

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081698.D
 Acq On : 11 Apr 2024 15:50
 Operator : JC\MD
 Sample : P2076-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410059-03-TRIP-BLANK

Quant Time: Apr 12 06:02:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	22328	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	133042	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	171522	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	85812	31.284	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.267%
60) 4-Bromofluorobenzene	12.853	95	80844	23.974	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.900%
63) Toluene-d8	10.571	98	194373	28.251	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.167%

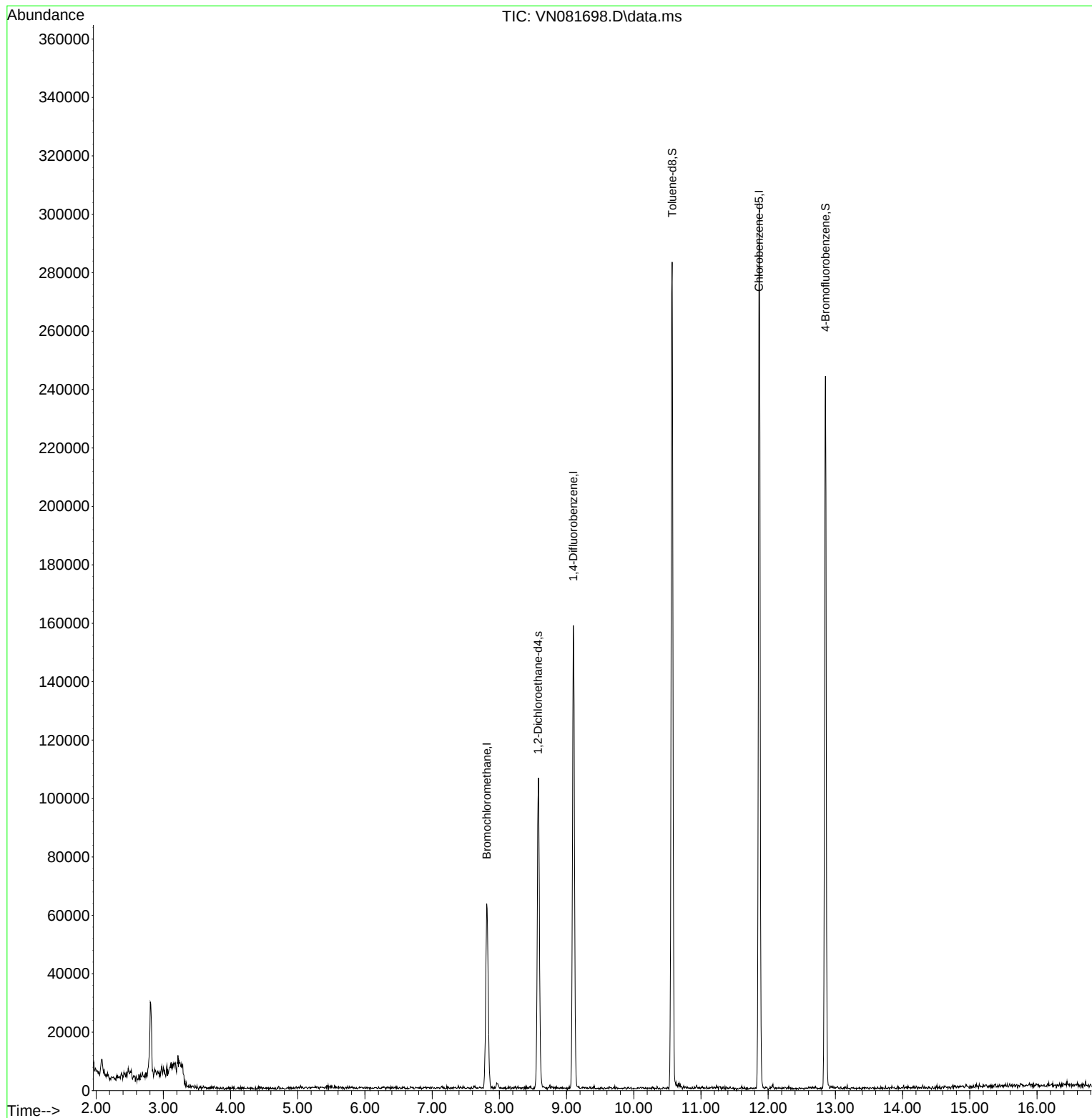
Target Compounds	Qvalue

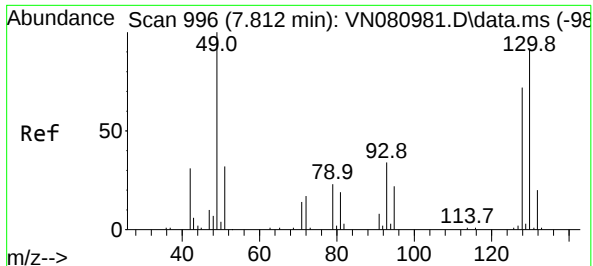
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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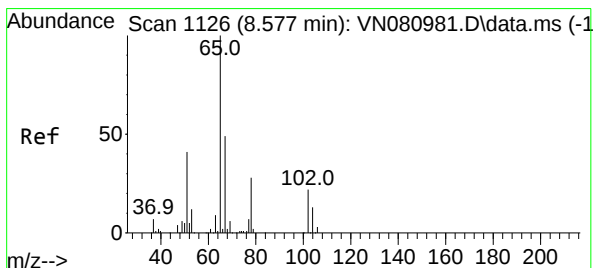
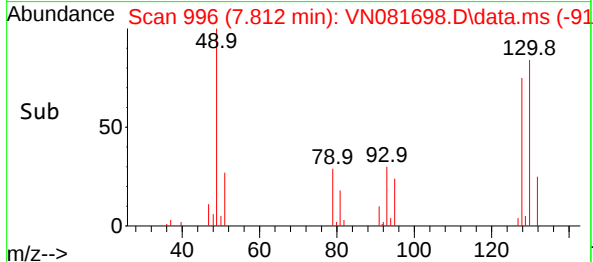
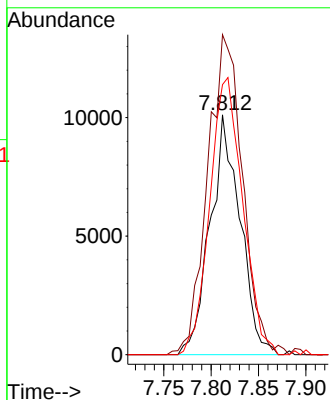
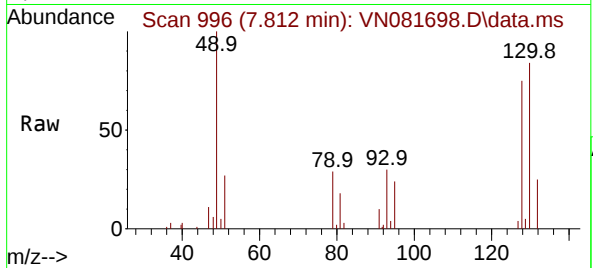




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

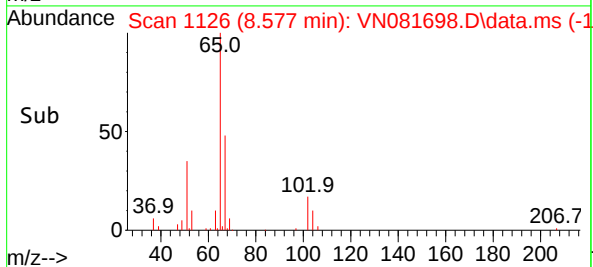
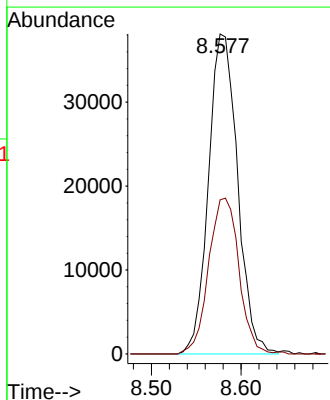
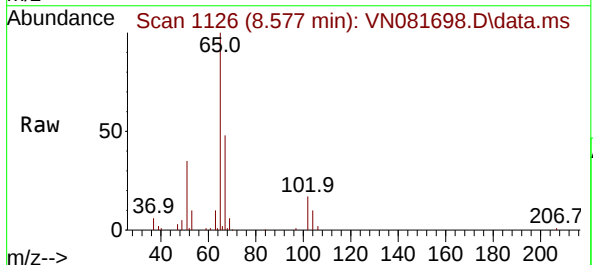
Instrument :
MSVOA_N
ClientSampleId :
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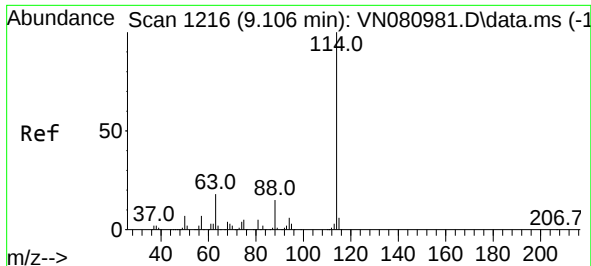
Tgt Ion:	128	Resp:	22328
Ion	Ratio	Lower	Upper
128	100		
49	154.0	0.0	403.7
130	127.3	0.0	323.3



#27
1,2-Dichloroethane-d4
Concen: 31.284 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Tgt Ion:	65	Resp:	85812
Ion	Ratio	Lower	Upper
65	100		
67	50.6	43.2	64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081698.D

Acq: 11 Apr 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

240410059-03-TRIP-BLANK

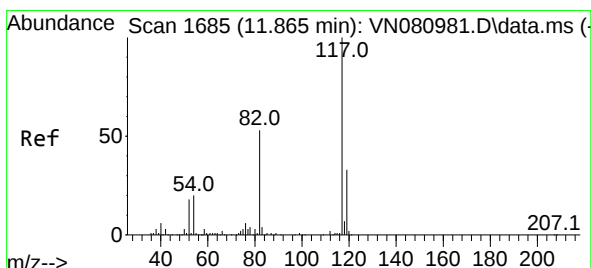
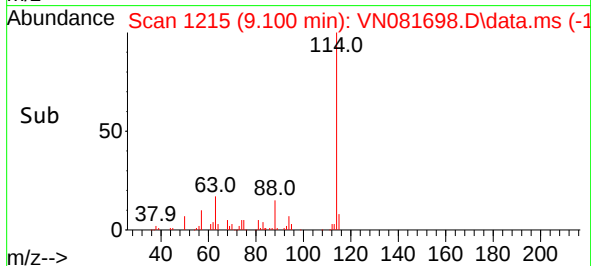
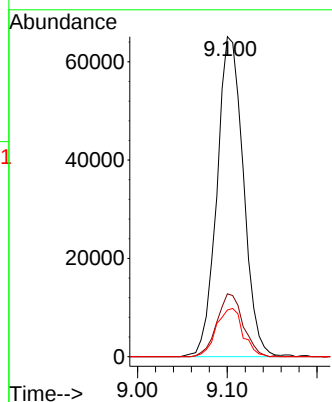
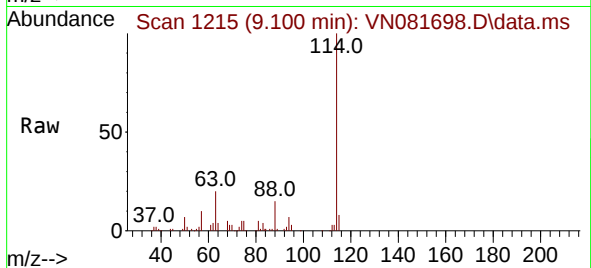
Tgt Ion:114 Resp: 133042

Ion Ratio Lower Upper

114 100

63 19.4 15.9 23.9

88 15.2 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN081698.D

Acq: 11 Apr 2024 15:50

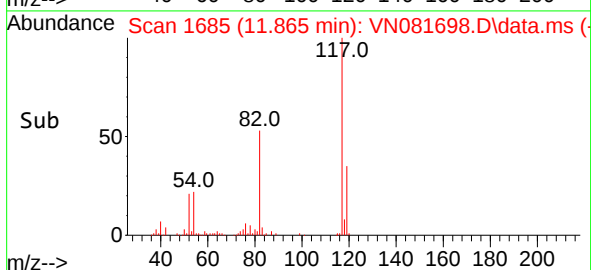
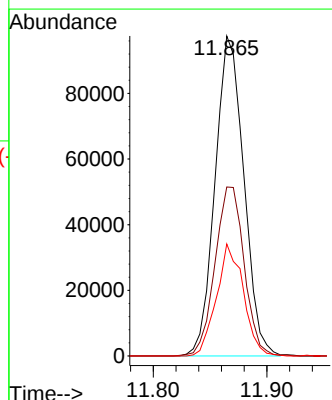
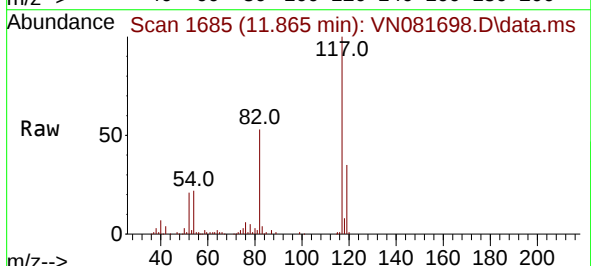
Tgt Ion:117 Resp: 171522

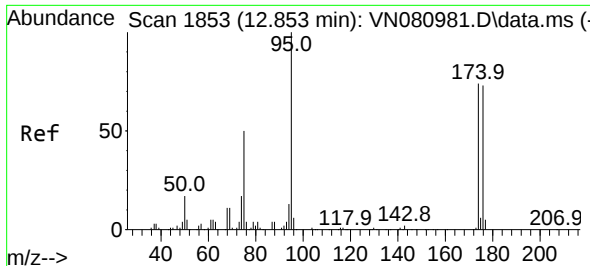
Ion Ratio Lower Upper

117 100

82 53.6 46.6 69.8

119 32.8 25.4 38.2

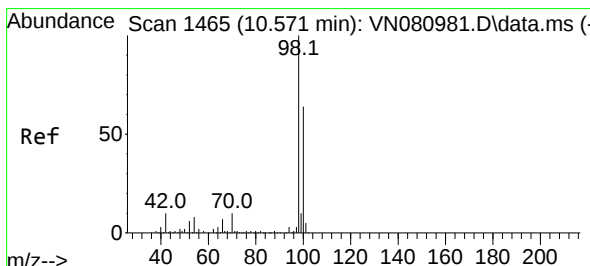
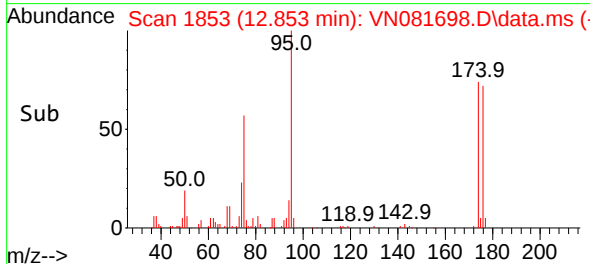
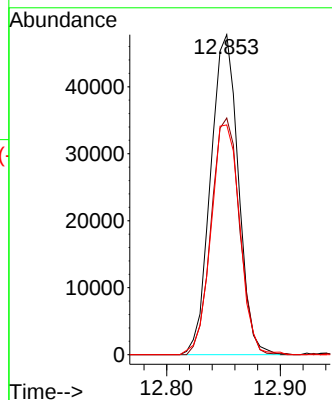
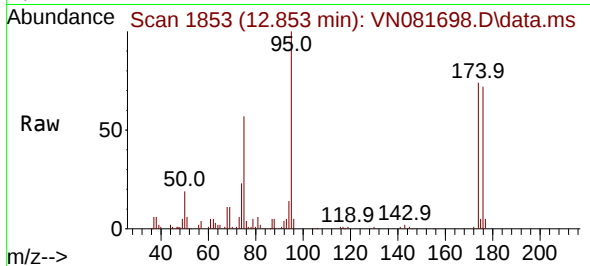




#60
4-Bromofluorobenzene
Concen: 23.974 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Instrument :
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Tgt Ion: 95 Resp: 80844
Ion Ratio Lower Upper
95 100
174 75.6 60.5 90.7
176 74.7 57.8 86.6



#63
Toluene-d8
Concen: 28.251 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081698.D
Acq: 11 Apr 2024 15:50

Tgt Ion: 98 Resp: 194373
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1

