

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084065.D
 Acq On : 20 Sep 2024 12:44
 Operator : JC\MD
 Sample : P4110-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-066-IDWGW-20240918

Quant Time: Sep 20 23:25:20 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	23156	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	120307	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	108450	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	64735	30.584	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.933%
60) 4-Bromofluorobenzene	12.847	95	45494	24.340	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.133%
63) Toluene-d8	10.565	98	149829	29.837	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.467%

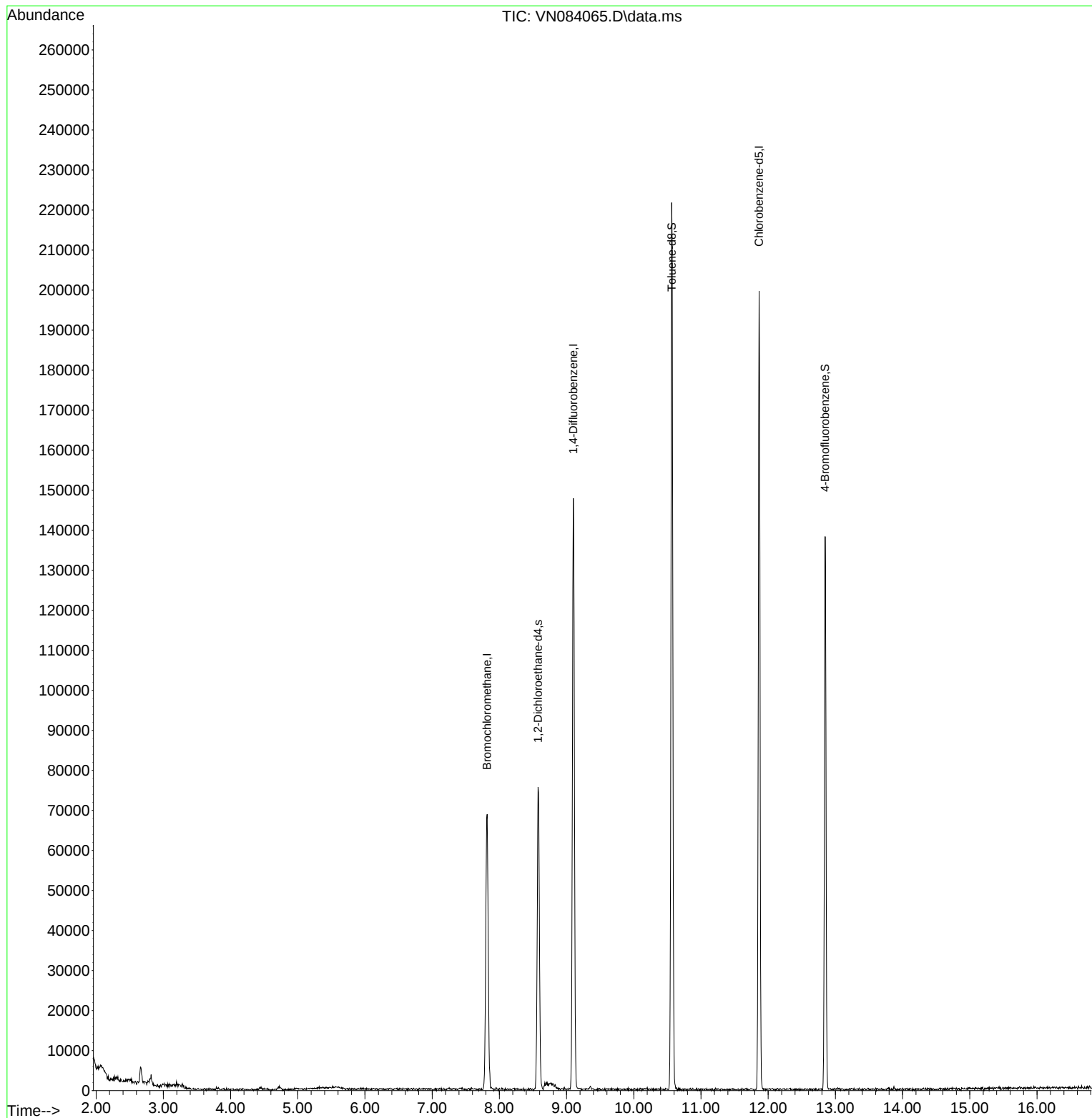
Target Compounds	Qvalue

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

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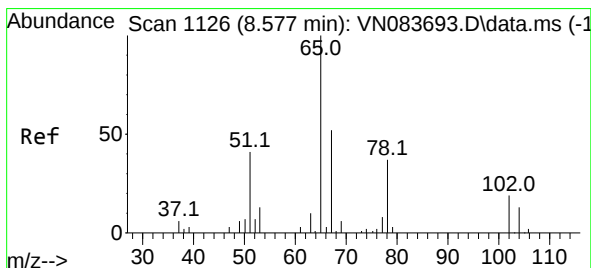
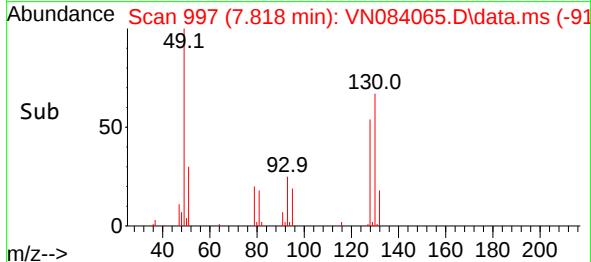
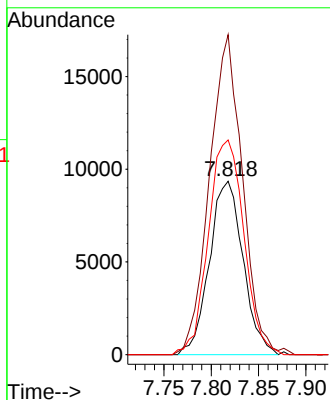
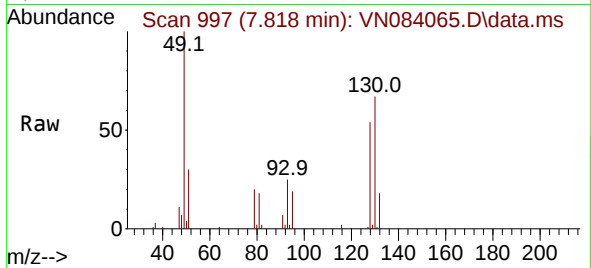




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN084065.D
Acq: 20 Sep 2024 12:44

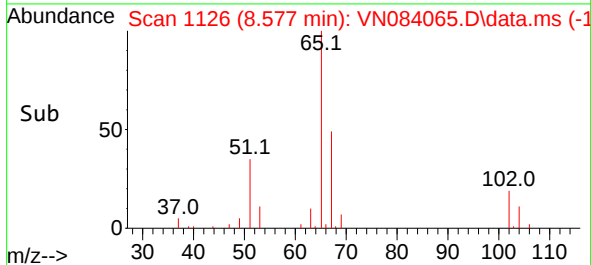
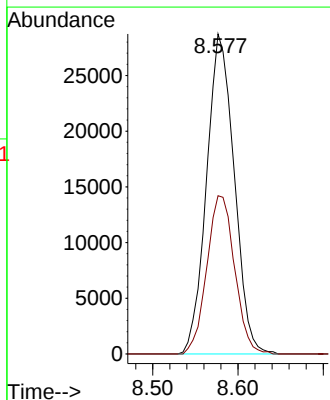
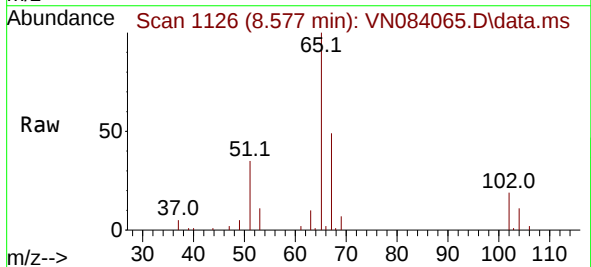
Instrument :
MSVOA_N
ClientSampleId :
TT-066-IDWGW-20240918

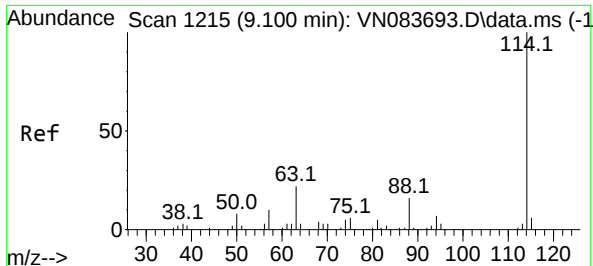
Tgt Ion:128 Resp: 23156
Ion Ratio Lower Upper
128 100
49 179.9 0.0 403.7
130 130.8 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.584 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084065.D
Acq: 20 Sep 2024 12:44

Tgt Ion: 65 Resp: 64735
Ion Ratio Lower Upper
65 100
67 49.7 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: VN084065.D

Acq: 20 Sep 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

TT-066-IDWGW-20240918

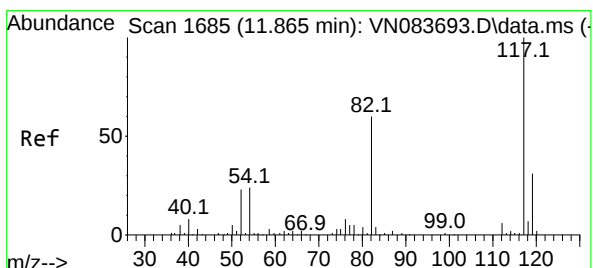
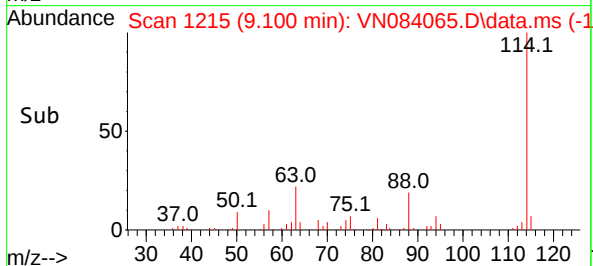
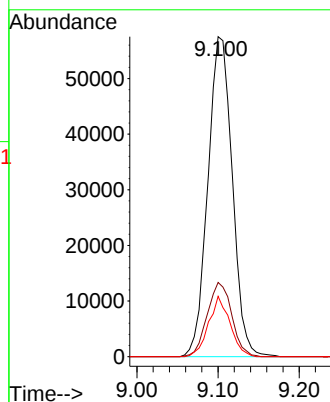
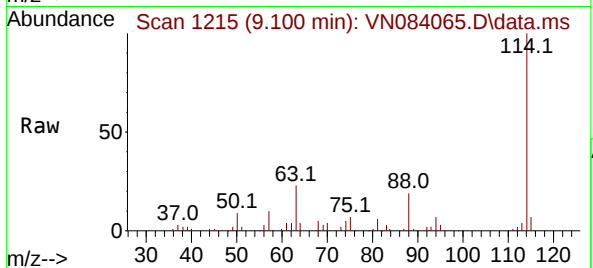
Tgt Ion:114 Resp: 120307

Ion Ratio Lower Upper

114 100

63 23.3 15.9 23.9

88 16.5 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: VN084065.D

Acq: 20 Sep 2024 12:44

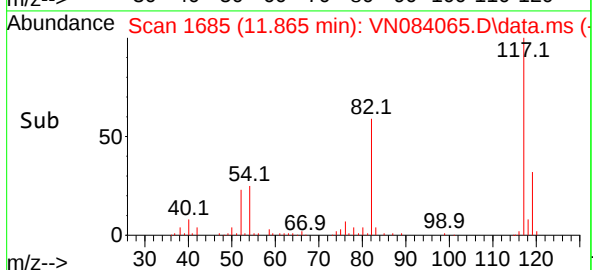
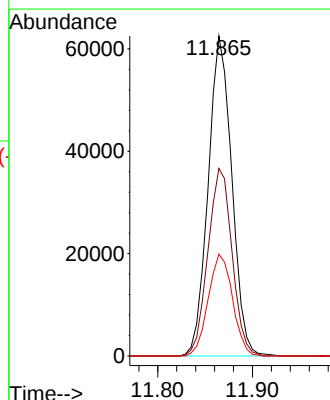
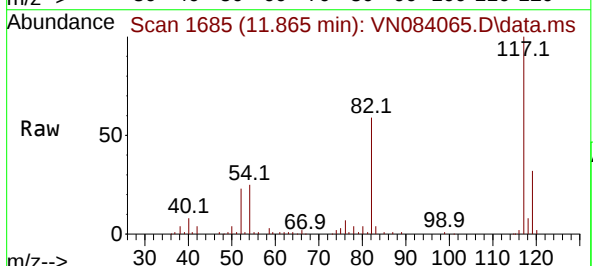
Tgt Ion:117 Resp: 108450

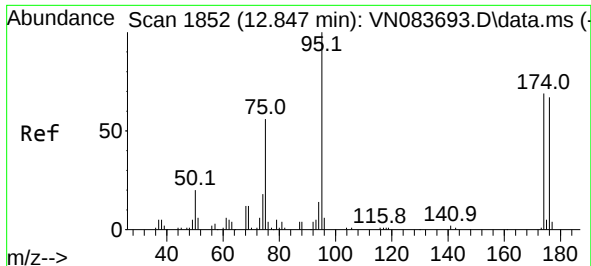
Ion Ratio Lower Upper

117 100

82 59.9 46.6 69.8

119 32.7 25.4 38.2

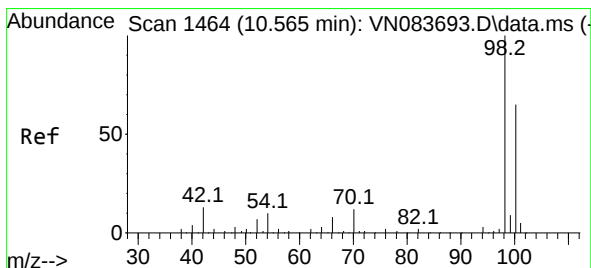
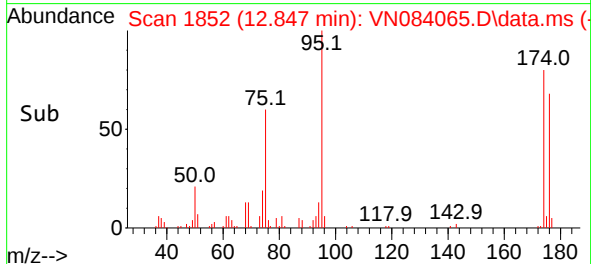
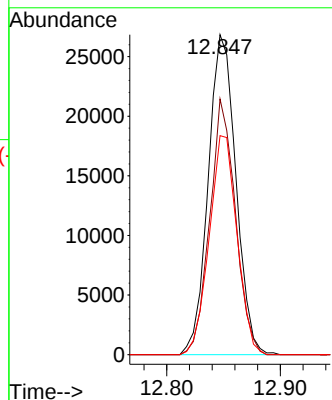
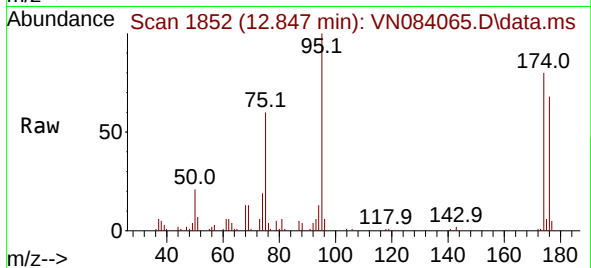




#60
4-Bromofluorobenzene
Concen: 24.340 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084065.D
Acq: 20 Sep 2024 12:44

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Tgt Ion: 95 Resp: 45494
Ion Ratio Lower Upper
95 100
174 73.8 60.5 90.7
176 68.5 57.8 86.6



#63
Toluene-d8
Concen: 29.837 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084065.D
Acq: 20 Sep 2024 12:44

Tgt Ion: 98 Resp: 149829
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

