

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079622.D
 Acq On : 20 Oct 2023 12:29
 Operator : JC\MD
 Sample : VN1020WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBL01

Quant Time: Oct 20 23:48:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	18967	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	127463	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	148558	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	82745	30.684	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.267%
60) 4-Bromofluorobenzene	12.853	95	56038	20.627	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	68.767%
63) Toluene-d8	10.571	98	183317	28.797	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.000%

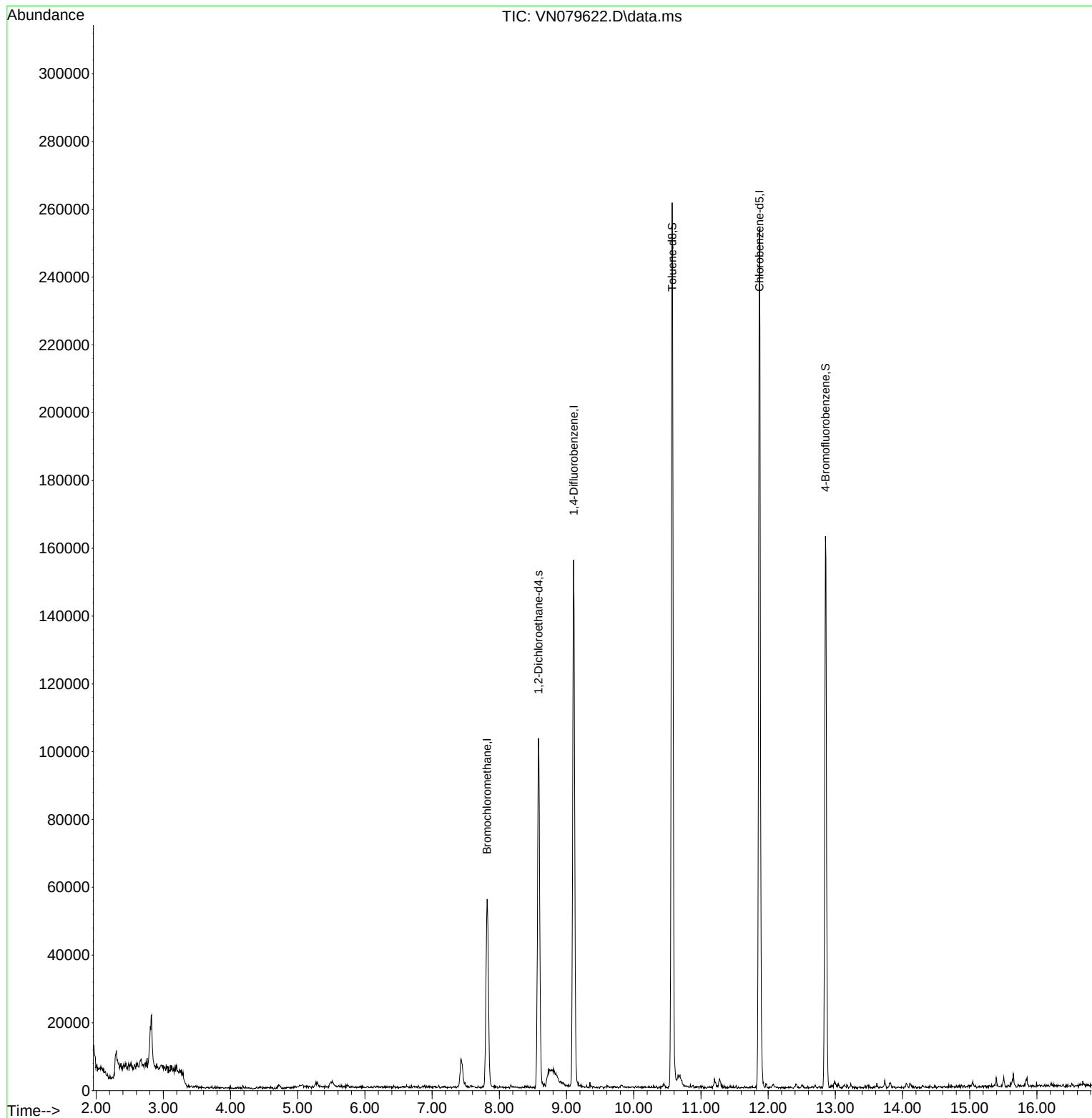
Target Compounds	Qvalue

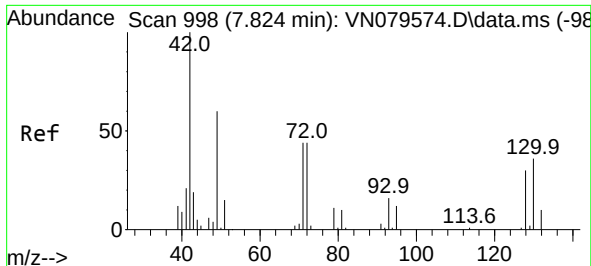
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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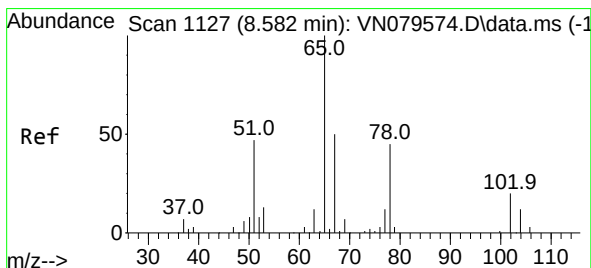
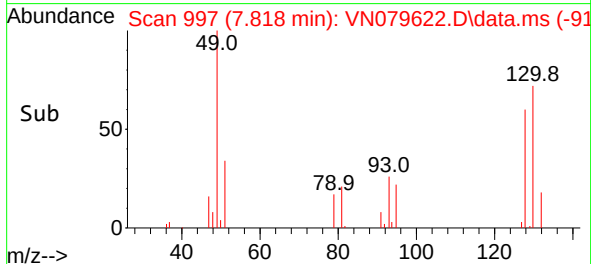
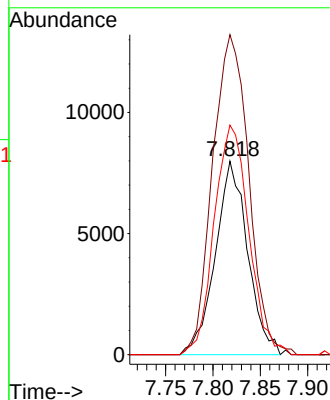
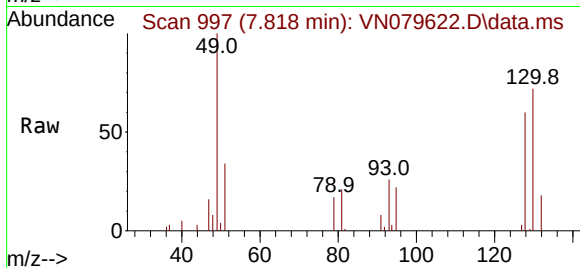




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN079622.D
Acq: 20 Oct 2023 12:29

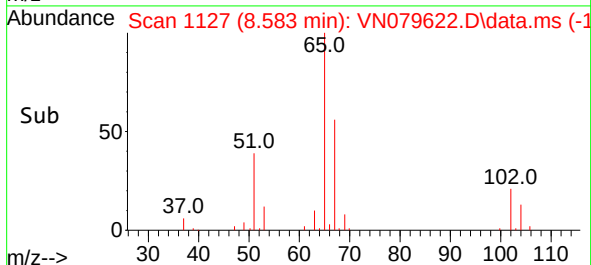
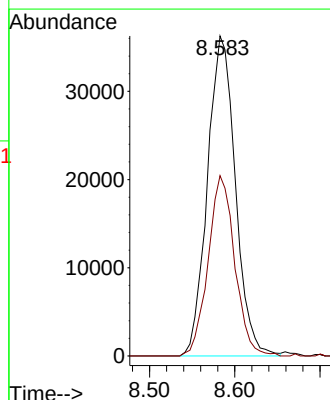
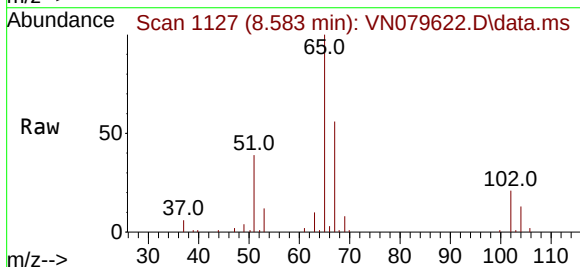
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBL01

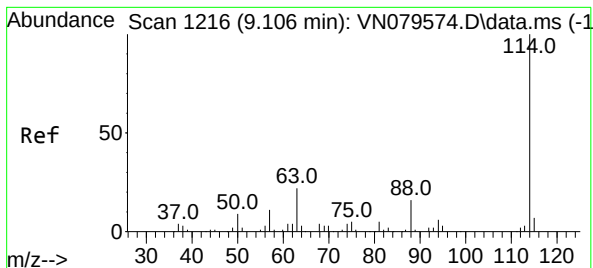
Tgt Ion:128 Resp: 18967
Ion Ratio Lower Upper
128 100
49 185.2 0.0 468.5
130 126.1 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 30.684 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079622.D
Acq: 20 Oct 2023 12:29

Tgt Ion: 65 Resp: 82745
Ion Ratio Lower Upper
65 100
67 53.5 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079622.D

Acq: 20 Oct 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBL01

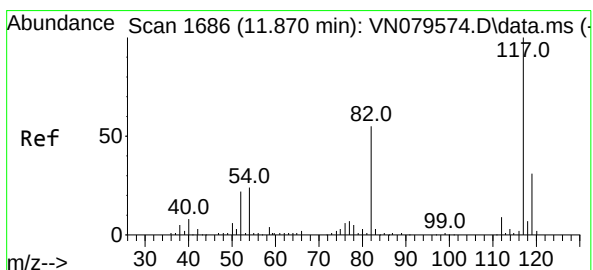
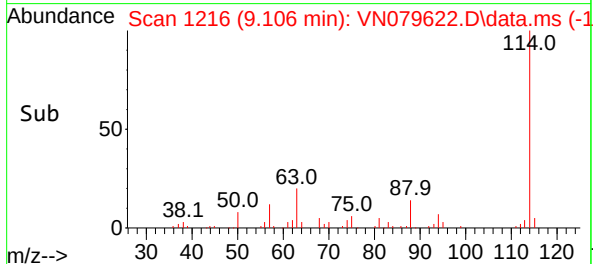
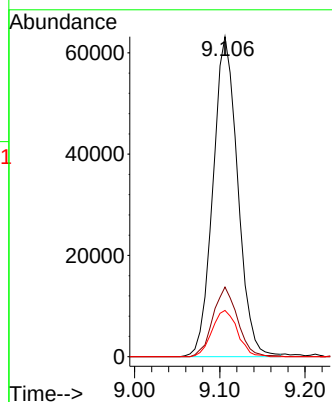
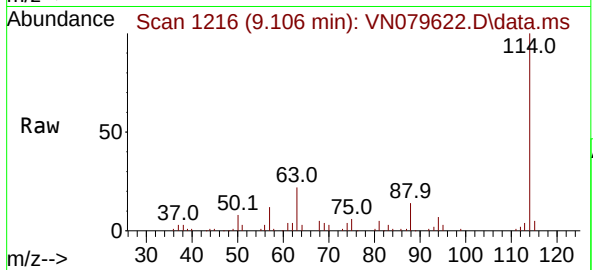
Tgt Ion:114 Resp: 127463

Ion Ratio Lower Upper

114 100

63 21.5 18.1 27.1

88 14.8 12.2 18.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN079622.D

Acq: 20 Oct 2023 12:29

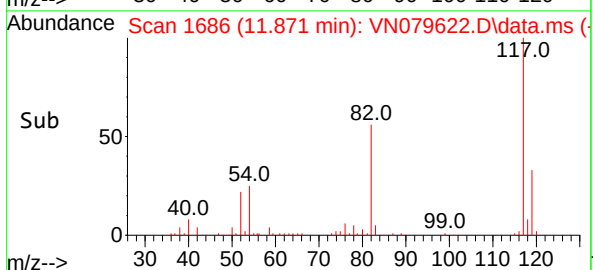
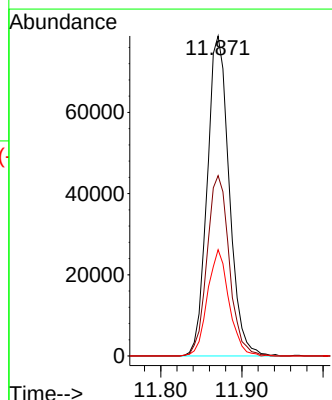
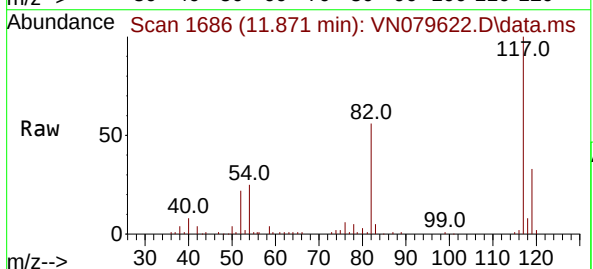
Tgt Ion:117 Resp: 148558

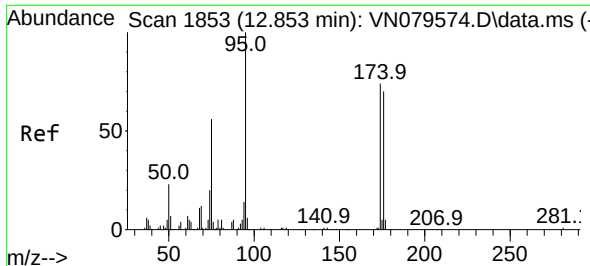
Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.2

119 32.5 25.2 37.8

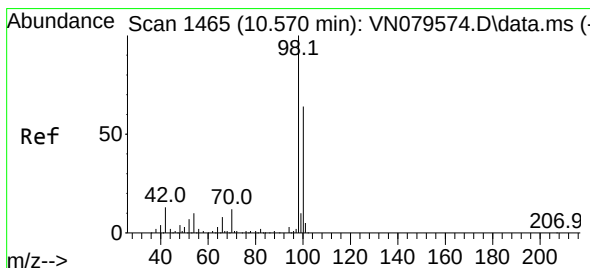
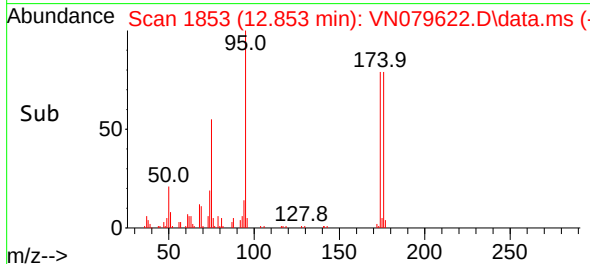
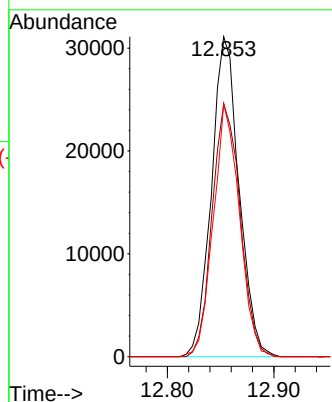
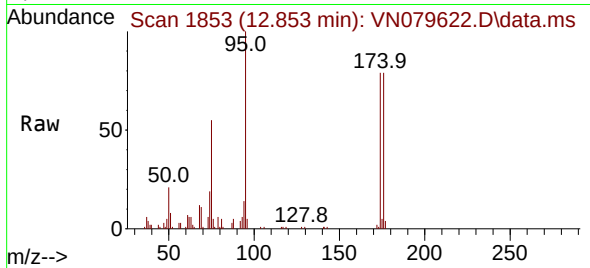




#60
4-Bromofluorobenzene
Concen: 20.627 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079622.D
Acq: 20 Oct 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBL01

Tgt Ion: 95 Resp: 56038
Ion Ratio Lower Upper
95 100
174 80.3 60.5 90.7
176 74.9 57.2 85.8



#63
Toluene-d8
Concen: 28.797 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079622.D
Acq: 20 Oct 2023 12:29

Tgt Ion: 98 Resp: 183317
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

