

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084514.D
 Acq On : 25 Oct 2024 14:27
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Oct 26 05:29:47 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	31809	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	158755	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	141172	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76383	29.826	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.433%
60) 4-Bromofluorobenzene	12.847	95	57373	24.624	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.067%
63) Toluene-d8	10.565	98	187562	28.679	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.600%

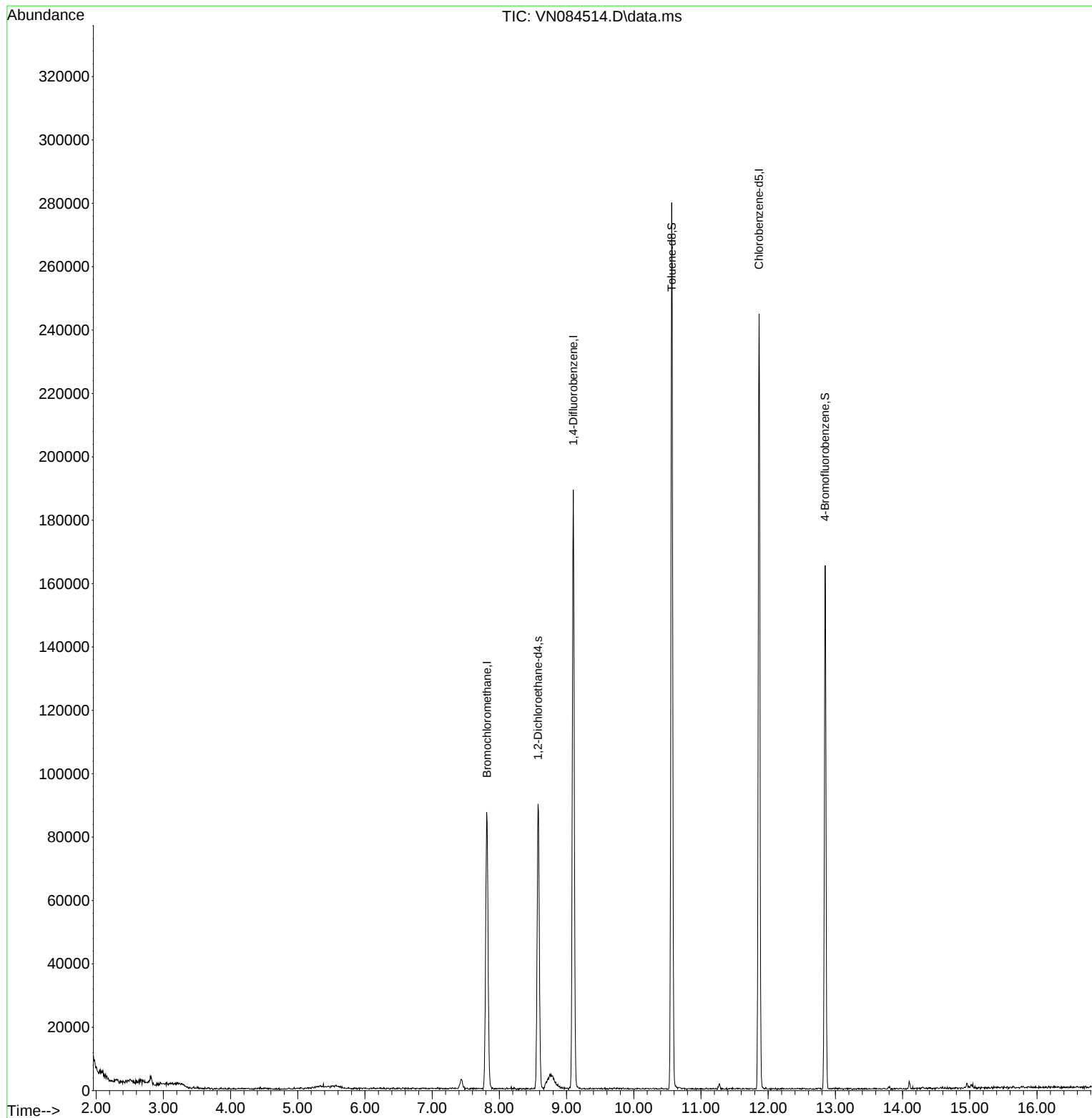
Target Compounds	Qvalue

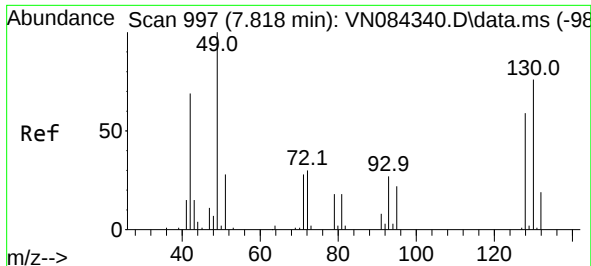
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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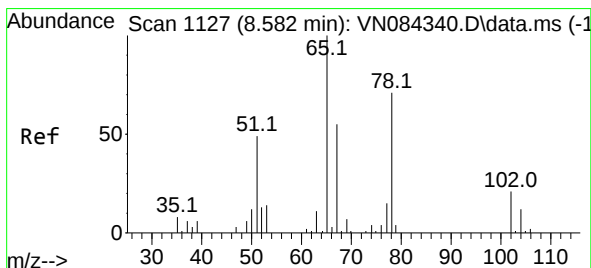
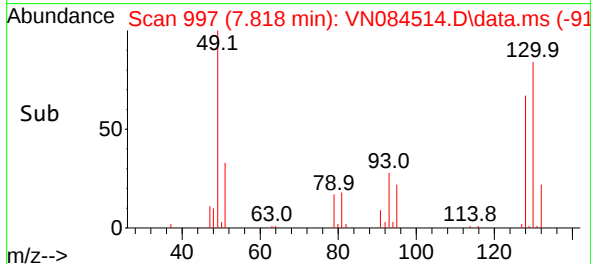
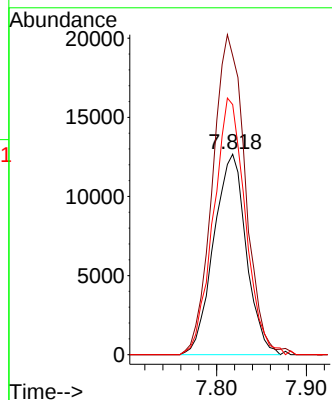
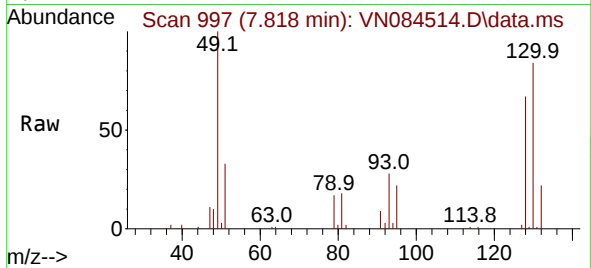




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN084514.D
Acq: 25 Oct 2024 14:27

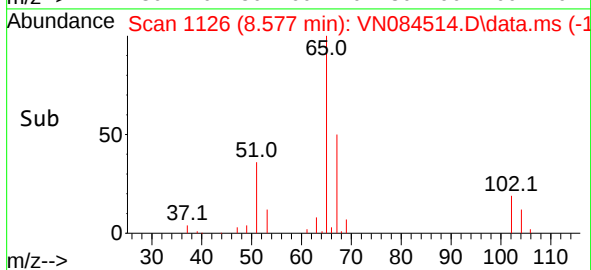
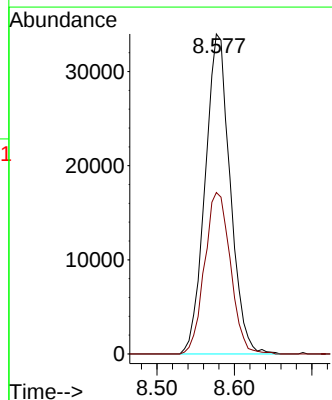
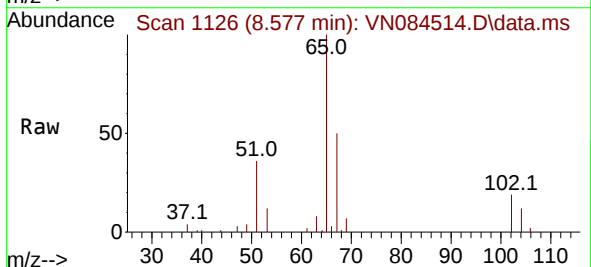
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

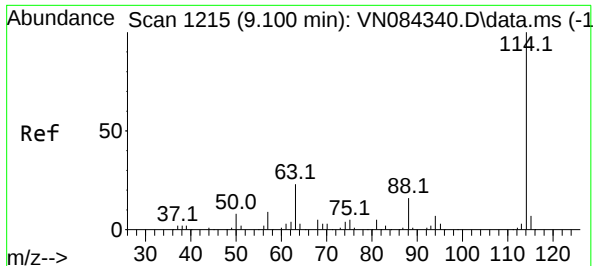
Tgt Ion:128 Resp: 31809
Ion Ratio Lower Upper
128 100
49 160.1 0.0 430.0
130 125.5 0.0 329.8



#27
1,2-Dichloroethane-d4
Concen: 29.826 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084514.D
Acq: 25 Oct 2024 14:27

Tgt Ion: 65 Resp: 76383
Ion Ratio Lower Upper
65 100
67 52.1 41.5 62.3

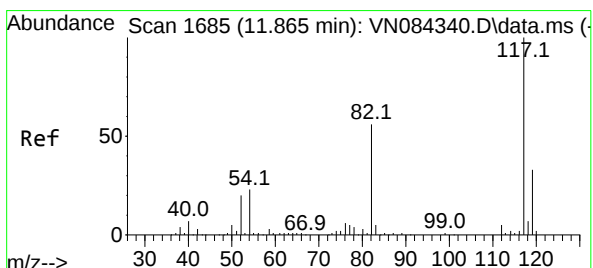
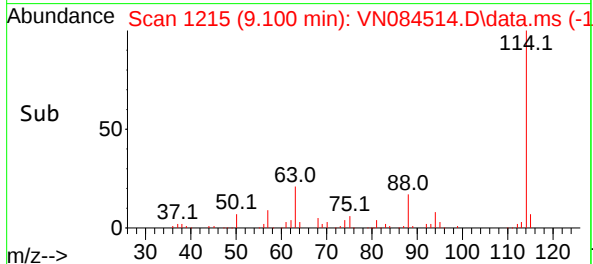
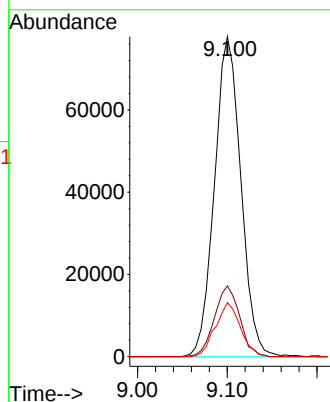
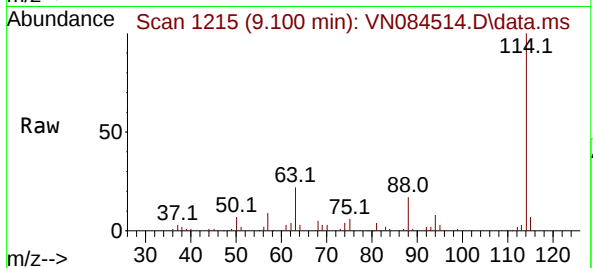




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084514.D
Acq: 25 Oct 2024 14:27

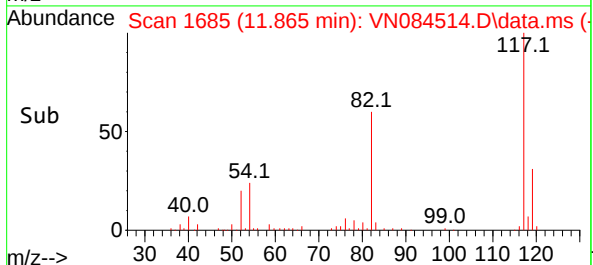
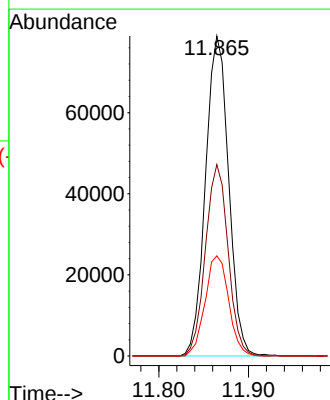
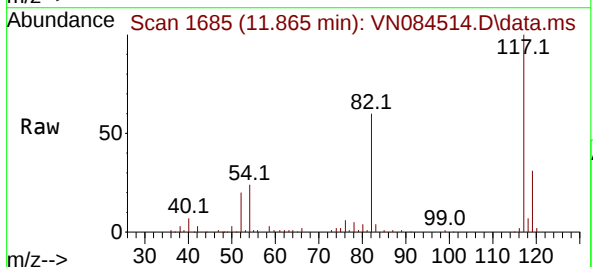
Instrument :
MSVOA_N
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VIBLK

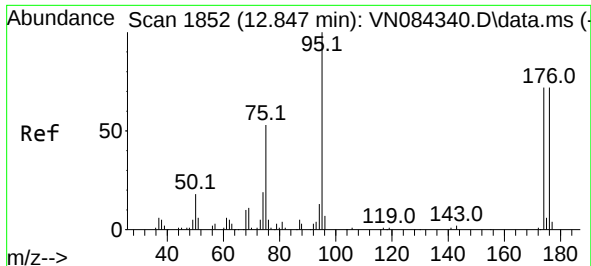
Tgt Ion:114 Resp: 158755
Ion Ratio Lower Upper
114 100
63 21.1 17.4 26.0
88 16.1 13.2 19.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084514.D
Acq: 25 Oct 2024 14:27

Tgt Ion:117 Resp: 141172
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.9 25.4 38.2

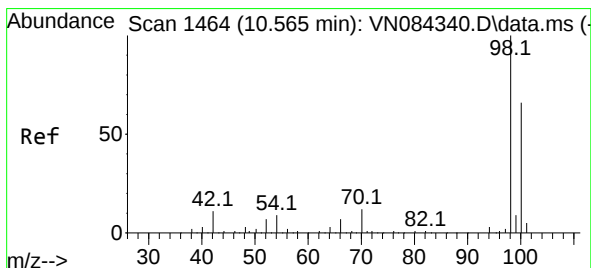
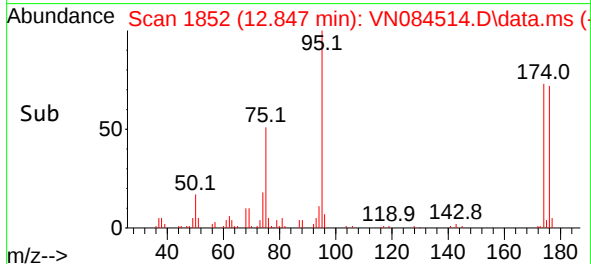
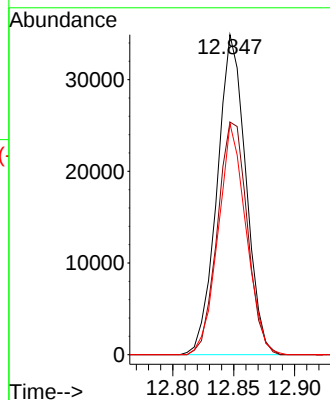
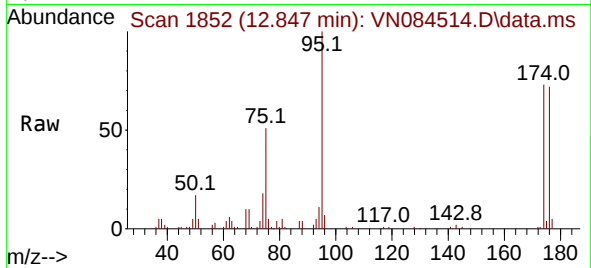




#60
4-Bromofluorobenzene
Concen: 24.624 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084514.D
Acq: 25 Oct 2024 14:27

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 57373
Ion Ratio Lower Upper
95 100
174 75.6 58.2 87.2
176 70.1 56.4 84.6



#63
Toluene-d8
Concen: 28.679 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084514.D
Acq: 25 Oct 2024 14:27

Tgt Ion: 98 Resp: 187562
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

