

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101424\
 Data File : VN084406.D
 Acq On : 14 Oct 2024 11:07
 Operator : JC\MD
 Sample : VN1014WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBL01

Quant Time: Oct 15 01:32:23 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	7.812	128	28867	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	141249	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	127757	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	68365	29.416	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.067%
60) 4-Bromofluorobenzene	12.847	95	51537	24.442	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.467%
63) Toluene-d8	10.565	98	175707	29.688	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.967%

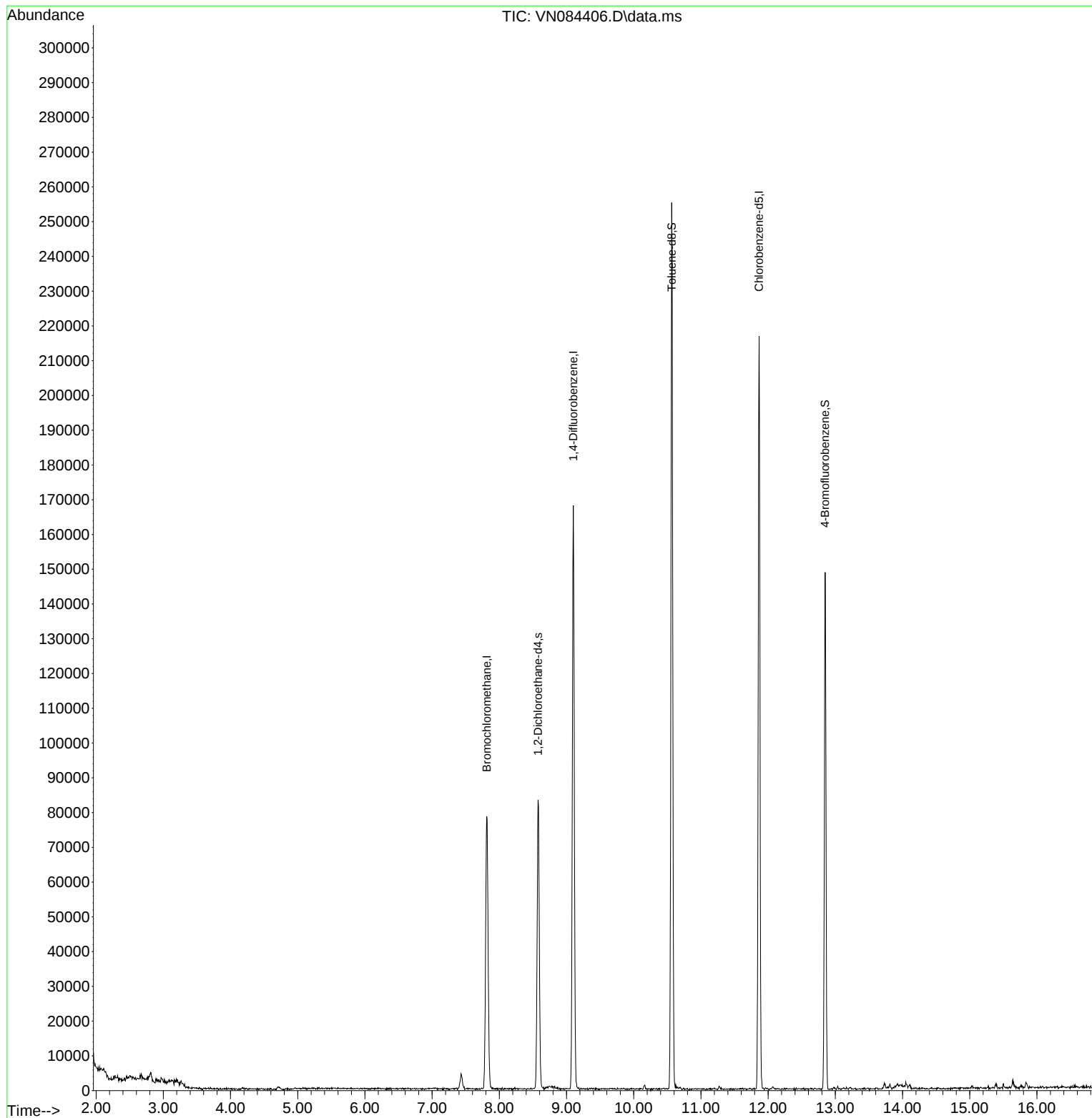
Target Compounds	Qvalue

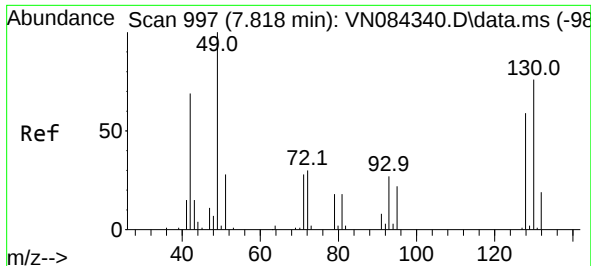
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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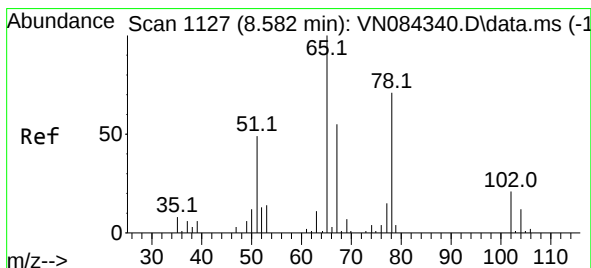
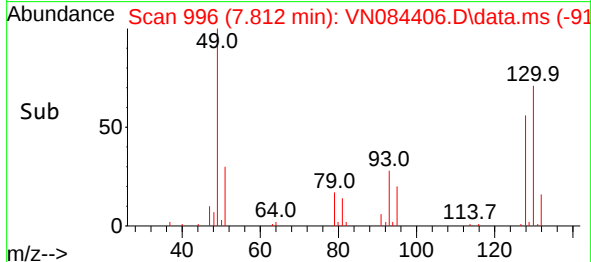
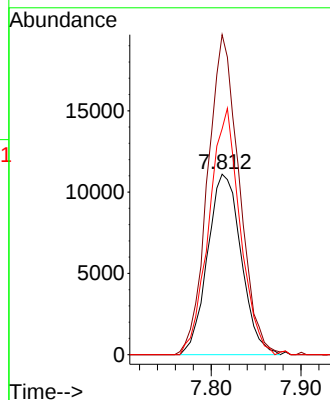
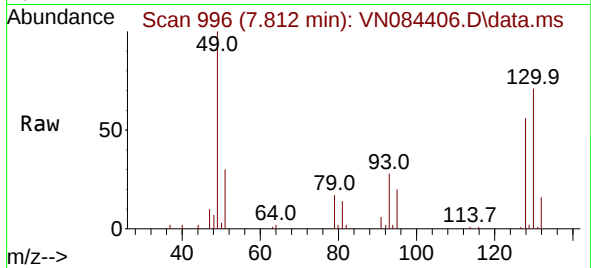




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084406.D
Acq: 14 Oct 2024 11:07

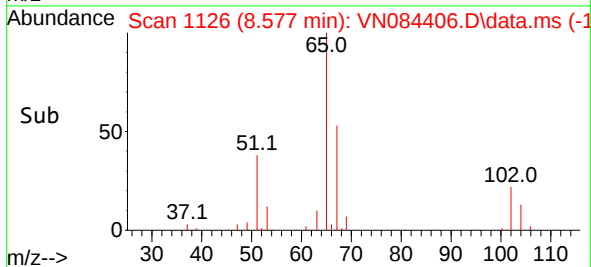
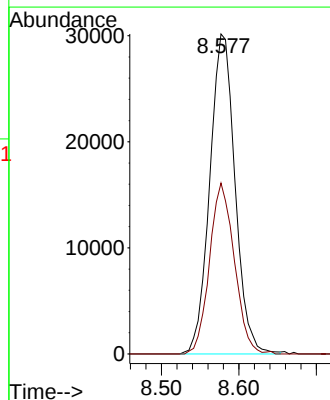
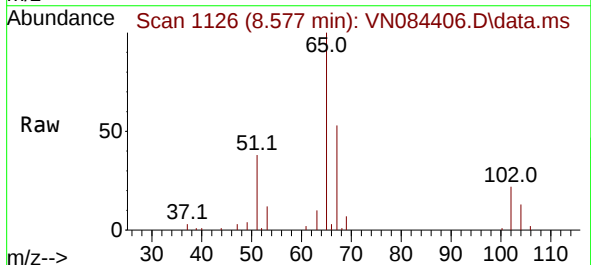
Instrument :
MSVOA_N
ClientSampleId :
VN1014WBL01

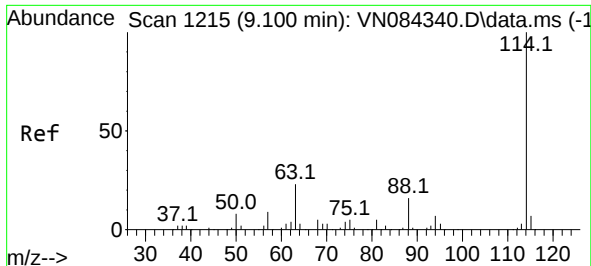
Tgt Ion:128 Resp: 28867
Ion Ratio Lower Upper
128 100
49 166.0 0.0 430.0
130 126.0 0.0 329.8



#27
1,2-Dichloroethane-d4
Concen: 29.416 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084406.D
Acq: 14 Oct 2024 11:07

Tgt Ion: 65 Resp: 68365
Ion Ratio Lower Upper
65 100
67 52.2 41.5 62.3

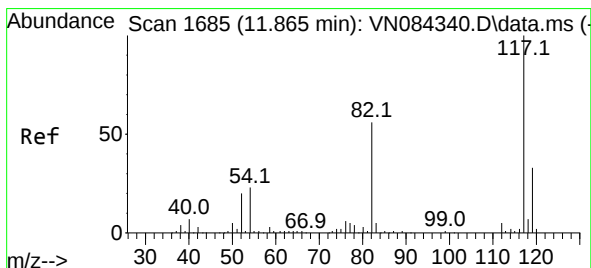
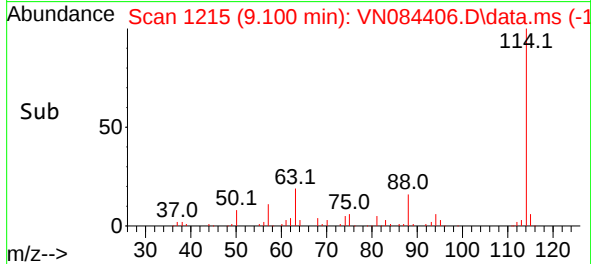
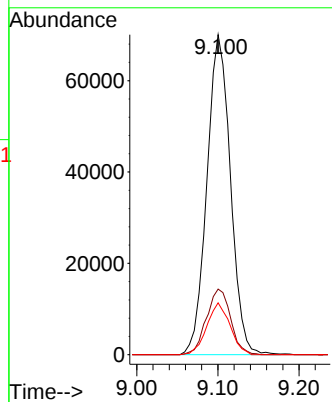
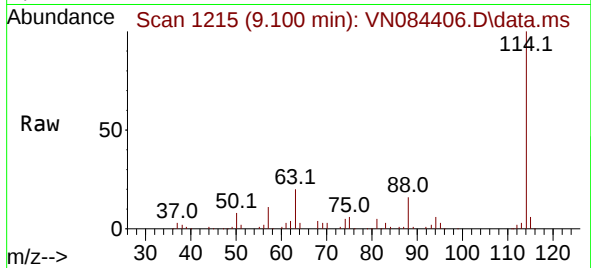




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084406.D
Acq: 14 Oct 2024 11:07

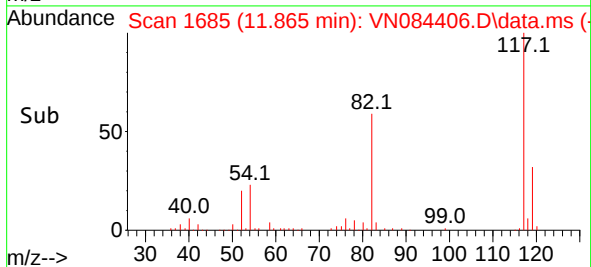
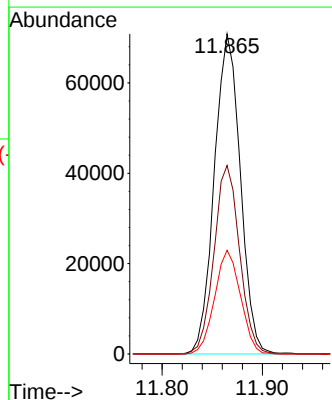
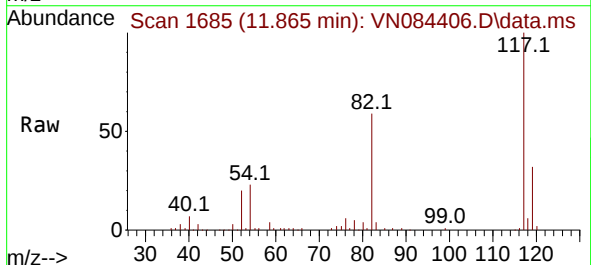
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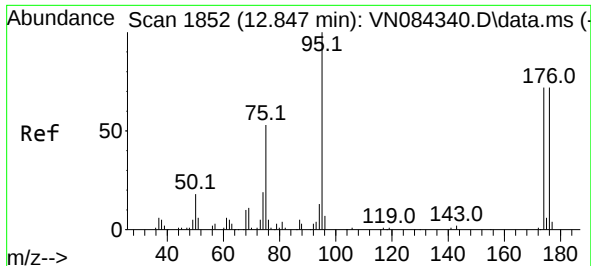
Tgt Ion:114 Resp: 141249
Ion Ratio Lower Upper
114 100
63 21.0 17.4 26.0
88 16.0 13.2 19.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084406.D
Acq: 14 Oct 2024 11:07

Tgt Ion:117 Resp: 127757
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.1 25.4 38.2

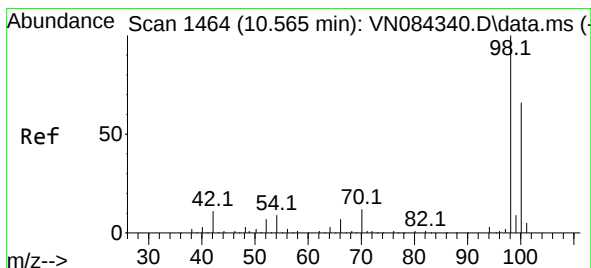
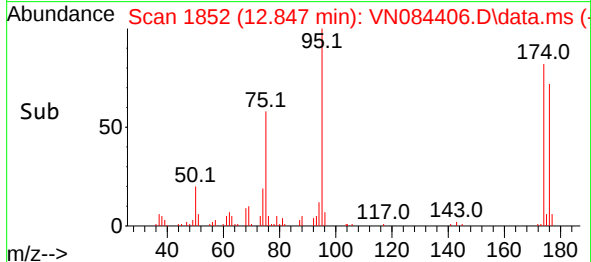
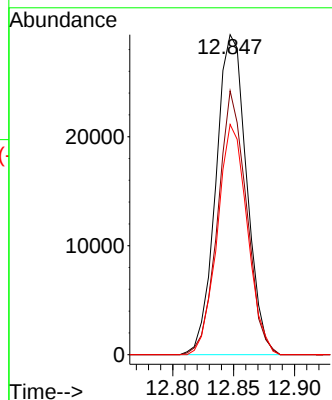
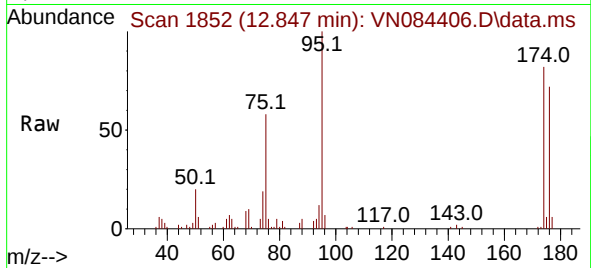




#60
4-Bromofluorobenzene
Concen: 24.442 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084406.D
Acq: 14 Oct 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN1014WBL01

Tgt Ion: 95 Resp: 51537
Ion Ratio Lower Upper
95 100
174 76.9 58.2 87.2
176 70.3 56.4 84.6



#63
Toluene-d8
Concen: 29.688 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084406.D
Acq: 14 Oct 2024 11:07

Tgt Ion: 98 Resp: 175707
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

