

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
 Data File : VN084415.D
 Acq On : 15 Oct 2024 14:49
 Operator : JC\MD
 Sample : VN1015WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBL01

Quant Time: Oct 16 01:24:51 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	30460	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	150583	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	139321	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	73341	29.907	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.700%
60) 4-Bromofluorobenzene	12.847	95	57202	24.877	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.933%
63) Toluene-d8	10.565	98	187559	29.060	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.867%

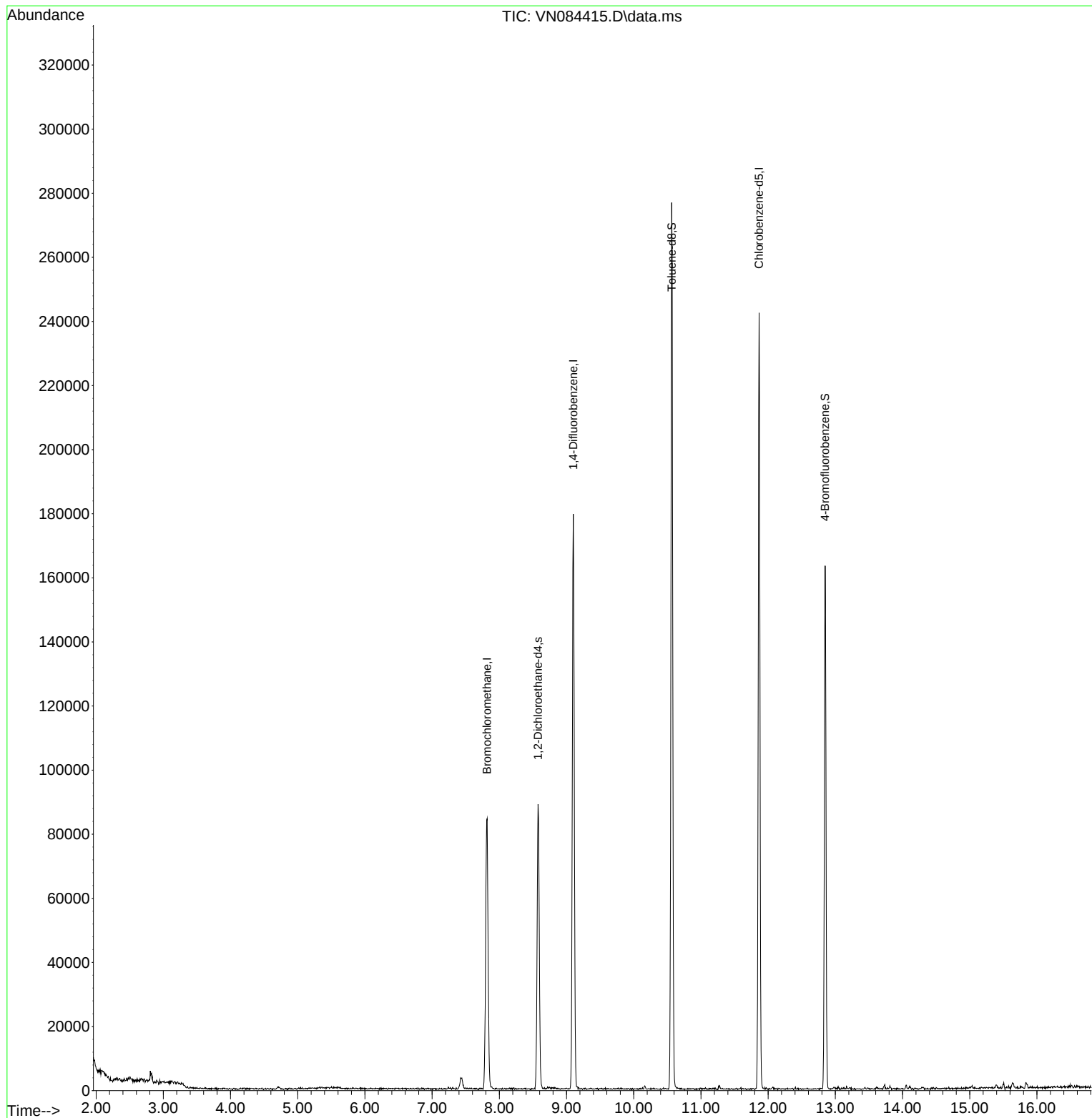
Target Compounds	Qvalue

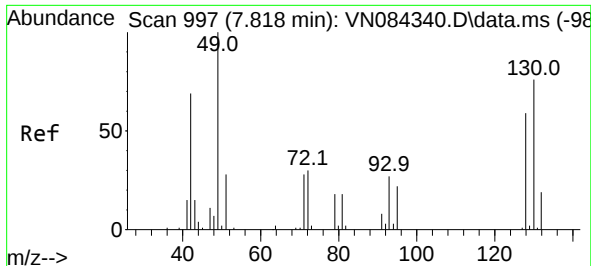
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN084415.D

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Instrument :

MSVOA_N

ClientSampleId :

VN1015WBL01

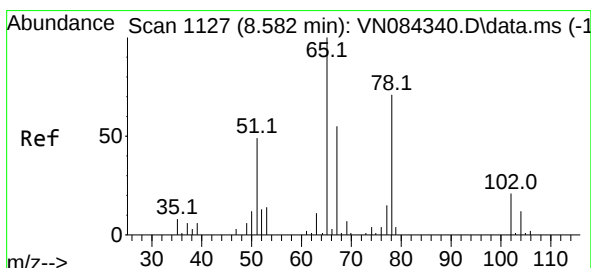
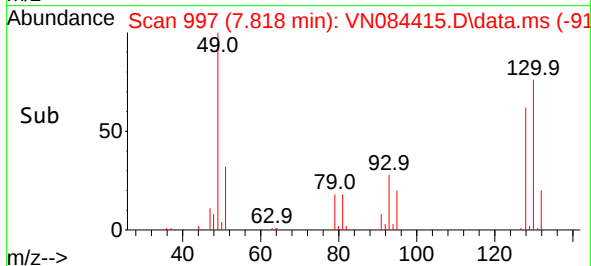
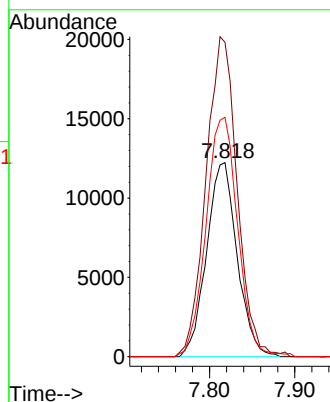
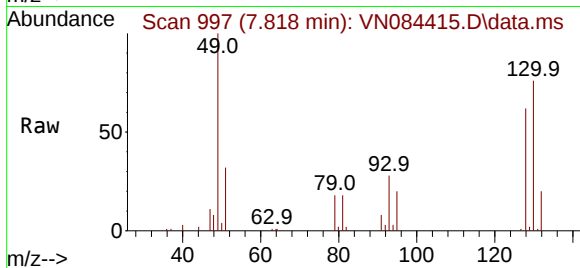
Tgt Ion:128 Resp: 30460

Ion Ratio Lower Upper

128 100

49 167.8 0.0 430.0

130 128.0 0.0 329.8



#27

1,2-Dichloroethane-d4

Concen: 29.907 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084415.D

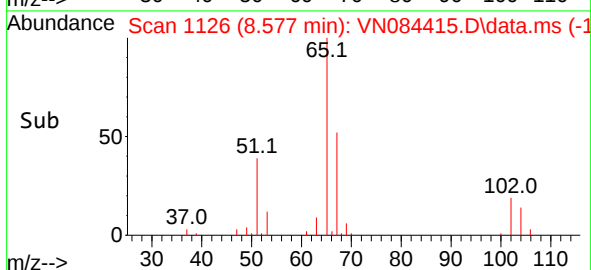
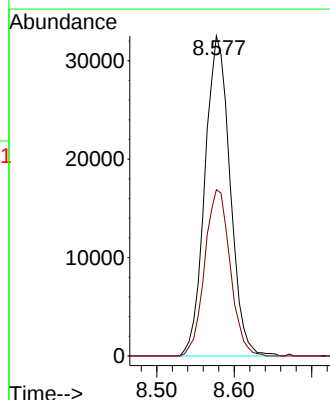
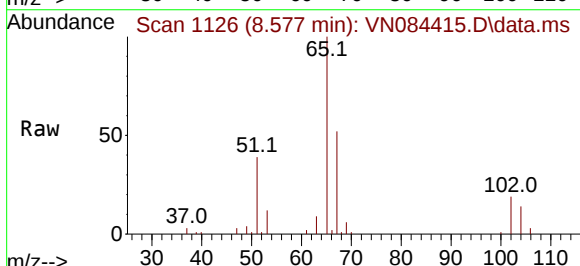
Acq: 15 Oct 2024 14:49

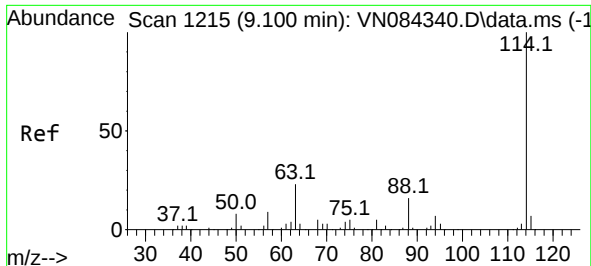
Tgt Ion: 65 Resp: 73341

Ion Ratio Lower Upper

65 100

67 52.6 41.5 62.3

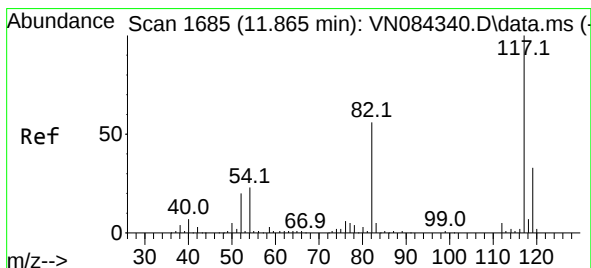
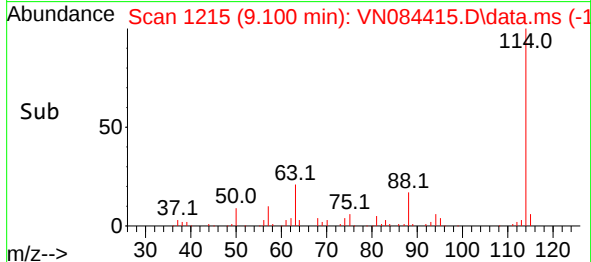
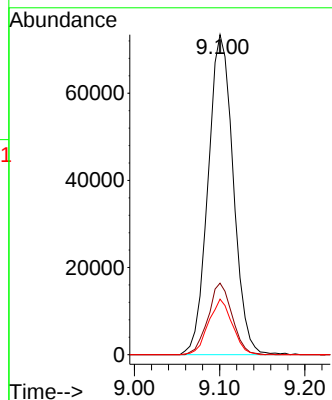
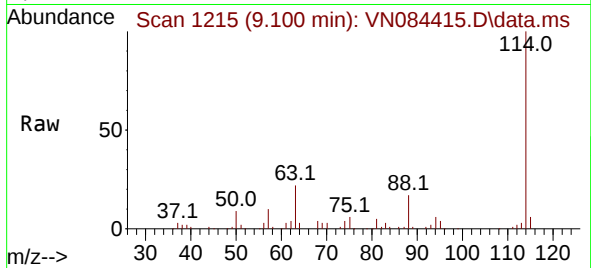




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084415.D
Acq: 15 Oct 2024 14:49

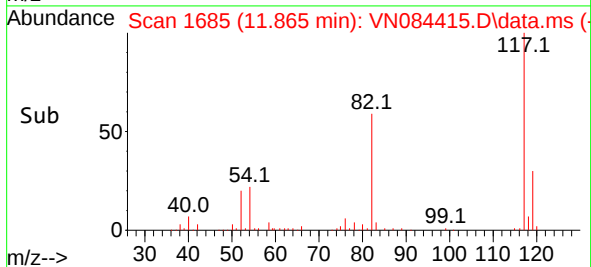
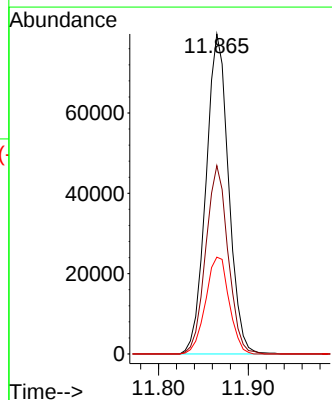
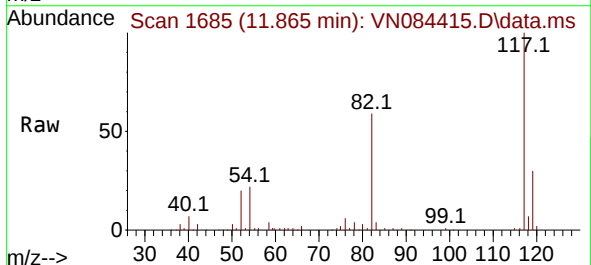
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBL01

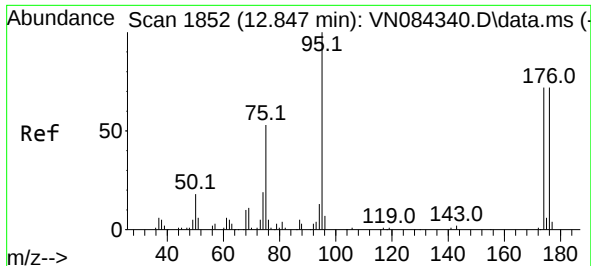
Tgt Ion:114 Resp: 150583
Ion Ratio Lower Upper
114 100
63 21.3 17.4 26.0
88 16.4 13.2 19.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084415.D
Acq: 15 Oct 2024 14:49

Tgt Ion:117 Resp: 139321
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 31.5 25.4 38.2

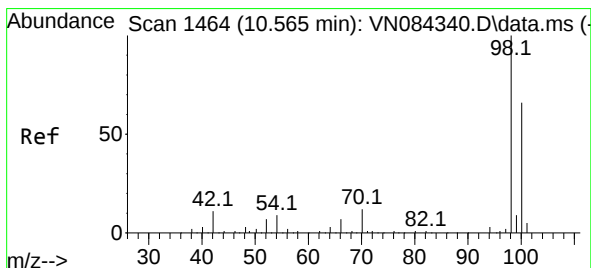
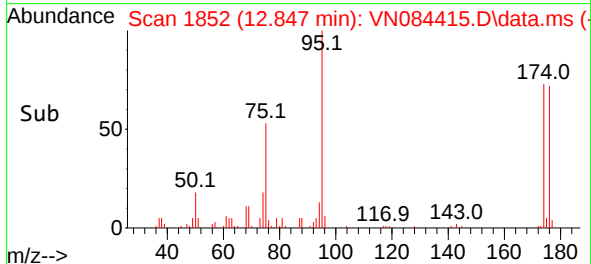
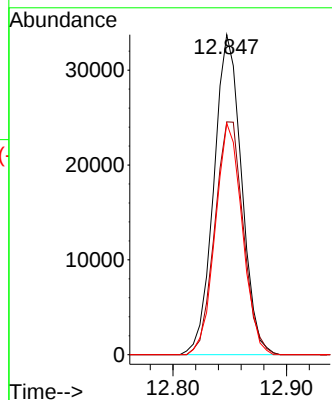
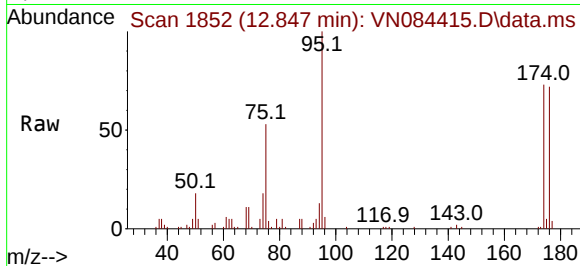




#60
4-Bromofluorobenzene
Concen: 24.877 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084415.D
Acq: 15 Oct 2024 14:49

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBL01

Tgt Ion: 95 Resp: 57202
Ion Ratio Lower Upper
95 100
174 75.0 58.2 87.2
176 70.5 56.4 84.6



#63
Toluene-d8
Concen: 29.060 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084415.D
Acq: 15 Oct 2024 14:49

Tgt Ion: 98 Resp: 187559
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

