

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
 Data File : VN081770.D
 Acq On : 17 Apr 2024 13:49
 Operator : JC\MD
 Sample : VN0417WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBL01

Quant Time: Apr 18 01:11:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	17092	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	99076	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	129041	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	65827	31.350	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.500%
60) 4-Bromofluorobenzene	12.847	95	63372	24.979	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.267%
63) Toluene-d8	10.565	98	149197	28.824	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.067%

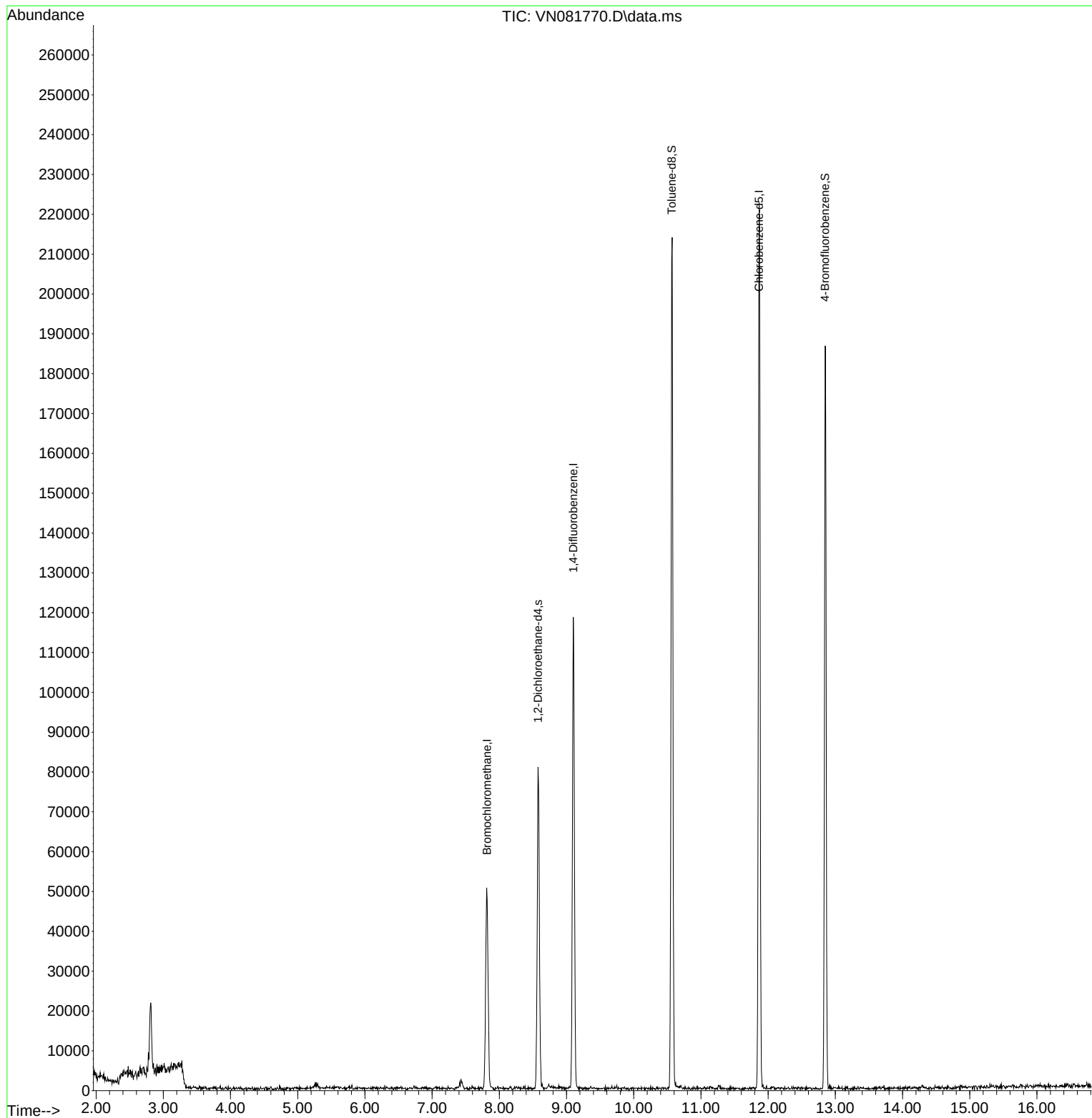
Target Compounds	Qvalue

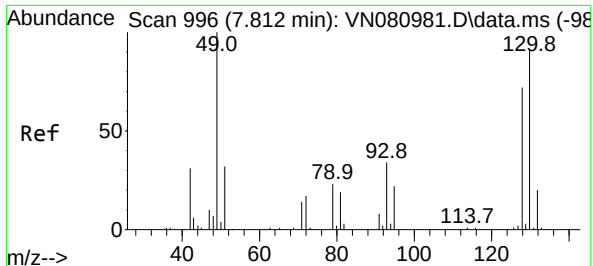
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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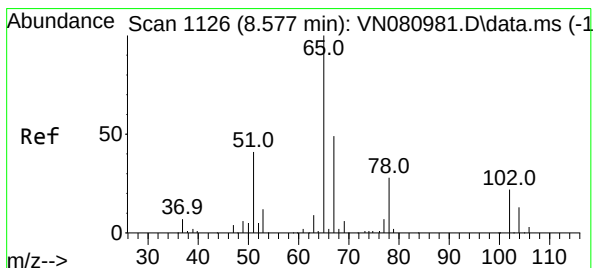
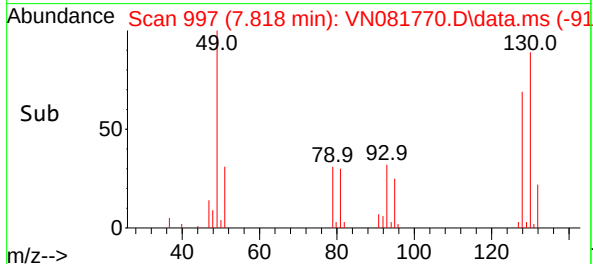
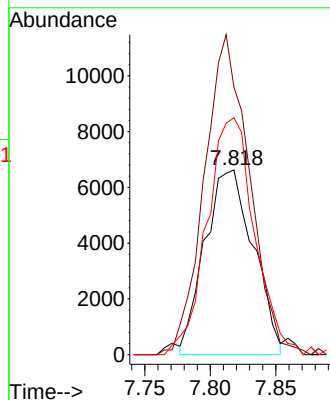
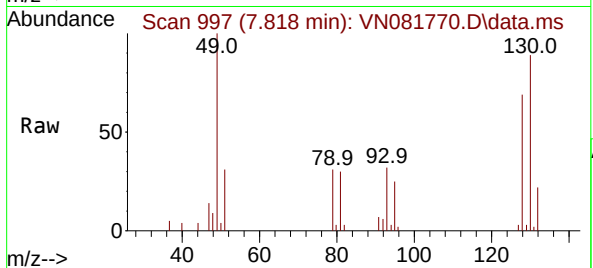




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081770.D
Acq: 17 Apr 2024 13:49

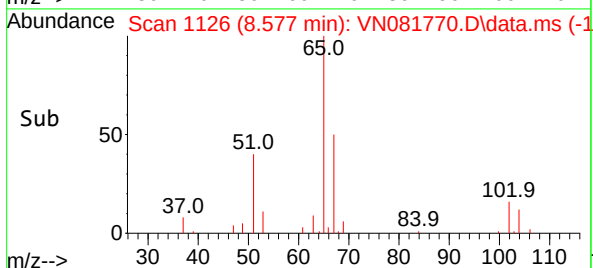
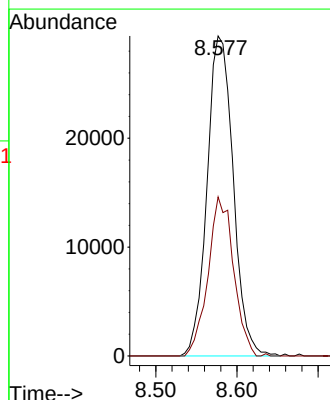
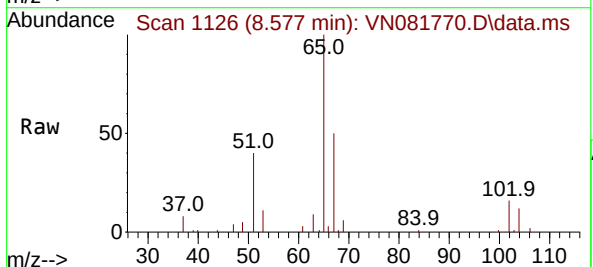
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBL01

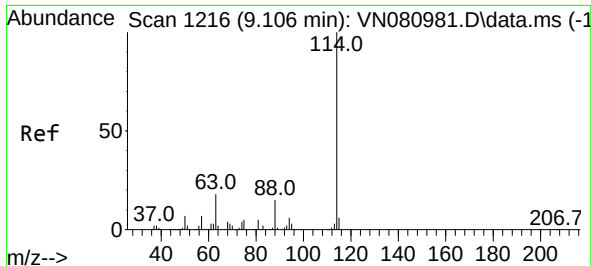
Tgt Ion:	128	Resp:	17092
Ion	Ratio	Lower	Upper
128	100		
49	160.2	0.0	403.7
130	125.6	0.0	323.3



#27
1,2-Dichloroethane-d4
Concen: 31.350 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081770.D
Acq: 17 Apr 2024 13:49

Tgt Ion:	65	Resp:	65827
Ion	Ratio	Lower	Upper
65	100		
67	48.5	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: VN081770.D

Acq: 17 Apr 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBL01

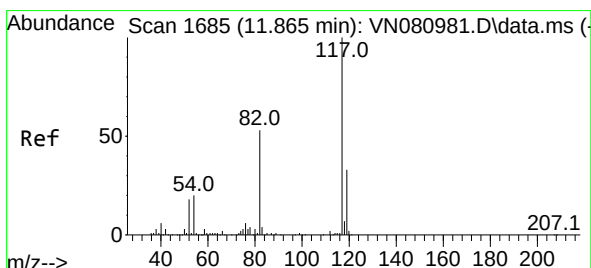
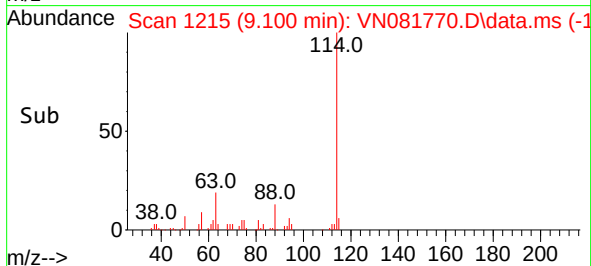
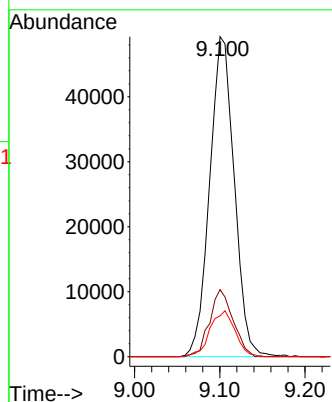
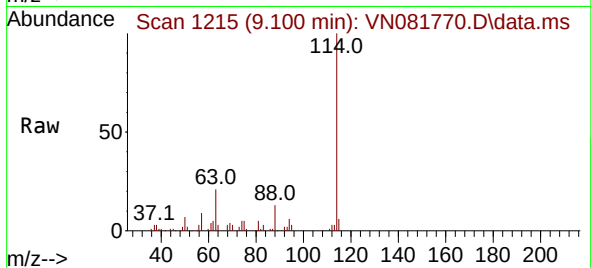
Tgt Ion:114 Resp: 99076

Ion Ratio Lower Upper

114 100

63 20.1 15.9 23.9

88 14.7 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: VN081770.D

Acq: 17 Apr 2024 13:49

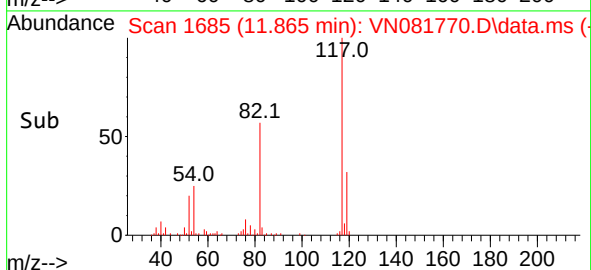
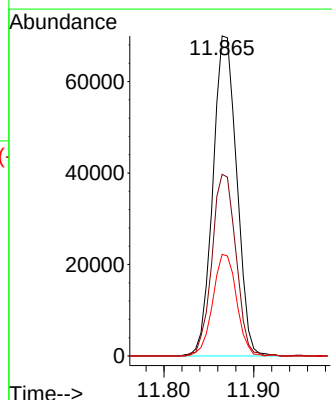
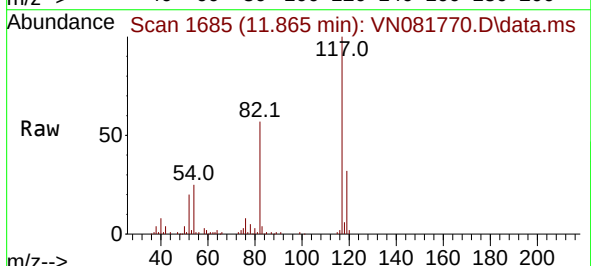
Tgt Ion:117 Resp: 129041

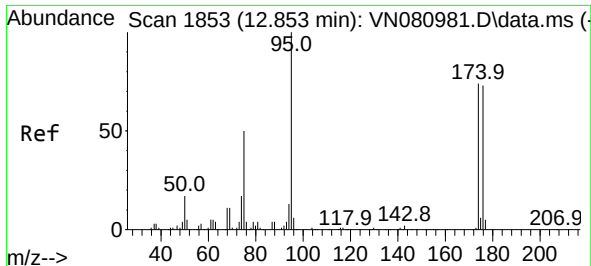
Ion Ratio Lower Upper

117 100

82 57.1 46.6 69.8

119 31.7 25.4 38.2

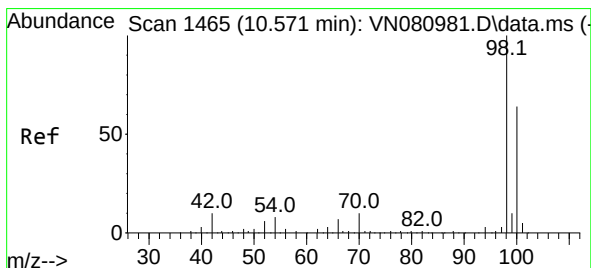
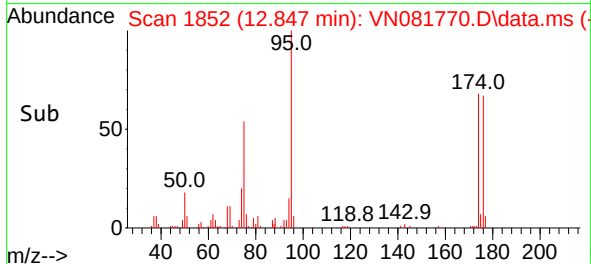
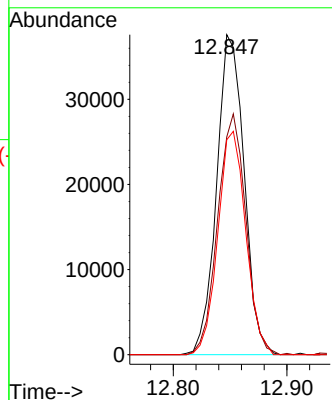
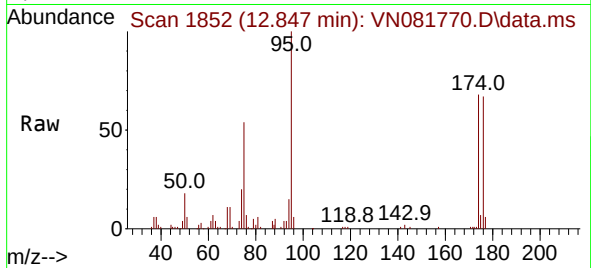




#60
4-Bromofluorobenzene
Concen: 24.979 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081770.D
Acq: 17 Apr 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBL01

Tgt Ion: 95 Resp: 63372
Ion Ratio Lower Upper
95 100
174 76.7 60.5 90.7
176 70.8 57.8 86.6



#63
Toluene-d8
Concen: 28.824 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081770.D
Acq: 17 Apr 2024 13:49

Tgt Ion: 98 Resp: 149197
Ion Ratio Lower Upper
98 100
100 61.6 52.7 79.1

