

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
Data File : VN081805.D
Acq On : 19 Apr 2024 13:24
Operator : JC\MD
Sample : VN0419WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

Quant Time: Apr 19 23:36:25 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	16363	30.000	ug/l	#-0.01
28) 1,4-Difluorobenzene	9.100	114	105092	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	131822	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	59845	29.771	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.233%
60) 4-Bromofluorobenzene	12.853	95	67937	26.214	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.367%
63) Toluene-d8	10.570	98	152657	28.870	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.233%

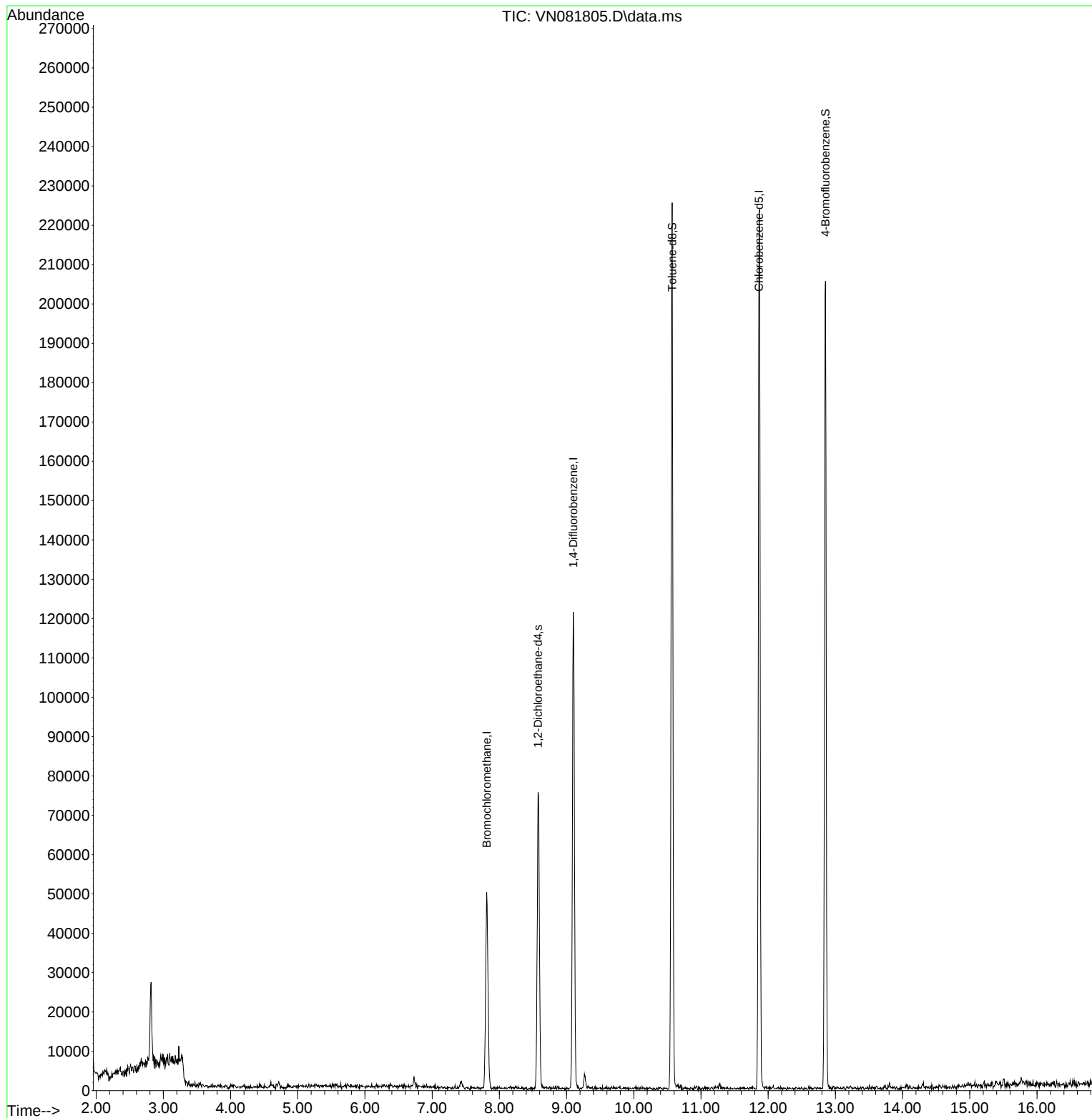
Target Compounds	Qvalue

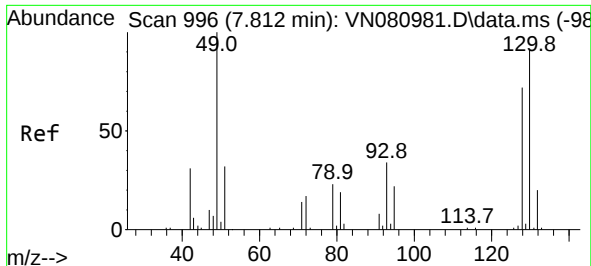
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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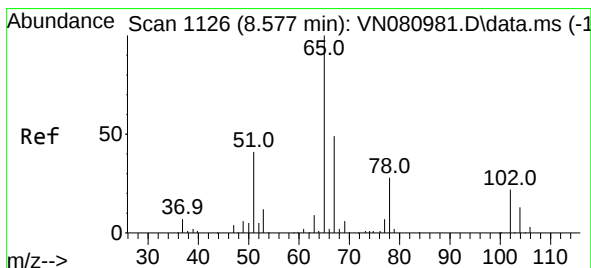
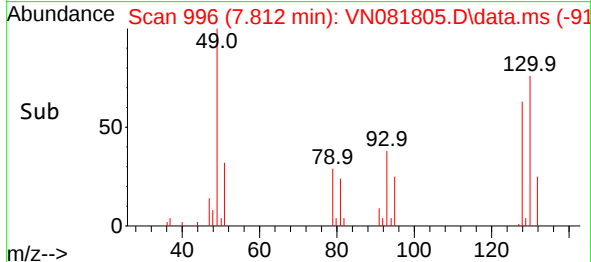
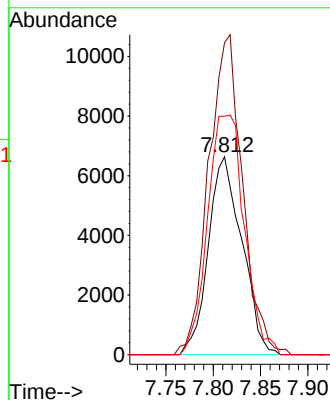
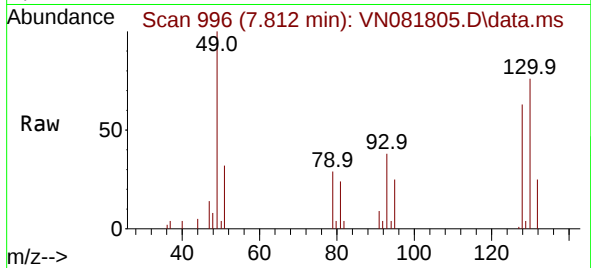




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081805.D
Acq: 19 Apr 2024 13:24

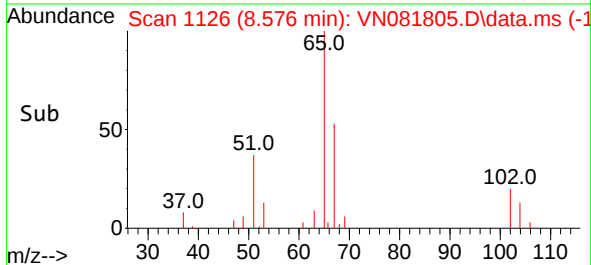
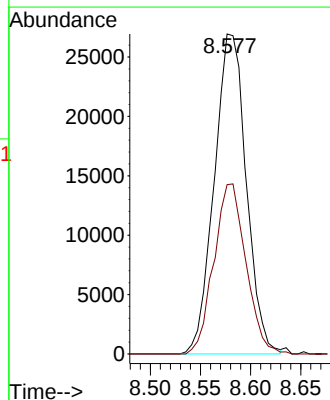
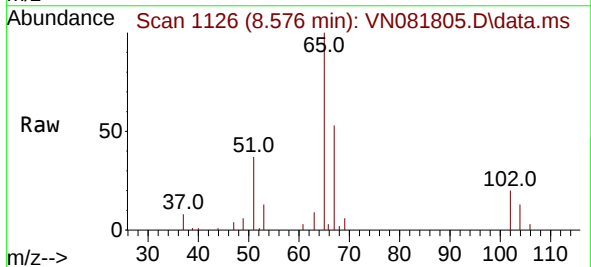
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

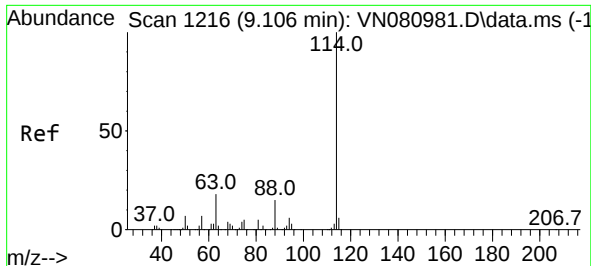
Tgt Ion:128 Resp: 16363
Ion Ratio Lower Upper
128 100
49 163.0 0.0 403.7
130 0.0 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 29.771 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081805.D
Acq: 19 Apr 2024 13:24

Tgt Ion: 65 Resp: 59845
Ion Ratio Lower Upper
65 100
67 53.2 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: VN081805.D

Acq: 19 Apr 2024 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBL01

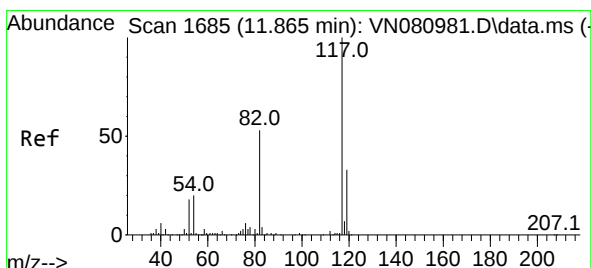
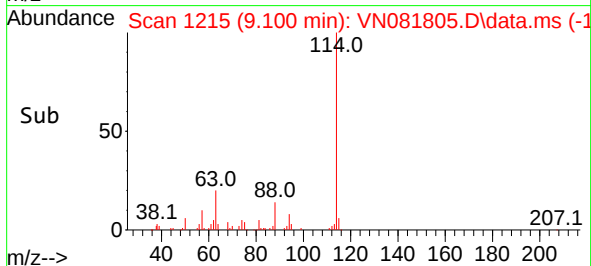
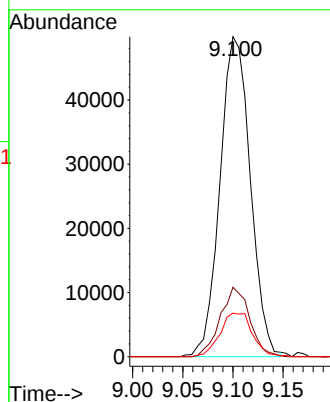
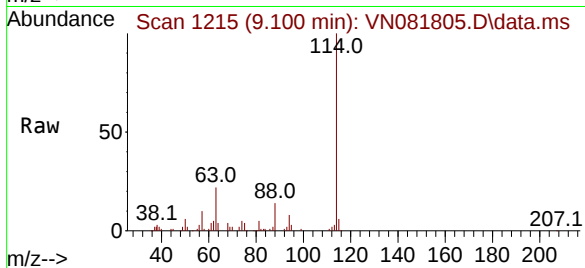
Tgt Ion:114 Resp: 105092

Ion Ratio Lower Upper

114 100

63 21.0 15.9 23.9

88 14.6 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: VN081805.D

Acq: 19 Apr 2024 13:24

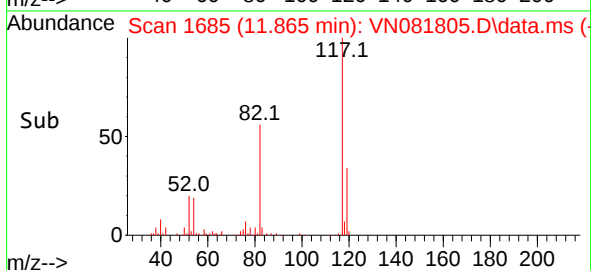
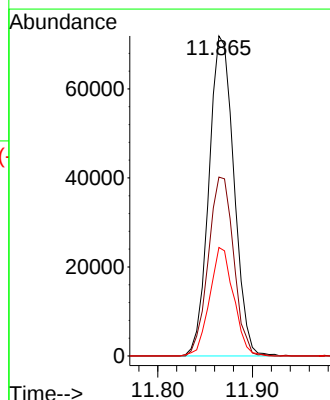
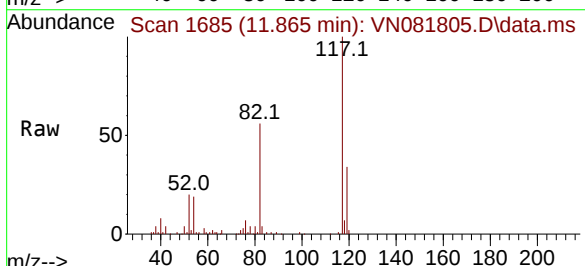
Tgt Ion:117 Resp: 131822

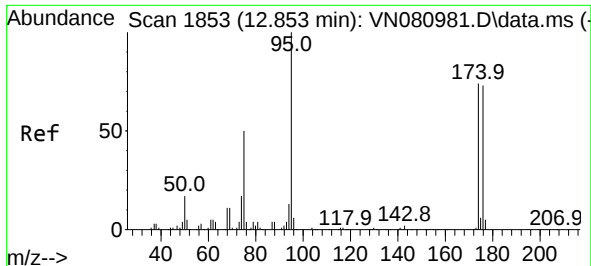
Ion Ratio Lower Upper

117 100

82 56.6 46.6 69.8

119 32.6 25.4 38.2

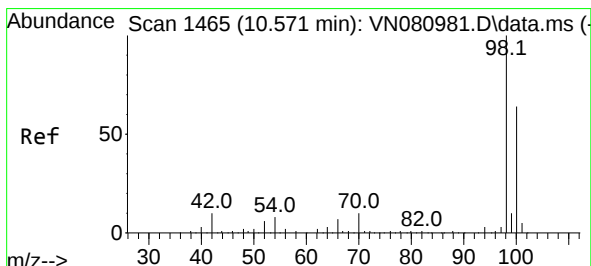
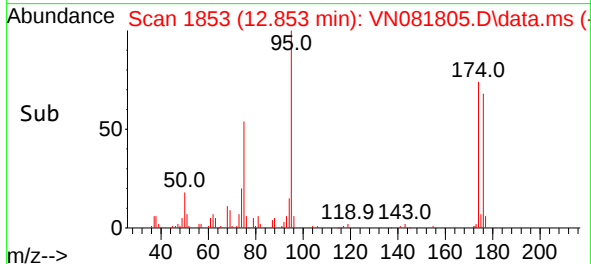
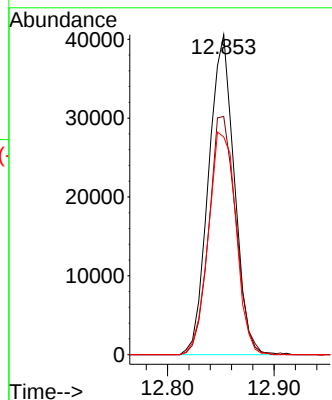
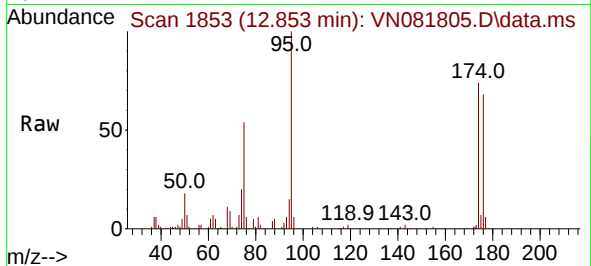




#60
4-Bromofluorobenzene
Concen: 26.214 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081805.D
Acq: 19 Apr 2024 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

Tgt Ion: 95 Resp: 67937
Ion Ratio Lower Upper
95 100
174 77.9 60.5 90.7
176 74.8 57.8 86.6



#63
Toluene-d8
Concen: 28.870 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081805.D
Acq: 19 Apr 2024 13:24

Tgt Ion: 98 Resp: 152657
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1

