

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077170.D
 Acq On : 24 Mar 2023 00:59
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Mar 24 05:57:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	40955	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	265376	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	281976	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	129556	31.149	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.833%
60) 4-Bromofluorobenzene	12.854	95	118379	23.369	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.900%
63) Toluene-d8	10.572	98	298749	29.680	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.933%

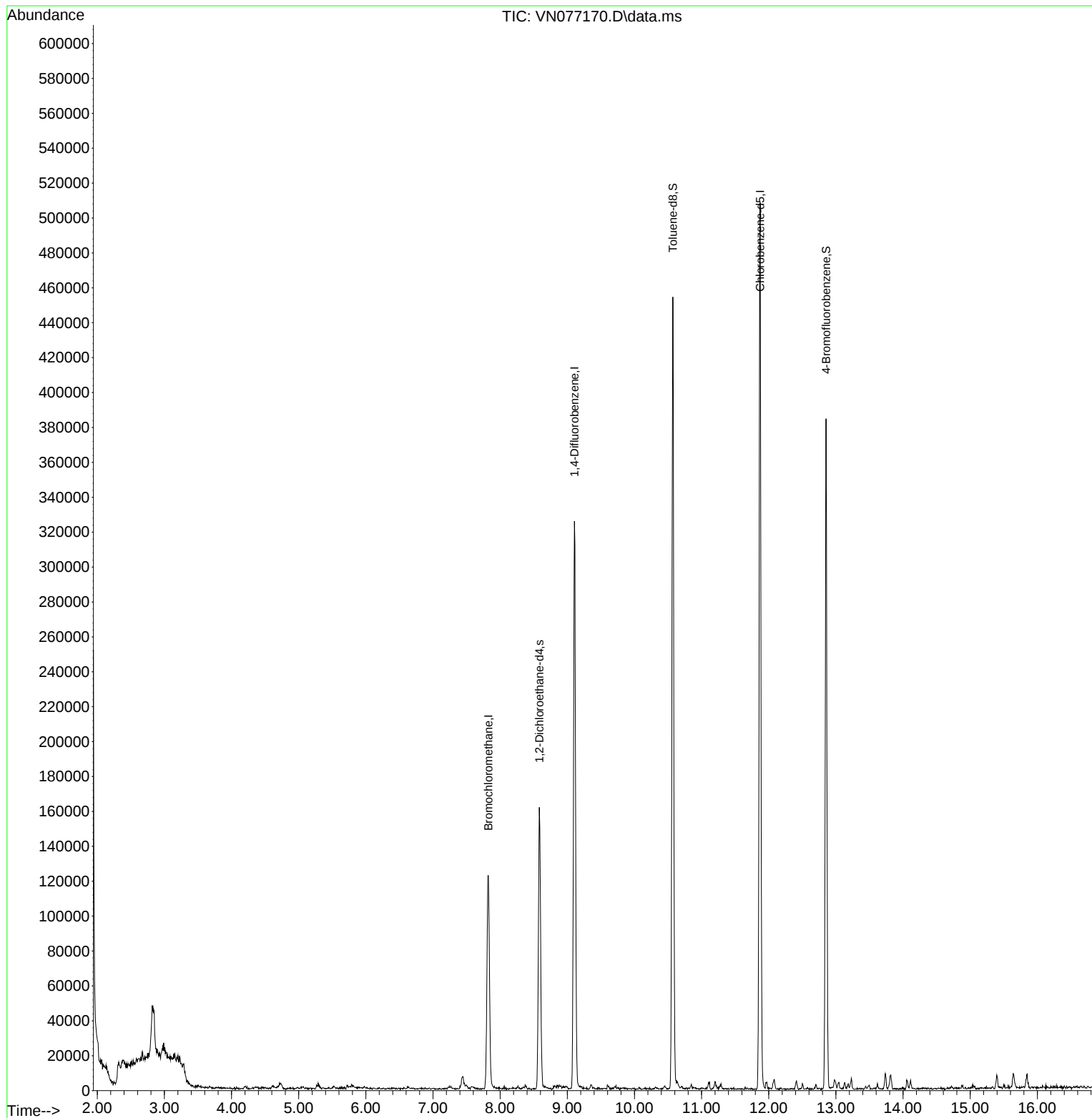
Target Compounds	Qvalue

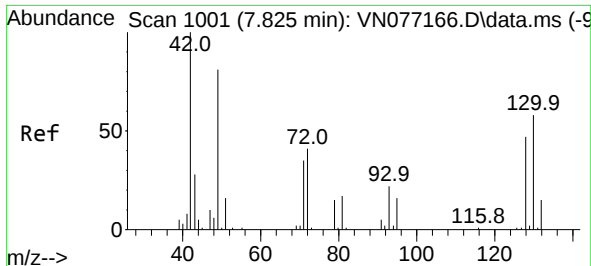
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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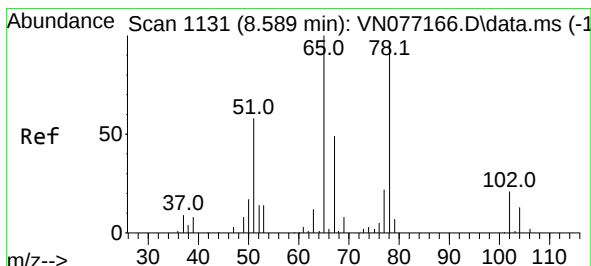
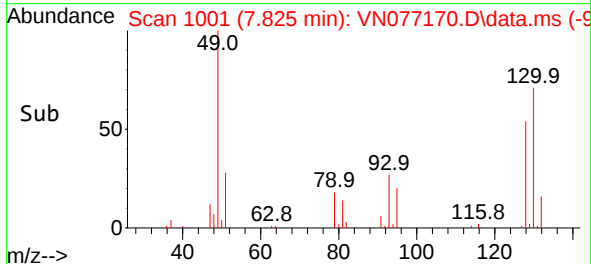
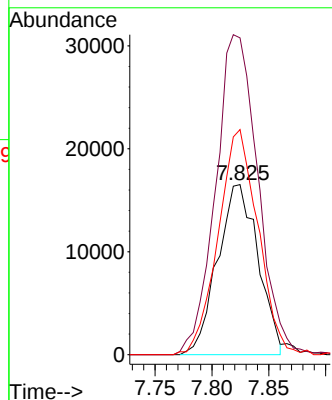
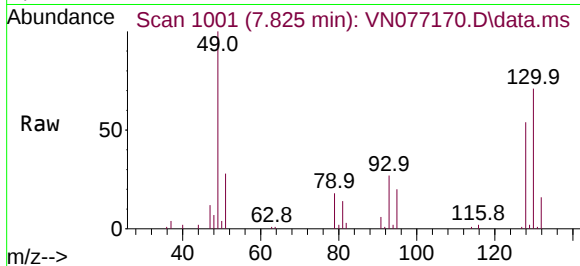




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN077170.D
Acq: 24 Mar 2023 00:59

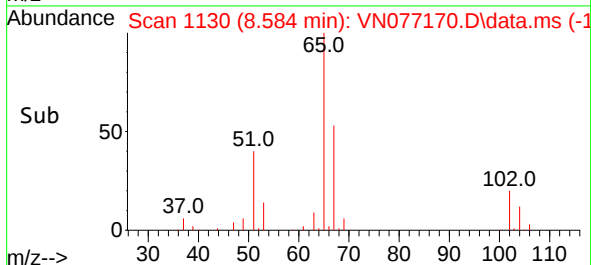
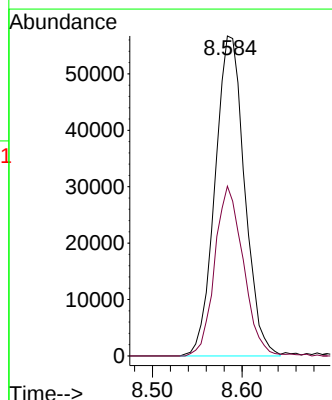
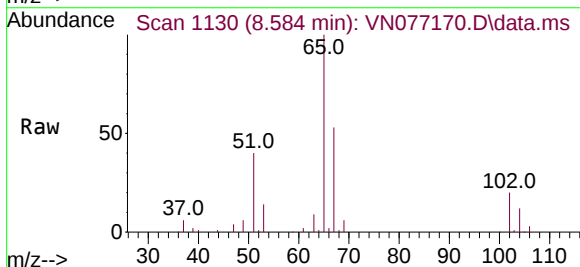
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

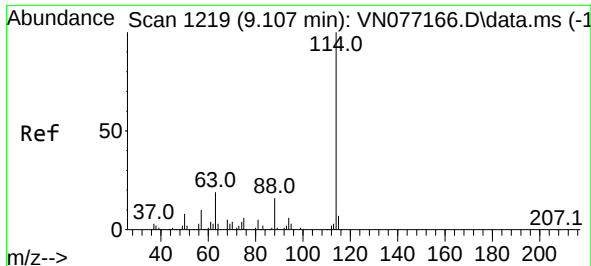
Tgt Ion:128 Resp: 40955
Ion Ratio Lower Upper
128 100
49 196.3 0.0 461.8
130 130.0 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 31.149 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.005 min
Lab File: VN077170.D
Acq: 24 Mar 2023 00:59

Tgt Ion: 65 Resp: 129556
Ion Ratio Lower Upper
65 100
67 51.2 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077170.D

Acq: 24 Mar 2023 00:59

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

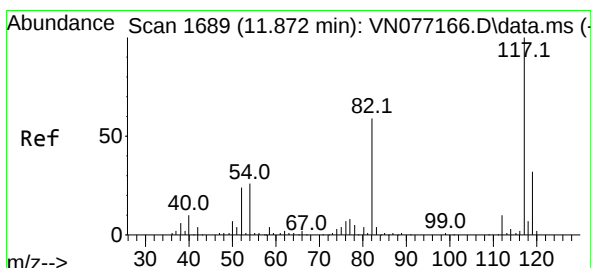
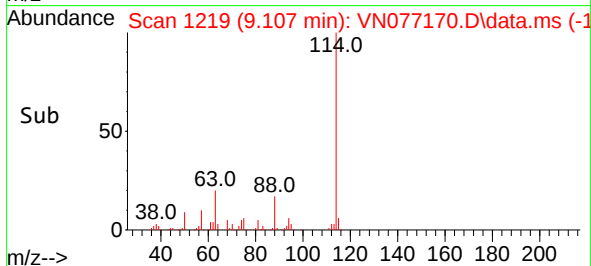
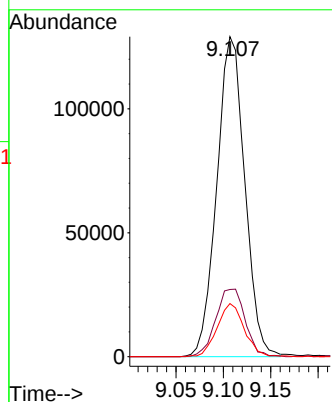
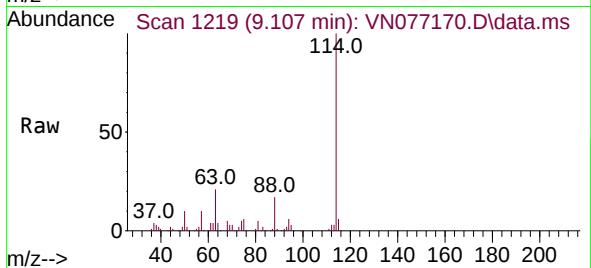
Tgt Ion:114 Resp: 265376

Ion Ratio Lower Upper

114 100

63 22.1 17.0 25.4

88 16.0 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.872 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN077170.D

Acq: 24 Mar 2023 00:59

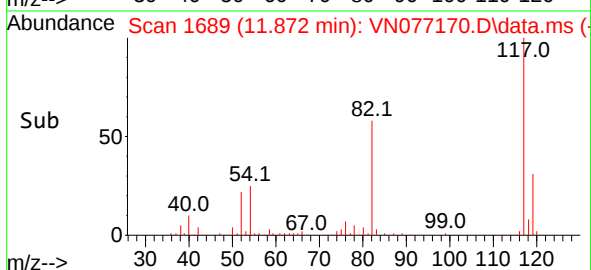
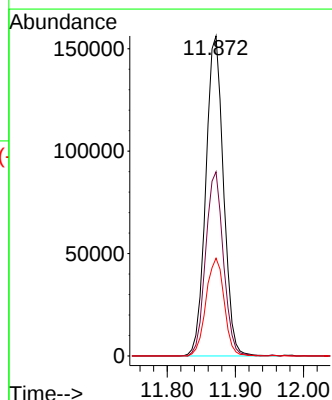
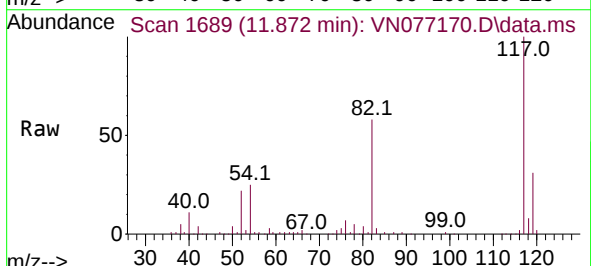
Tgt Ion:117 Resp: 281976

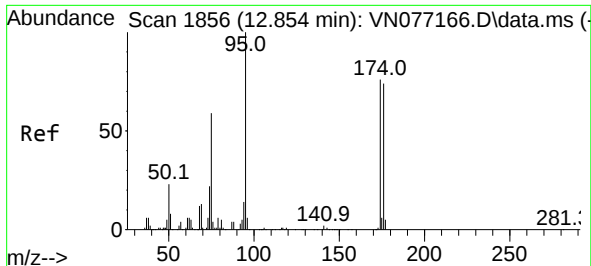
Ion Ratio Lower Upper

117 100

82 57.6 45.4 68.0

119 31.4 26.8 40.2

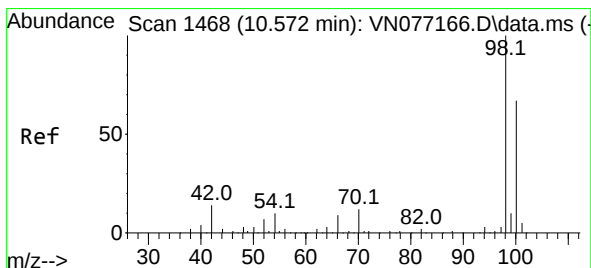
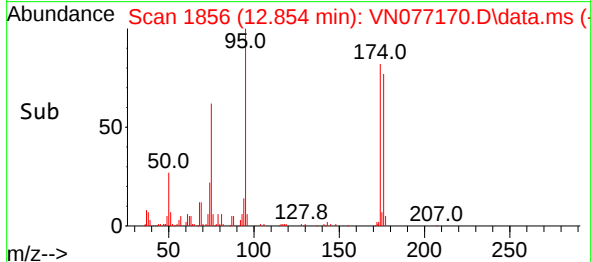
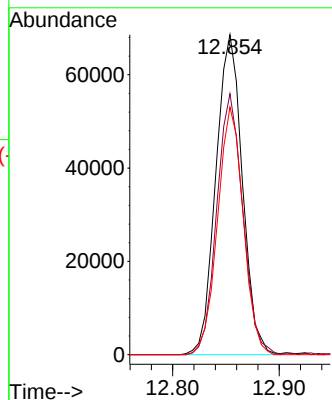
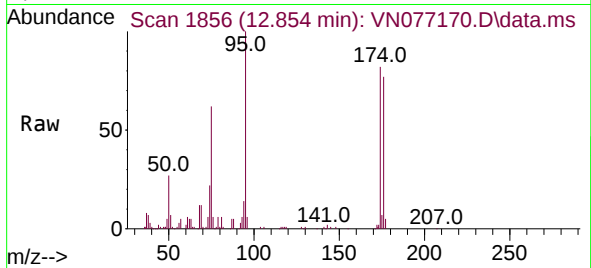




#60
4-Bromofluorobenzene
Concen: 23.369 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077170.D
Acq: 24 Mar 2023 00:59

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 118379
Ion Ratio Lower Upper
95 100
174 80.2 64.2 96.4
176 74.9 61.4 92.0



#63
Toluene-d8
Concen: 29.680 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077170.D
Acq: 24 Mar 2023 00:59

Tgt Ion: 98 Resp: 298749
Ion Ratio Lower Upper
98 100
100 64.1 53.8 80.6

