

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
 Data File : VN085059.D
 Acq On : 27 Nov 2024 15:07
 Operator : JC\MD
 Sample : P5018-04 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Nov 28 05:34:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	24391	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	127521	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	110334	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	61032	31.125	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.733%
60) 4-Bromofluorobenzene	12.847	95	44319	23.329	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.767%
63) Toluene-d8	10.565	98	147800	28.297	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.333%

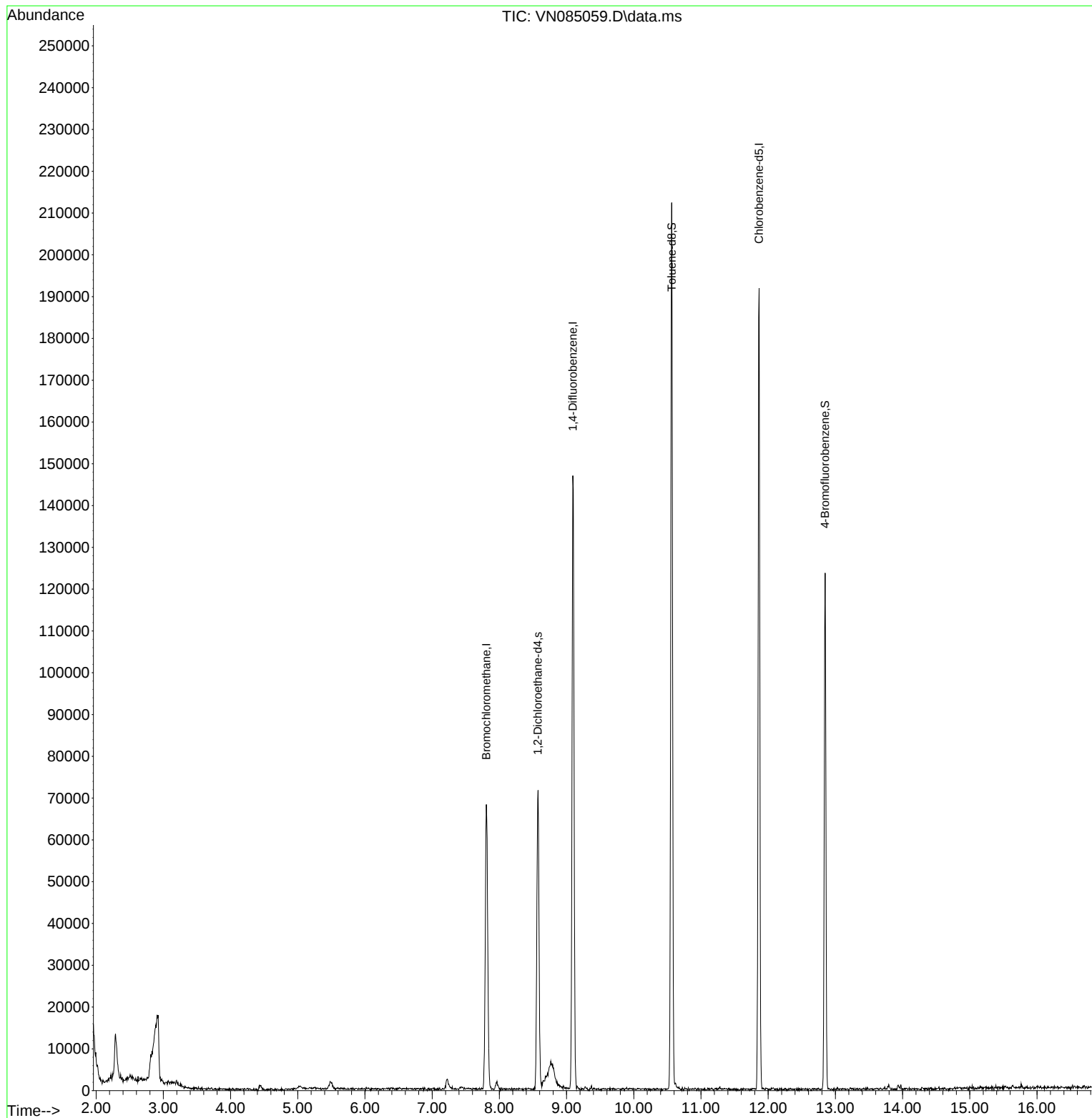
Target Compounds	Qvalue

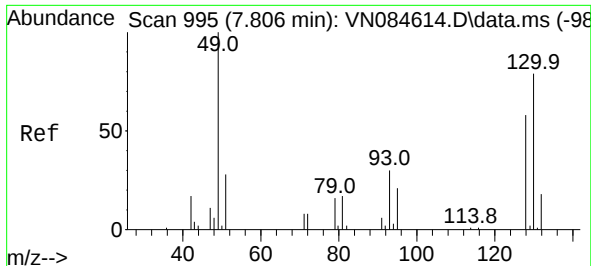
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
Data File : VN085059.D
Acq On : 27 Nov 2024 15:07
Operator : JC\MD
Sample : P5018-04 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-4

Quant Time: Nov 28 05:34:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.806 min Scan# 995

Delta R.T. 0.000 min

Lab File: VN085059.D

Acq: 27 Nov 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

14B-4

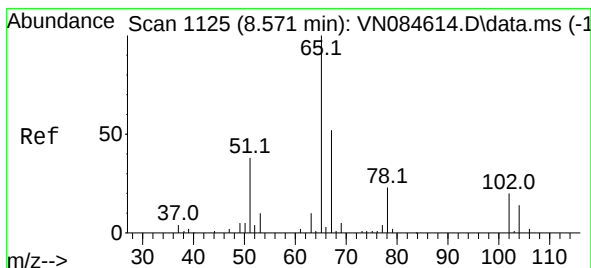
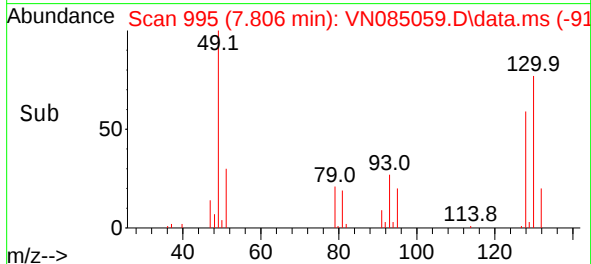
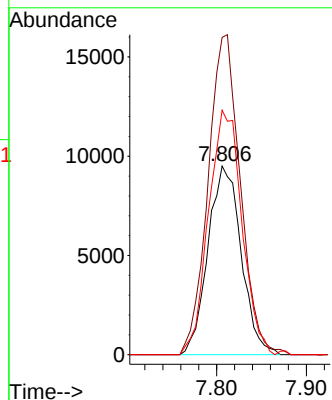
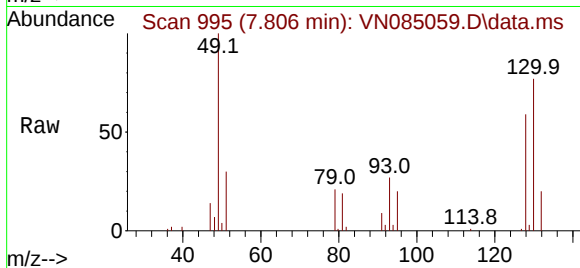
Tgt Ion:128 Resp: 24391

Ion Ratio Lower Upper

128 100

49 164.8 0.0 427.0

130 130.5 0.0 322.2



#27

1,2-Dichloroethane-d4

Concen: 31.125 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085059.D

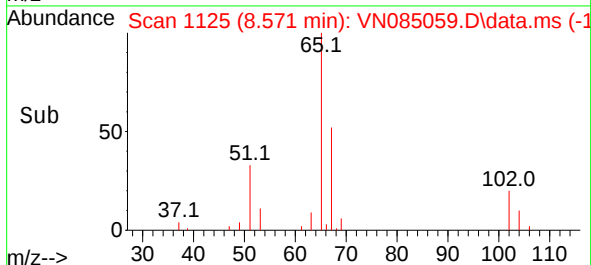
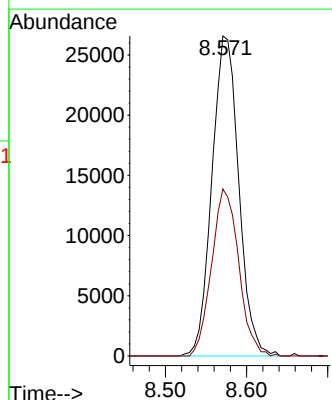
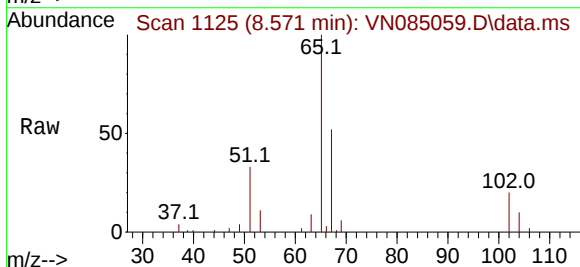
Acq: 27 Nov 2024 15:07

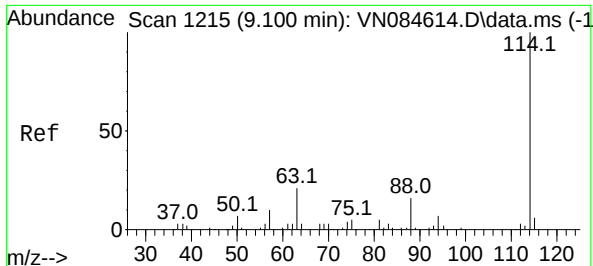
Tgt Ion: 65 Resp: 61032

Ion Ratio Lower Upper

65 100

67 52.6 40.7 61.1

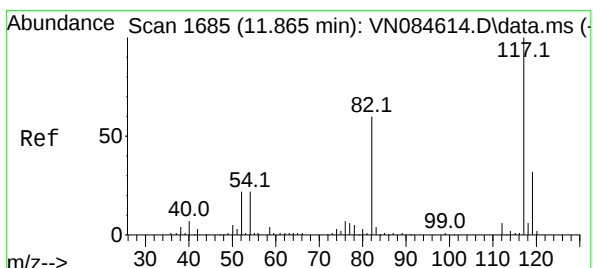
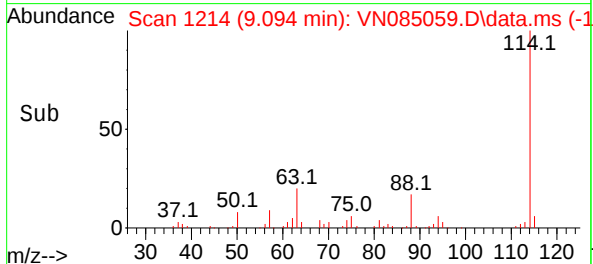
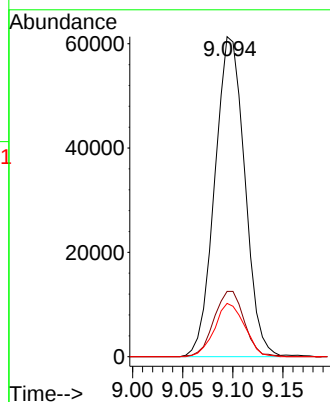
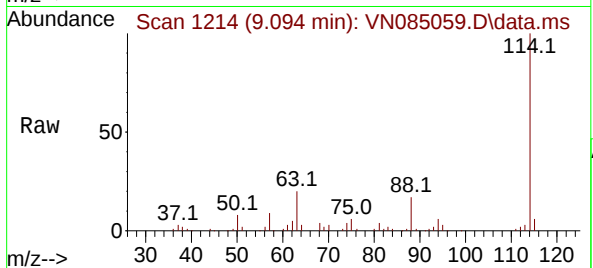




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085059.D
Acq: 27 Nov 2024 15:07

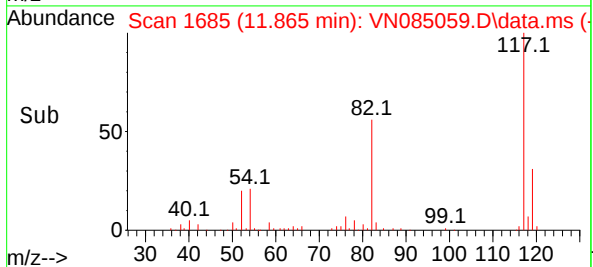
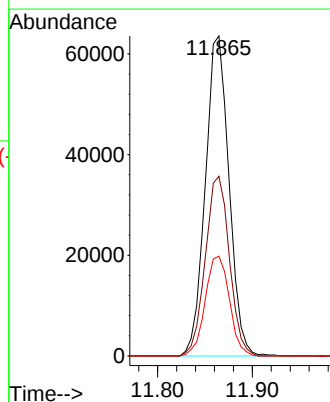
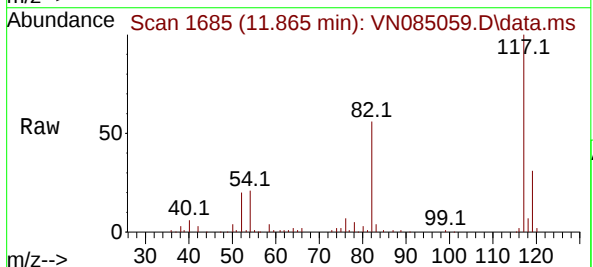
Instrument :
MSVOA_N
ClientSampleId :
14B-4

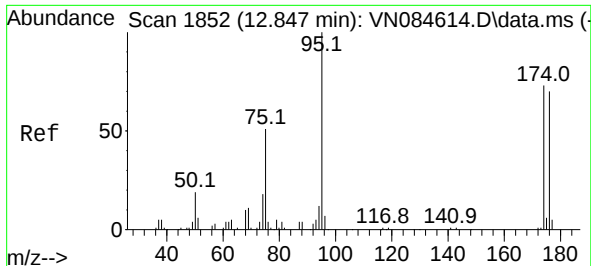
Tgt Ion:114 Resp: 127521
Ion Ratio Lower Upper
114 100
63 20.7 16.8 25.2
88 16.7 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085059.D
Acq: 27 Nov 2024 15:07

Tgt Ion:117 Resp: 110334
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 31.8 25.3 37.9





#60

4-Bromofluorobenzene

Concen: 23.329 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085059.D

Acq: 27 Nov 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

14B-4

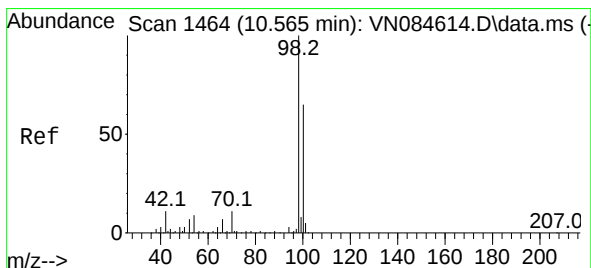
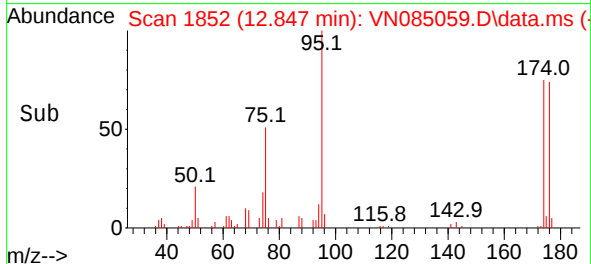
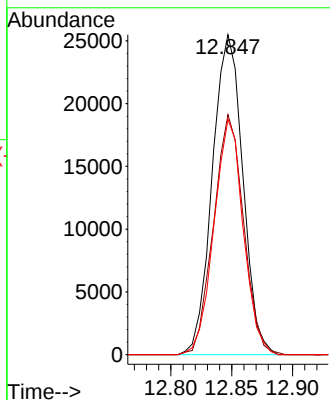
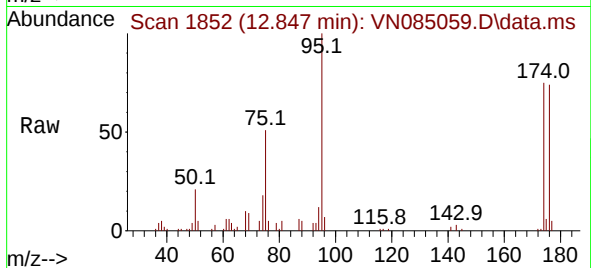
Tgt Ion: 95 Resp: 44319

Ion Ratio Lower Upper

95 100

174 74.0 59.6 89.4

176 70.7 58.6 88.0



#63

Toluene-d8

Concen: 28.297 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085059.D

Acq: 27 Nov 2024 15:07

Tgt Ion: 98 Resp: 147800

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.2

