

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080262.D
 Acq On : 24 Nov 2023 14:42
 Operator : JC\MD
 Sample : 05525-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP11

Quant Time: Nov 27 04:07:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	15547	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	110643	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	132845	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	75525	57.871	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	192.900%#
60) 4-Bromofluorobenzene	12.853	95	71879	33.835	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	112.767%#
63) Toluene-d8	10.571	98	156439	24.853	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	82.833%#

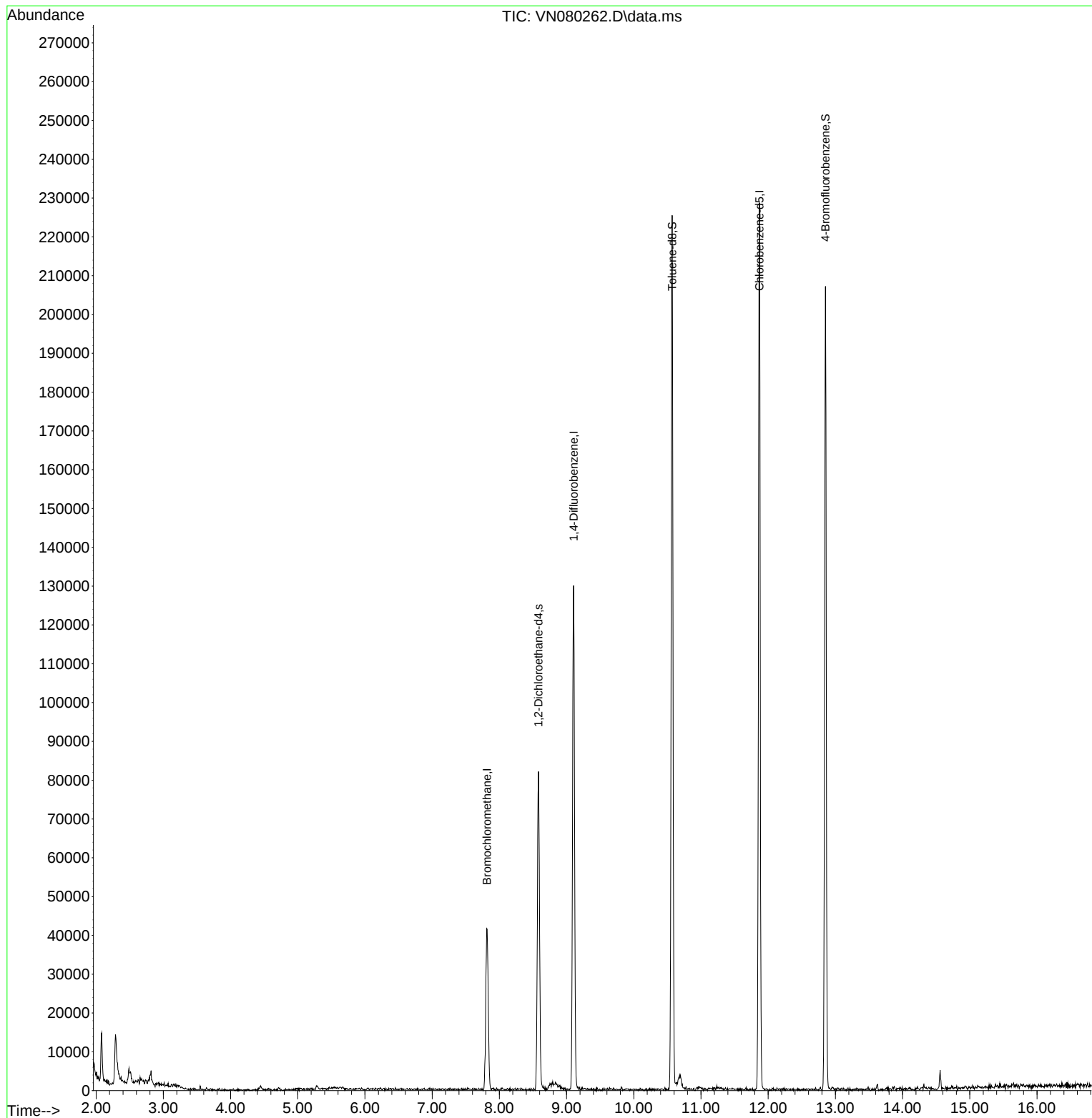
Target Compounds	Qvalue

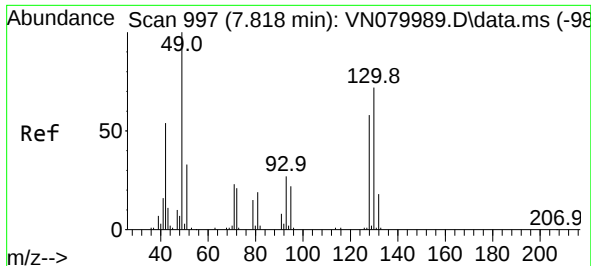
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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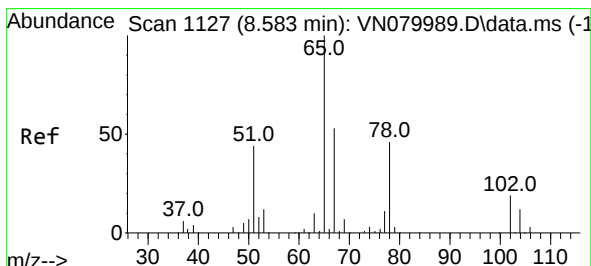
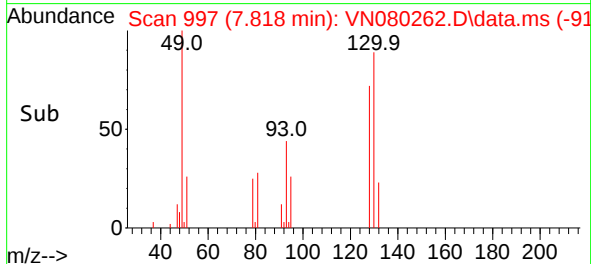
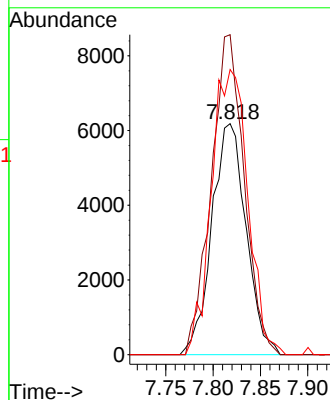
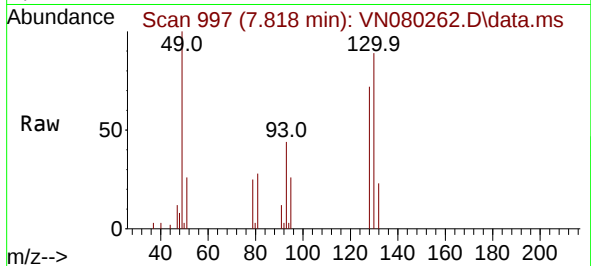




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080262.D
Acq: 24 Nov 2023 14:42

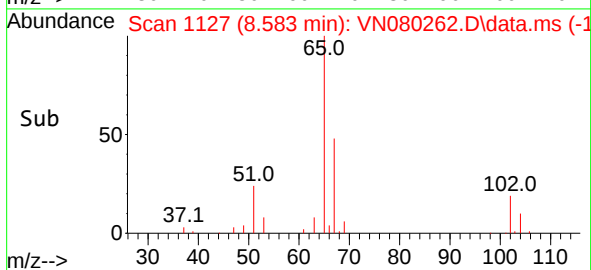
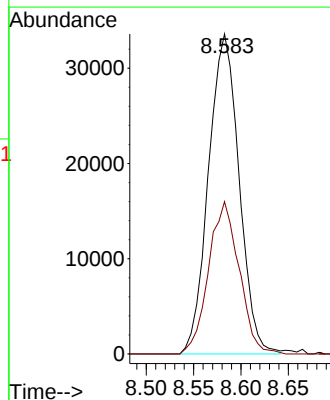
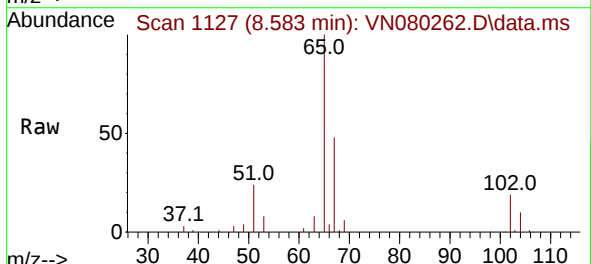
Instrument :
MSVOA_N
ClientSampleId :
TWP11

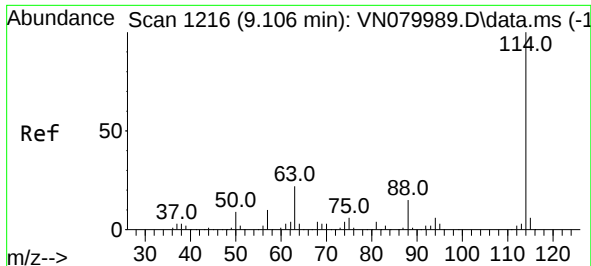
Tgt Ion:128 Resp: 15547
Ion Ratio Lower Upper
128 100
49 133.5 0.0 468.5
130 57.6 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 57.871 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN080262.D
Acq: 24 Nov 2023 14:42

Tgt Ion: 65 Resp: 75525
Ion Ratio Lower Upper
65 100
67 47.6 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 110643

Delta R.T. 0.000 min

Lab File: VN080262.D

Acq: 24 Nov 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

TWP11

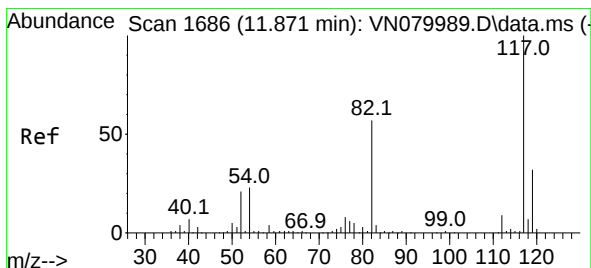
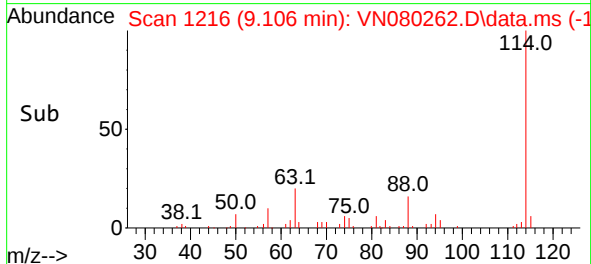
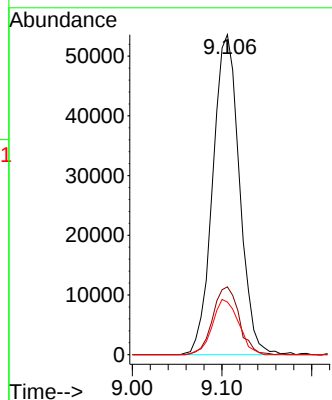
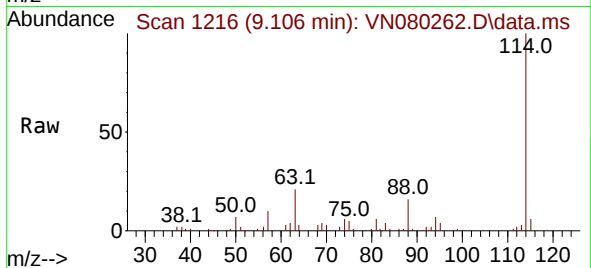
Tgt Ion:114 Resp: 110643

Ion Ratio Lower Upper

114 100

63 20.9 18.1 27.1

88 17.0 12.2 18.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.001 min

Lab File: VN080262.D

Acq: 24 Nov 2023 14:42

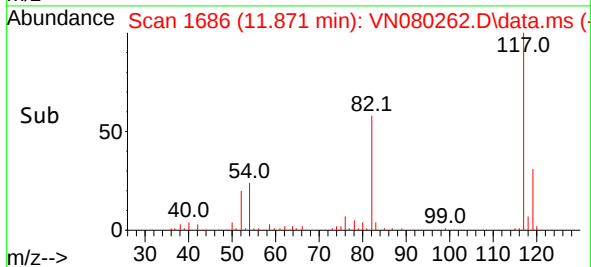
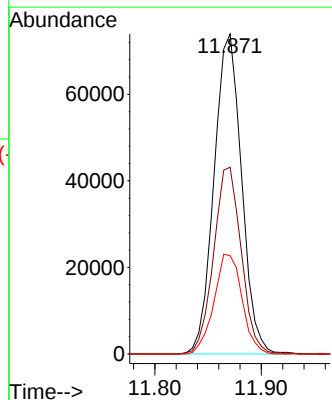
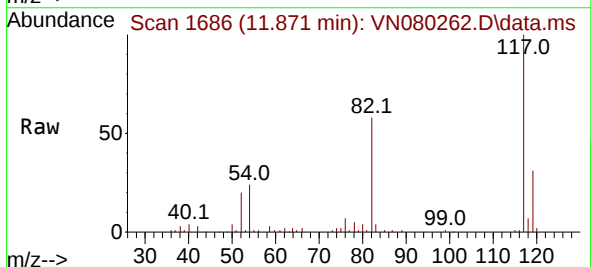
Tgt Ion:117 Resp: 132845

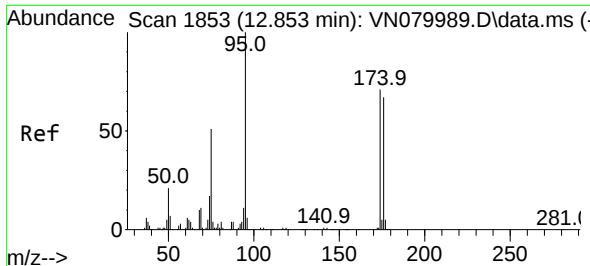
Ion Ratio Lower Upper

117 100

82 58.4 46.2 69.2

119 31.7 25.2 37.8

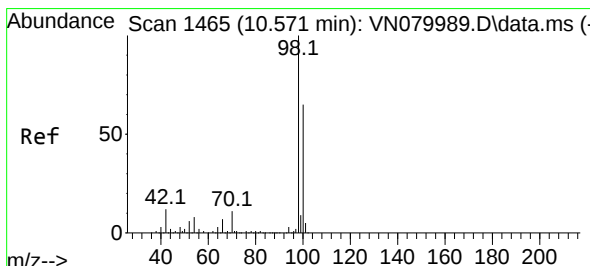
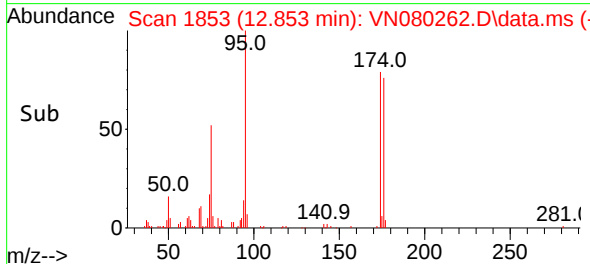
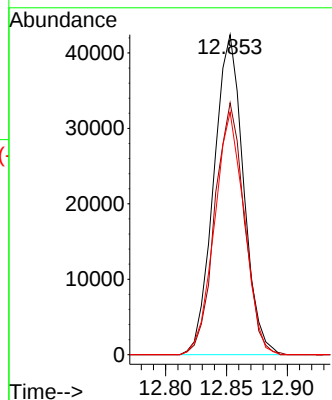
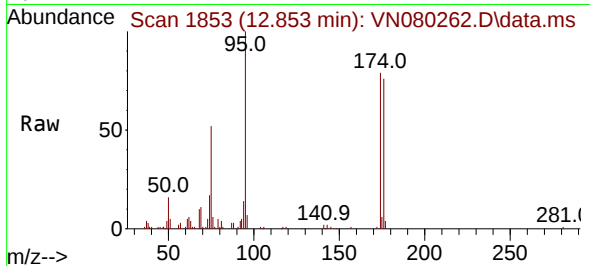




#60
4-Bromofluorobenzene
Concen: 33.835 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080262.D
Acq: 24 Nov 2023 14:42

Instrument :
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Tgt Ion: 95 Resp: 71879
Ion Ratio Lower Upper
95 100
174 78.1 60.5 90.7
176 76.1 57.2 85.8



#63
Toluene-d8
Concen: 24.853 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080262.D
Acq: 24 Nov 2023 14:42

Tgt Ion: 98 Resp: 156439
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4

