

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092624\
 Data File : VN084191.D
 Acq On : 26 Sep 2024 21:04
 Operator : JC\MD
 Sample : P4189-03 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Sep 27 01:15:29 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)

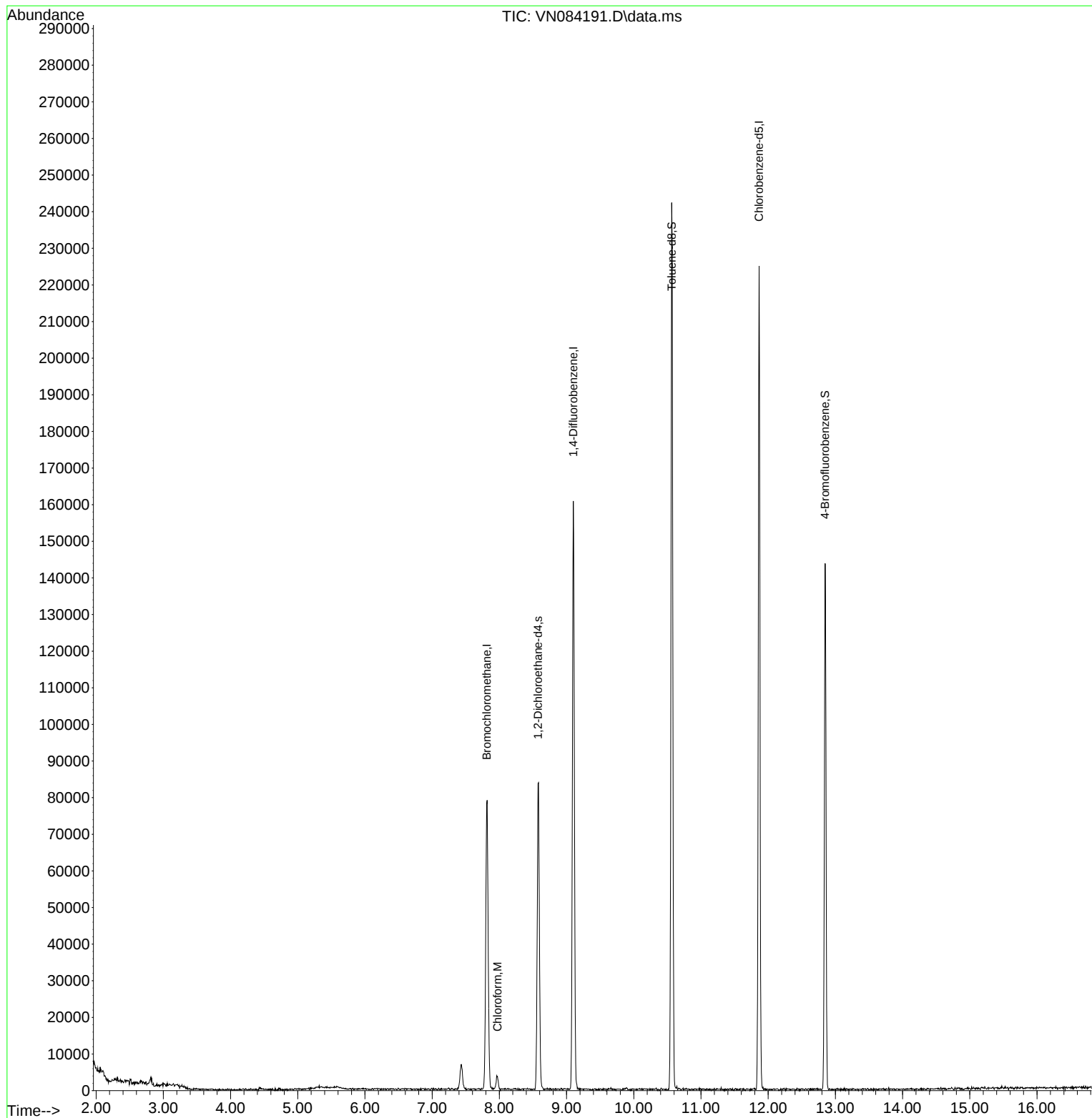
Internal Standards						
1) Bromochloromethane	7.812	128	27224	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	131497	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	122299	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	70173	28.199	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.000%
60) 4-Bromofluorobenzene	12.847	95	50569	23.991	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.967%
63) Toluene-d8	10.565	98	165746	29.269	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.567%
Target Compounds						
25) Chloroform	7.971	83	3691	1.018	ug/l	Qvalue 84

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

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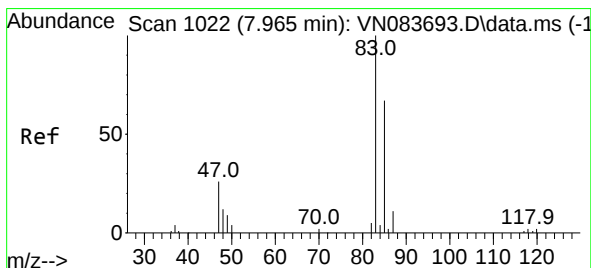
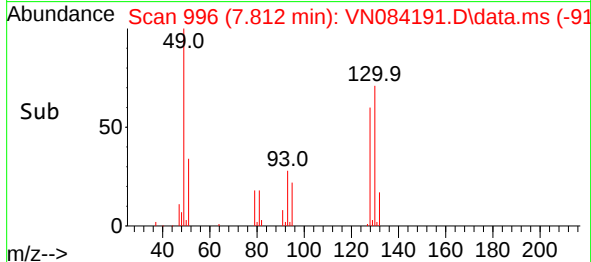
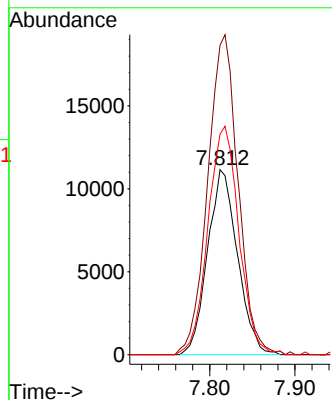
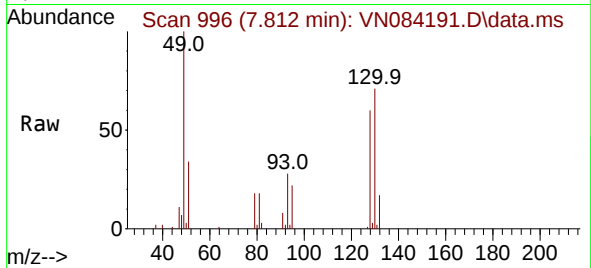




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084191.D
Acq: 26 Sep 2024 21:04

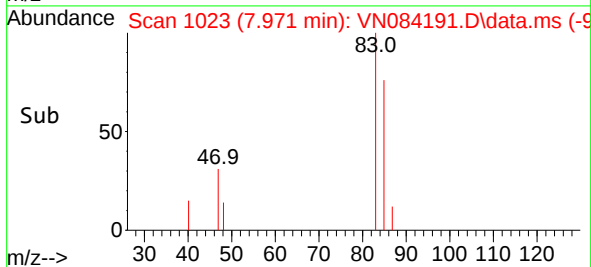
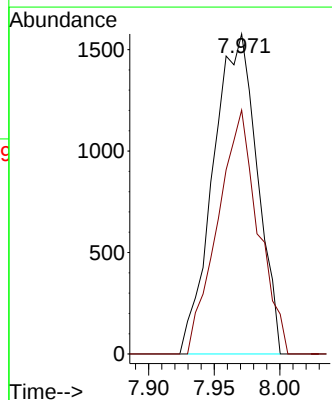
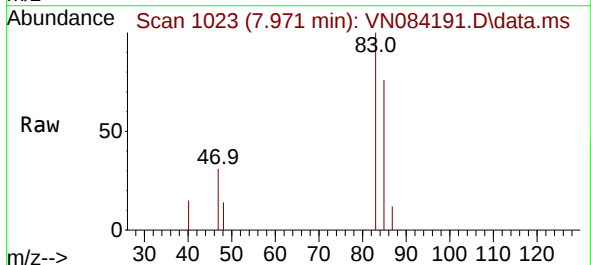
Instrument :
MSVOA_N
ClientSampleId :
14B-3

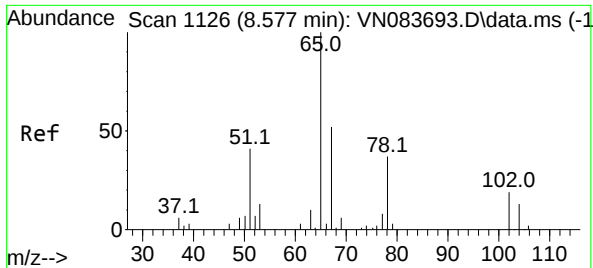
Tgt Ion	Ratio	Lower	Upper
128	100		
49	175.3	0.0	403.7
130	127.7	0.0	323.3



#25
Chloroform
Concen: 1.018 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084191.D
Acq: 26 Sep 2024 21:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	76.2	50.9	76.3

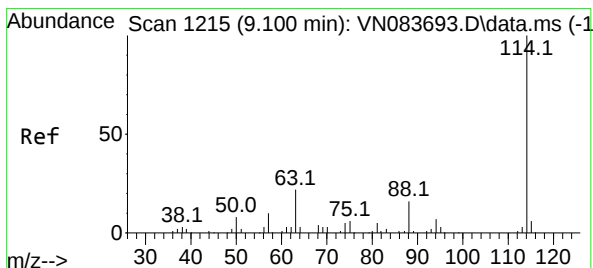
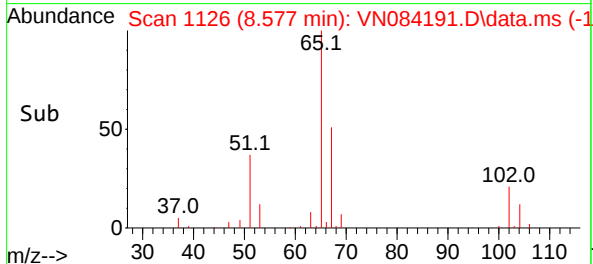
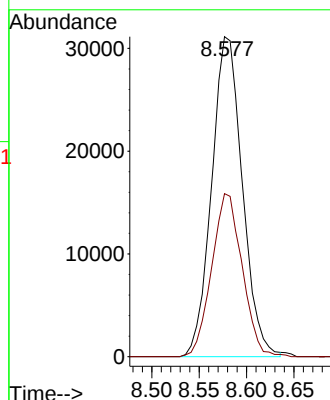
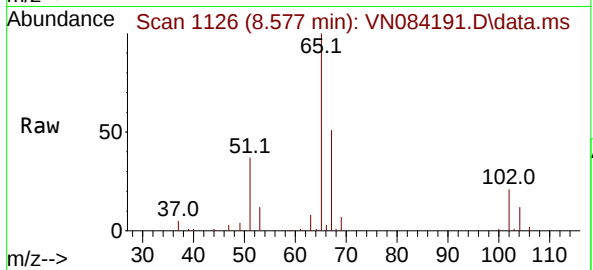




#27
1,2-Dichloroethane-d4
Concen: 28.199 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084191.D
Acq: 26 Sep 2024 21:04

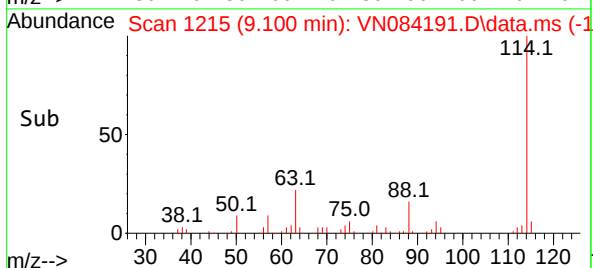
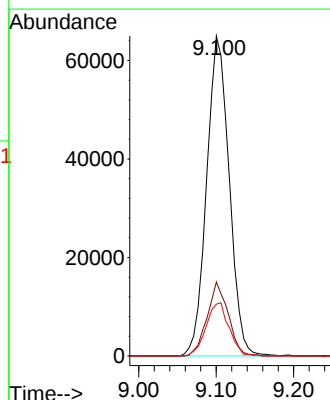
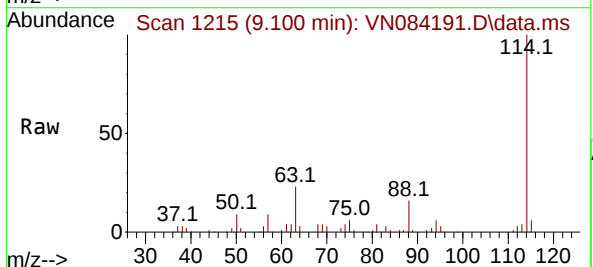
Instrument :
MSVOA_N
ClientSampleId :
14B-3

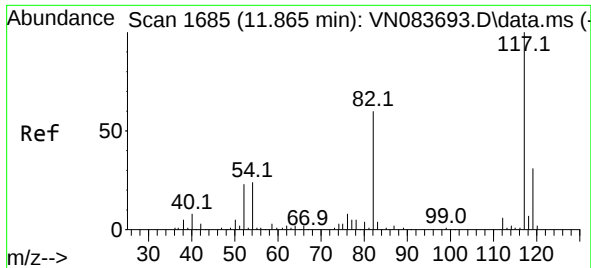
Tgt Ion: 65 Resp: 70173
Ion Ratio Lower Upper
65 100
67 50.5 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084191.D
Acq: 26 Sep 2024 21:04

Tgt Ion: 114 Resp: 131497
Ion Ratio Lower Upper
114 100
63 21.6 15.9 23.9
88 16.7 12.7 19.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084191.D

Acq: 26 Sep 2024 21:04

Instrument :

MSVOA_N

ClientSampleId :

14B-3

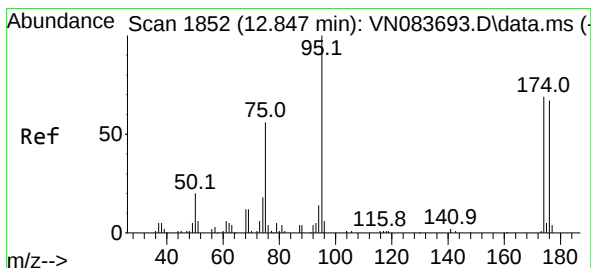
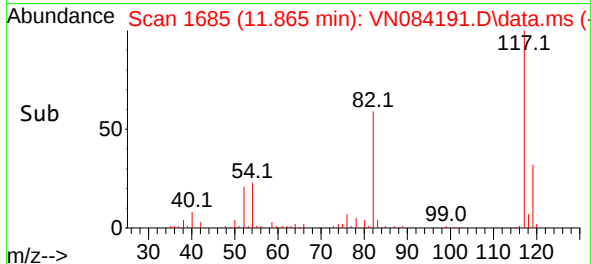
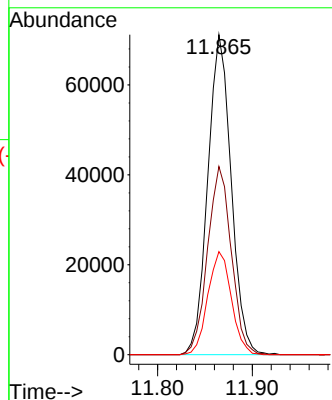
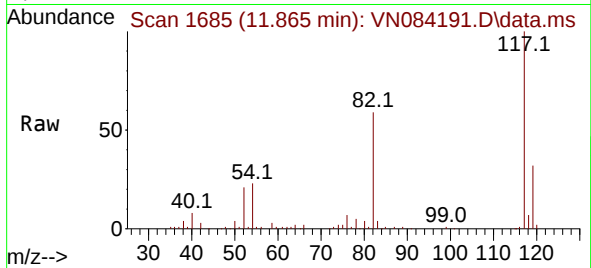
Tgt Ion:117 Resp: 122299

Ion Ratio Lower Upper

117 100

82 59.7 46.6 69.8

119 32.4 25.4 38.2



#60

4-Bromofluorobenzene

Concen: 23.991 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084191.D

Acq: 26 Sep 2024 21:04

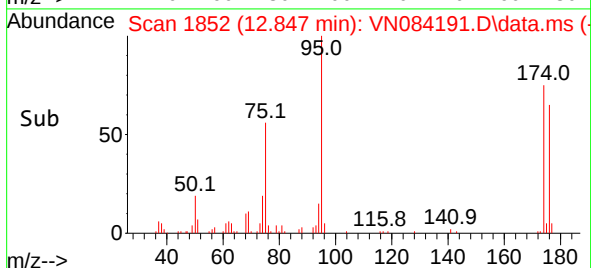
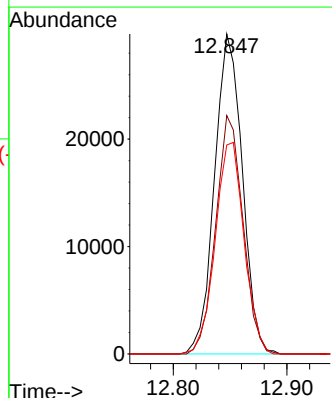
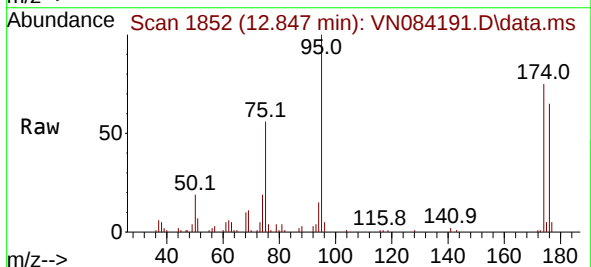
Tgt Ion: 95 Resp: 50569

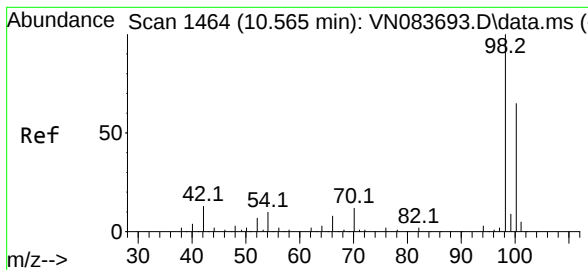
Ion Ratio Lower Upper

95 100

174 73.2 60.5 90.7

176 68.7 57.8 86.6





#63
Toluene-d8
Concen: 29.269 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084191.D
Acq: 26 Sep 2024 21:04

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Tgt Ion: 98 Resp: 165746
Ion Ratio Lower Upper
98 100
100 63.0 52.7 79.1

