

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
 Data File : VN085058.D
 Acq On : 27 Nov 2024 14:44
 Operator : JC\MD
 Sample : P5018-03 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Nov 28 05:33:58 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	24374	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	124625	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	107923	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	59942	30.590	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.967%
60) 4-Bromofluorobenzene	12.847	95	44374	23.879	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.600%
63) Toluene-d8	10.559	98	146031	28.583	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.267%

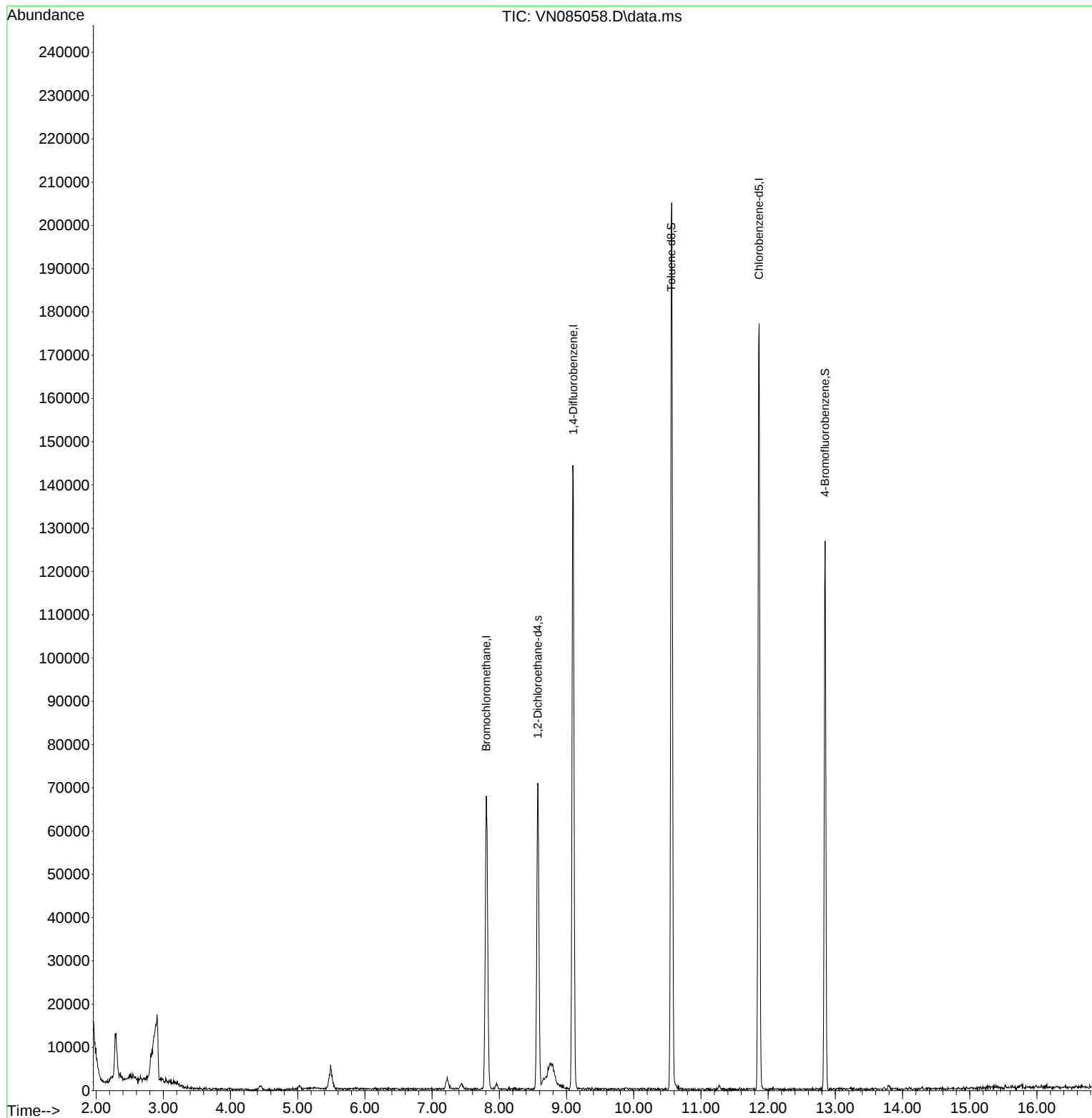
Target Compounds	Qvalue

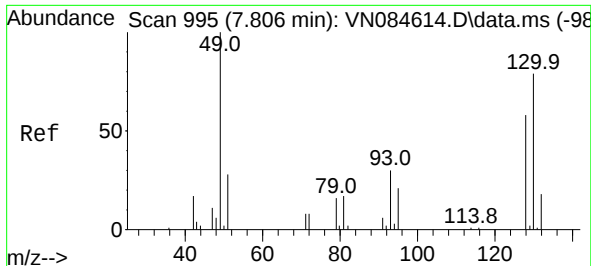
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.806 min Scan# 995

Delta R.T. 0.000 min

Lab File: VN085058.D

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MSVOA_N

ClientSampleId :

14B-3

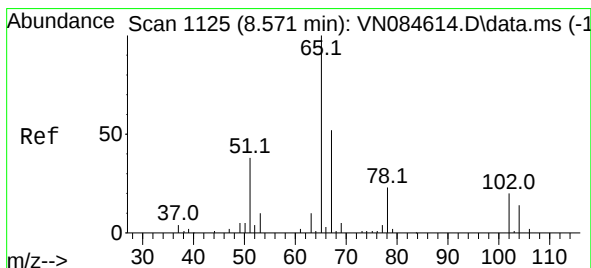
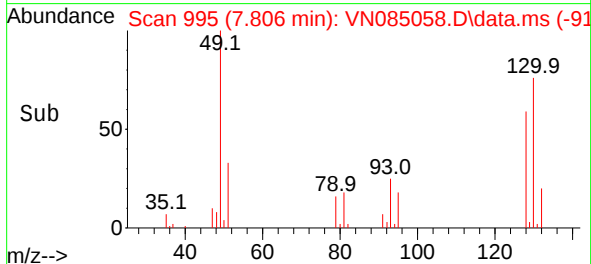
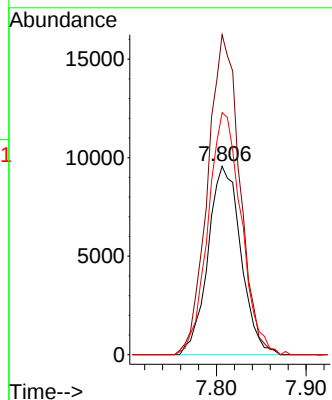
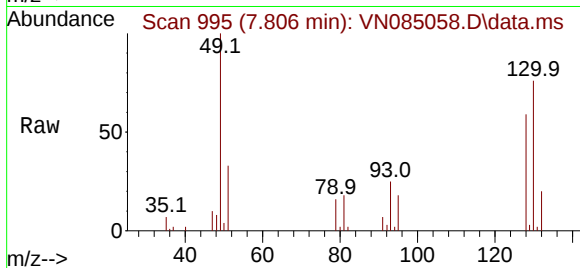
Tgt Ion:128 Resp: 24374

Ion Ratio Lower Upper

128 100

49 165.5 0.0 427.0

130 130.1 0.0 322.2



#27

1,2-Dichloroethane-d4

Concen: 30.590 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085058.D

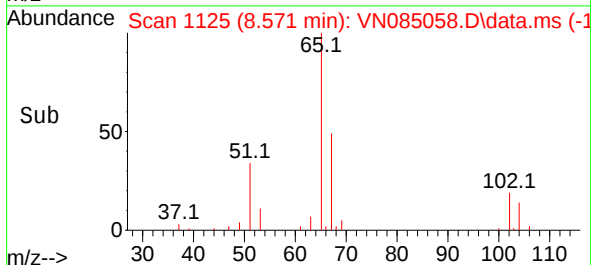
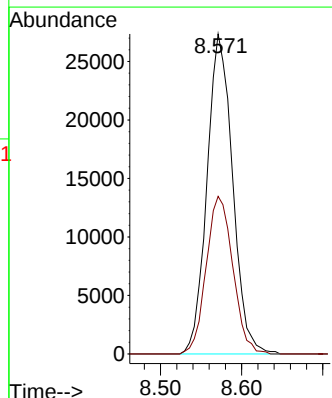
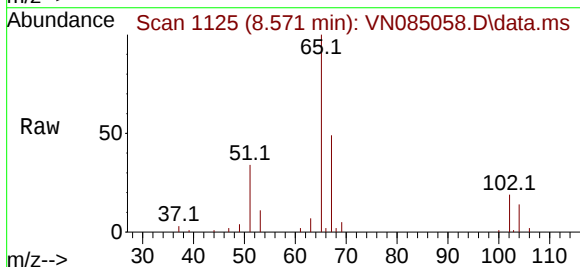
Acq: 27 Nov 2024 14:44

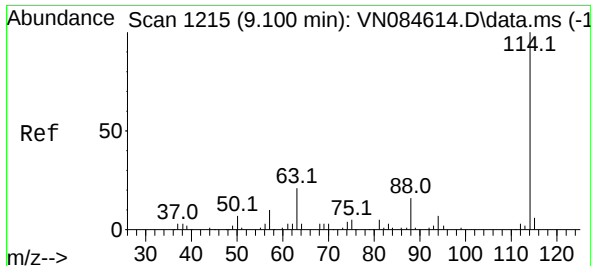
Tgt Ion: 65 Resp: 59942

Ion Ratio Lower Upper

65 100

67 51.1 40.7 61.1

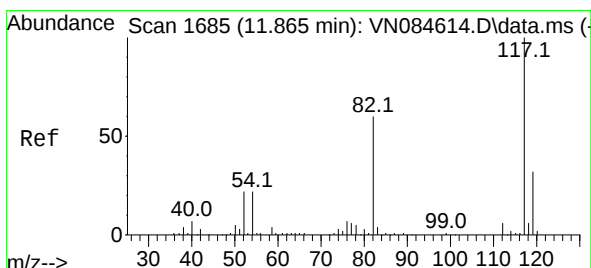
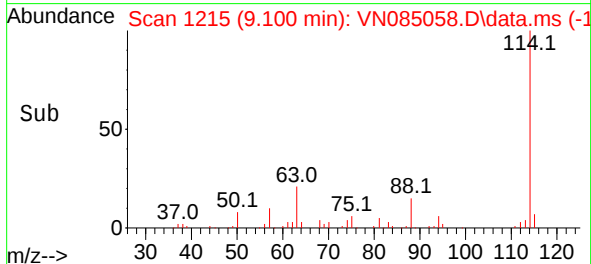
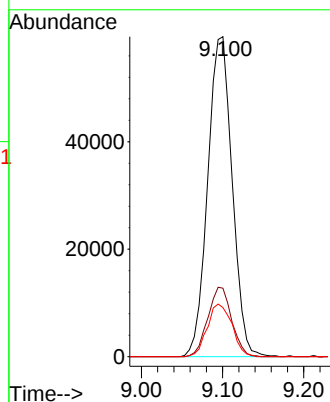
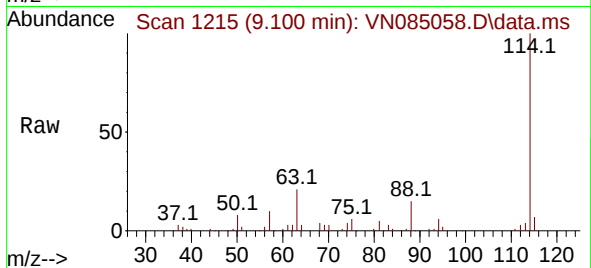




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085058.D
Acq: 27 Nov 2024 14:44

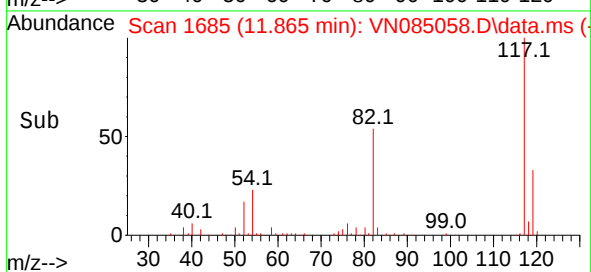
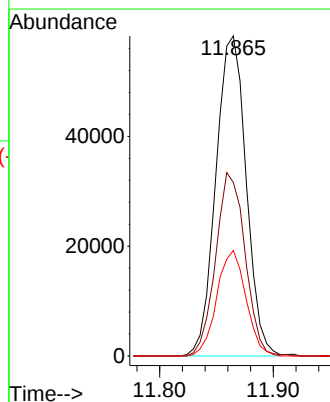
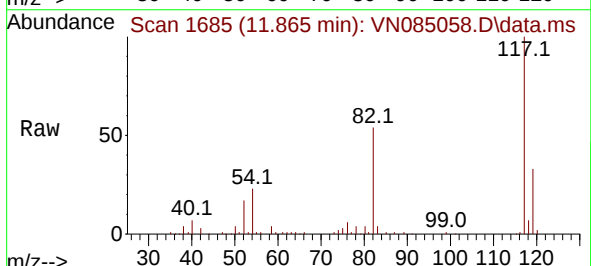
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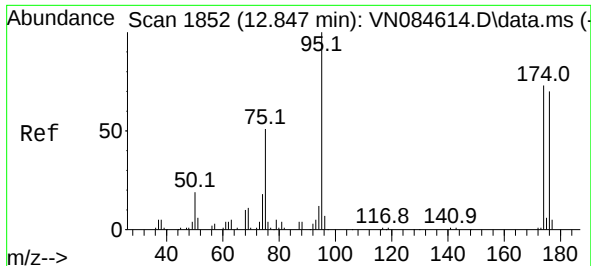
Tgt Ion:114 Resp: 124625
Ion Ratio Lower Upper
114 100
63 21.1 16.8 25.2
88 16.6 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085058.D
Acq: 27 Nov 2024 14:44

Tgt Ion:117 Resp: 107923
Ion Ratio Lower Upper
117 100
82 55.6 45.5 68.3
119 31.7 25.3 37.9





#60

4-Bromofluorobenzene

Concen: 23.879 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085058.D

Acq: 27 Nov 2024 14:44

Instrument :

MSVOA_N

ClientSampleId :

14B-3

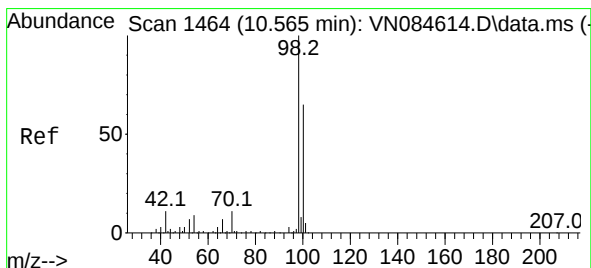
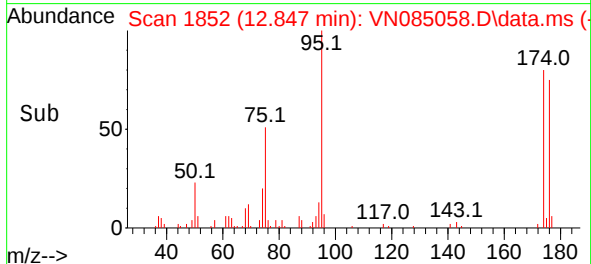
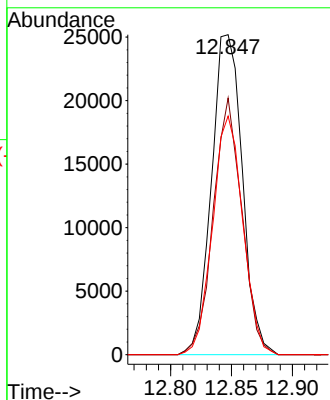
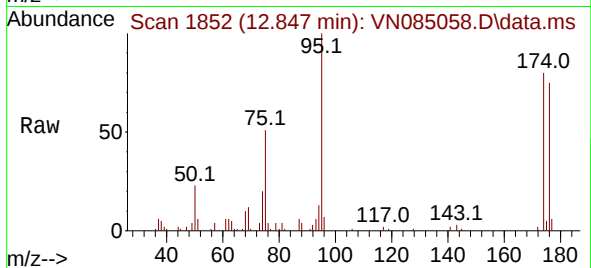
Tgt Ion: 95 Resp: 44374

Ion Ratio Lower Upper

95 100

174 74.3 59.6 89.4

176 73.1 58.6 88.0



#63

Toluene-d8

Concen: 28.583 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085058.D

Acq: 27 Nov 2024 14:44

Tgt Ion: 98 Resp: 146031

Ion Ratio Lower Upper

98 100

100 63.1 52.2 78.2

