

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080991.D
 Acq On : 09 Feb 2024 15:58
 Operator : JC\MD
 Sample : P1415-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240207070-05-TRIP-BLANK

Quant Time: Feb 10 02:03:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	64034	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	358221	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	311404	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	147676	30.692	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.300%
60) 4-Bromofluorobenzene	12.853	95	127501	26.782	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.267%
63) Toluene-d8	10.571	98	421241	30.143	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.467%

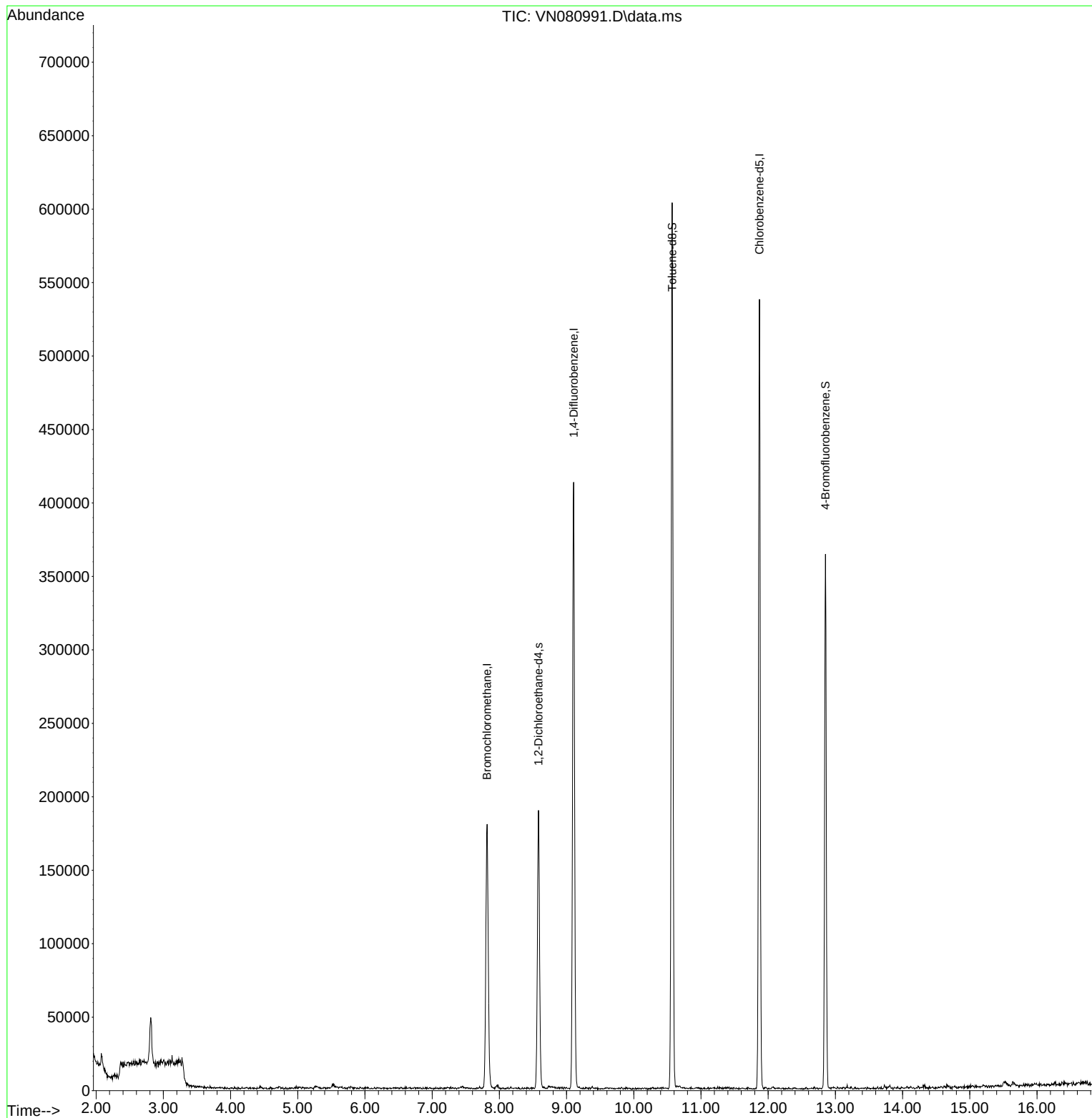
Target Compounds	Qvalue

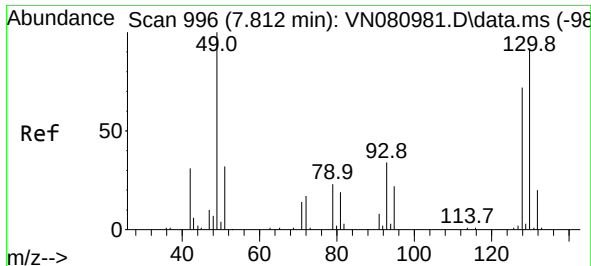
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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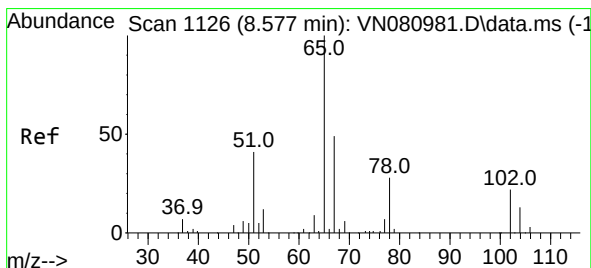
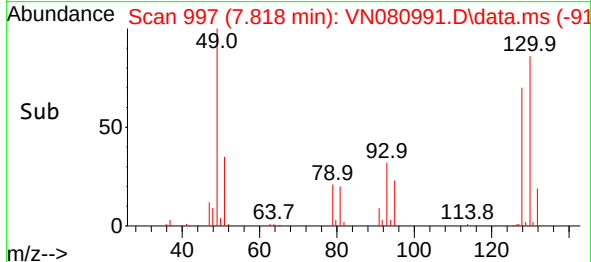
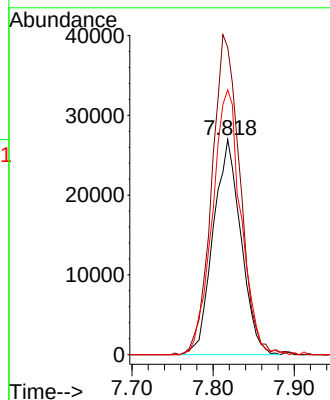
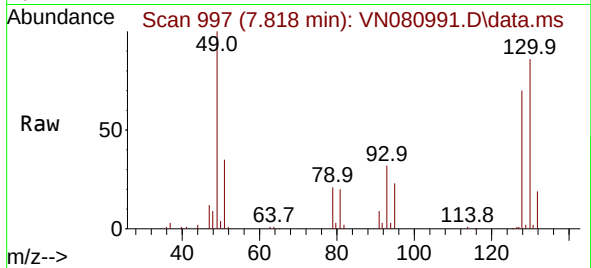




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN080991.D
Acq: 09 Feb 2024 15:58

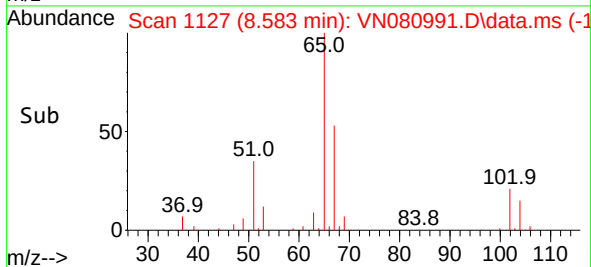
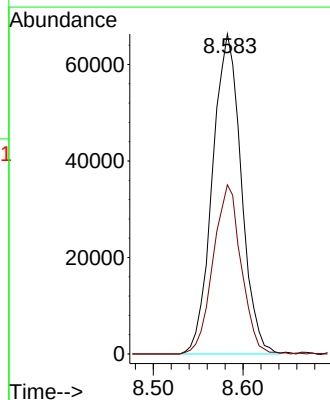
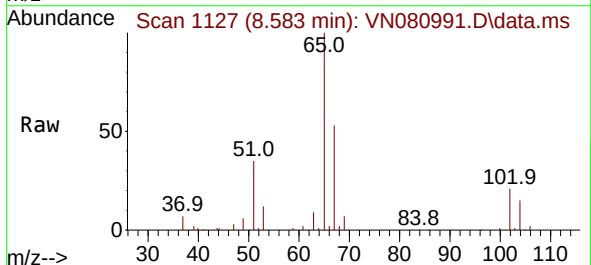
Instrument :
MSVOA_N
ClientSampleId :
240207070-05-TRIP-BLANK

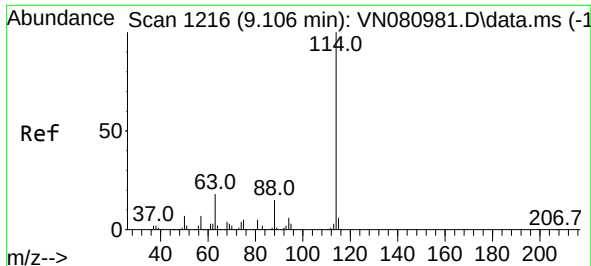
Tgt Ion:128 Resp: 64034
Ion Ratio Lower Upper
128 100
49 149.8 0.0 403.7
130 126.6 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.692 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080991.D
Acq: 09 Feb 2024 15:58

Tgt Ion: 65 Resp: 147676
Ion Ratio Lower Upper
65 100
67 51.4 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080991.D

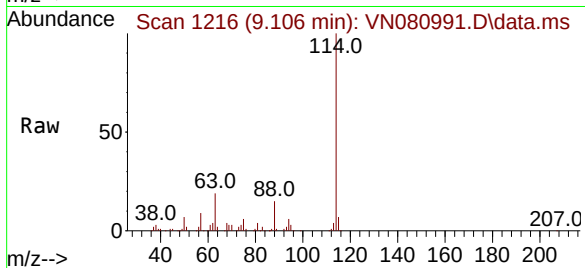
Acq: 09 Feb 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

240207070-05-TRIP-BLANK



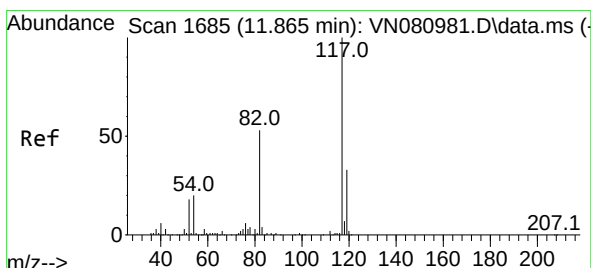
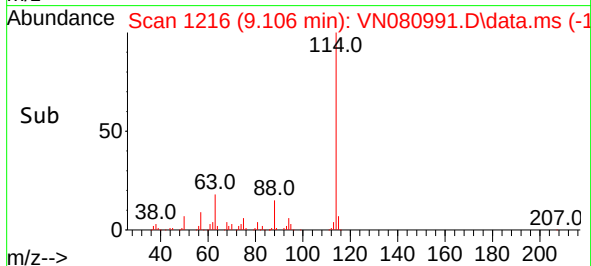
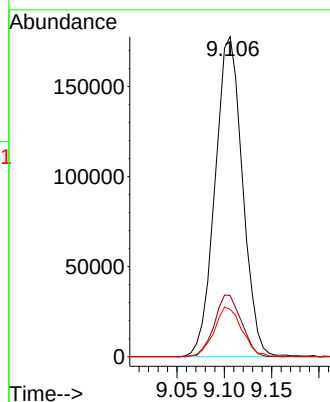
Tgt Ion:114 Resp: 358221

Ion Ratio Lower Upper

114 100

63 19.1 15.9 23.9

88 15.7 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VN080991.D

Acq: 09 Feb 2024 15:58

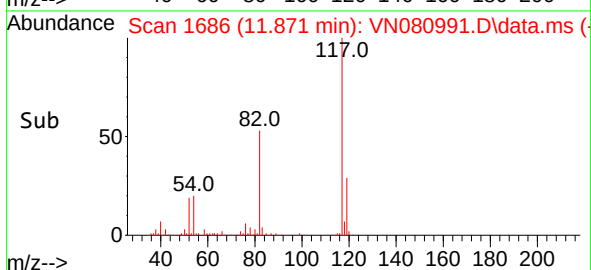
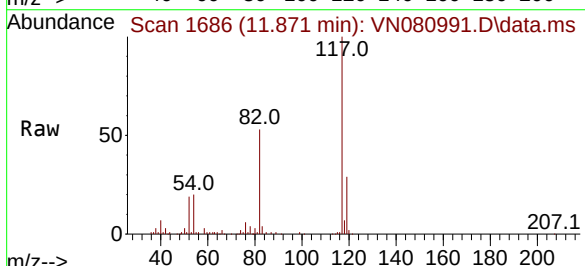
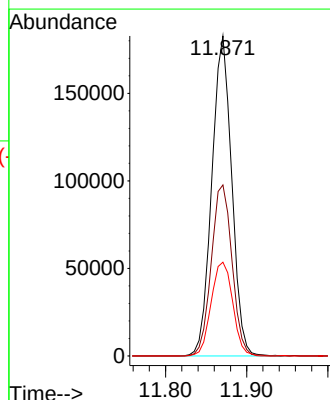
Tgt Ion:117 Resp: 311404

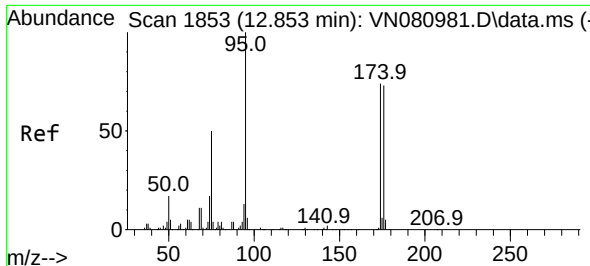
Ion Ratio Lower Upper

117 100

82 55.7 46.6 69.8

119 31.7 25.4 38.2

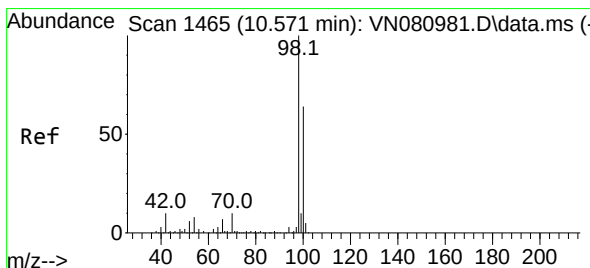
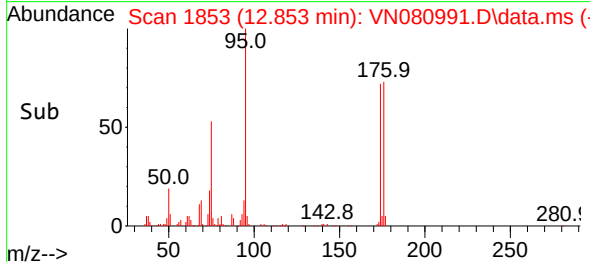
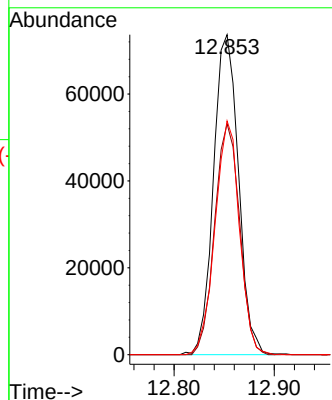
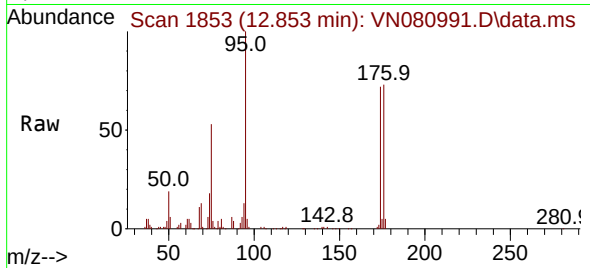




#60
4-Bromofluorobenzene
Concen: 26.782 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080991.D
Acq: 09 Feb 2024 15:58

Instrument :
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Tgt Ion: 95 Resp: 127501
Ion Ratio Lower Upper
95 100
174 72.1 60.5 90.7
176 71.5 57.8 86.6



#63
Toluene-d8
Concen: 30.143 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080991.D
Acq: 09 Feb 2024 15:58

Tgt Ion: 98 Resp: 421241
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1

