

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084064.D
 Acq On : 20 Sep 2024 12:20
 Operator : JC\MD
 Sample : P4110-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-065-IDWGW-20240918

Quant Time: Sep 20 23:24:57 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)

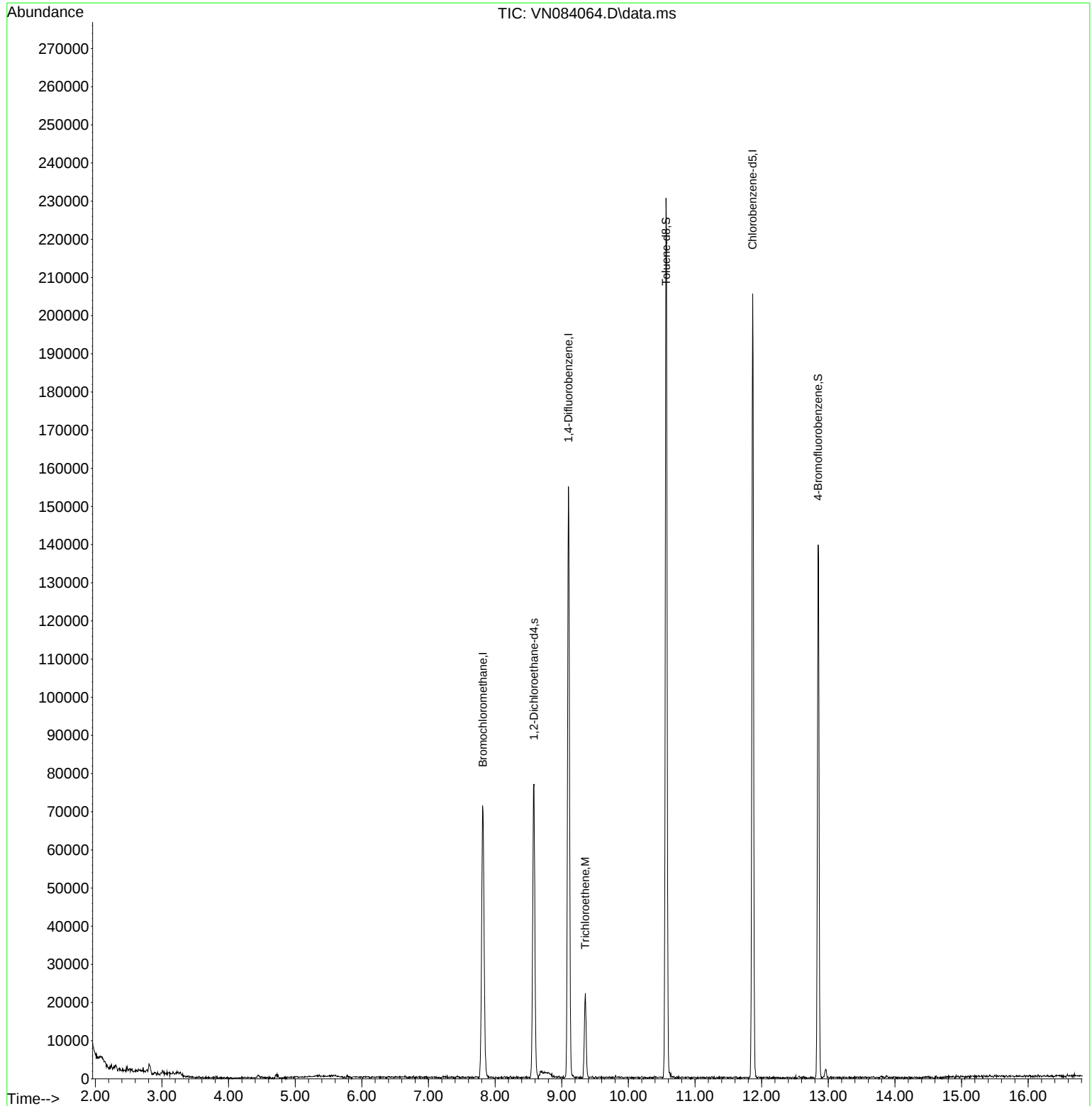
Internal Standards						
1) Bromochloromethane	7.818	128	23457	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	125642	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	110694	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	65227	30.421	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.400%
60) 4-Bromofluorobenzene	12.847	95	47125	24.701	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.333%
63) Toluene-d8	10.565	98	155429	30.324	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.067%
Target Compounds						
37) Trichloroethene	9.353	130	7293	5.194	ug/l	Qvalue 87

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

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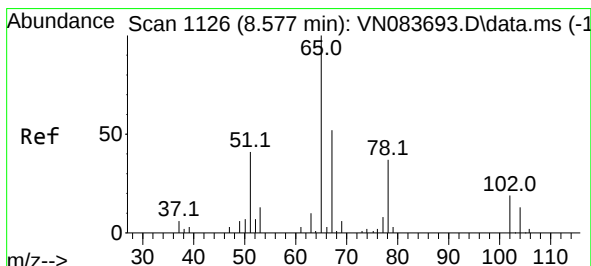
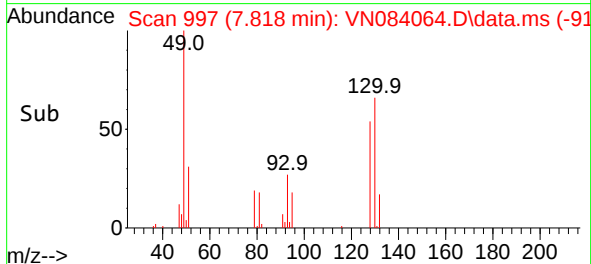
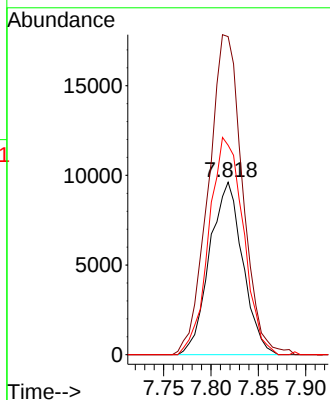
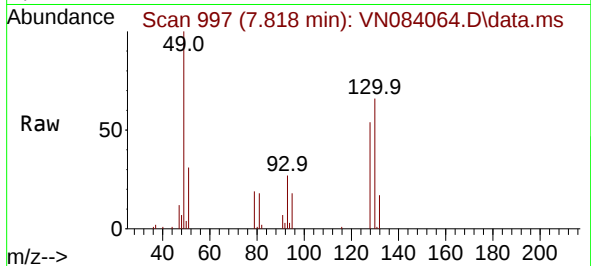




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN084064.D
Acq: 20 Sep 2024 12:20

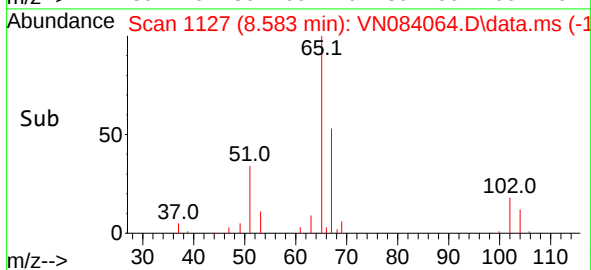
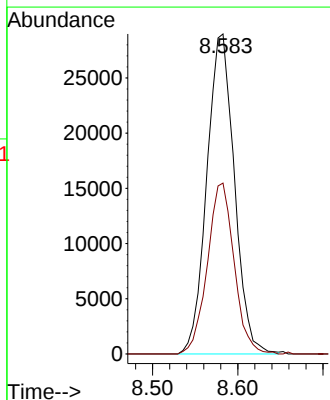
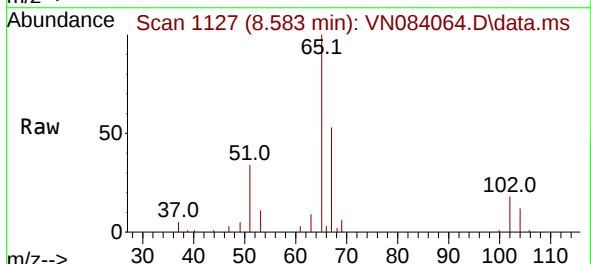
Instrument :
MSVOA_N
ClientSampleId :
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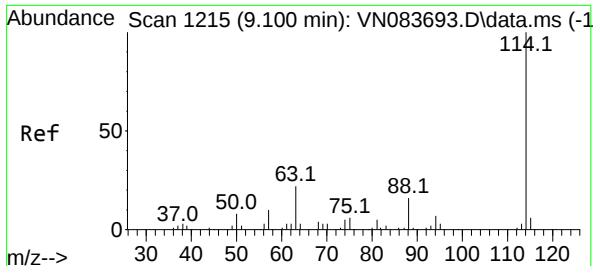
Tgt Ion:128 Resp: 23457
Ion Ratio Lower Upper
128 100
49 190.2 0.0 403.7
130 130.7 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.421 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084064.D
Acq: 20 Sep 2024 12:20

Tgt Ion: 65 Resp: 65227
Ion Ratio Lower Upper
65 100
67 51.8 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: VN084064.D

Acq: 20 Sep 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

TT-065-IDWGW-20240918

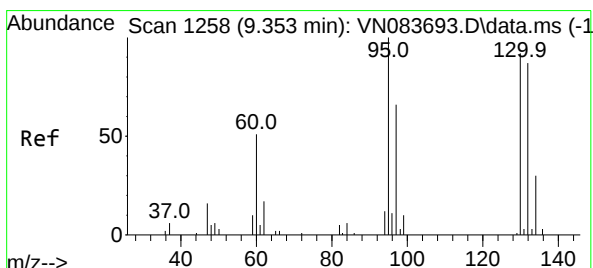
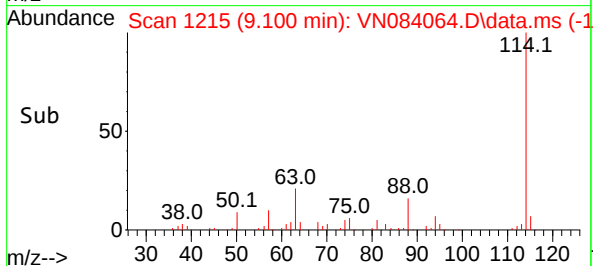
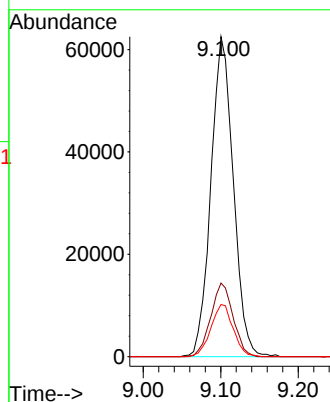
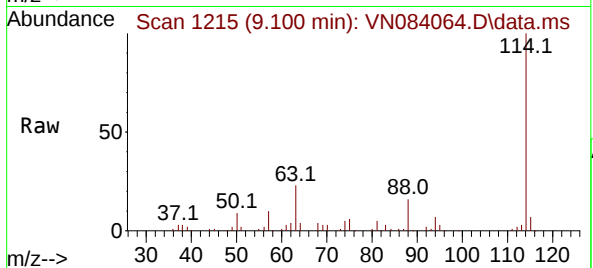
Tgt Ion:114 Resp: 125642

Ion Ratio Lower Upper

114 100

63 22.9 15.9 23.9

88 16.2 12.7 19.1



#37

Trichloroethene

Concen: 5.194 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN084064.D

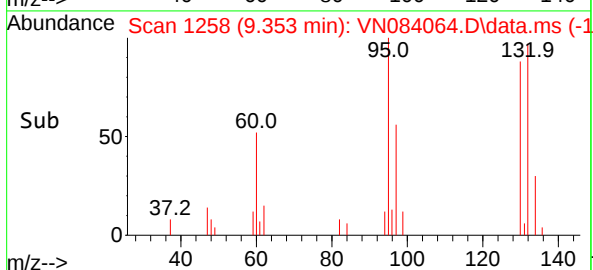
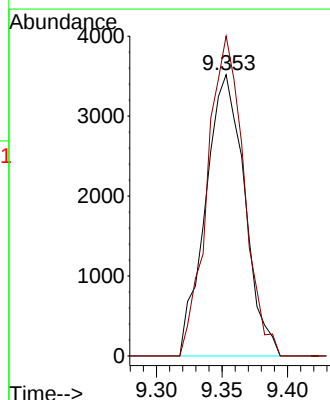
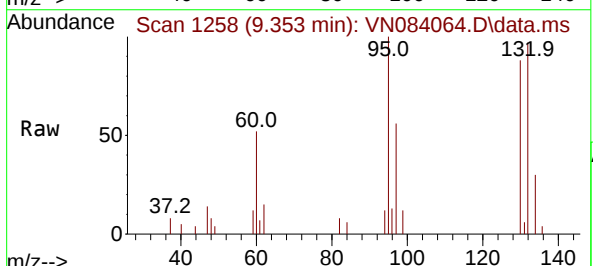
Acq: 20 Sep 2024 12:20

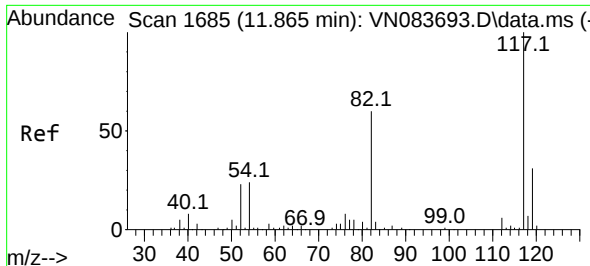
Tgt Ion:130 Resp: 7293

Ion Ratio Lower Upper

130 100

95 113.8 80.2 120.4

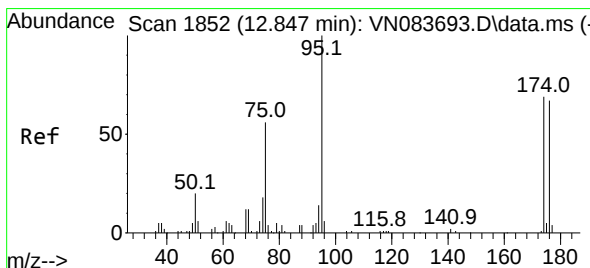
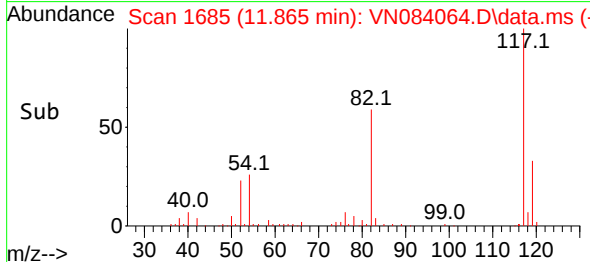
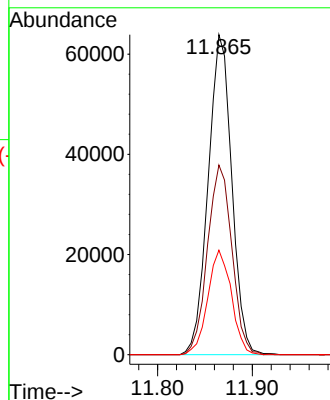
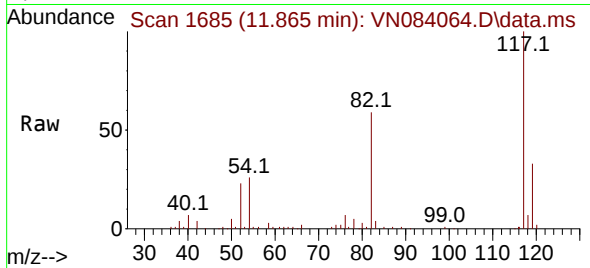




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084064.D
Acq: 20 Sep 2024 12:20

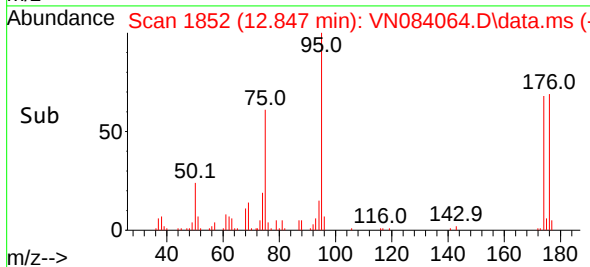
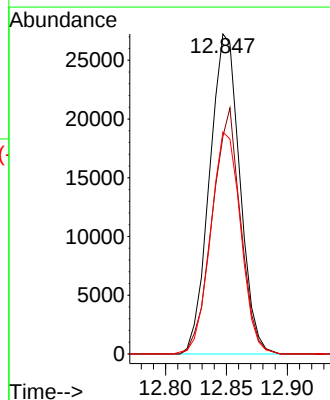
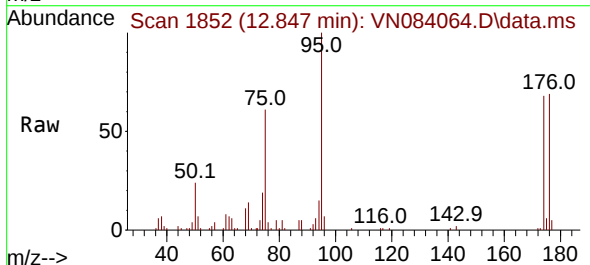
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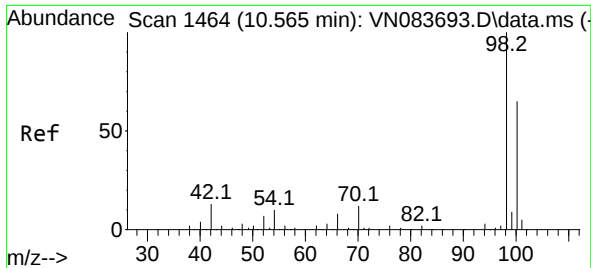
Tgt Ion:117 Resp: 110694
Ion Ratio Lower Upper
117 100
82 61.2 46.6 69.8
119 32.7 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 24.701 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084064.D
Acq: 20 Sep 2024 12:20

Tgt Ion: 95 Resp: 47125
Ion Ratio Lower Upper
95 100
174 72.2 60.5 90.7
176 69.1 57.8 86.6





#63
Toluene-d8
Concen: 30.324 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN084064.D
Acq: 20 Sep 2024 12:20

Instrument :
MSVOA_N
ClientSampleId :
TT-065-IDWGW-20240918

Tgt Ion: 98 Resp: 155429
Ion Ratio Lower Upper
98 100
100 63.3 52.7 79.1

