

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
 Data File : VN081772.D
 Acq On : 17 Apr 2024 14:49
 Operator : JC\MD
 Sample : P2155-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240415080-01

Quant Time: Apr 18 01:11:58 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	17264	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	86345	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	112597	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	59497	28.053	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.500%
60) 4-Bromofluorobenzene	12.847	95	54063	24.422	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.400%
63) Toluene-d8	10.571	98	129140	28.593	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.300%

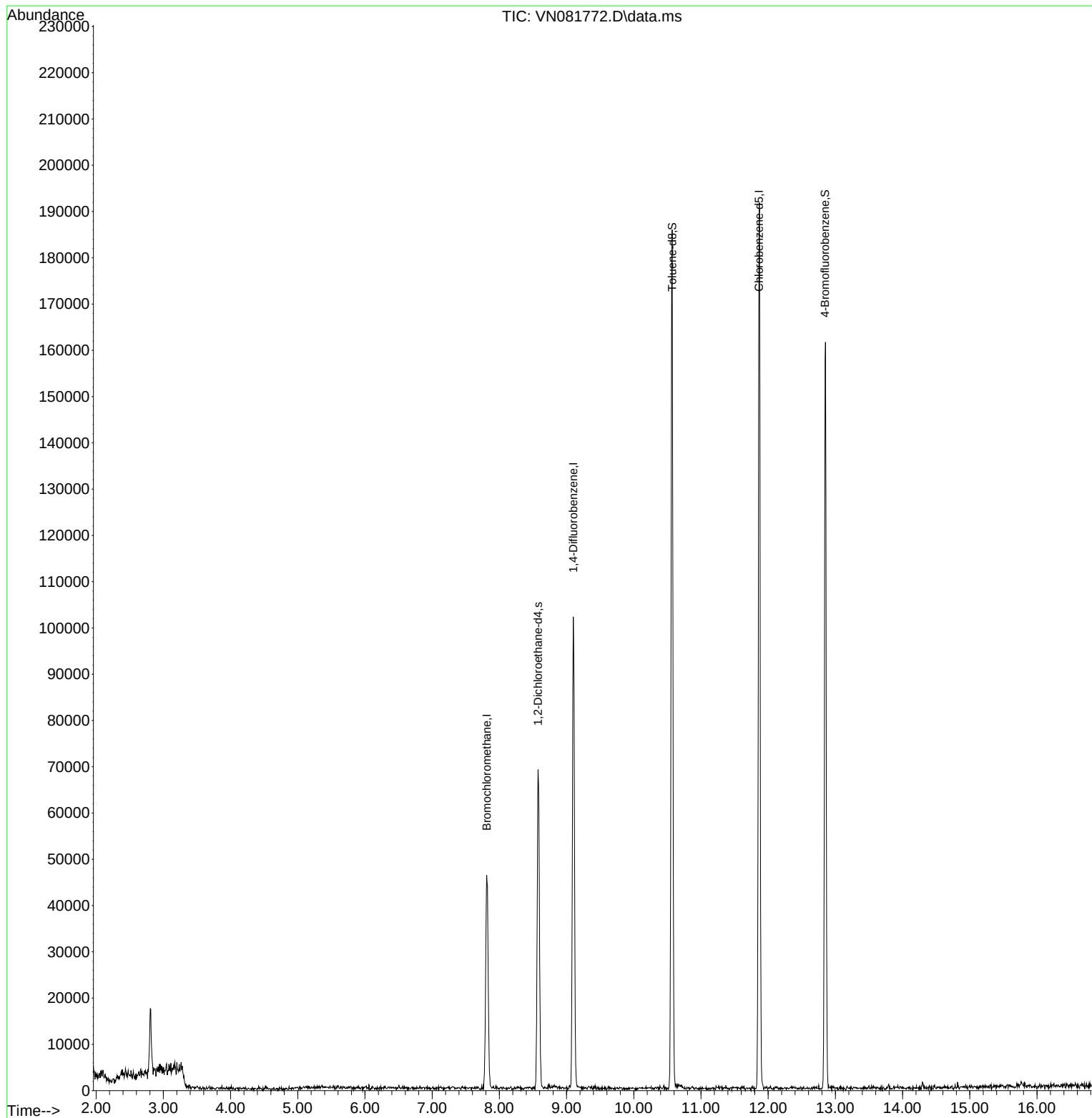
Target Compounds	Qvalue

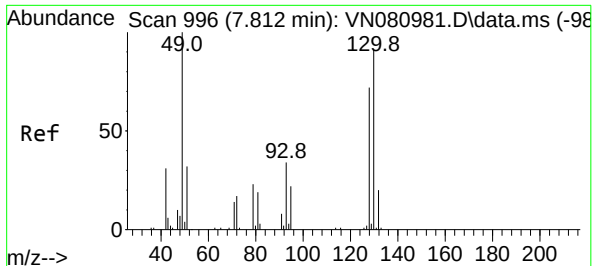
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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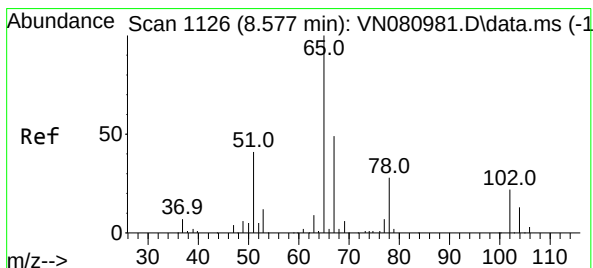
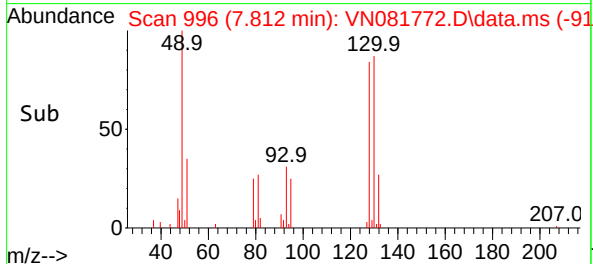
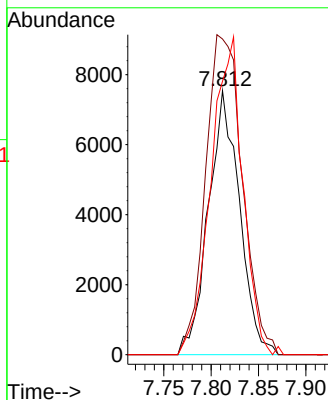
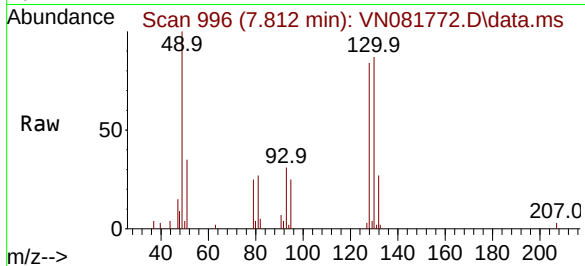




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081772.D
Acq: 17 Apr 2024 14:49

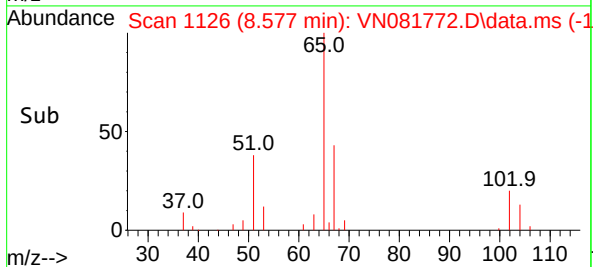
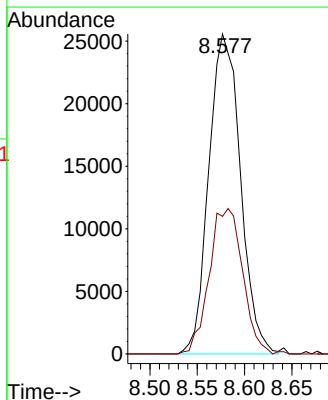
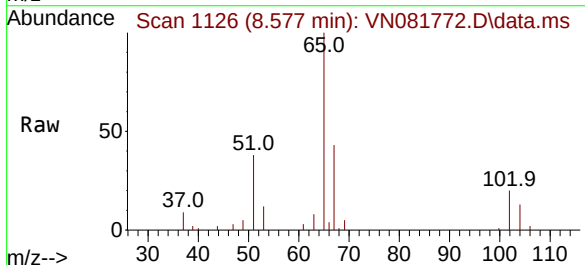
Instrument :
MSVOA_N
ClientSampleId :
240415080-01

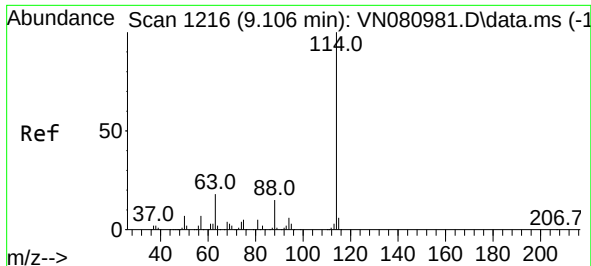
Tgt Ion:128 Resp: 17264
Ion Ratio Lower Upper
128 100
49 143.0 0.0 403.7
130 123.2 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 28.053 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081772.D
Acq: 17 Apr 2024 14:49

Tgt Ion: 65 Resp: 59497
Ion Ratio Lower Upper
65 100
67 22.8 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: VN081772.D

Acq: 17 Apr 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

240415080-01

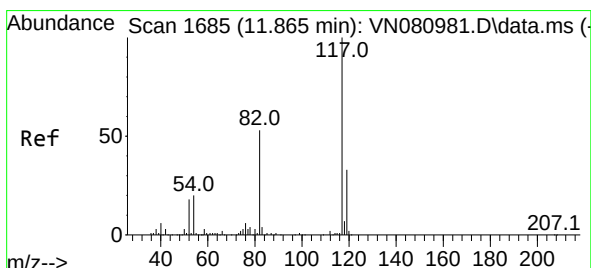
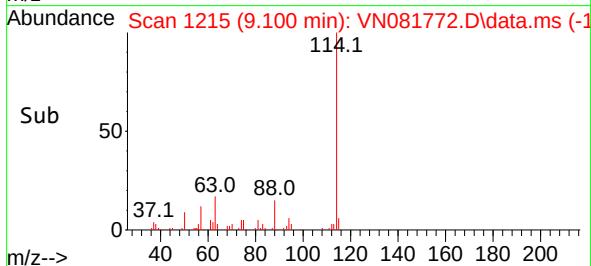
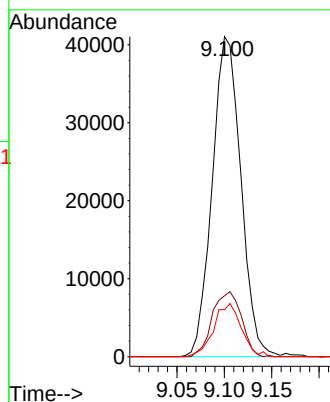
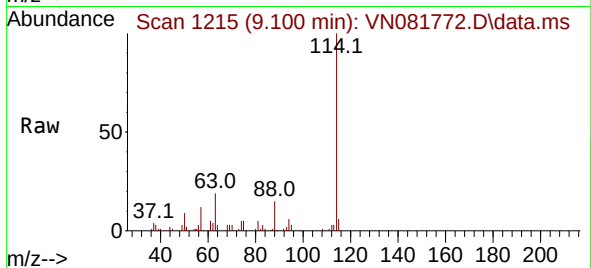
Tgt Ion:114 Resp: 86345

Ion Ratio Lower Upper

114 100

63 20.6 15.9 23.9

88 16.0 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: VN081772.D

Acq: 17 Apr 2024 14:49

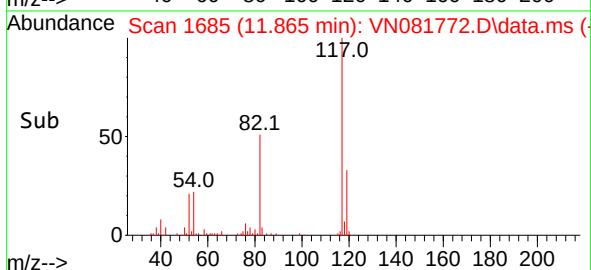
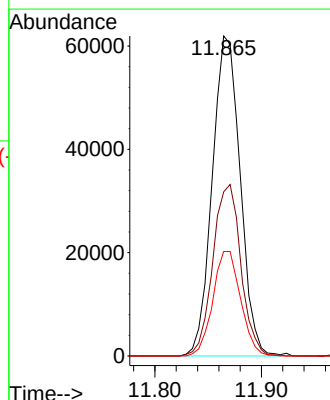
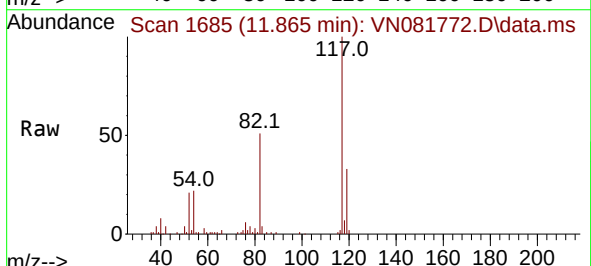
Tgt Ion:117 Resp: 112597

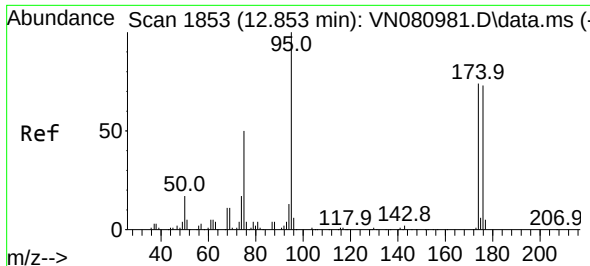
Ion Ratio Lower Upper

117 100

82 53.8 46.6 69.8

119 32.5 25.4 38.2

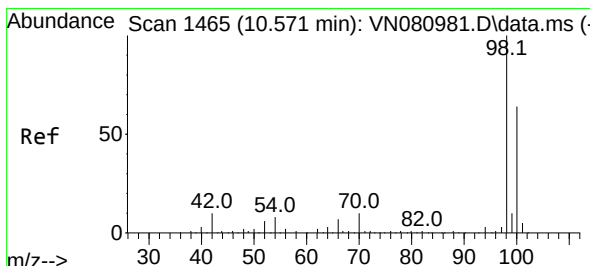
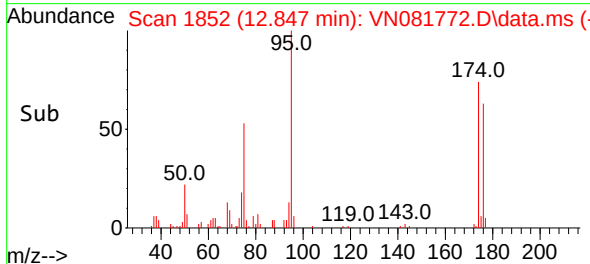
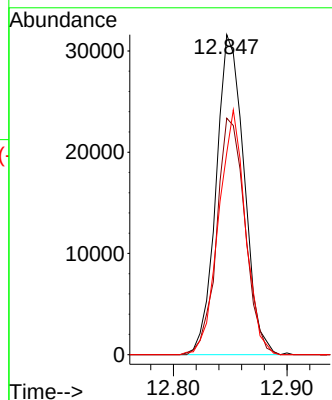
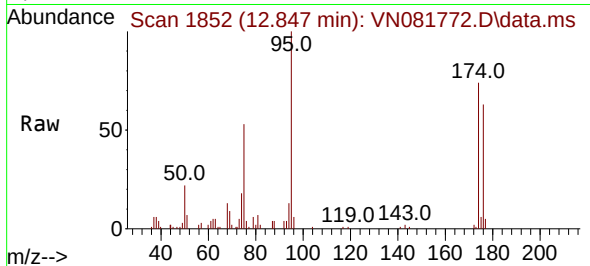




#60
4-Bromofluorobenzene
Concen: 24.422 ug/l
RT: 12.847 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081772.D
Acq: 17 Apr 2024 14:49

Instrument :
MSVOA_N
ClientSampleId :
240415080-01

Tgt Ion: 95 Resp: 54063
Ion Ratio Lower Upper
95 100
174 74.5 60.5 90.7
176 73.1 57.8 86.6



#63
Toluene-d8
Concen: 28.593 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081772.D
Acq: 17 Apr 2024 14:49

Tgt Ion: 98 Resp: 129140
Ion Ratio Lower Upper
98 100
100 63.0 52.7 79.1

