

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084315.D
 Acq On : 04 Oct 2024 14:45
 Operator : JC\MD
 Sample : P4262-04 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Oct 04 22:59:21 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)

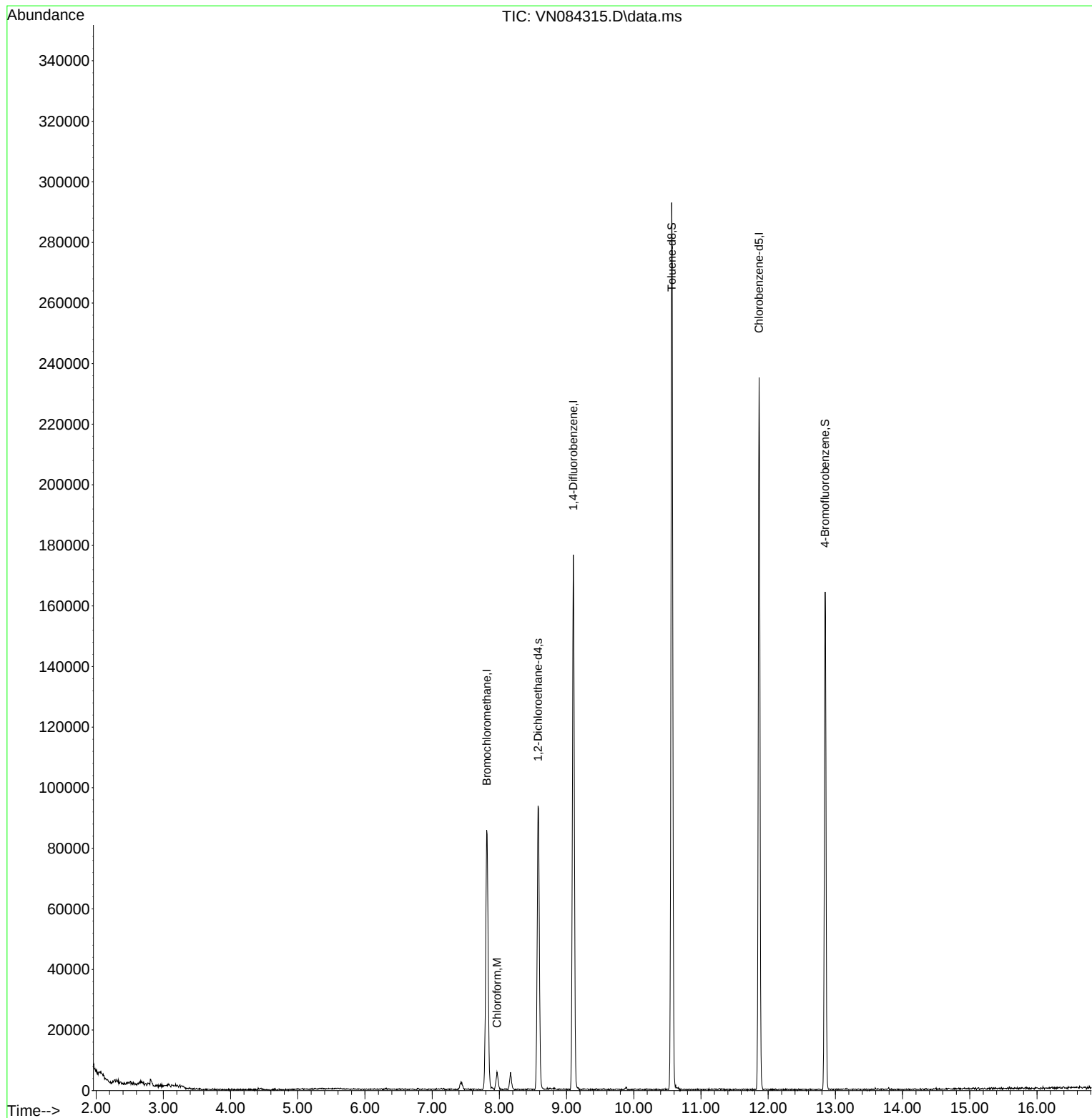
Internal Standards						
1) Bromochloromethane	7.812	128	30324	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	145688	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	132954	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77909	28.107	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.700%
60) 4-Bromofluorobenzene	12.847	95	58889	25.700	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.667%
63) Toluene-d8	10.565	98	196746	31.959	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	106.533%
Target Compounds						
25) Chloroform	7.965	83	5582	1.382	ug/l	Qvalue 99

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

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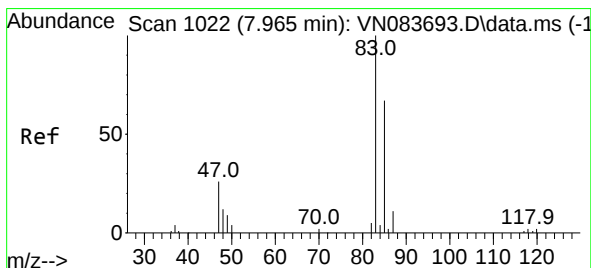
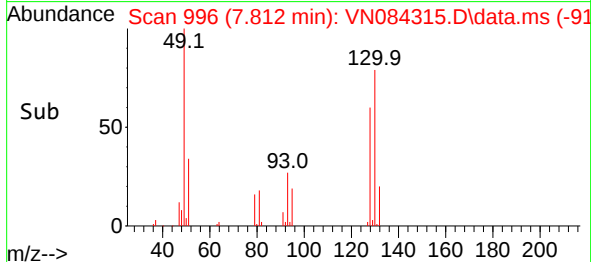
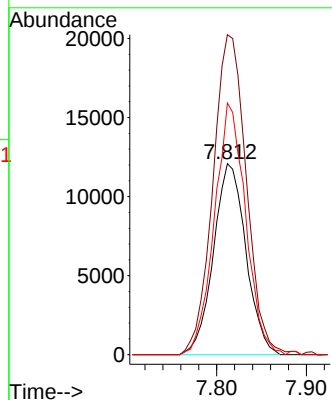
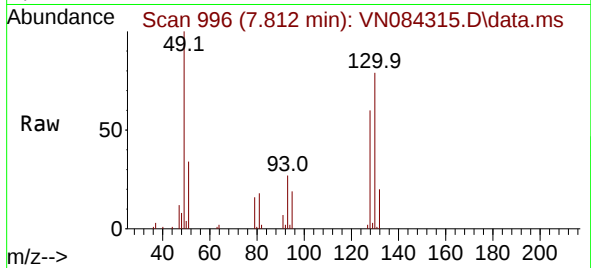




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084315.D
Acq: 04 Oct 2024 14:45

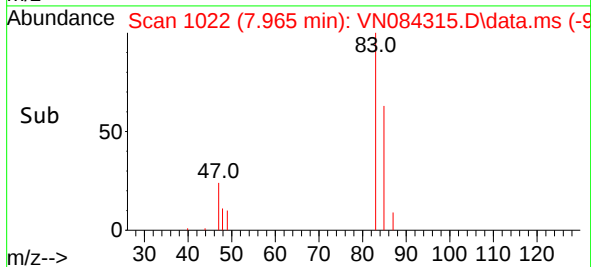
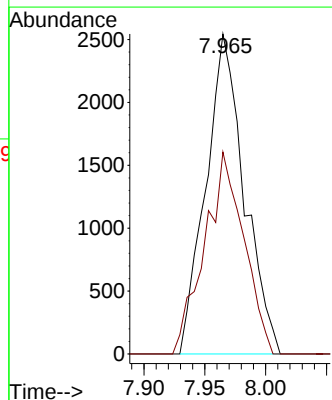
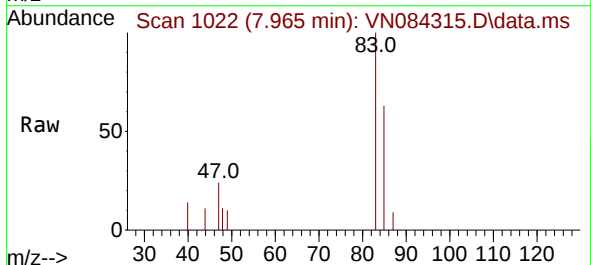
Instrument :
MSVOA_N
ClientSampleId :
14B-4

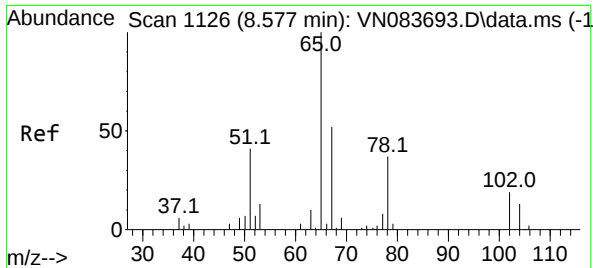
Tgt Ion:128 Resp: 30324
Ion Ratio Lower Upper
128 100
49 172.0 0.0 403.7
130 126.7 0.0 323.3



#25
Chloroform
Concen: 1.382 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084315.D
Acq: 04 Oct 2024 14:45

Tgt Ion: 83 Resp: 5582
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3





#27

1,2-Dichloroethane-d4

Concen: 28.107 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084315.D

Acq: 04 Oct 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

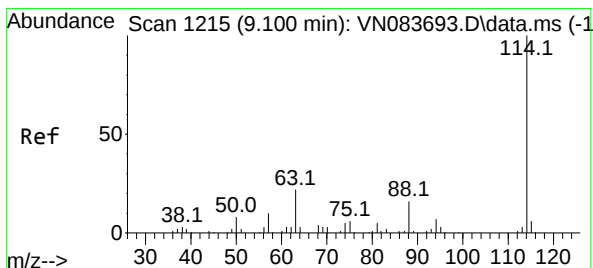
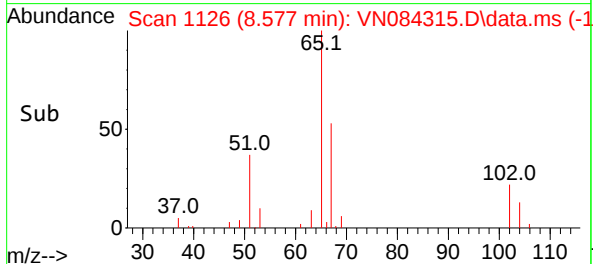
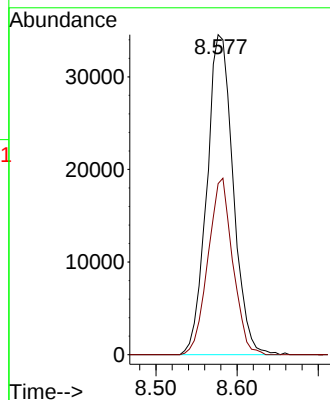
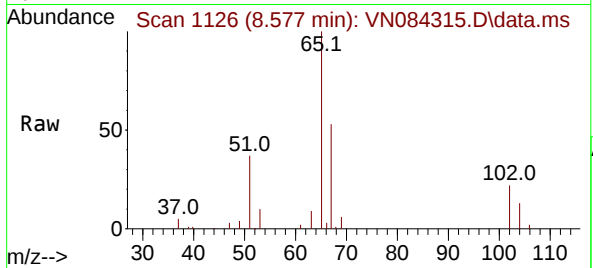
14B-4

Tgt Ion: 65 Resp: 77909

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# 1215

Delta R.T. -0.000 min

Lab File: VN084315.D

Acq: 04 Oct 2024 14:45

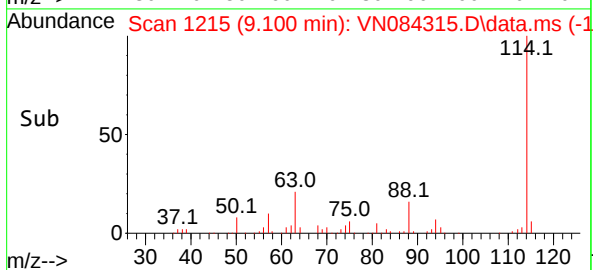
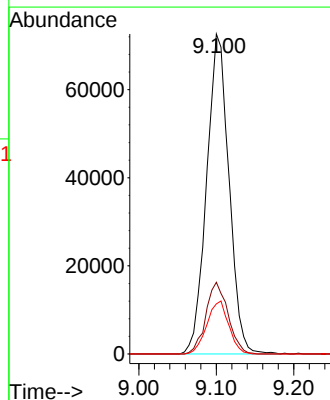
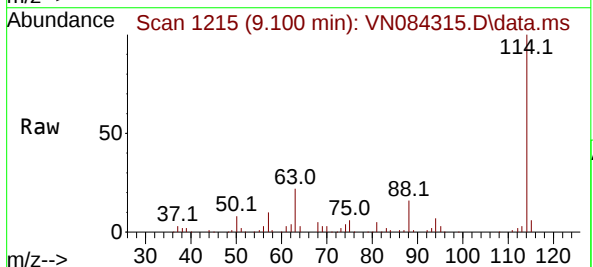
Tgt Ion:114 Resp: 145688

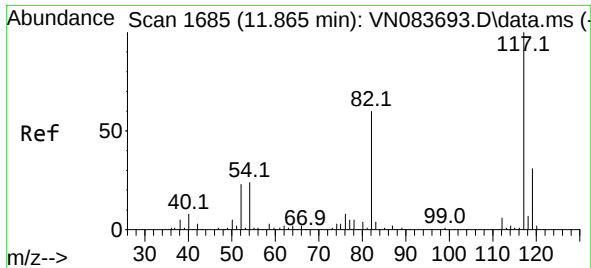
Ion Ratio Lower Upper

114 100

63 22.2 15.9 23.9

88 16.1 12.7 19.1

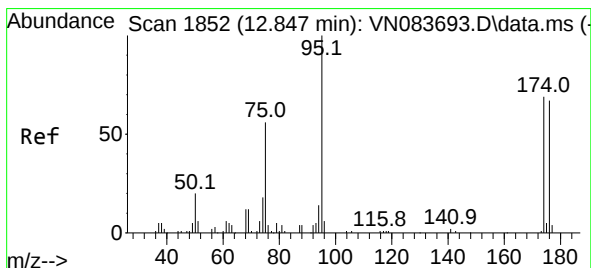
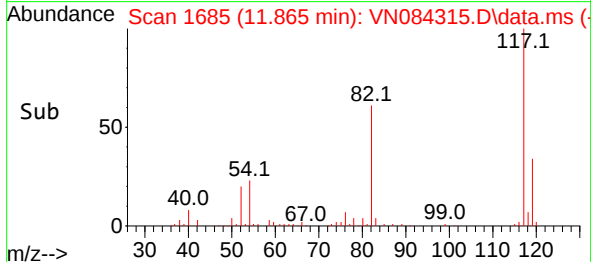
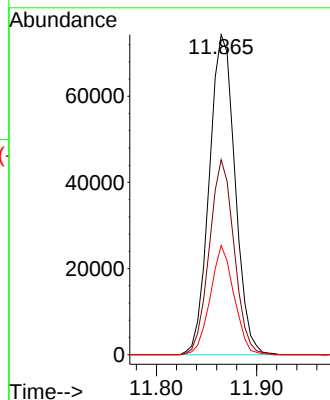
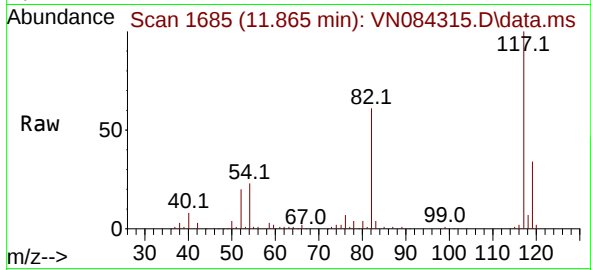




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084315.D
Acq: 04 Oct 2024 14:45

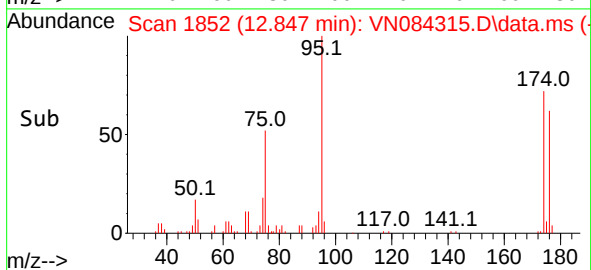
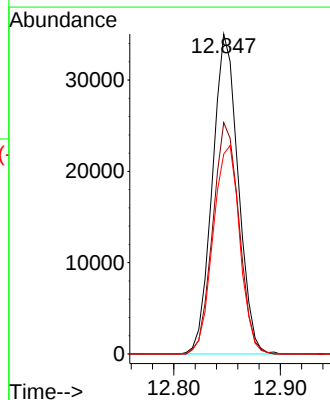
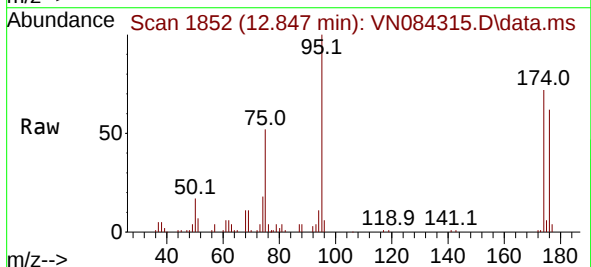
Instrument :
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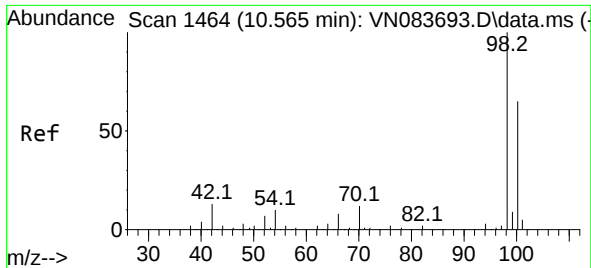
Tgt Ion:117 Resp: 132954
Ion Ratio Lower Upper
117 100
82 58.6 46.6 69.8
119 31.4 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 25.700 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084315.D
Acq: 04 Oct 2024 14:45

Tgt Ion: 95 Resp: 58889
Ion Ratio Lower Upper
95 100
174 73.6 60.5 90.7
176 67.5 57.8 86.6





#63
 Toluene-d8
 Concen: 31.959 ug/l
 RT: 10.565 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VN084315.D
 Acq: 04 Oct 2024 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Tgt Ion: 98 Resp: 196746
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.7 79.1

