

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080258.D
 Acq On : 24 Nov 2023 13:08
 Operator : JC\MD
 Sample : VN1124WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBL02

Quant Time: Nov 27 04:06:40 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	7.812	128	38041	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	199630	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	177350	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	105131	32.923	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.733%
60) 4-Bromofluorobenzene	12.853	95	75643	26.671	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.900%
63) Toluene-d8	10.571	98	240226	28.587	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.300%

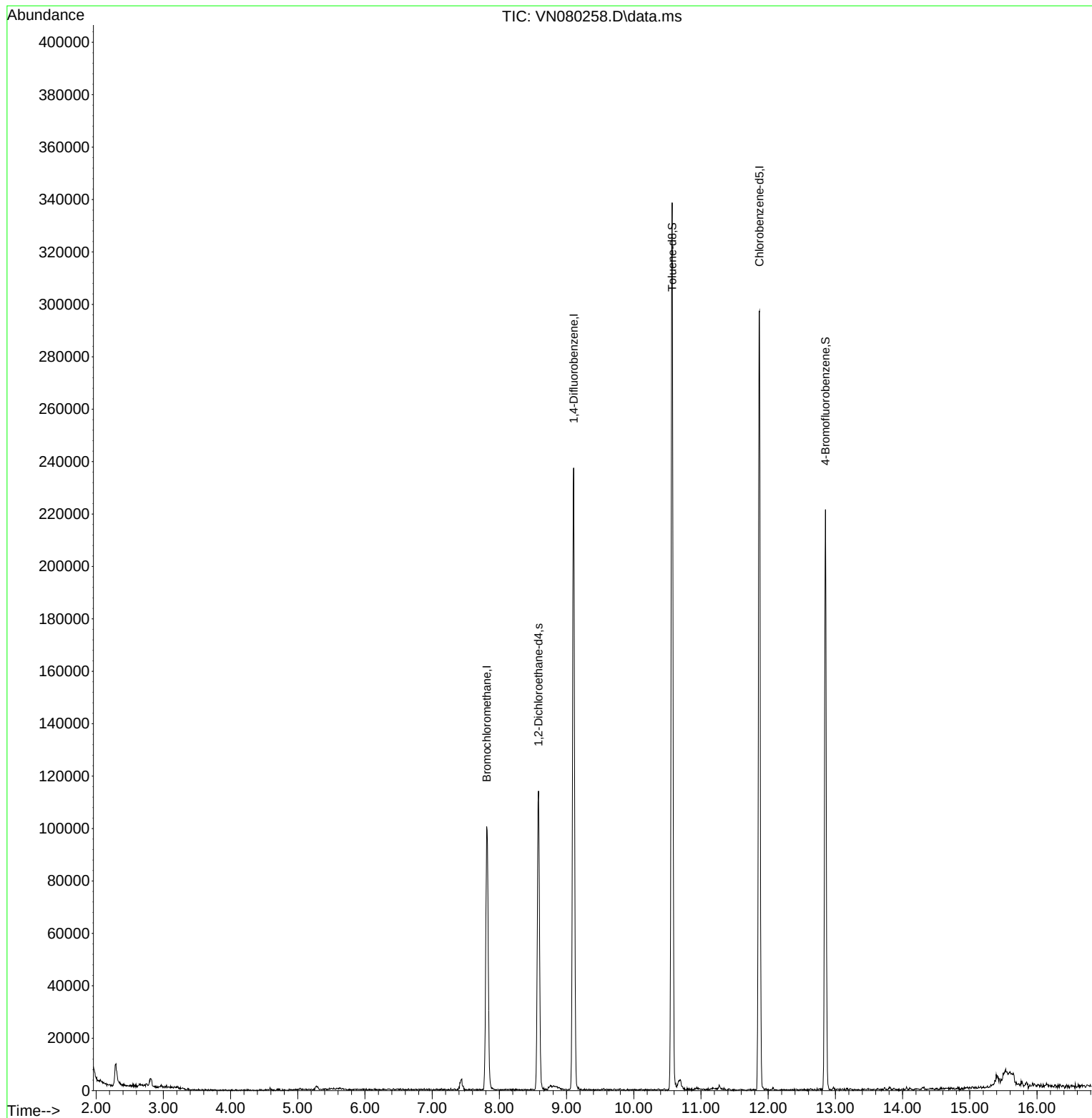
Target Compounds	Qvalue

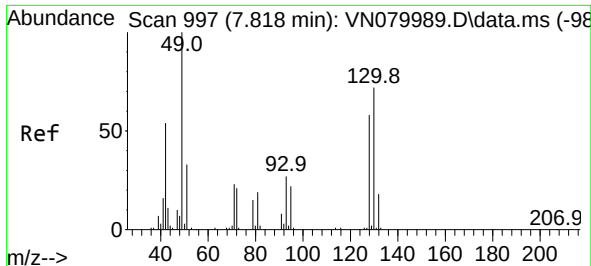
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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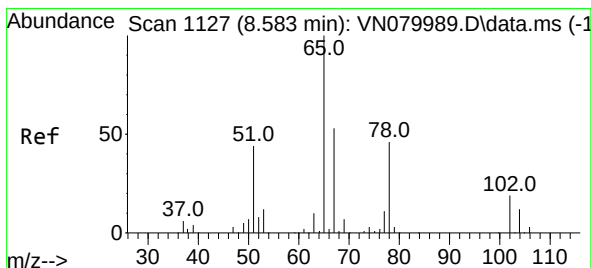
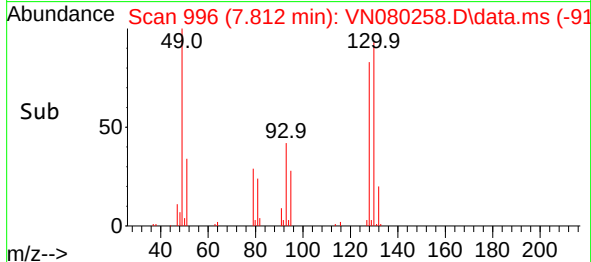
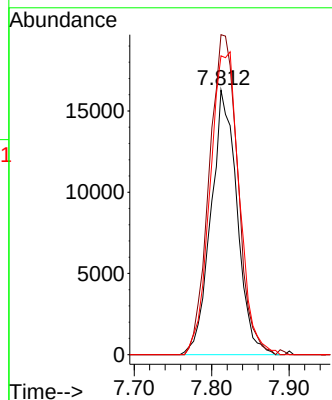
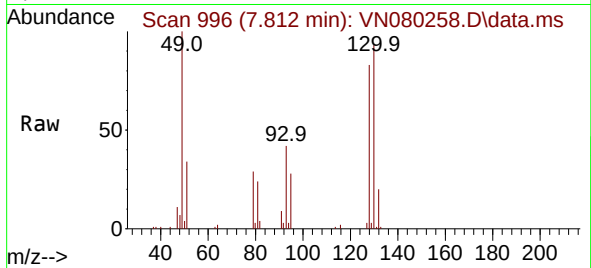




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN080258.D
Acq: 24 Nov 2023 13:08

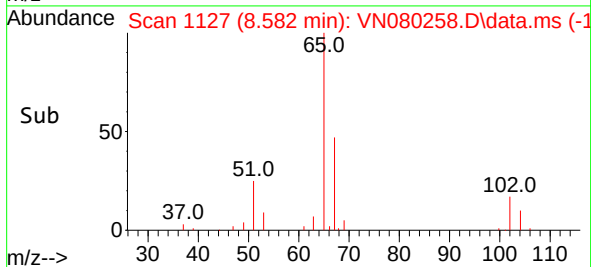
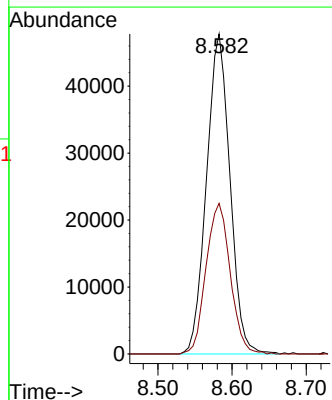
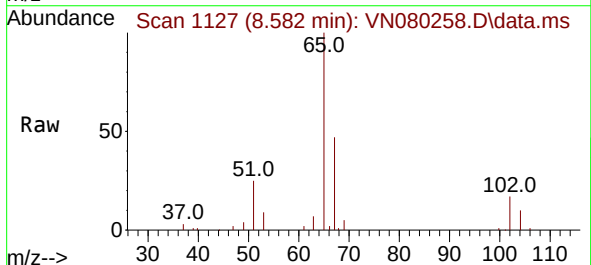
Instrument :
MSVOA_N
ClientSampleId :
VN1124WBL02

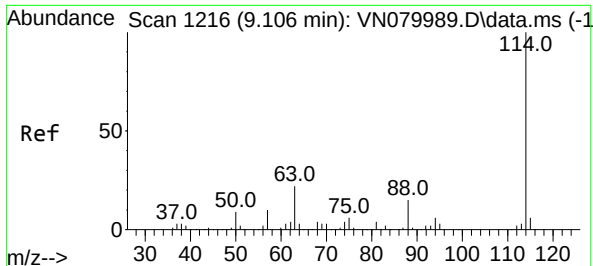
Tgt Ion:128 Resp: 38041
Ion Ratio Lower Upper
128 100
49 132.8 0.0 468.5
130 128.3 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 32.923 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080258.D
Acq: 24 Nov 2023 13:08

Tgt Ion: 65 Resp: 105131
Ion Ratio Lower Upper
65 100
67 48.5 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: VN080258.D

Acq: 24 Nov 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBL02

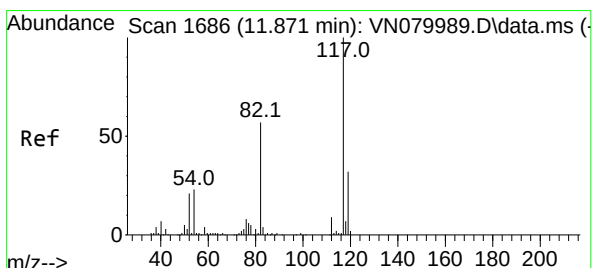
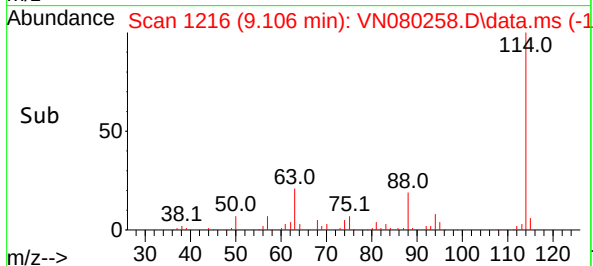
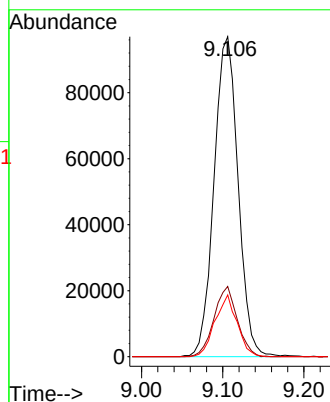
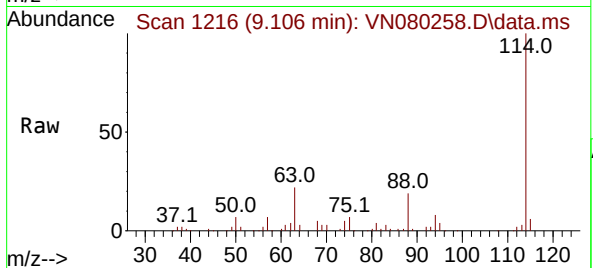
Tgt Ion:114 Resp: 199630

Ion Ratio Lower Upper

114 100

63 21.2 18.1 27.1

88 17.8 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: VN080258.D

Acq: 24 Nov 2023 13:08

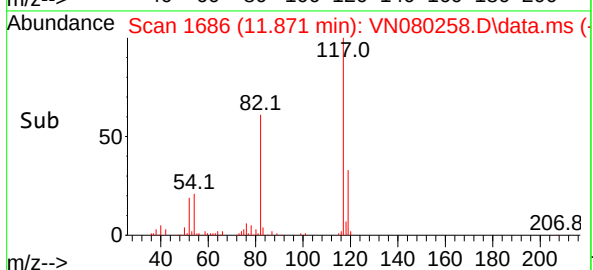
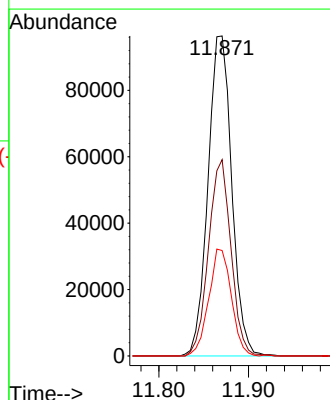
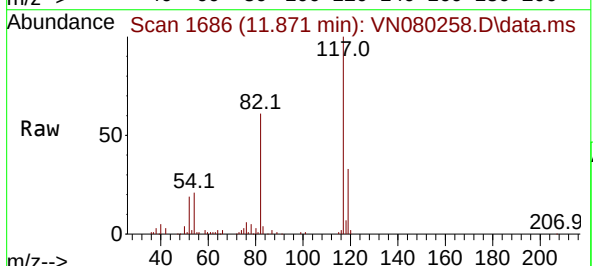
Tgt Ion:117 Resp: 177350

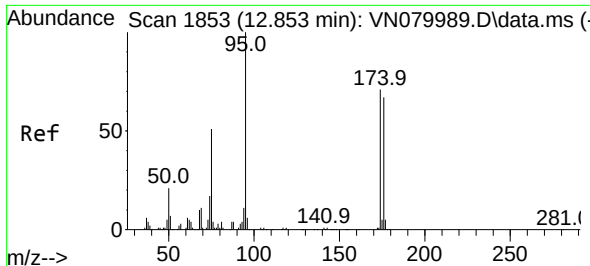
Ion Ratio Lower Upper

117 100

82 58.0 46.2 69.2

119 31.8 25.2 37.8

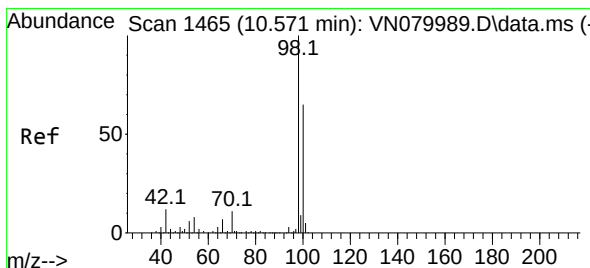
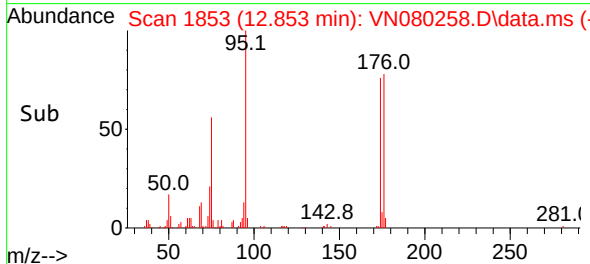
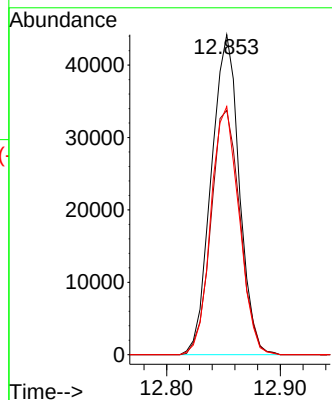
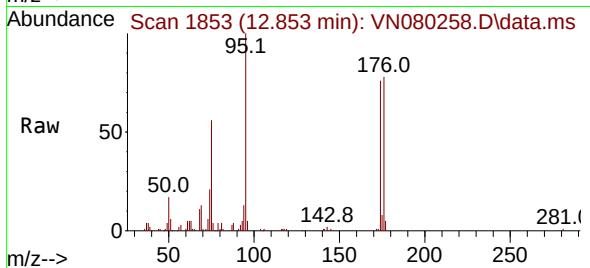




#60
4-Bromofluorobenzene
Concen: 26.671 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080258.D
Acq: 24 Nov 2023 13:08

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBL02

Tgt Ion: 95 Resp: 75643
Ion Ratio Lower Upper
95 100
174 79.2 60.5 90.7
176 78.2 57.2 85.8



#63
Toluene-d8
Concen: 28.587 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080258.D
Acq: 24 Nov 2023 13:08

Tgt Ion: 98 Resp: 240226
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4

