

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079211.D
 Acq On : 11 Sep 2023 11:42
 Operator : JC\MD
 Sample : VN0911WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBL01

Quant Time: Sep 12 02:45:34 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	21229	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	112353	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	92851	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	51050	32.007	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.700%
60) 4-Bromofluorobenzene	12.853	95	31632	23.121	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.067%
63) Toluene-d8	10.571	98	131372	30.275	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.933%

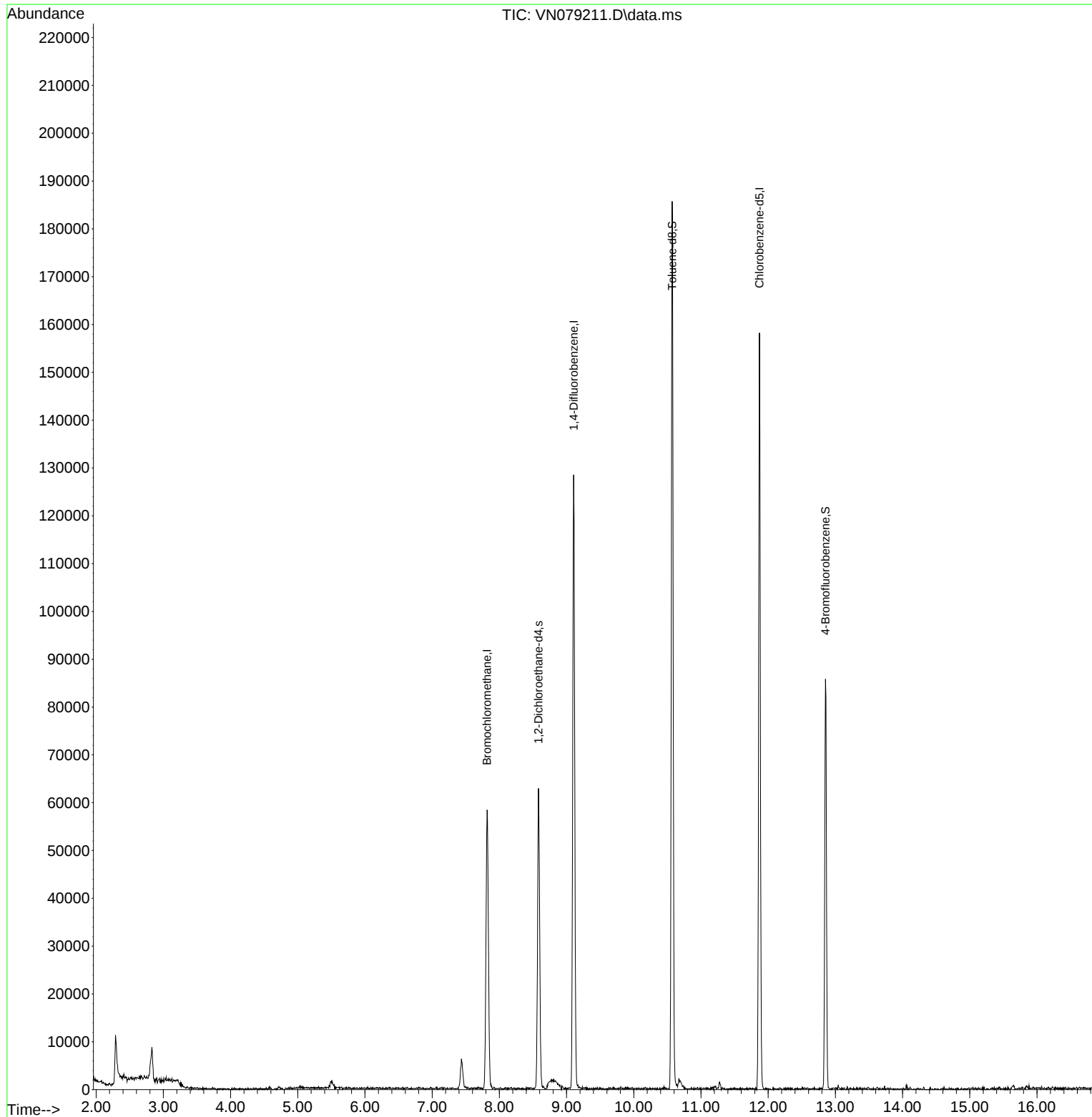
Target Compounds	Qvalue

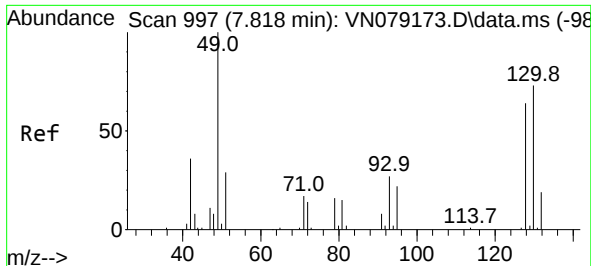
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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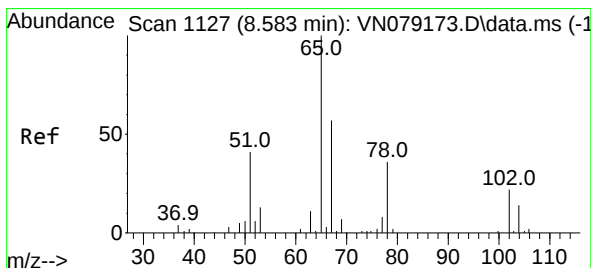
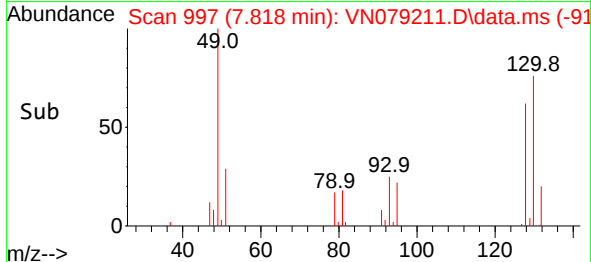
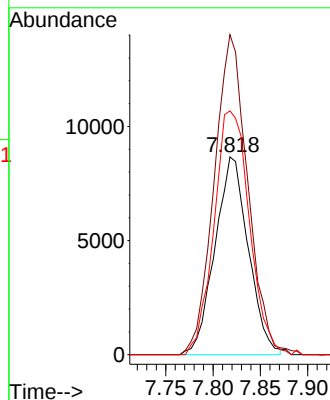
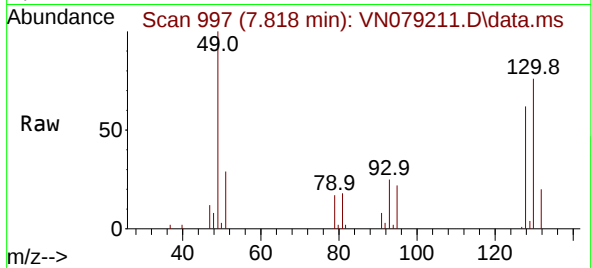




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079211.D
Acq: 11 Sep 2023 11:42

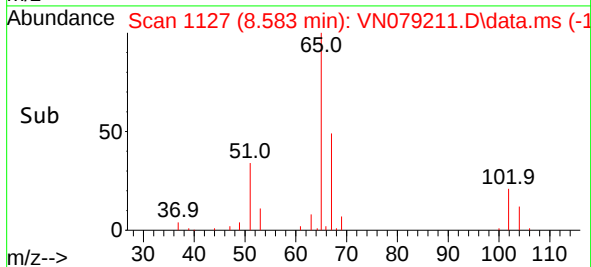
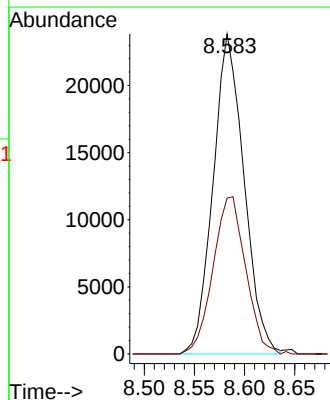
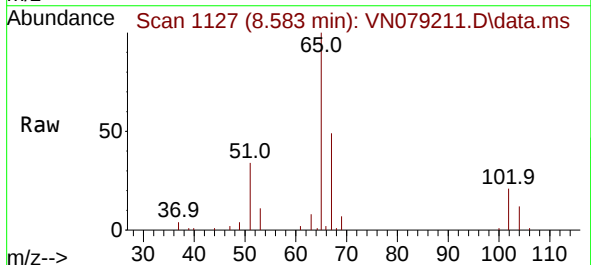
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

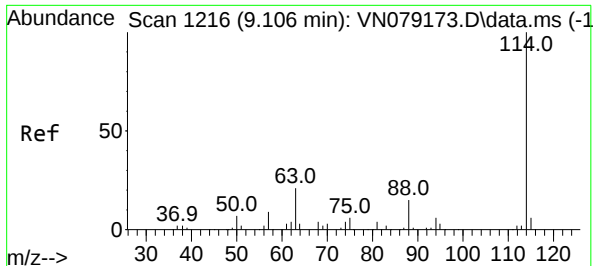
Tgt Ion:128 Resp: 21229
Ion Ratio Lower Upper
128 100
49 163.0 0.0 414.3
130 131.2 0.0 311.0



#27
1,2-Dichloroethane-d4
Concen: 32.007 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079211.D
Acq: 11 Sep 2023 11:42

Tgt Ion: 65 Resp: 51050
Ion Ratio Lower Upper
65 100
67 51.8 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: VN079211.D

Acq: 11 Sep 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBL01

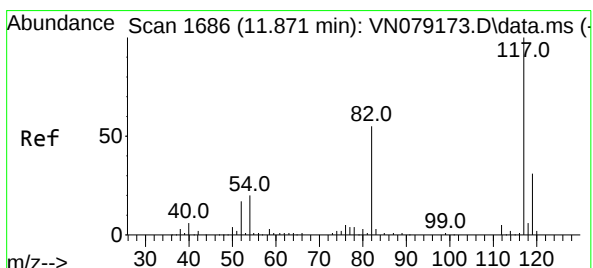
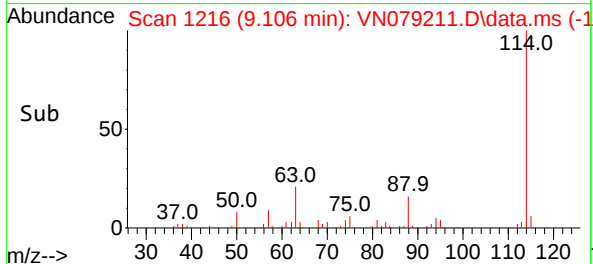
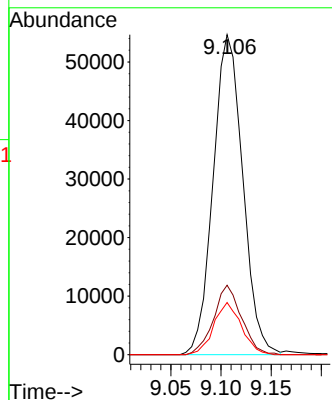
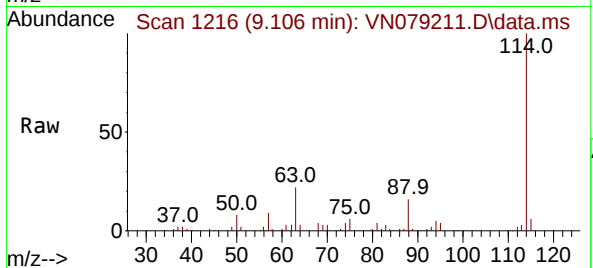
Tgt Ion:114 Resp: 112353

Ion Ratio Lower Upper

114 100

63 20.5 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: VN079211.D

Acq: 11 Sep 2023 11:42

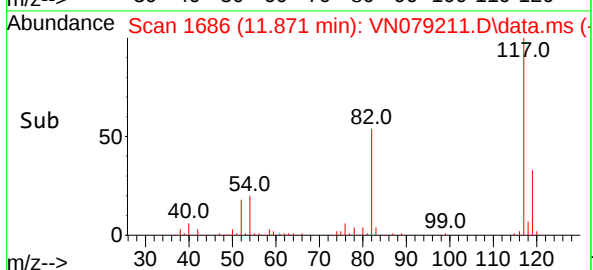
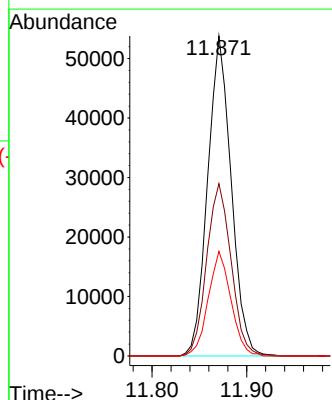
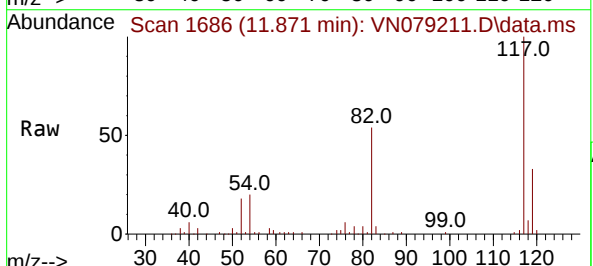
Tgt Ion:117 Resp: 92851

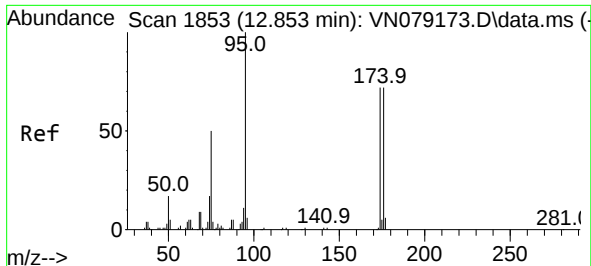
Ion Ratio Lower Upper

117 100

82 55.8 44.7 67.1

119 31.5 24.9 37.3

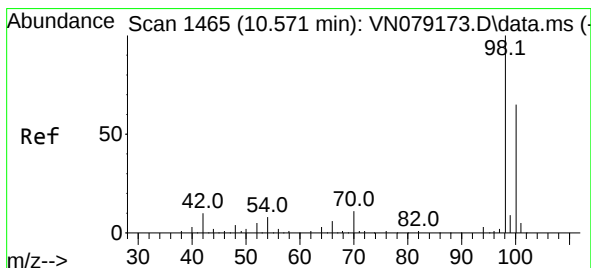
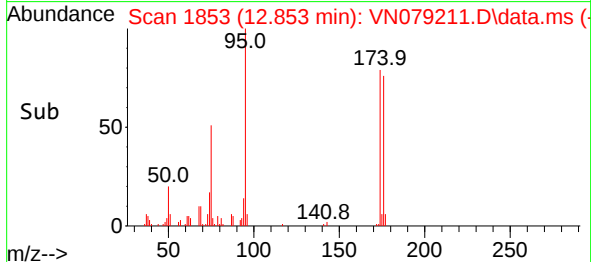
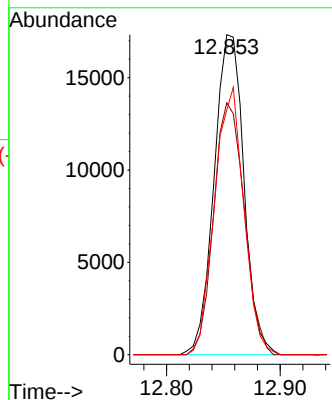
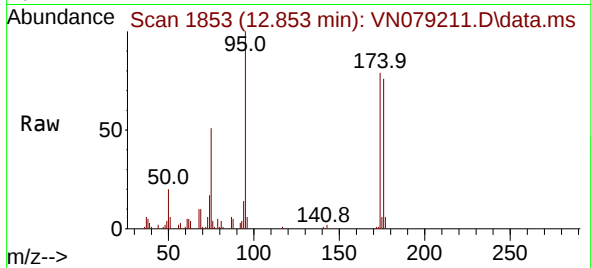




#60
4-Bromofluorobenzene
Concen: 23.121 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079211.D
Acq: 11 Sep 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Tgt Ion: 95 Resp: 31632
Ion Ratio Lower Upper
95 100
174 81.0 59.5 89.3
176 81.7 59.1 88.7



#63
Toluene-d8
Concen: 30.275 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079211.D
Acq: 11 Sep 2023 11:42

Tgt Ion: 98 Resp: 131372
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

