

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101322\
 Data File : VN074892.D
 Acq On : 13 Oct 2022 12:50
 Operator : JC\MD
 Sample : VN1013WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013WBL01

Quant Time: Oct 14 05:04:21 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	69874	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	396097	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	334445	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	207844	31.772	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.900%
60) 4-Bromofluorobenzene	12.853	95	147618	24.889	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.967%
63) Toluene-d8	10.571	98	584052	30.258	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.867%

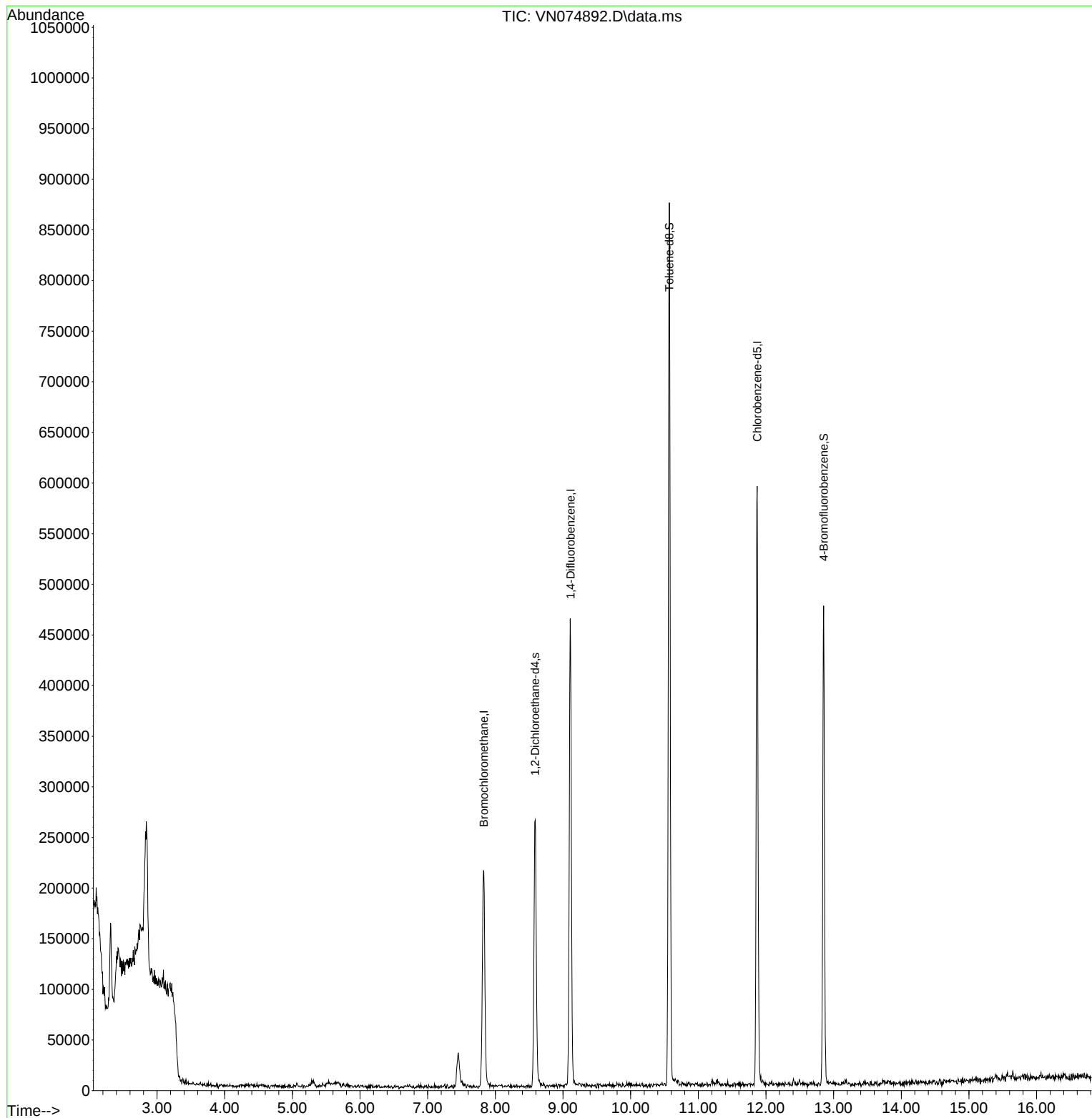
Target Compounds	Qvalue

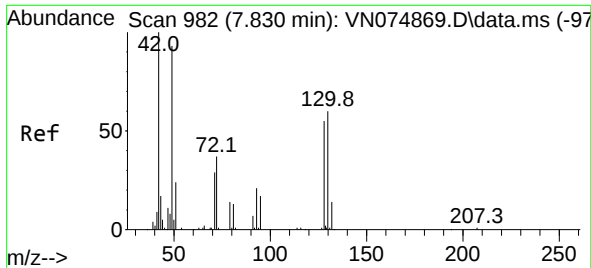
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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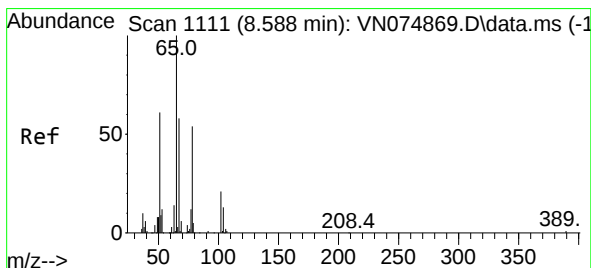
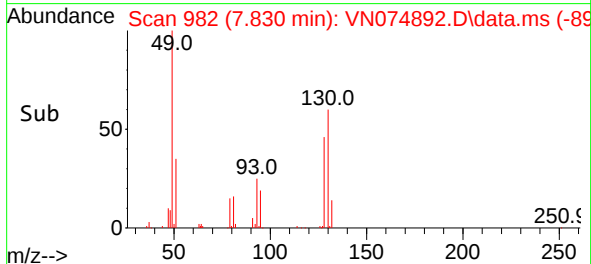
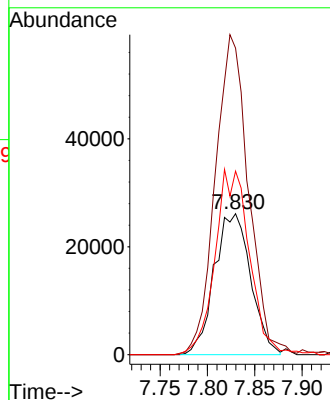
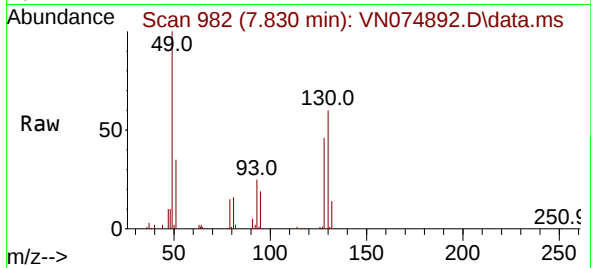




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074892.D
Acq: 13 Oct 2022 12:50

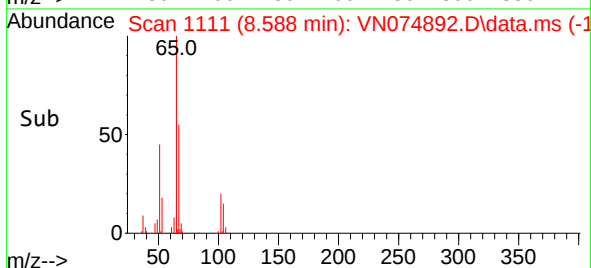
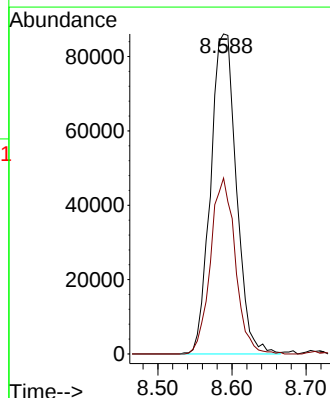
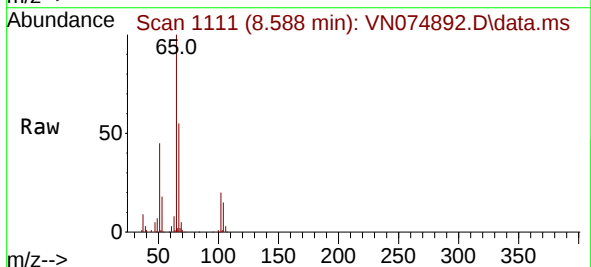
Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

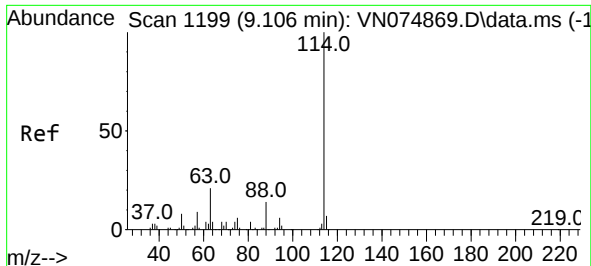
Tgt Ion:128 Resp: 69874
Ion Ratio Lower Upper
128 100
49 207.3 0.0 492.0
130 61.6 0.0 313.3



#27
1,2-Dichloroethane-d4
Concen: 31.772 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN074892.D
Acq: 13 Oct 2022 12:50

Tgt Ion: 65 Resp: 207844
Ion Ratio Lower Upper
65 100
67 52.7 45.2 67.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1199

Delta R.T. 0.006 min

Lab File: VN074892.D

Acq: 13 Oct 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1013WBL01

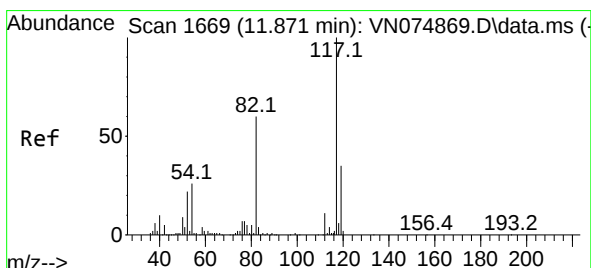
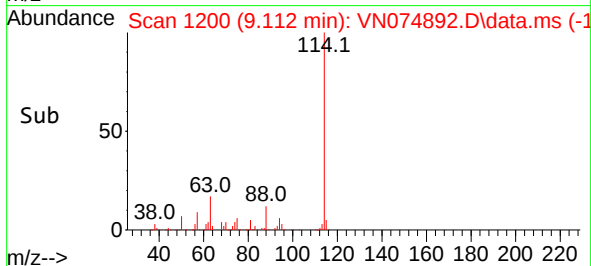
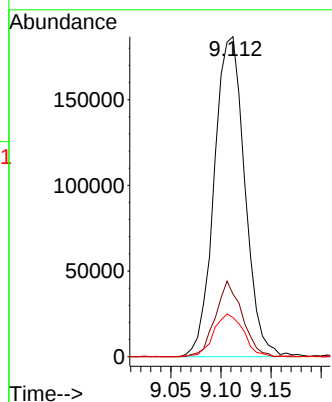
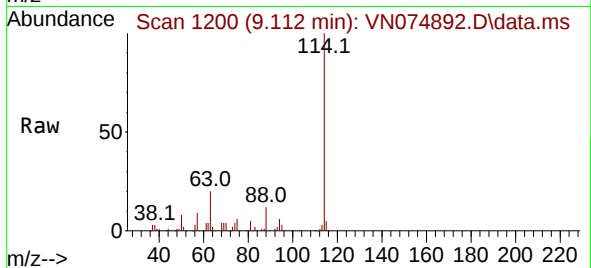
Tgt Ion:114 Resp: 396097

Ion Ratio Lower Upper

114 100

63 20.7 16.6 25.0

88 13.0 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: VN074892.D

Acq: 13 Oct 2022 12:50

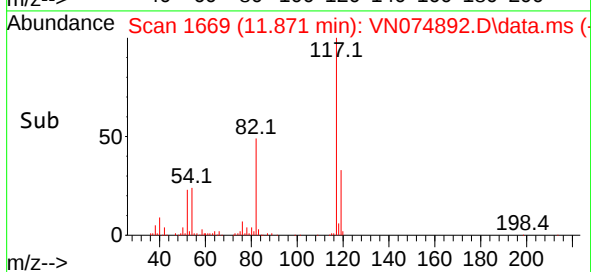
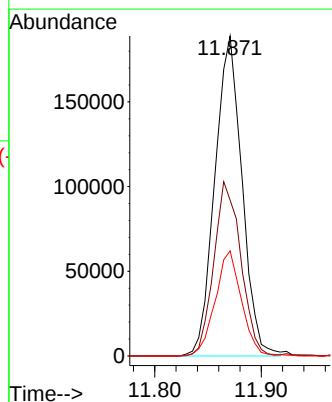
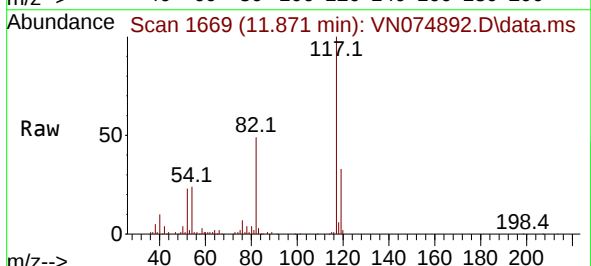
Tgt Ion:117 Resp: 334445

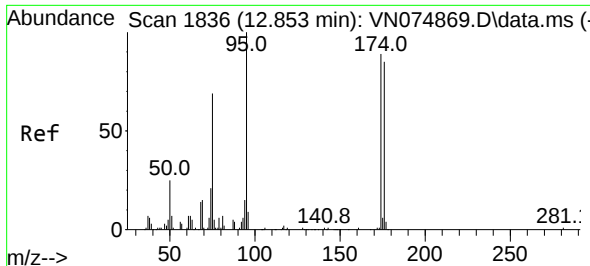
Ion Ratio Lower Upper

117 100

82 54.1 44.6 67.0

119 31.9 25.6 38.4

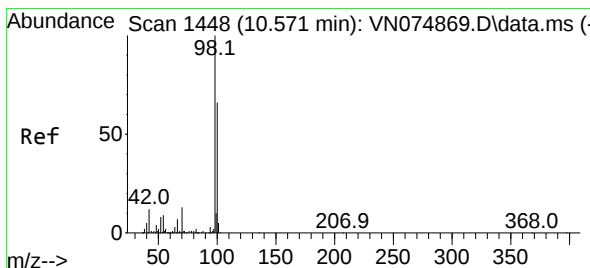
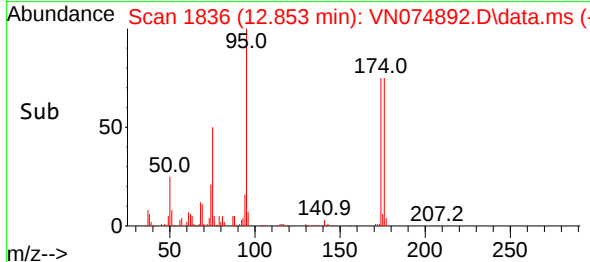
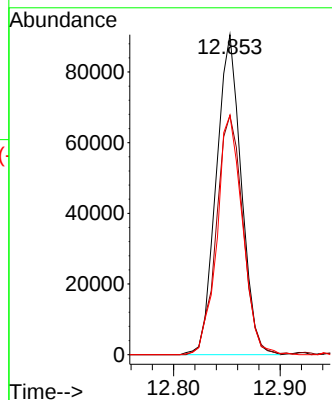
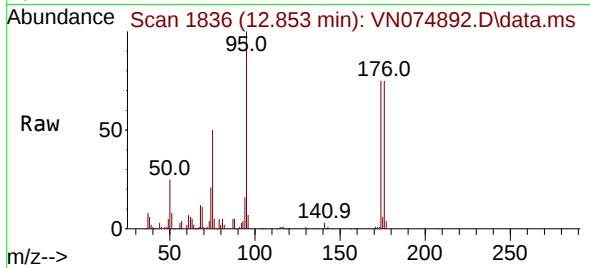




#60
4-Bromofluorobenzene
Concen: 24.889 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN074892.D
Acq: 13 Oct 2022 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

Tgt Ion: 95 Resp: 147618
Ion Ratio Lower Upper
95 100
174 79.2 57.8 86.8
176 76.1 57.0 85.4



#63
Toluene-d8
Concen: 30.258 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074892.D
Acq: 13 Oct 2022 12:50

Tgt Ion: 98 Resp: 584052
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

