

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084512.D
 Acq On : 25 Oct 2024 13:39
 Operator : JC\MD
 Sample : P4549-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20241024

Quant Time: Oct 26 05:28:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	29940	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	152700	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	136002	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	72511	30.082	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.267%
60) 4-Bromofluorobenzene	12.847	95	56463	25.155	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.867%
63) Toluene-d8	10.565	98	184720	29.318	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.733%

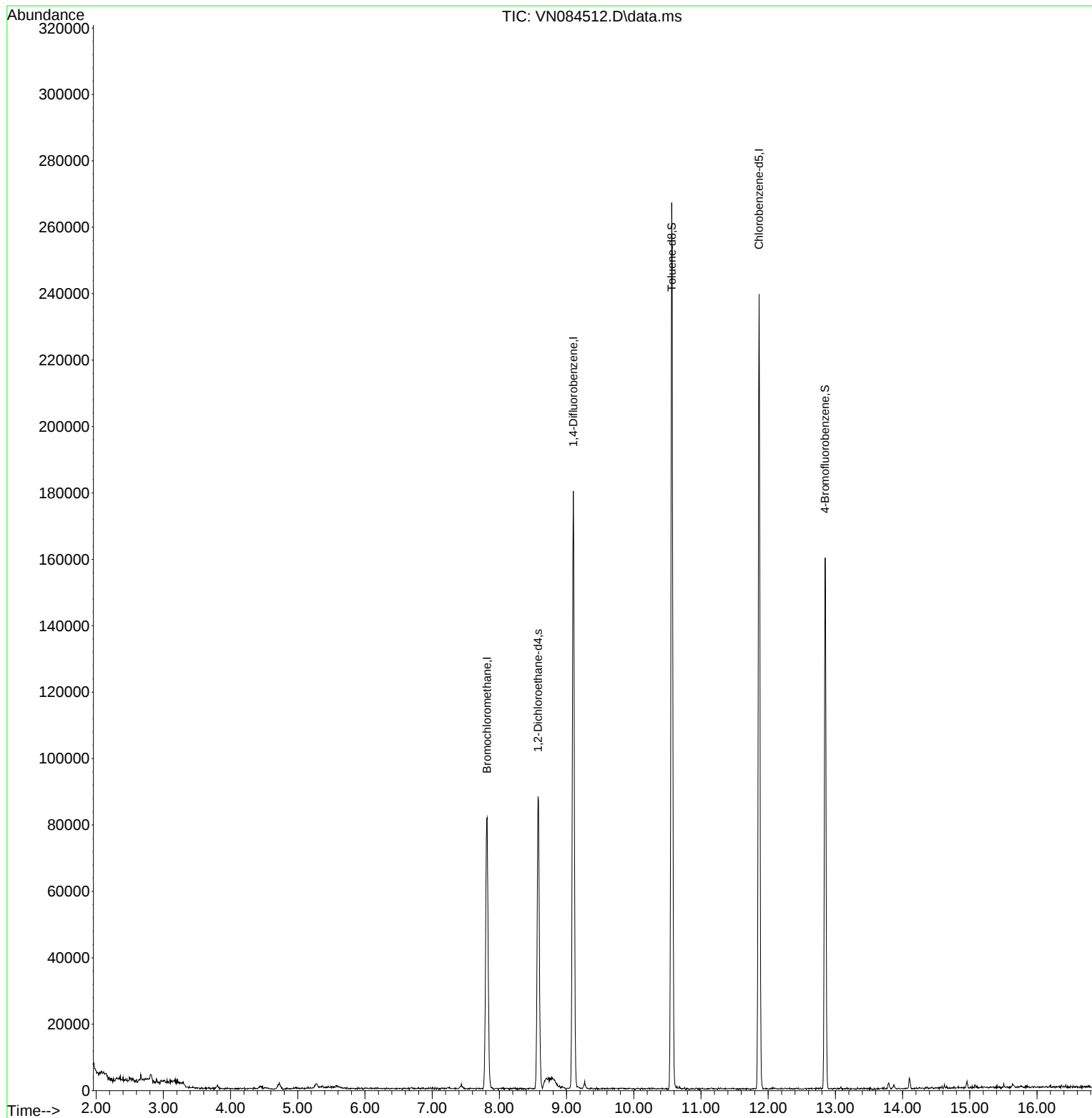
Target Compounds	Qvalue

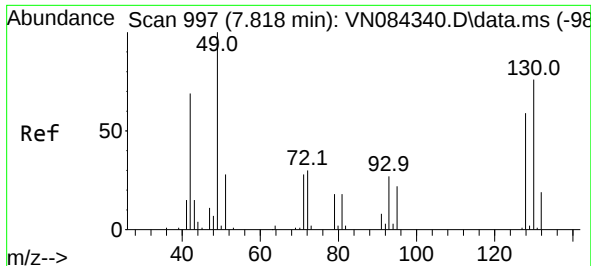
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN084512.D

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Instrument :

MSVOA_N

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TT-TB-20241024

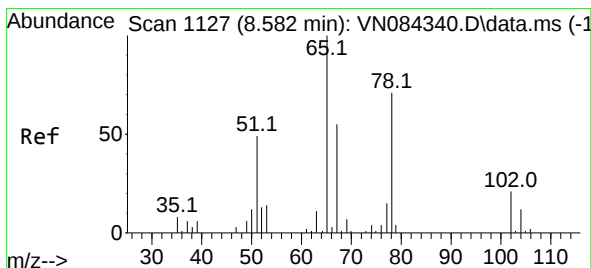
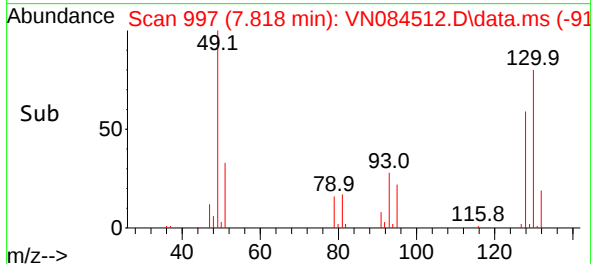
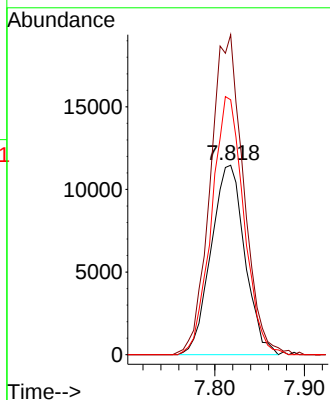
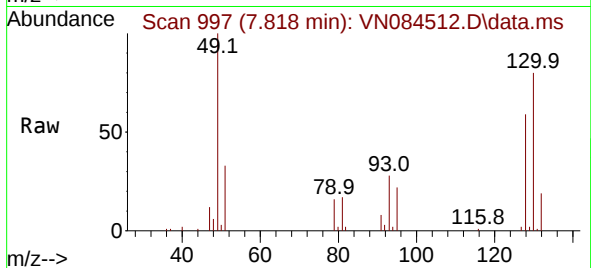
Tgt Ion:128 Resp: 29940

Ion Ratio Lower Upper

128 100

49 166.2 0.0 430.0

130 130.0 0.0 329.8



#27

1,2-Dichloroethane-d4

Concen: 30.082 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084512.D

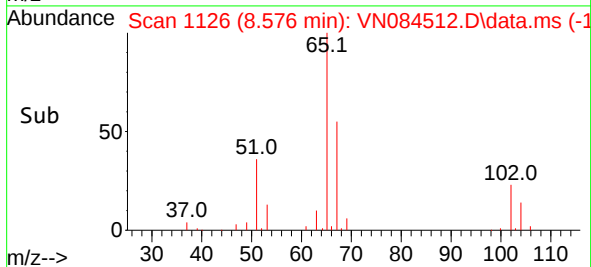
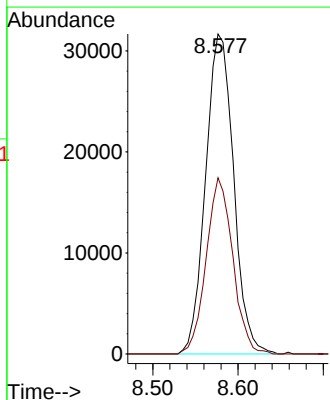
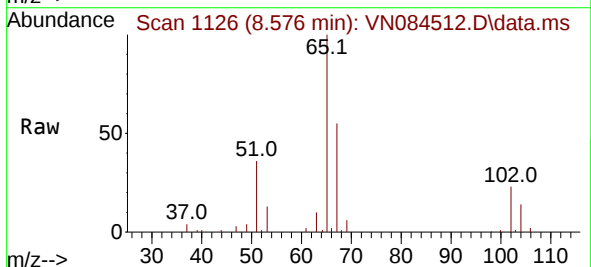
Acq: 25 Oct 2024 13:39

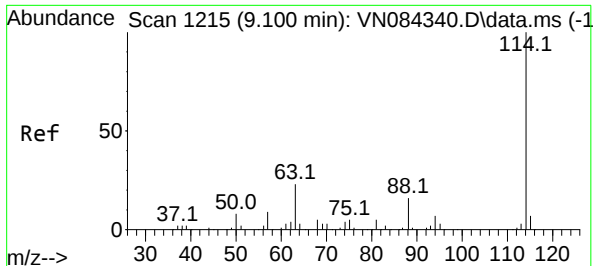
Tgt Ion: 65 Resp: 72511

Ion Ratio Lower Upper

65 100

67 52.3 41.5 62.3

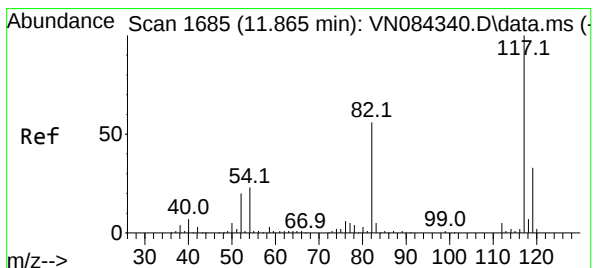
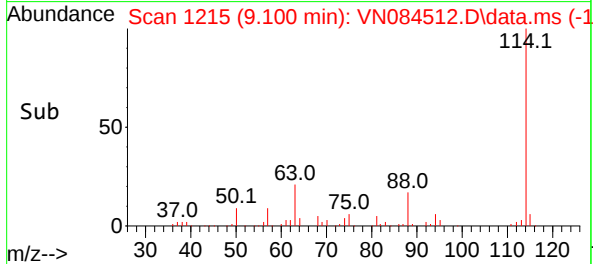
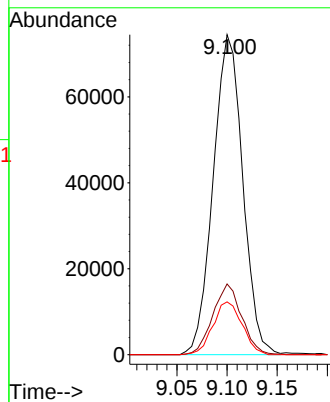
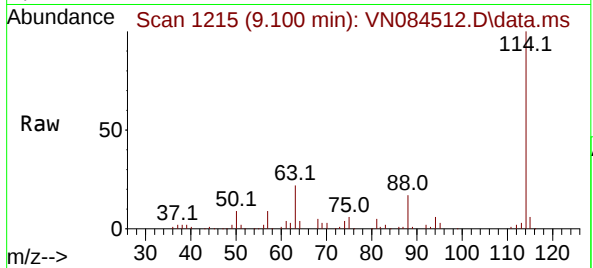




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084512.D
Acq: 25 Oct 2024 13:39

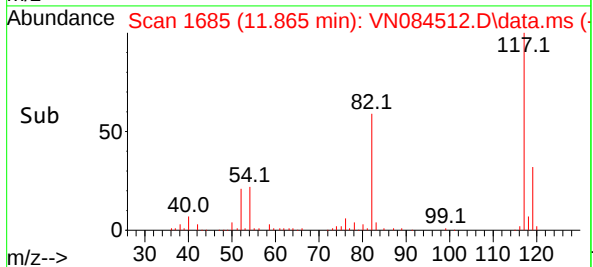
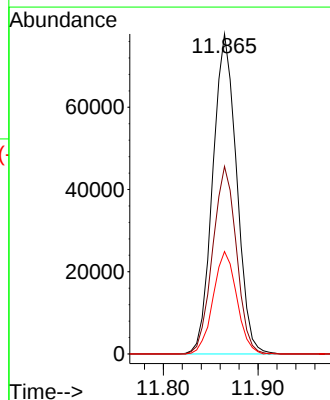
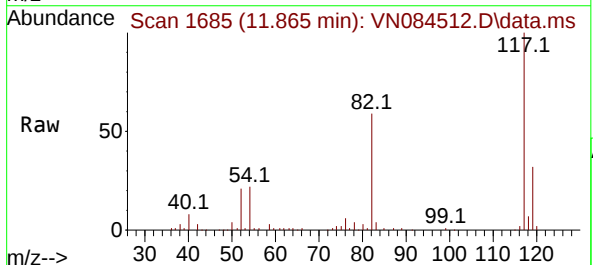
Instrument :
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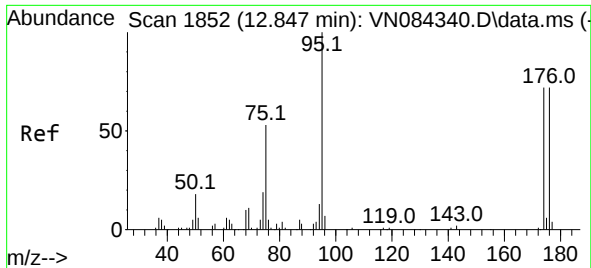
Tgt Ion:114 Resp: 152700
Ion Ratio Lower Upper
114 100
63 21.6 17.4 26.0
88 16.3 13.2 19.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084512.D
Acq: 25 Oct 2024 13:39

Tgt Ion:117 Resp: 136002
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.7 25.4 38.2

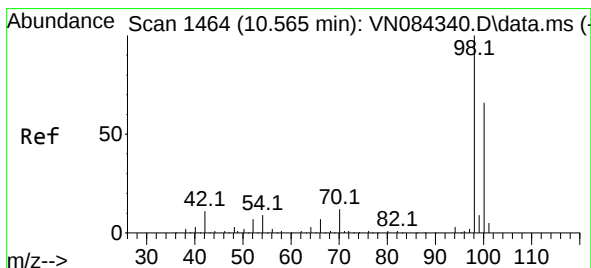
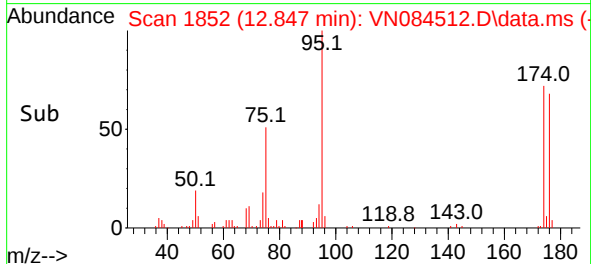
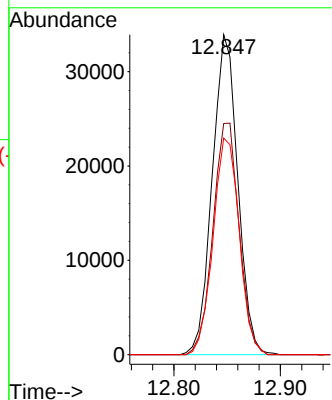
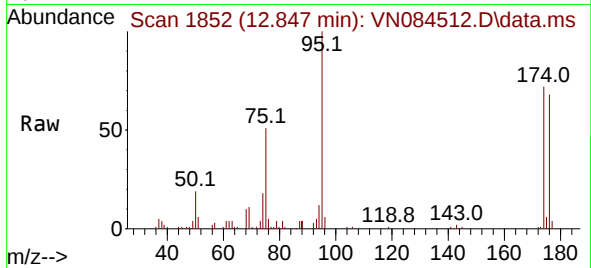




#60
4-Bromofluorobenzene
Concen: 25.155 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084512.D
Acq: 25 Oct 2024 13:39

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20241024

Tgt Ion: 95 Resp: 56463
Ion Ratio Lower Upper
95 100
174 74.1 58.2 87.2
176 69.4 56.4 84.6



#63
Toluene-d8
Concen: 29.318 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084512.D
Acq: 25 Oct 2024 13:39

Tgt Ion: 98 Resp: 184720
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7

