

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073070.D
 Acq On : 24 Jun 2022 01:59
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 24 05:00:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.586	128	41636	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	239714	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	200142	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	125677	31.312	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.367%
60) 4-Bromofluorobenzene	12.668	95	105888	27.653	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.167%
63) Toluene-d8	10.375	98	338094	31.195	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.967%

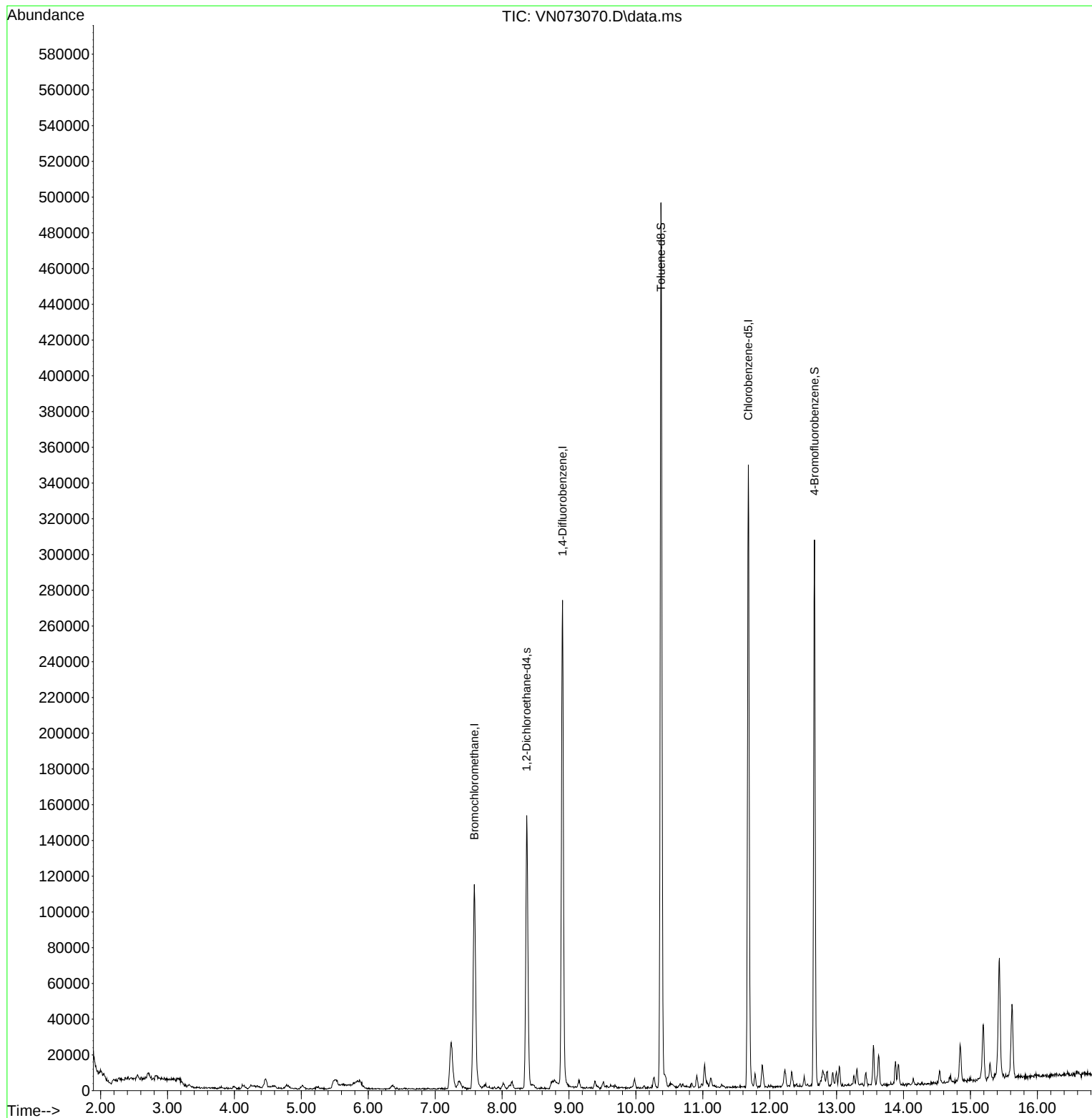
Target Compounds	Qvalue

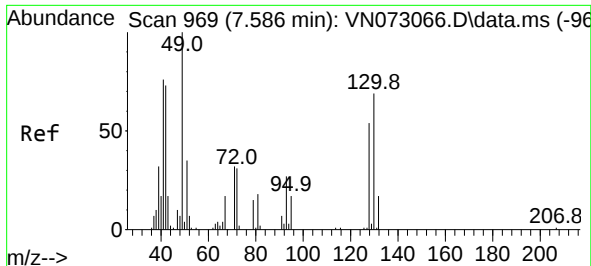
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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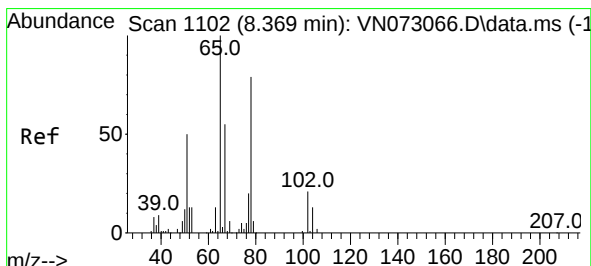
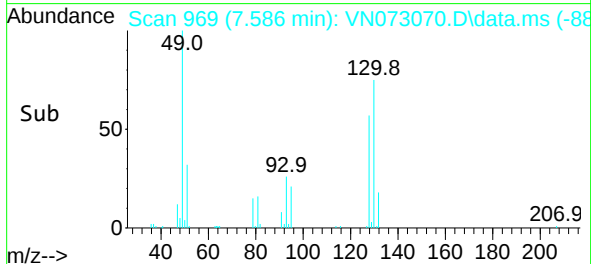
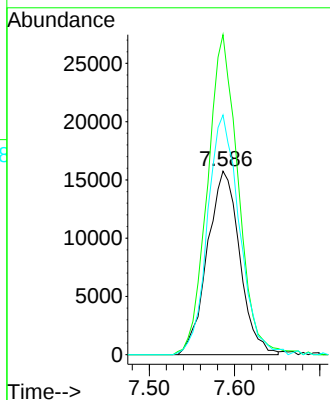
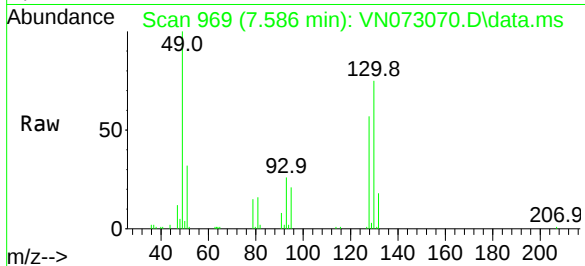




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073070.D
Acq: 24 Jun 2022 01:59

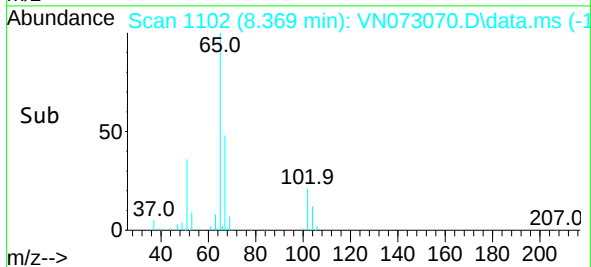
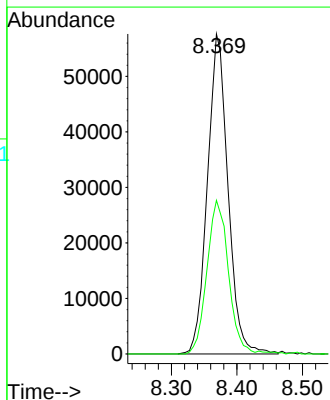
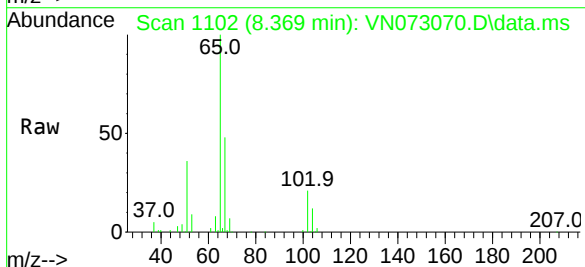
Instrument :
MSVOA_N
ClientSampleId :
IBLK

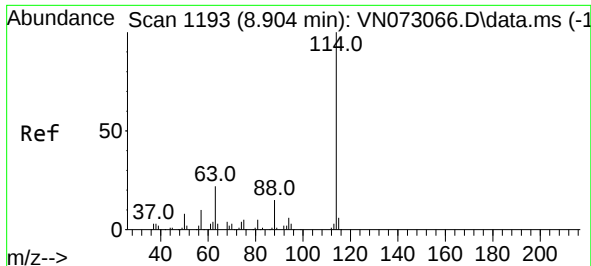
Tgt Ion:128 Resp: 41636
Ion Ratio Lower Upper
128 100
49 164.8 0.0 392.3
130 127.9 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.312 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073070.D
Acq: 24 Jun 2022 01:59

Tgt Ion: 65 Resp: 125677
Ion Ratio Lower Upper
65 100
67 49.9 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073070.D

Acq: 24 Jun 2022 01:59

Instrument :

MSVOA_N

ClientSampleId :

IBLK

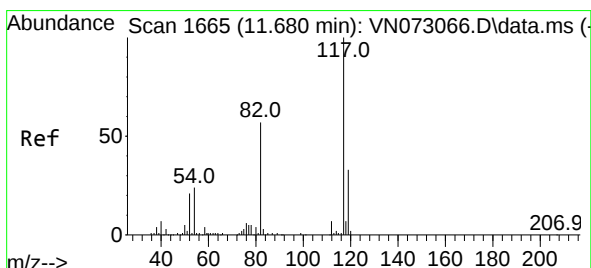
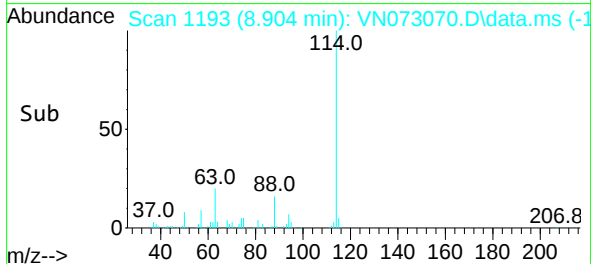
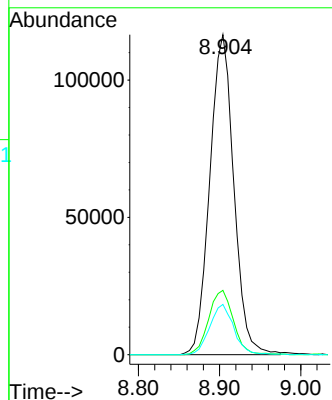
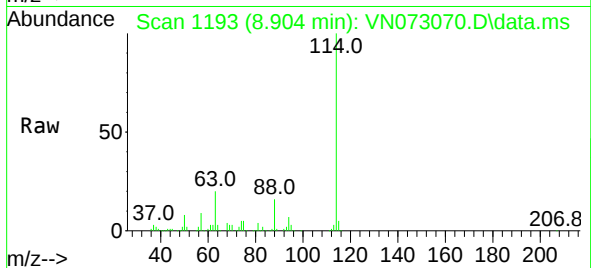
Tgt Ion:114 Resp: 239714

Ion Ratio Lower Upper

114 100

63 20.4 15.8 23.6

88 15.7 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.680 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VN073070.D

Acq: 24 Jun 2022 01:59

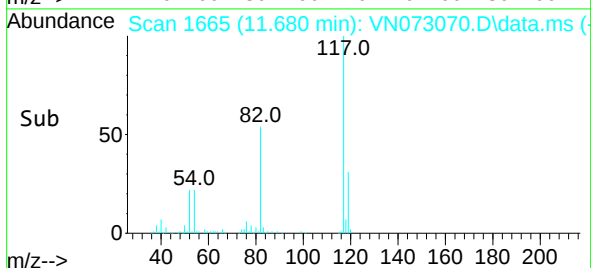
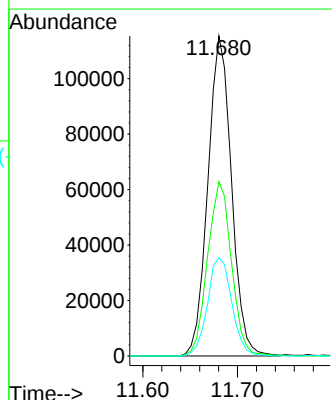
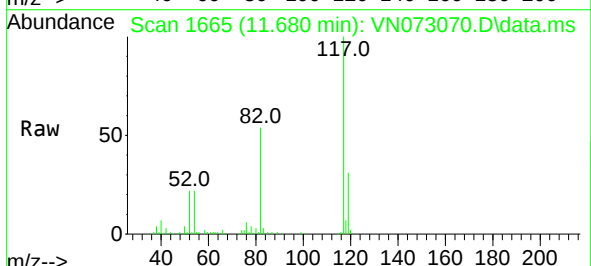
Tgt Ion:117 Resp: 200142

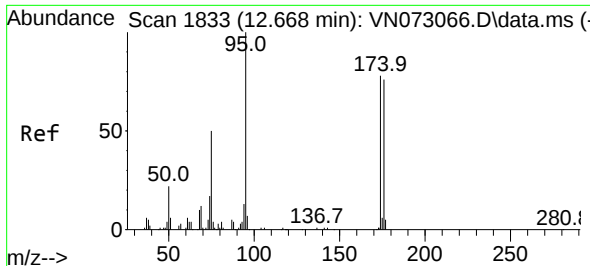
Ion Ratio Lower Upper

117 100

82 55.1 43.6 65.4

119 31.7 25.8 38.6

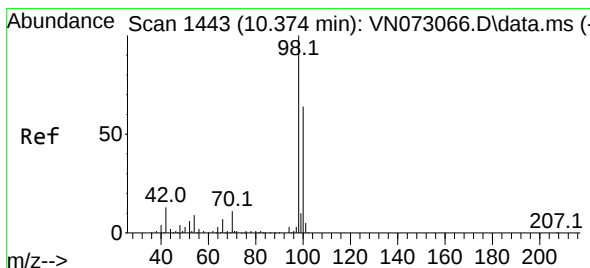
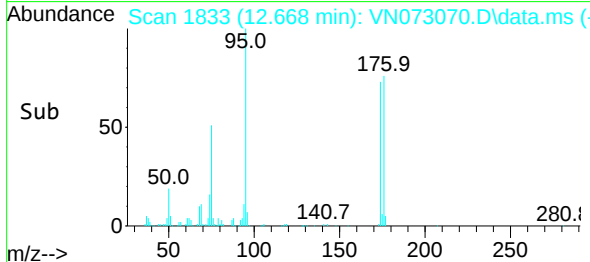
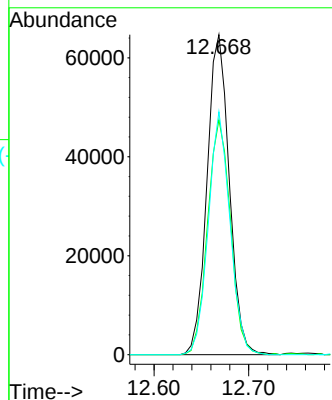
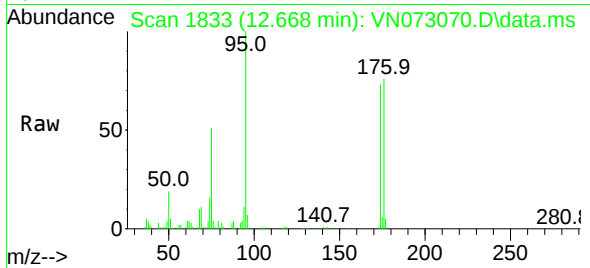




#60
4-Bromofluorobenzene
Concen: 27.653 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073070.D
Acq: 24 Jun 2022 01:59

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 105888
Ion Ratio Lower Upper
95 100
174 75.1 62.9 94.3
176 73.7 61.0 91.4



#63
Toluene-d8
Concen: 31.195 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073070.D
Acq: 24 Jun 2022 01:59

Tgt Ion: 98 Resp: 338094
Ion Ratio Lower Upper
98 100
100 66.0 50.6 76.0

