

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074879.D
 Acq On : 12 Oct 2022 16:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 13 07:57:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.830	128	66761	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	386863	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	339297	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	201750	32.279	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.600%	
60) 4-Bromofluorobenzene	12.853	95	143057	23.775	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 79.267%	
63) Toluene-d8	10.571	98	599852	30.632	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.100%	

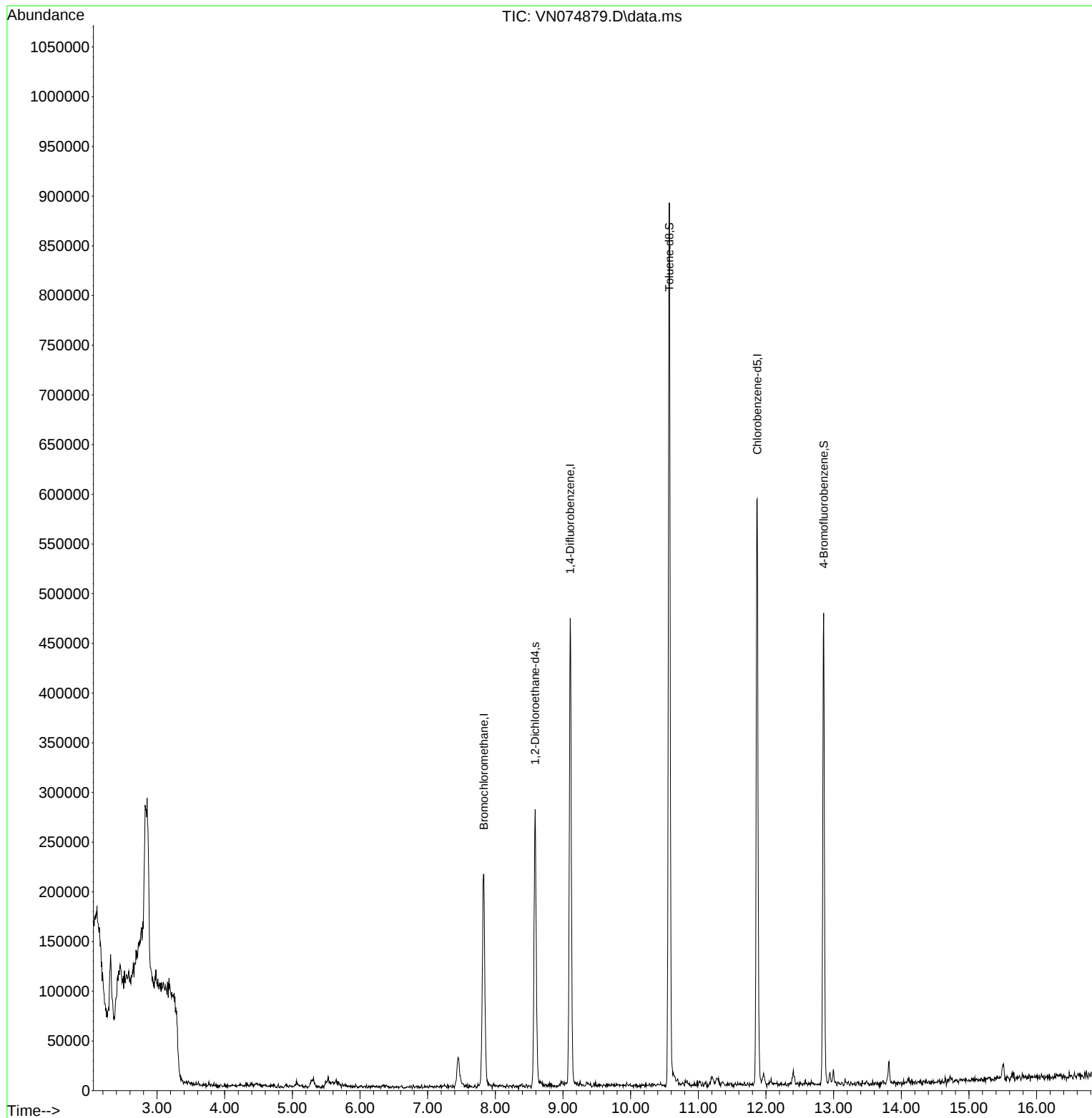
Target Compounds	Qvalue

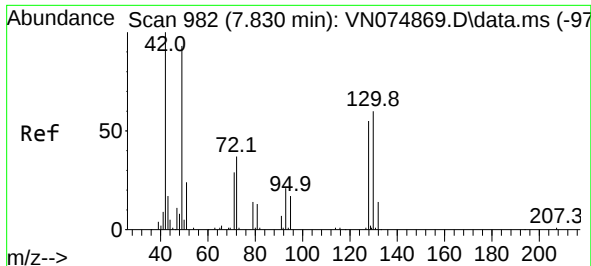
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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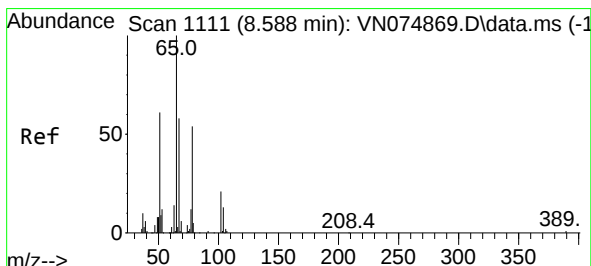
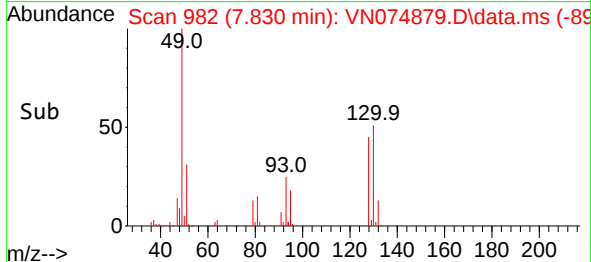
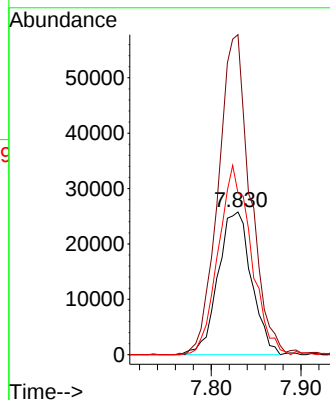
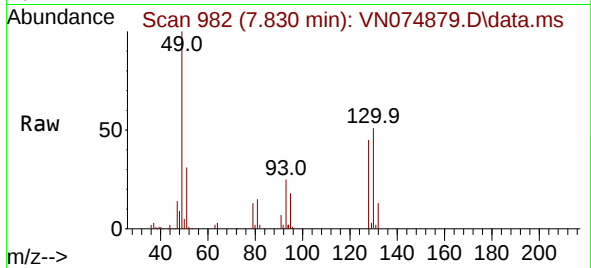




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074879.D
Acq: 12 Oct 2022 16:45

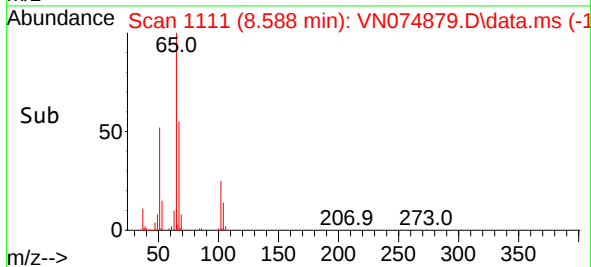
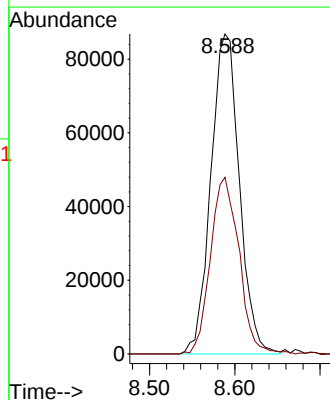
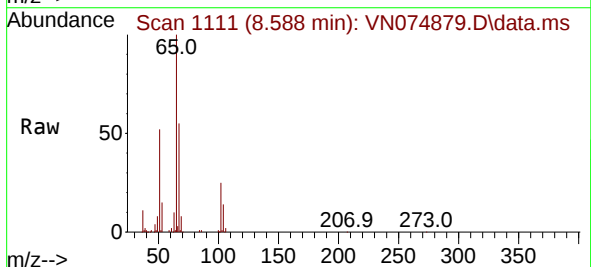
Instrument :
MSVOA_N
ClientSampleId :
IBLK

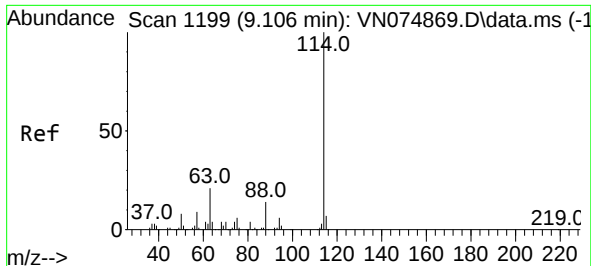
Tgt Ion:128 Resp: 66761
Ion Ratio Lower Upper
128 100
49 213.9 0.0 492.0
130 129.4 0.0 313.3



#27
1,2-Dichloroethane-d4
Concen: 32.279 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN074879.D
Acq: 12 Oct 2022 16:45

Tgt Ion: 65 Resp: 201750
Ion Ratio Lower Upper
65 100
67 55.1 45.2 67.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074879.D

Acq: 12 Oct 2022 16:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

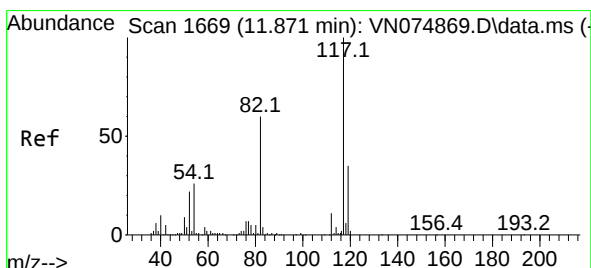
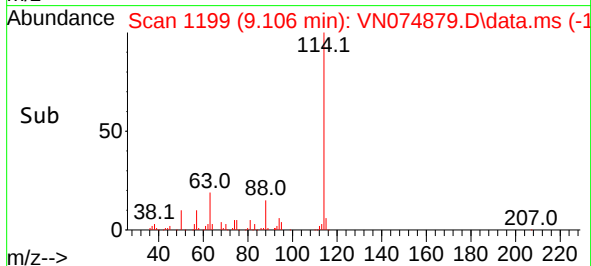
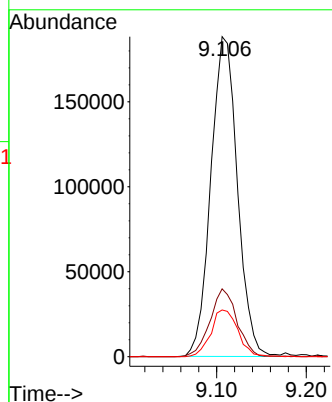
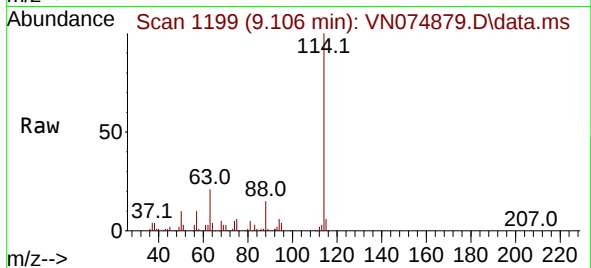
Tgt Ion:114 Resp: 386863

Ion Ratio Lower Upper

114 100

63 21.5 16.6 25.0

88 14.9 12.2 18.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VN074879.D

Acq: 12 Oct 2022 16:45

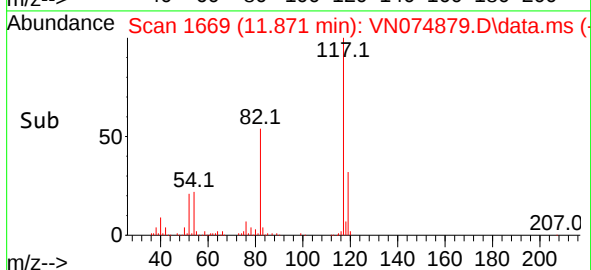
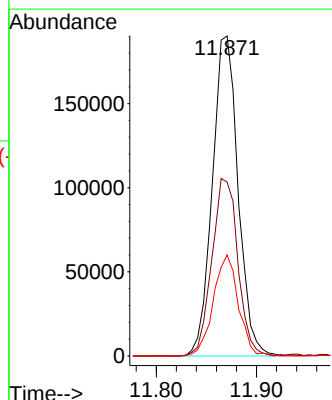
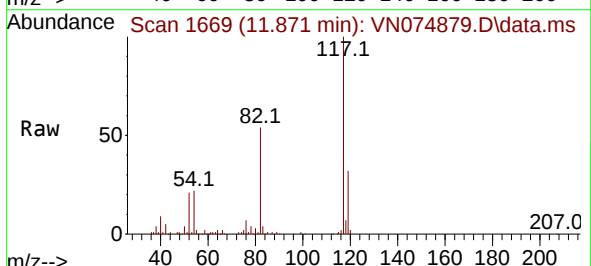
Tgt Ion:117 Resp: 339297

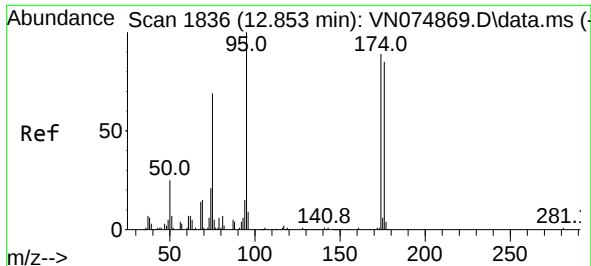
Ion Ratio Lower Upper

117 100

82 55.9 44.6 67.0

119 30.4 25.6 38.4

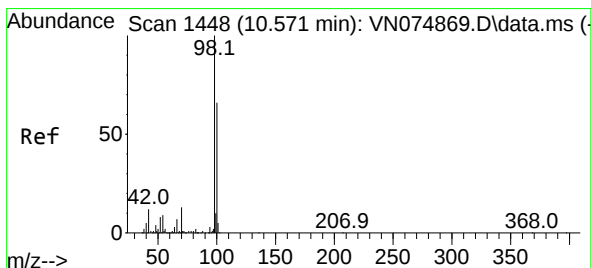
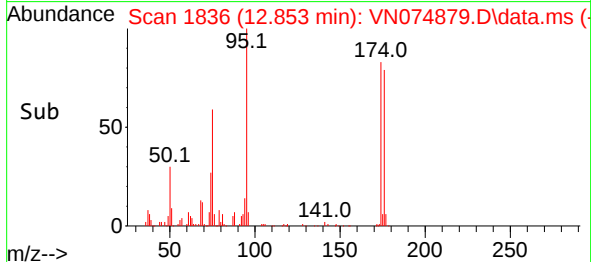
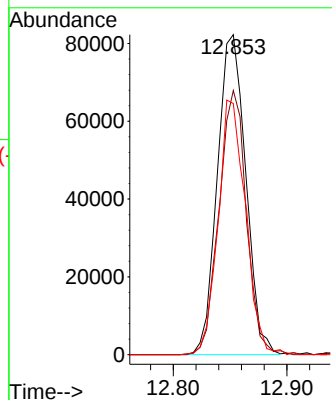
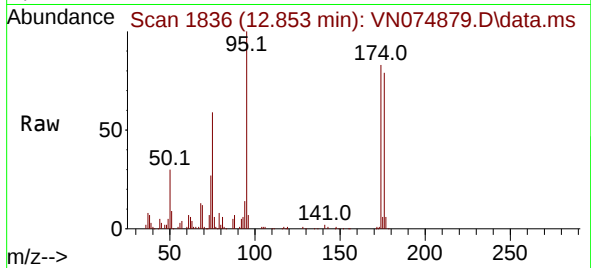




#60
4-Bromofluorobenzene
Concen: 23.775 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN074879.D
Acq: 12 Oct 2022 16:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 143057
Ion Ratio Lower Upper
95 100
174 79.3 57.8 86.8
176 76.3 57.0 85.4



#63
Toluene-d8
Concen: 30.632 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074879.D
Acq: 12 Oct 2022 16:45

Tgt Ion: 98 Resp: 599852
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1

