

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083698.D
 Acq On : 06 Sep 2024 16:00
 Operator : JC\MD
 Sample : VN0906WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBL01

Quant Time: Sep 06 23:48:20 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	7.812	128	30123	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	168318	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	142649	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	81056	29.438	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.133%
60) 4-Bromofluorobenzene	12.847	95	68924	28.035	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.433%
63) Toluene-d8	10.565	98	198851	30.105	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.367%

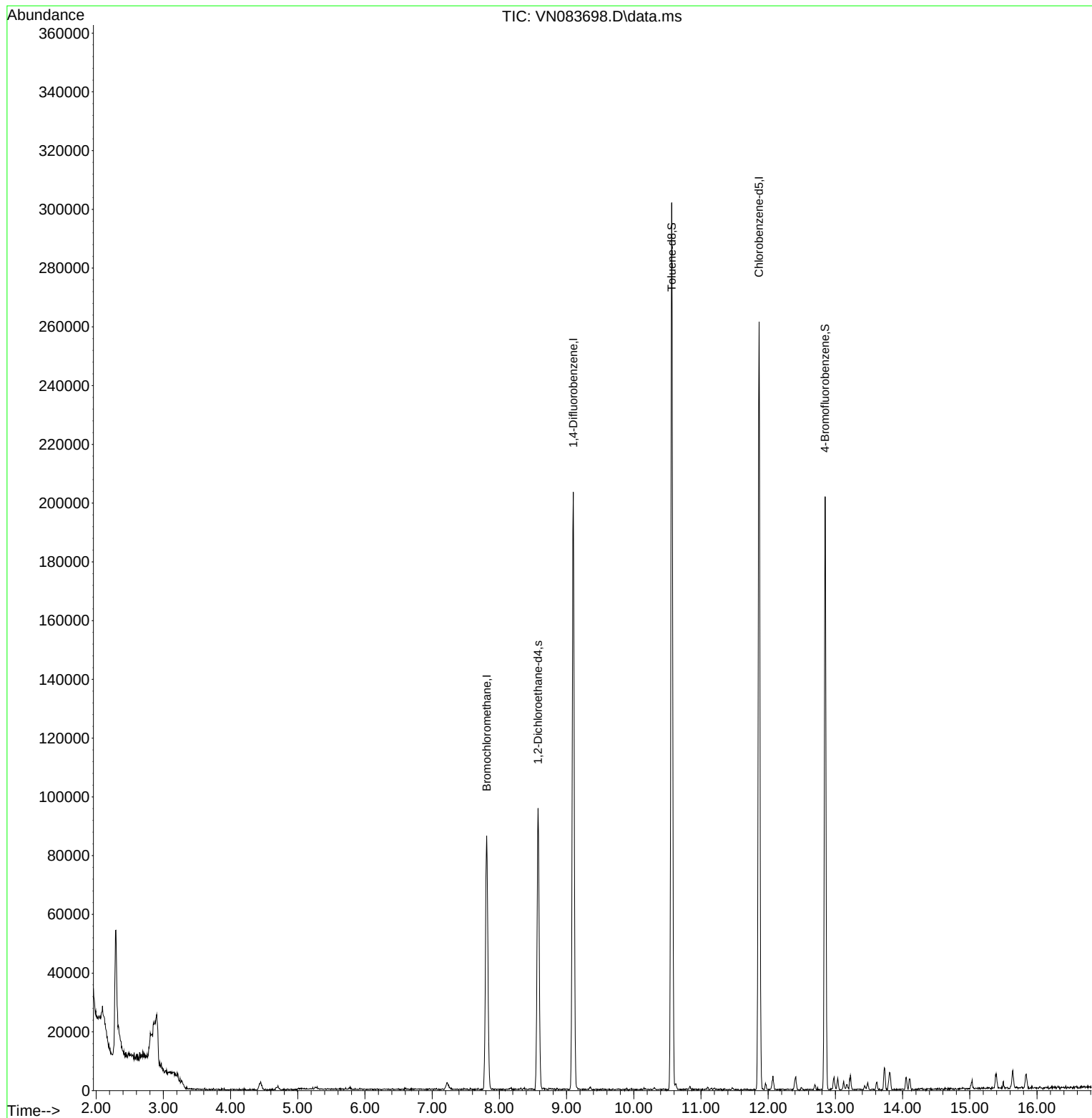
Target Compounds	Qvalue

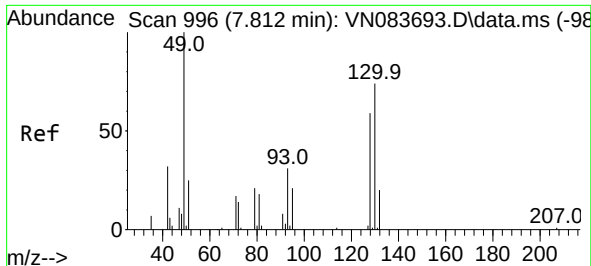
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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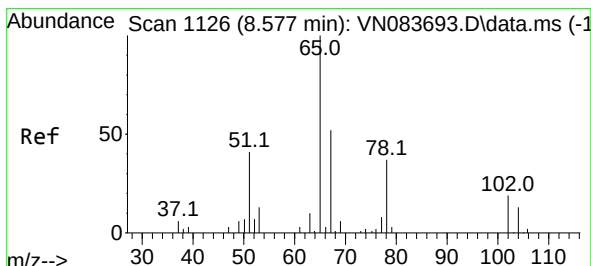
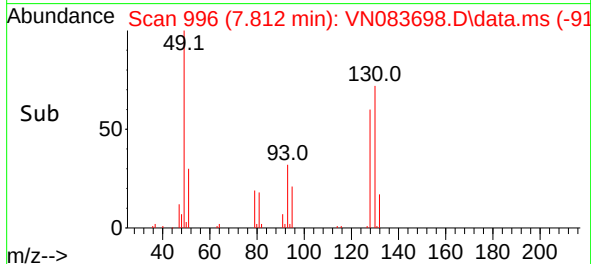
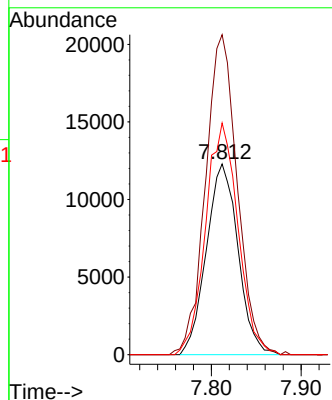
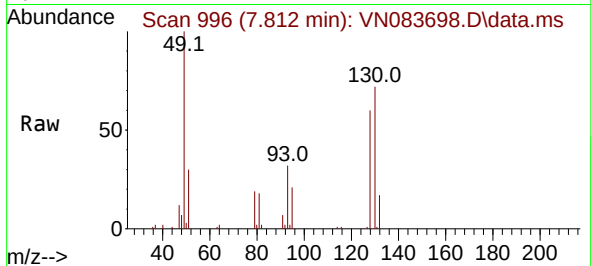




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083698.D
Acq: 06 Sep 2024 16:00

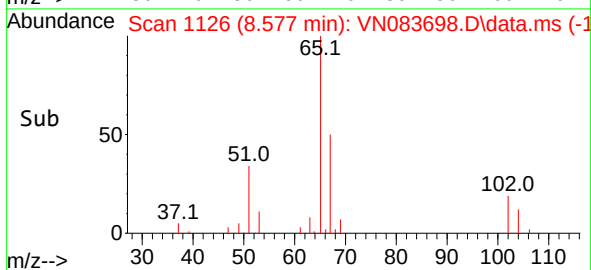
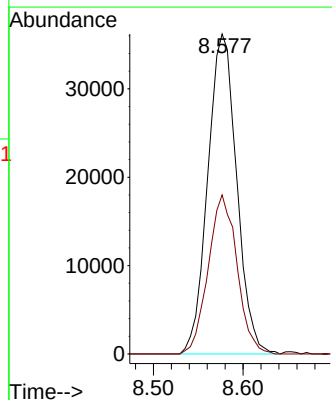
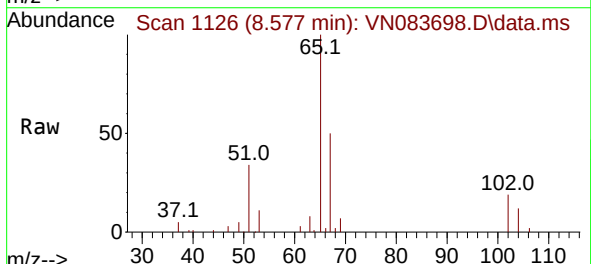
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBL01

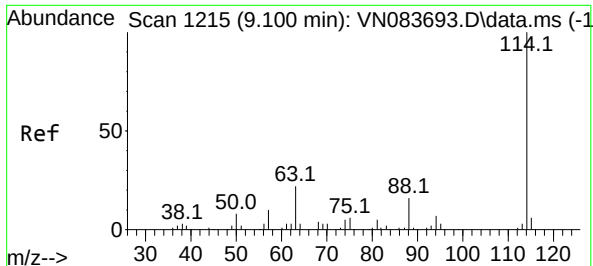
Tgt Ion:128 Resp: 30123
Ion Ratio Lower Upper
128 100
49 167.9 0.0 403.7
130 124.4 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 29.438 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083698.D
Acq: 06 Sep 2024 16:00

Tgt Ion: 65 Resp: 81056
Ion Ratio Lower Upper
65 100
67 49.5 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083698.D

Acq: 06 Sep 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBL01

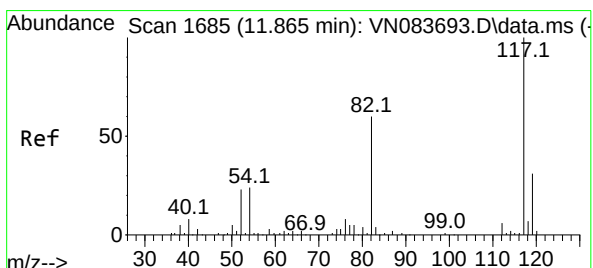
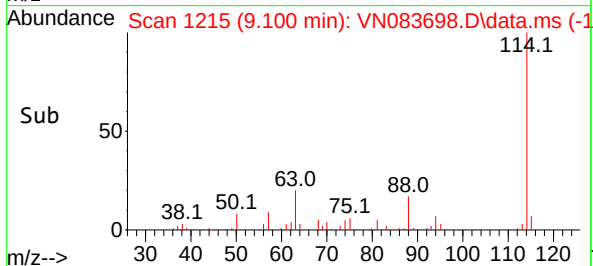
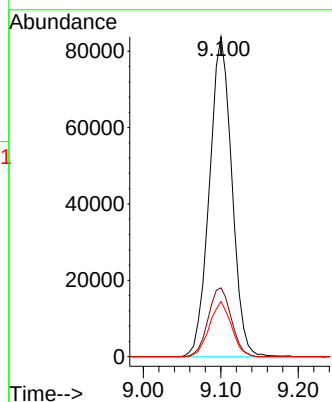
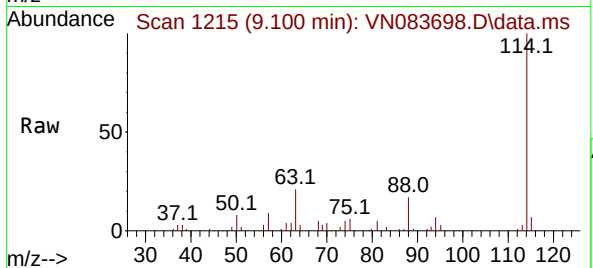
Tgt Ion:114 Resp: 168318

Ion Ratio Lower Upper

114 100

63 22.2 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: VN083698.D

Acq: 06 Sep 2024 16:00

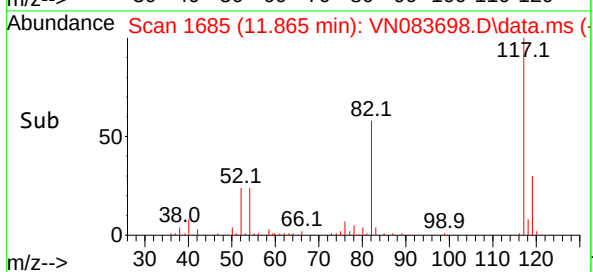
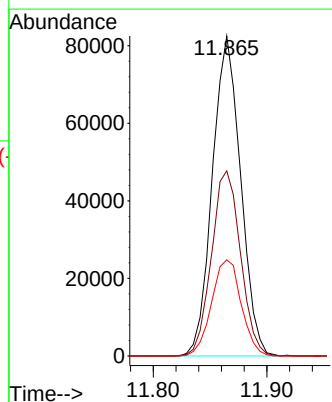
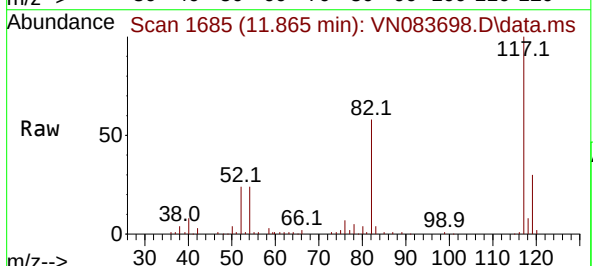
Tgt Ion:117 Resp: 142649

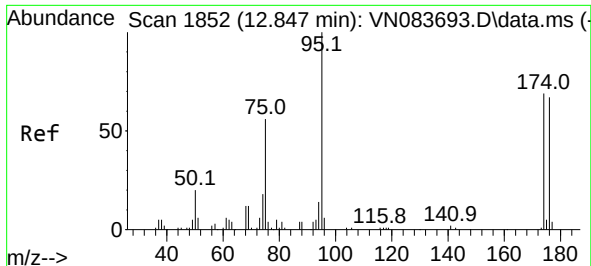
Ion Ratio Lower Upper

117 100

82 59.3 46.6 69.8

119 31.5 25.4 38.2

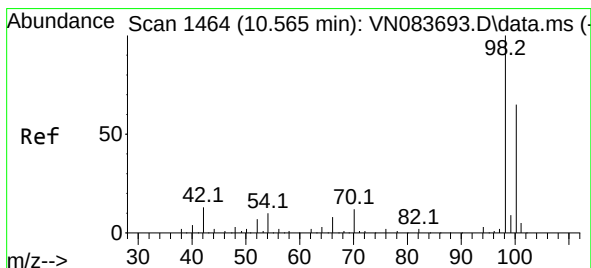
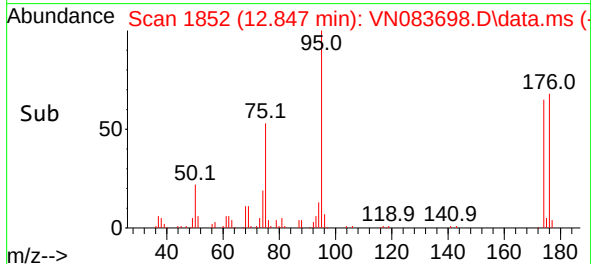
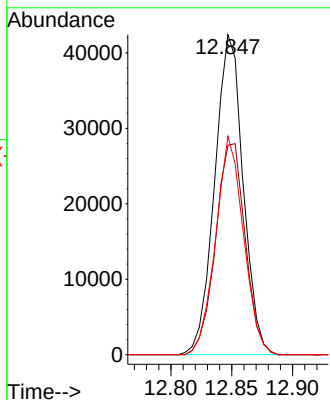
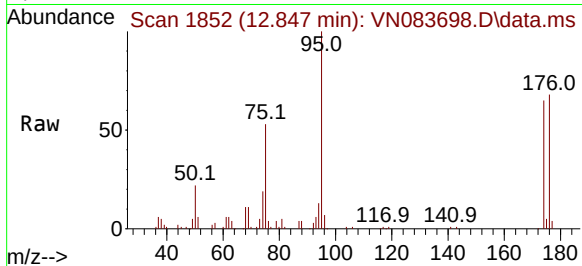




#60
4-Bromofluorobenzene
Concen: 28.035 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083698.D
Acq: 06 Sep 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBL01

Tgt Ion: 95 Resp: 68924
Ion Ratio Lower Upper
95 100
174 68.9 60.5 90.7
176 67.0 57.8 86.6



#63
Toluene-d8
Concen: 30.105 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083698.D
Acq: 06 Sep 2024 16:00

Tgt Ion: 98 Resp: 198851
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

