

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079201.D
 Acq On : 08 Sep 2023 16:41
 Operator : JC\MD
 Sample : 04343-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-2-23RD-ST

Quant Time: Sep 08 23:17:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	18685	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	92251	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	81980	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	44625	31.788	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.967%
60) 4-Bromofluorobenzene	12.853	95	26824	22.207	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	74.033%
63) Toluene-d8	10.571	98	113554	29.639	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.800%

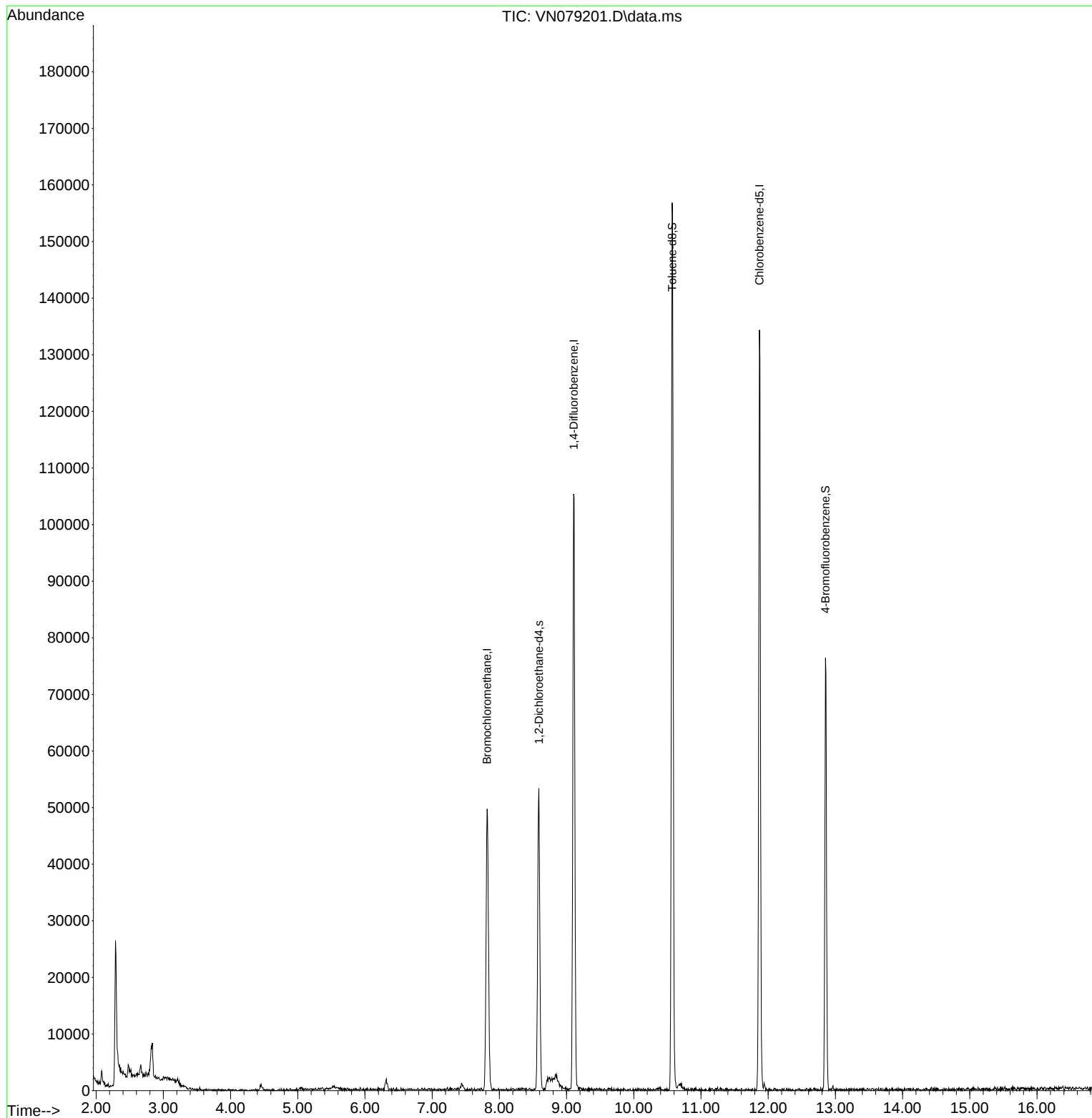
Target Compounds	Qvalue

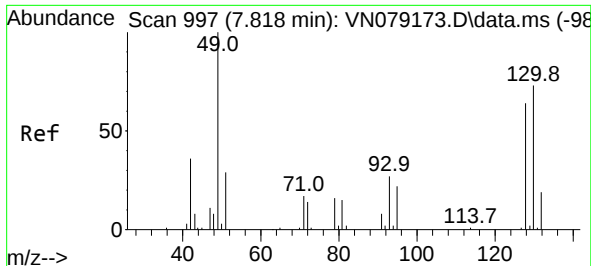
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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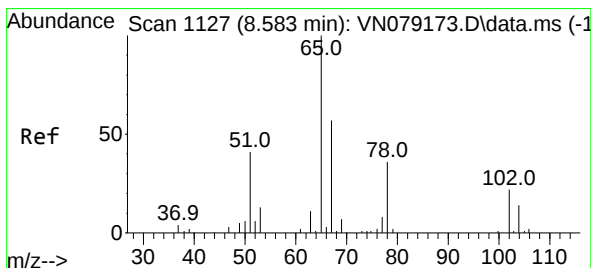
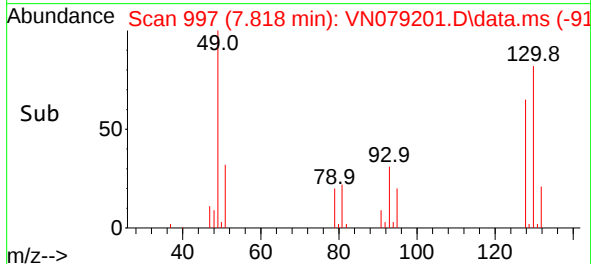
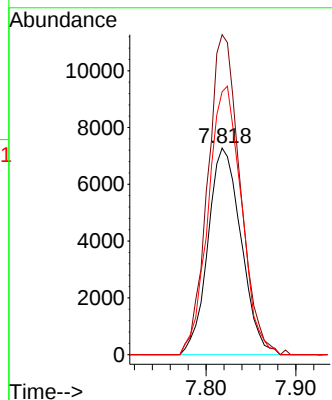
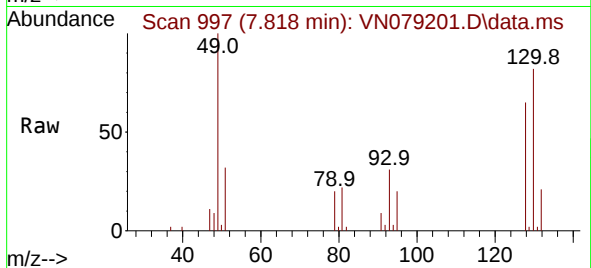




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079201.D
Acq: 08 Sep 2023 16:41

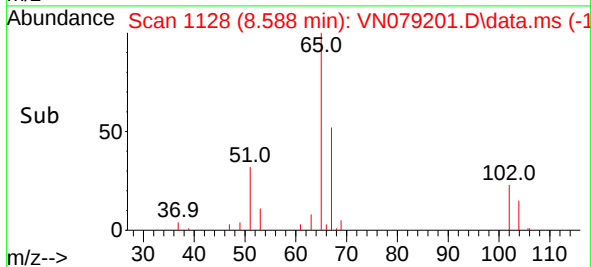
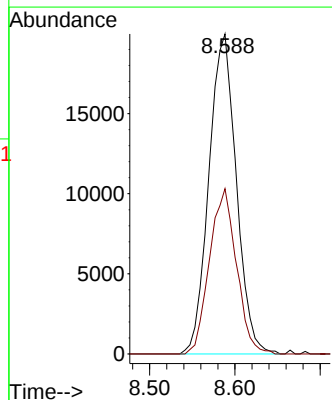
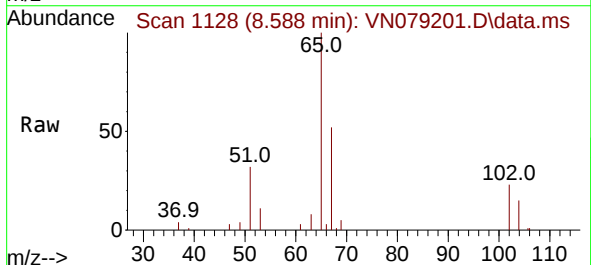
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-2-23RD-ST

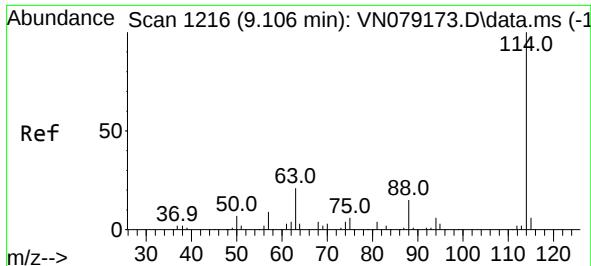
Tgt Ion:128 Resp: 18685
Ion Ratio Lower Upper
128 100
49 151.0 0.0 414.3
130 130.1 0.0 311.0



#27
1,2-Dichloroethane-d4
Concen: 31.788 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079201.D
Acq: 08 Sep 2023 16:41

Tgt Ion: 65 Resp: 44625
Ion Ratio Lower Upper
65 100
67 50.8 44.4 66.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079201.D

Acq: 08 Sep 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-2-23RD-ST

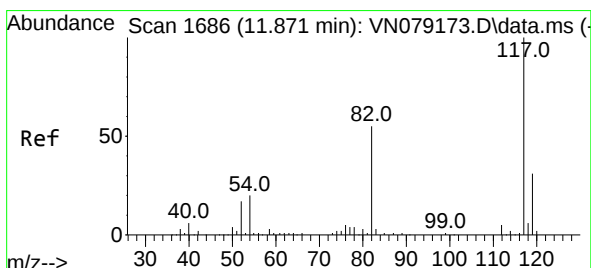
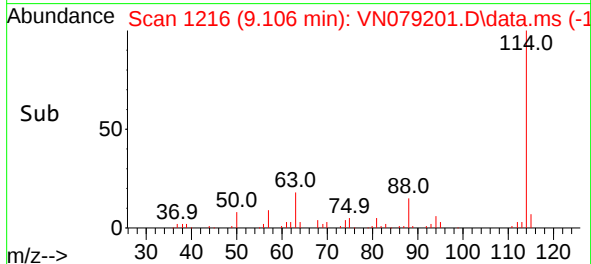
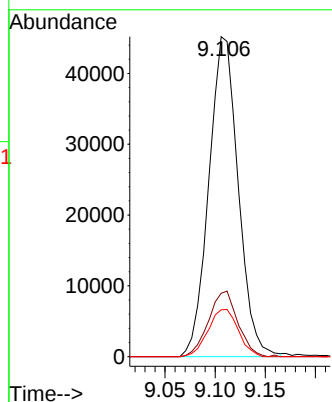
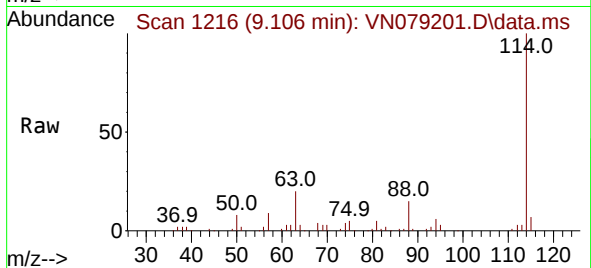
Tgt Ion:114 Resp: 92251

Ion Ratio Lower Upper

114 100

63 20.4 17.0 25.4

88 15.2 12.8 19.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN079201.D

Acq: 08 Sep 2023 16:41

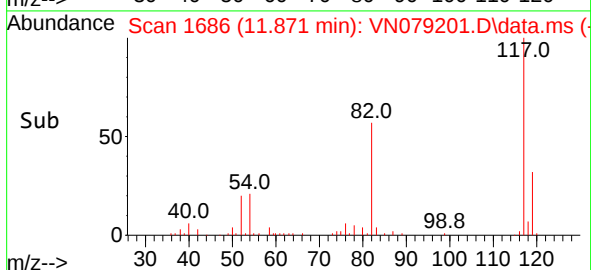
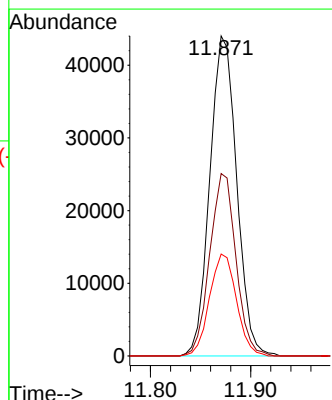
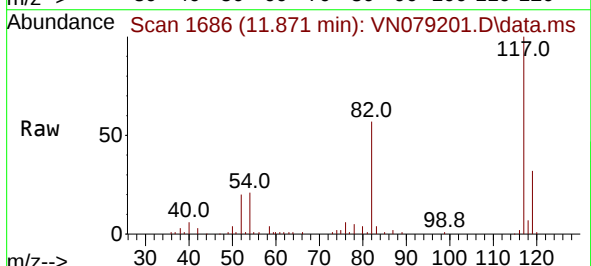
Tgt Ion:117 Resp: 81980

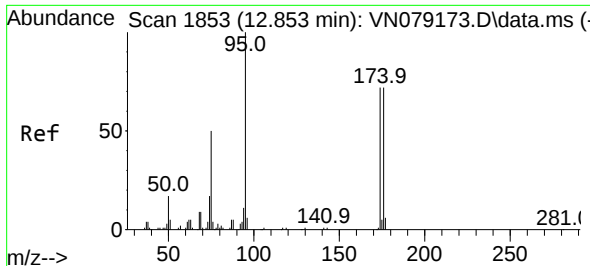
Ion Ratio Lower Upper

117 100

82 55.6 44.7 67.1

119 31.9 24.9 37.3

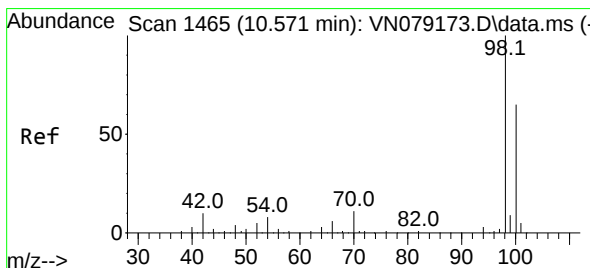
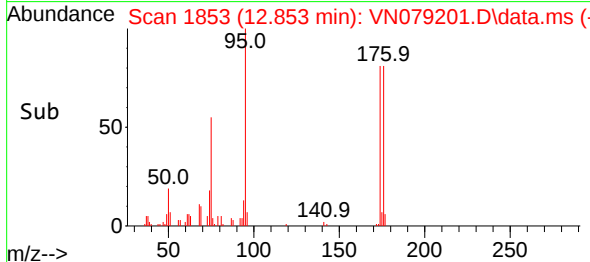
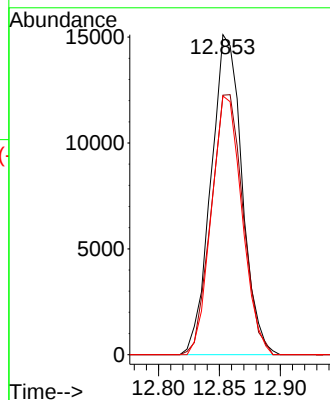
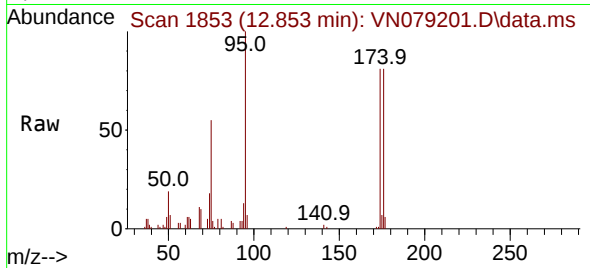




#60
4-Bromofluorobenzene
Concen: 22.207 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079201.D
Acq: 08 Sep 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-2-23RD-ST

Tgt Ion: 95 Resp: 26824
Ion Ratio Lower Upper
95 100
174 83.1 59.5 89.3
176 79.4 59.1 88.7



#63
Toluene-d8
Concen: 29.639 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079201.D
Acq: 08 Sep 2023 16:41

Tgt Ion: 98 Resp: 113554
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7

