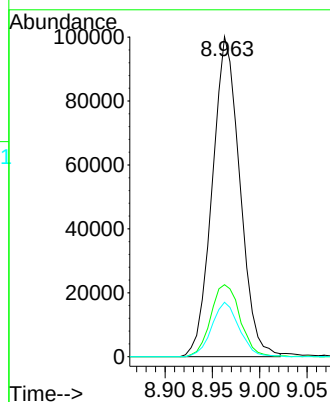
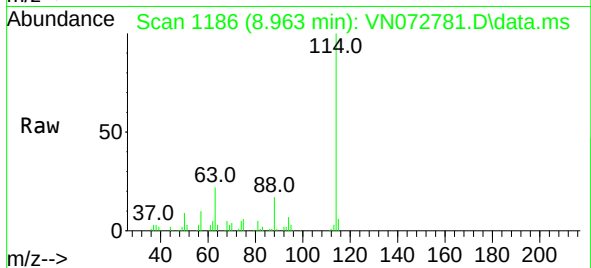
Tgt Ion:114 Resp: 203037

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: VN072781.D

Acq: 11 Jun 2022 11:19

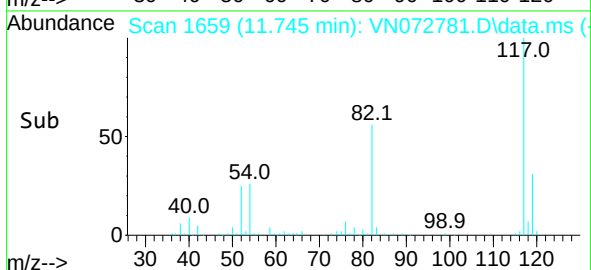
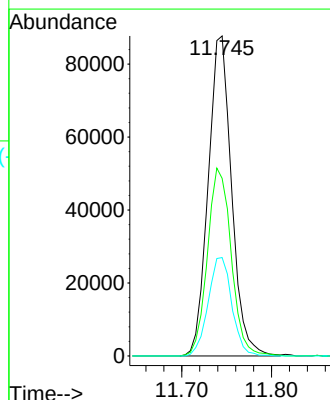
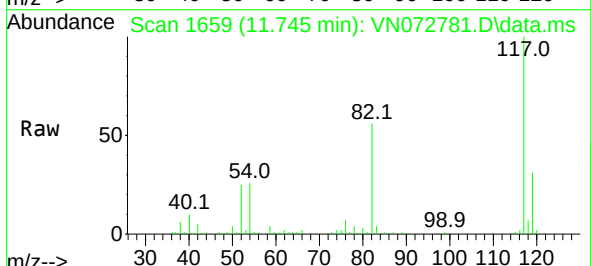
Tgt Ion:117 Resp: 159021

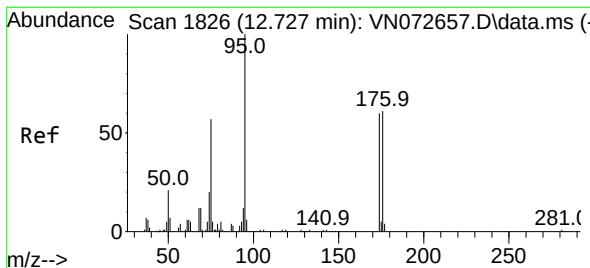
Ion Ratio Lower Upper

117 100

82 59.8 43.6 65.4

119 31.0 25.8 38.6

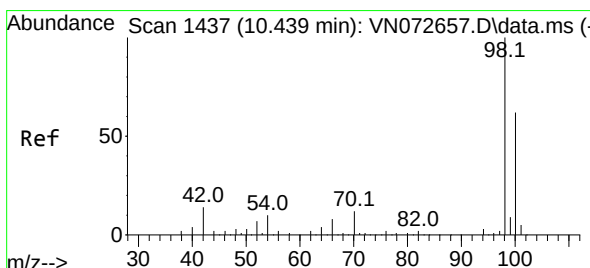
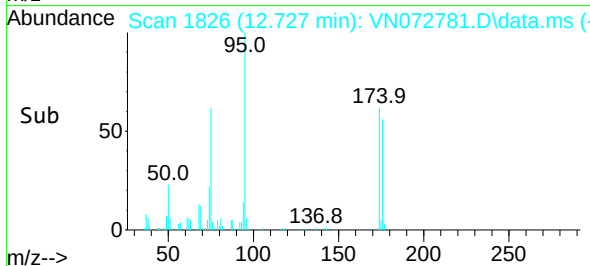
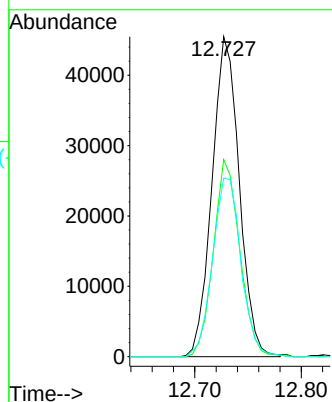
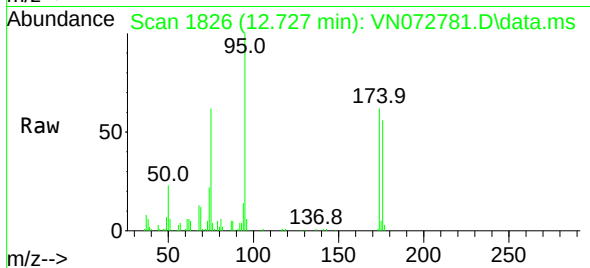




#60
4-Bromofluorobenzene
Concen: 24.670 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072781.D
Acq: 11 Jun 2022 11:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion: 95 Resp: 80687
Ion Ratio Lower Upper
95 100
174 59.6 62.9 94.3#
176 58.2 61.0 91.4#



#63
Toluene-d8
Concen: 32.908 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072781.D
Acq: 11 Jun 2022 11:19

Tgt Ion: 98 Resp: 289889
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0

