

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
 Data File : VN085057.D
 Acq On : 27 Nov 2024 14:20
 Operator : JC\MD
 Sample : P5018-02 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Nov 28 06:57:17 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	21362	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	109546	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	94649	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	51084	29.745	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.167%
60) 4-Bromofluorobenzene	12.847	95	38956	23.904	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.667%
63) Toluene-d8	10.565	98	125867	28.091	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.633%

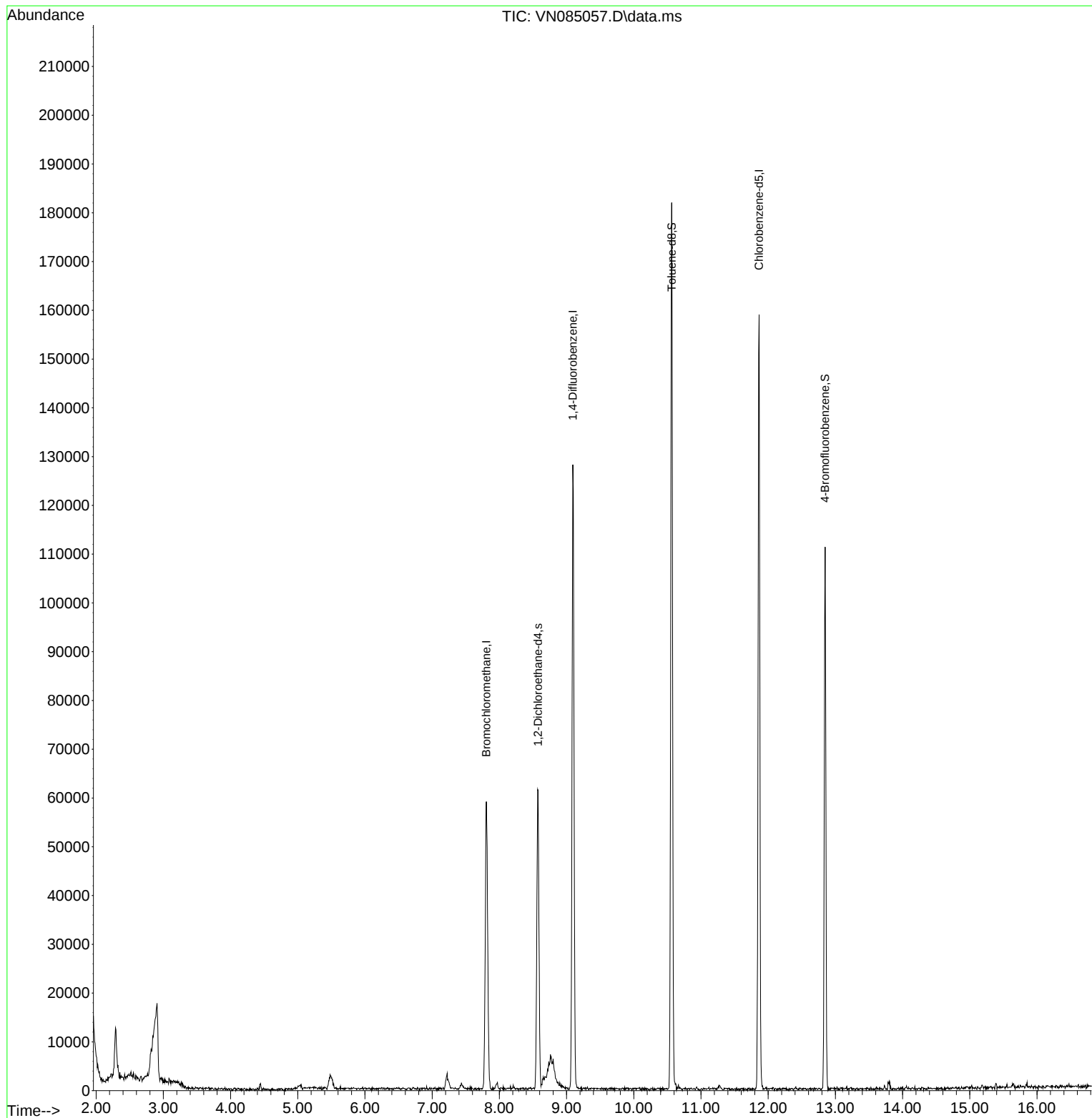
Target Compounds	Qvalue

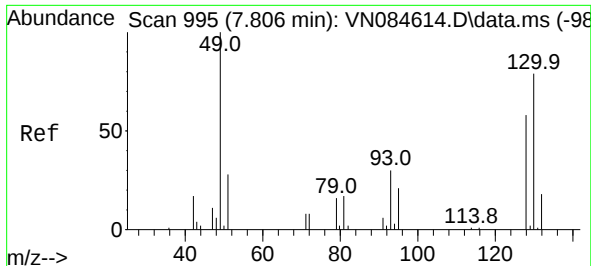
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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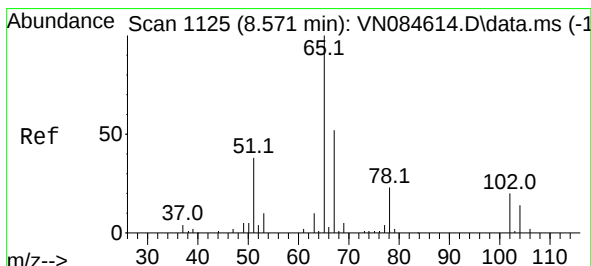
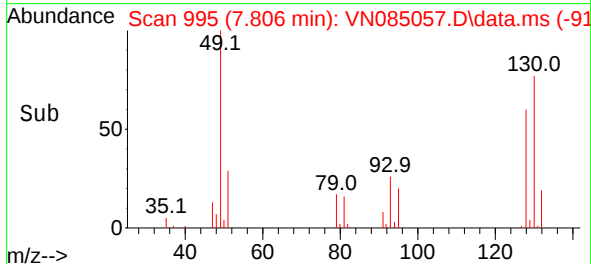
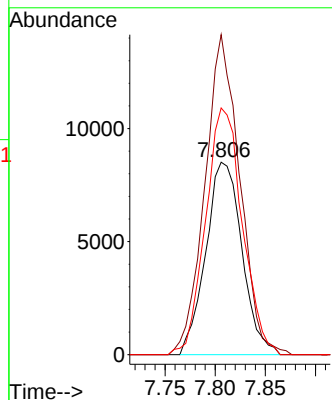
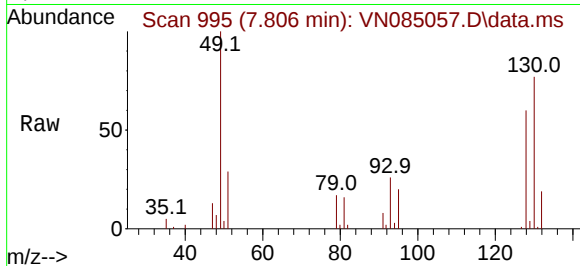




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN085057.D
Acq: 27 Nov 2024 14:20

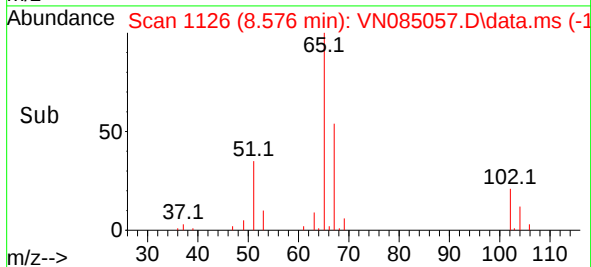
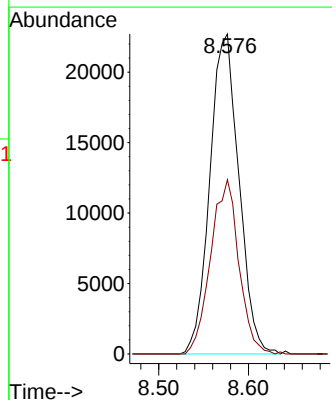
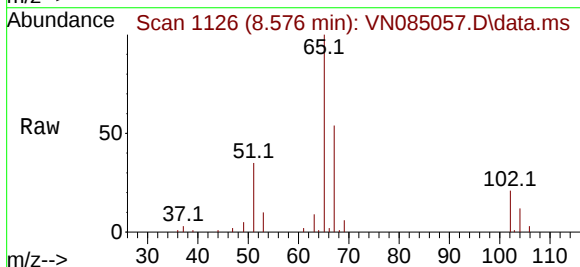
Instrument :
MSVOA_N
ClientSampleId :
14B-2

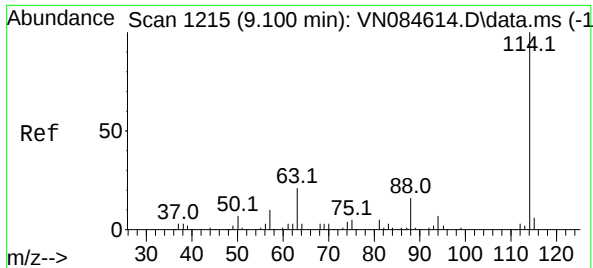
Tgt Ion:128 Resp: 21362
Ion Ratio Lower Upper
128 100
49 160.1 0.0 427.0
130 130.4 0.0 322.2



#27
1,2-Dichloroethane-d4
Concen: 29.745 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085057.D
Acq: 27 Nov 2024 14:20

Tgt Ion: 65 Resp: 51084
Ion Ratio Lower Upper
65 100
67 52.7 40.7 61.1

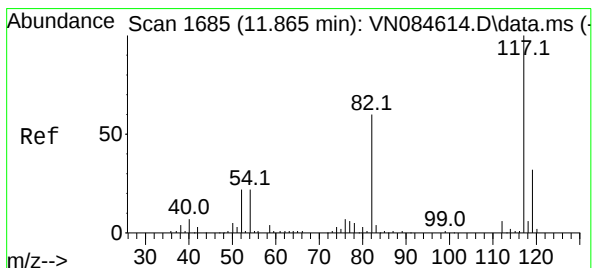
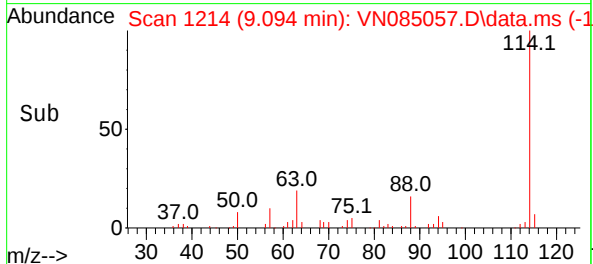
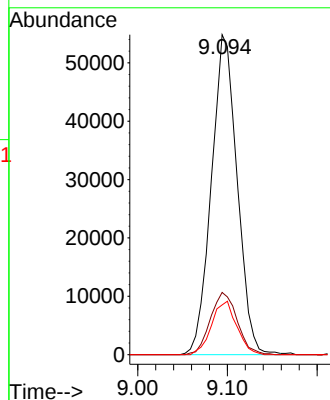
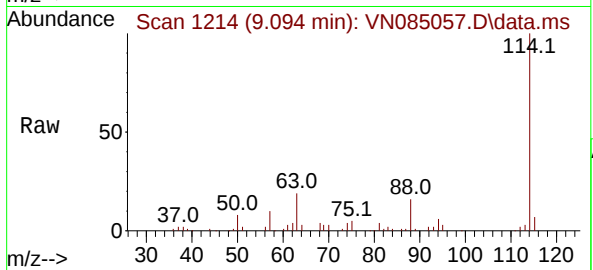




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085057.D
Acq: 27 Nov 2024 14:20

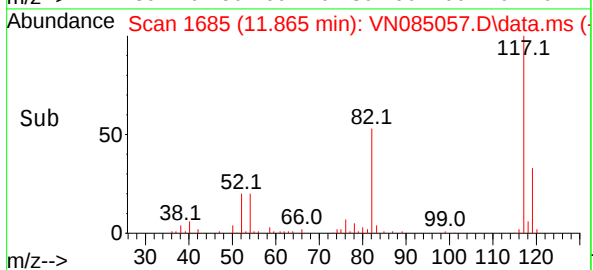
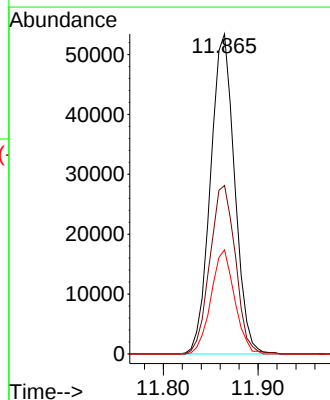
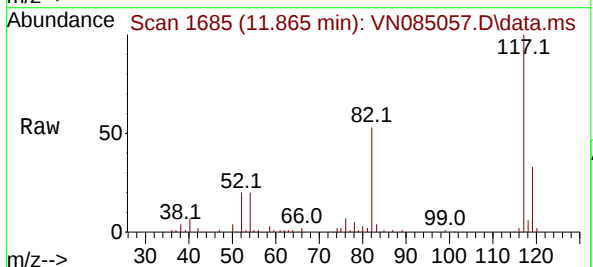
Instrument :
MSVOA_N
ClientSampleId :
14B-2

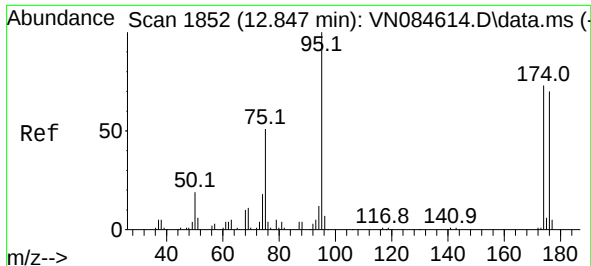
Tgt Ion:114 Resp: 109546
Ion Ratio Lower Upper
114 100
63 20.2 16.8 25.2
88 16.3 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085057.D
Acq: 27 Nov 2024 14:20

Tgt Ion:117 Resp: 94649
Ion Ratio Lower Upper
117 100
82 55.7 45.5 68.3
119 31.7 25.3 37.9





#60

4-Bromofluorobenzene

Concen: 23.904 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085057.D

Acq: 27 Nov 2024 14:20

Instrument :

MSVOA_N

ClientSampleId :

14B-2

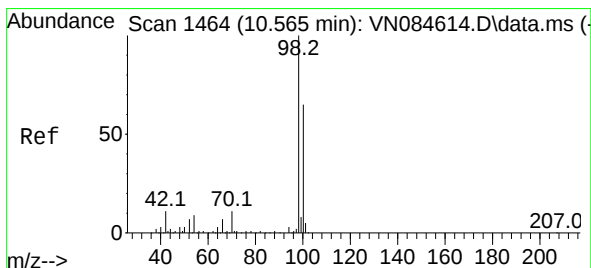
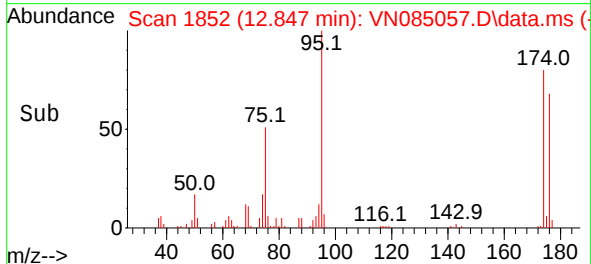
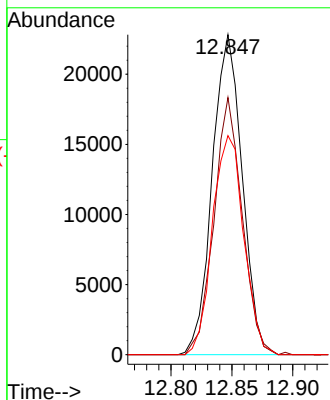
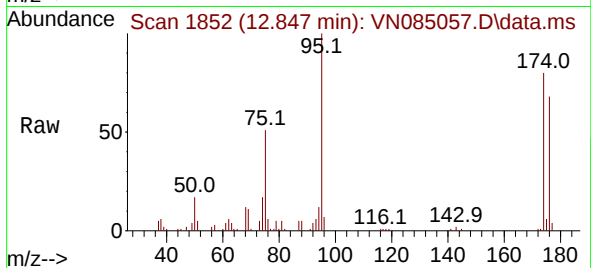
Tgt Ion: 95 Resp: 38956

Ion Ratio Lower Upper

95 100

174 76.0 59.6 89.4

176 71.6 58.6 88.0



#63

Toluene-d8

Concen: 28.091 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085057.D

Acq: 27 Nov 2024 14:20

Tgt Ion: 98 Resp: 125867

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

