

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084063.D
 Acq On : 20 Sep 2024 11:56
 Operator : JC\MD
 Sample : P4110-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20240918

Quant Time: Sep 20 23:24:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	24071	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	128591	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	115448	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	69632	31.647	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.500%
60) 4-Bromofluorobenzene	12.847	95	48484	24.367	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.233%
63) Toluene-d8	10.565	98	160841	30.088	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.300%

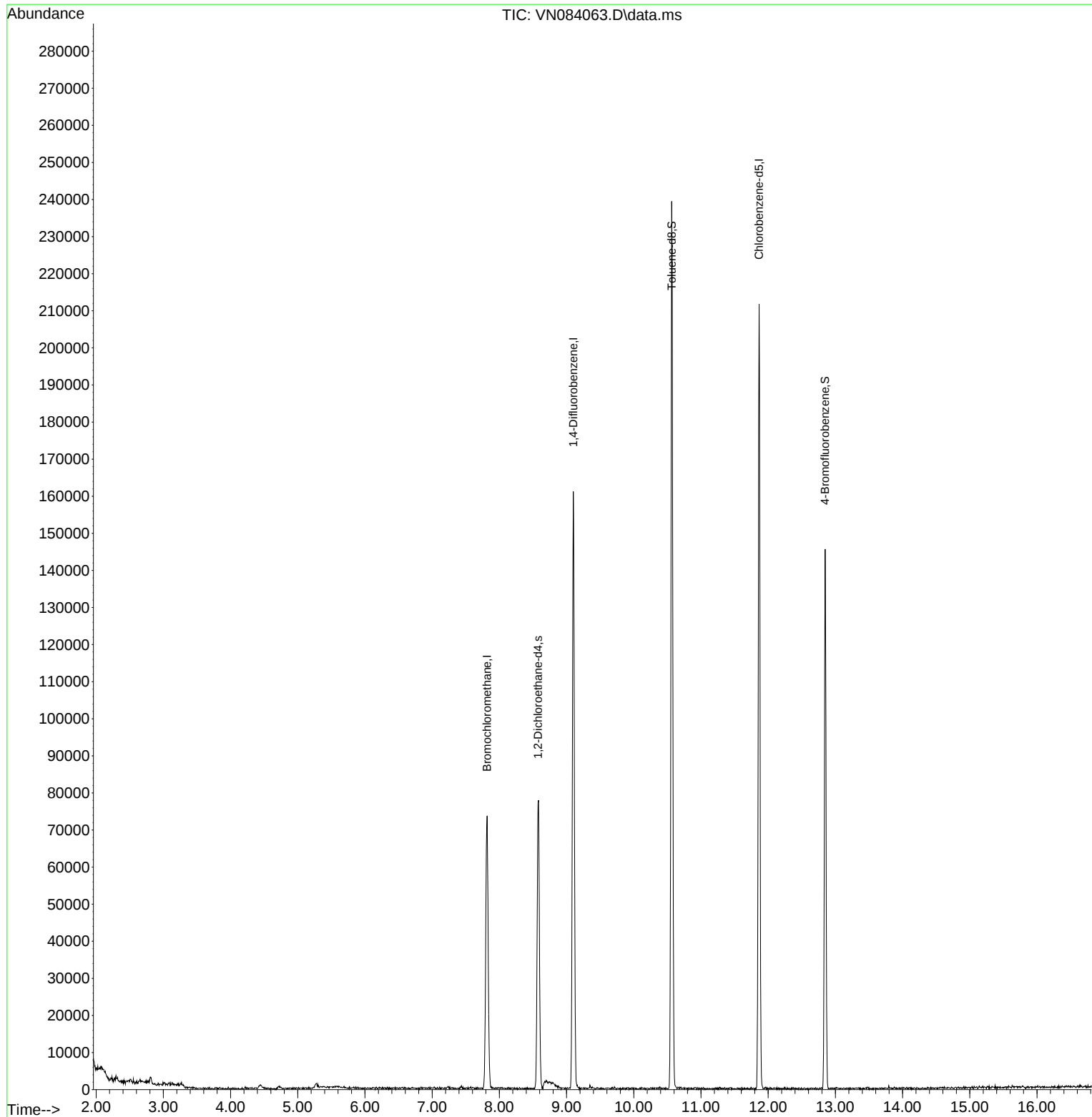
Target Compounds	Qvalue

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

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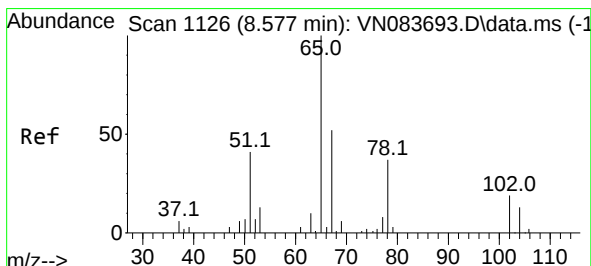
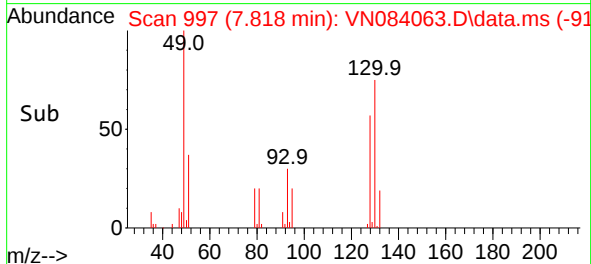
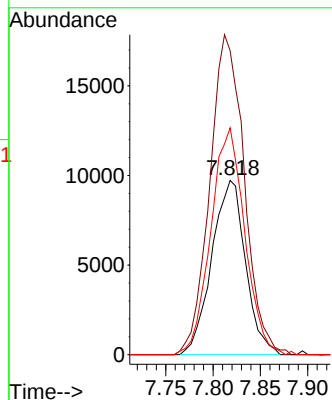
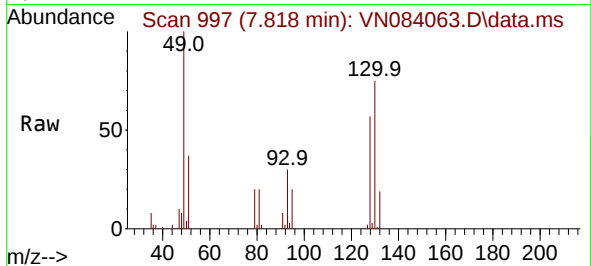




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN084063.D
Acq: 20 Sep 2024 11:56

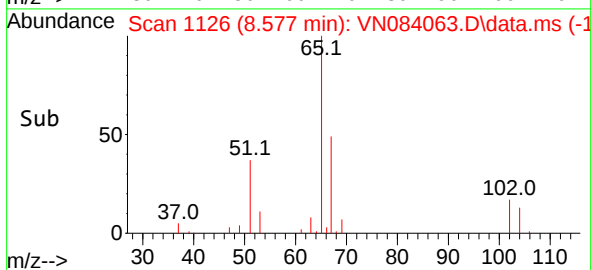
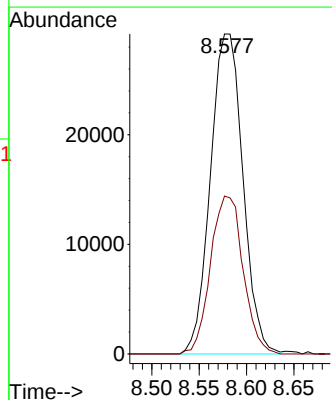
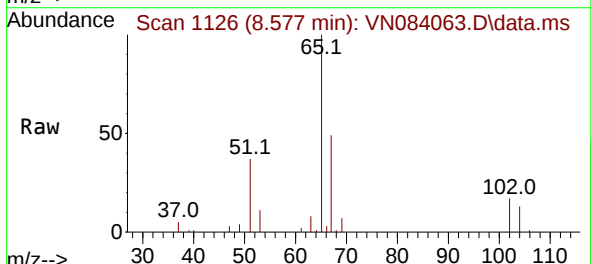
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20240918

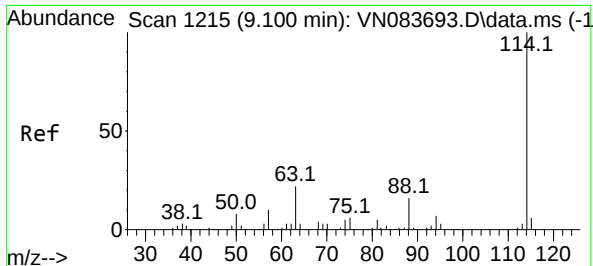
Tgt Ion:128 Resp: 24071
Ion Ratio Lower Upper
128 100
49 187.7 0.0 403.7
130 131.1 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 31.647 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084063.D
Acq: 20 Sep 2024 11:56

Tgt Ion: 65 Resp: 69632
Ion Ratio Lower Upper
65 100
67 49.3 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: VN084063.D

Acq: 20 Sep 2024 11:56

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20240918

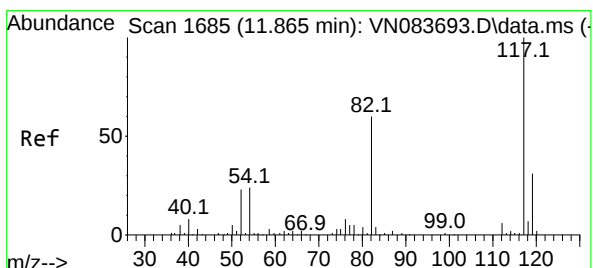
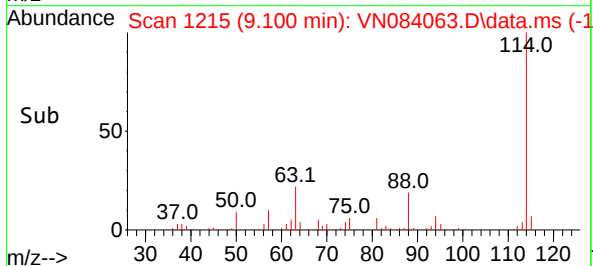
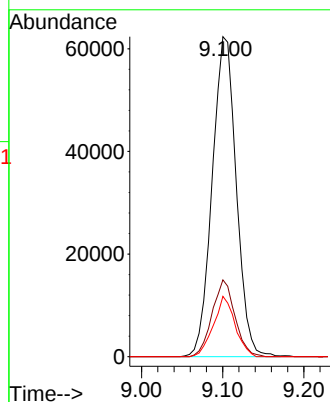
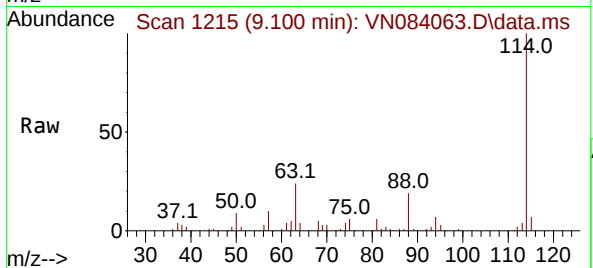
Tgt Ion:114 Resp: 128591

Ion Ratio Lower Upper

114 100

63 22.7 15.9 23.9

88 16.9 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: VN084063.D

Acq: 20 Sep 2024 11:56

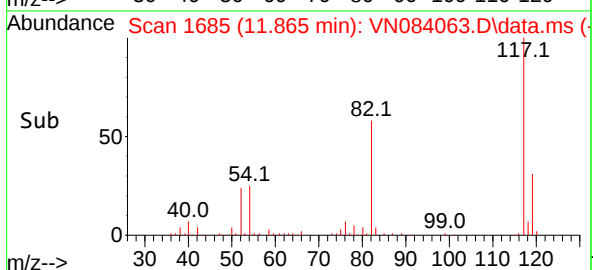
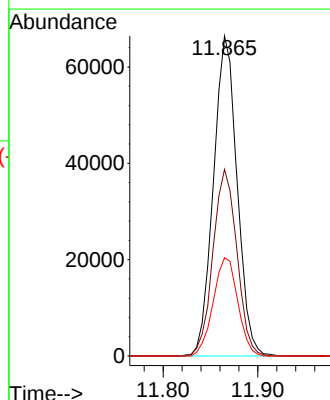
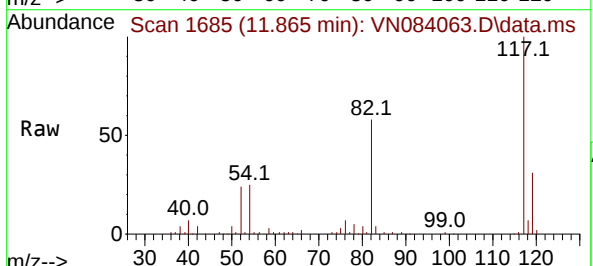
Tgt Ion:117 Resp: 115448

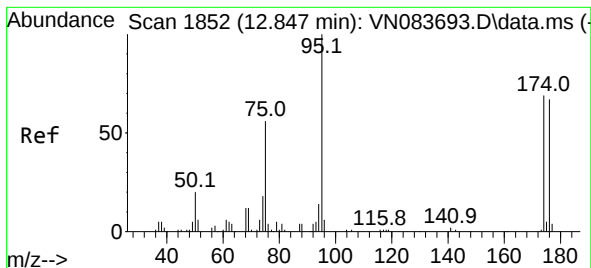
Ion Ratio Lower Upper

117 100

82 58.9 46.6 69.8

119 31.9 25.4 38.2

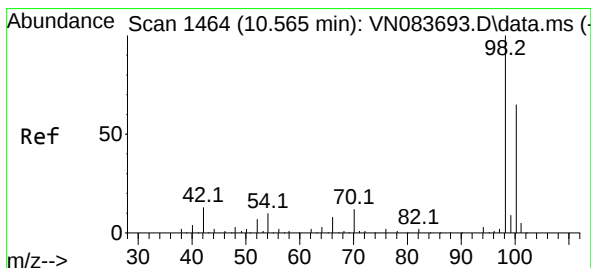
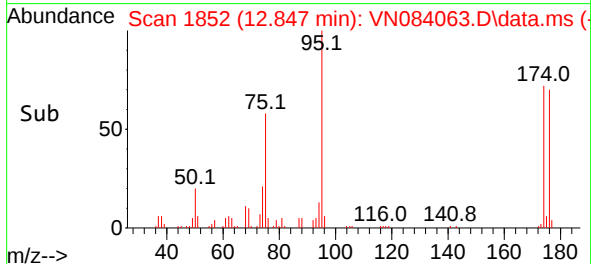
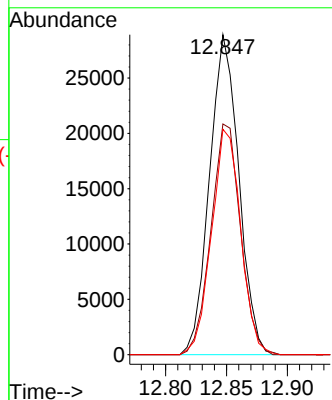
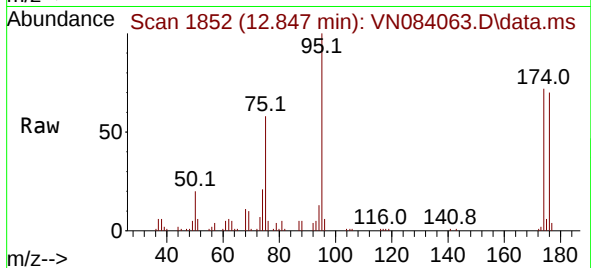




#60
4-Bromofluorobenzene
Concen: 24.367 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084063.D
Acq: 20 Sep 2024 11:56

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 95 Resp: 48484
Ion Ratio Lower Upper
95 100
174 72.5 60.5 90.7
176 70.1 57.8 86.6



#63
Toluene-d8
Concen: 30.088 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084063.D
Acq: 20 Sep 2024 11:56

Tgt Ion: 98 Resp: 160841
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1

