

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084061.D
 Acq On : 20 Sep 2024 11:08
 Operator : JC\MD
 Sample : VN0920WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBL01

Quant Time: Sep 20 23:23:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	26514	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	9.100	114	145231	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	128164	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	75601	31.194	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.967%
60) 4-Bromofluorobenzene	12.853	95	56304	25.490	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.967%
63) Toluene-d8	10.565	98	180916	30.486	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.633%

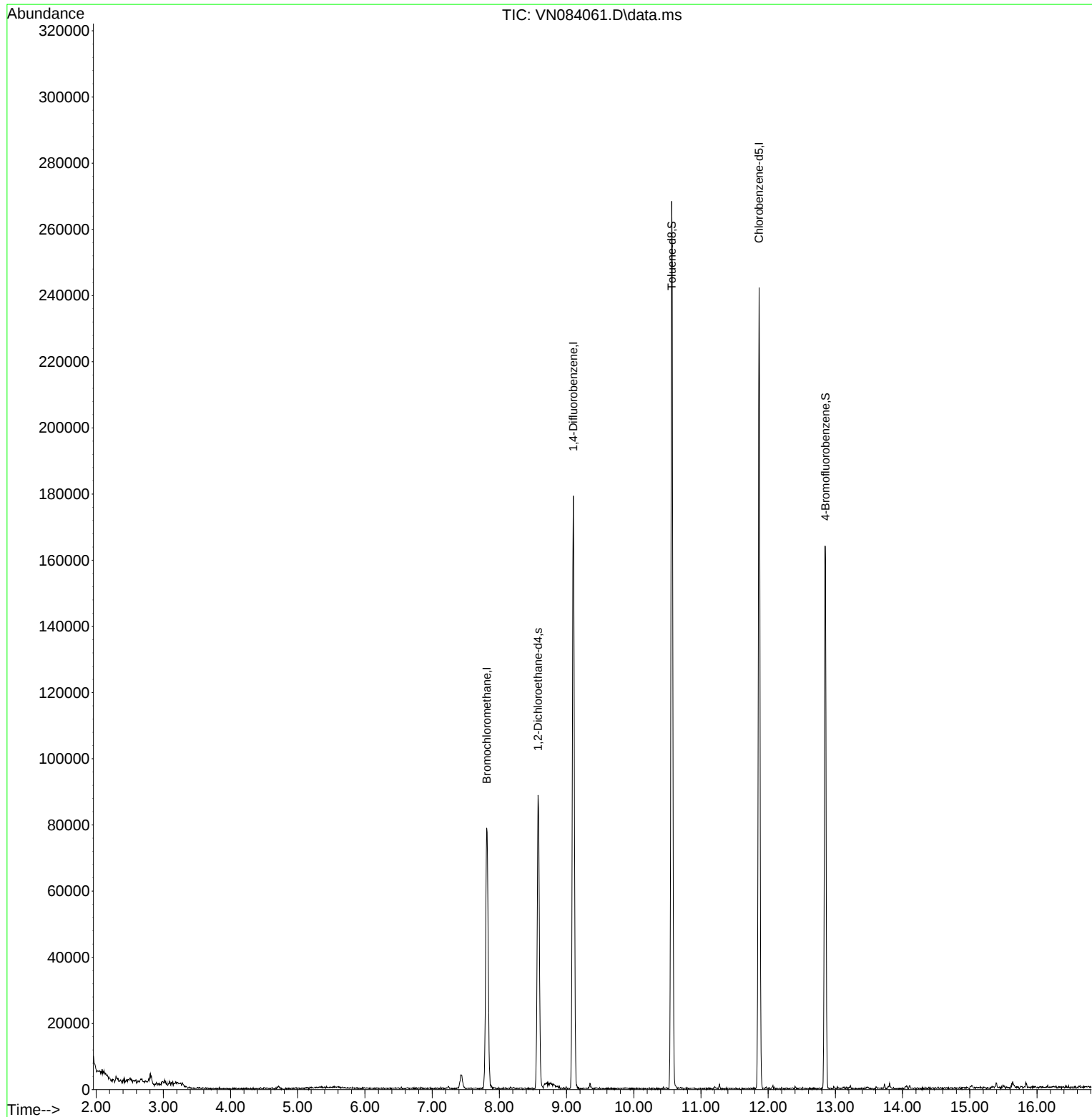
Target Compounds	Qvalue

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

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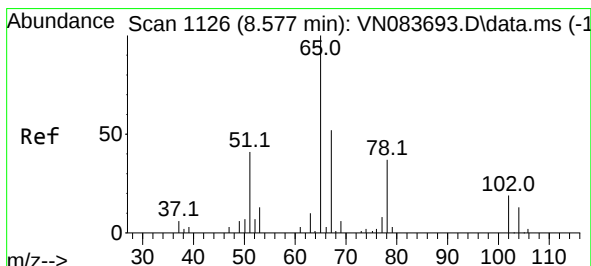
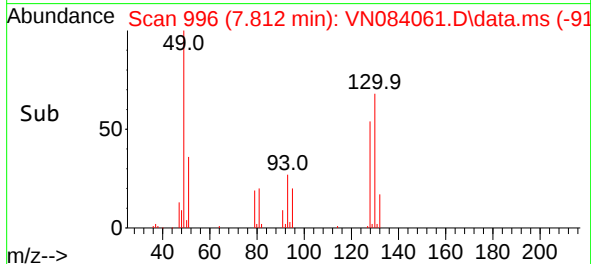
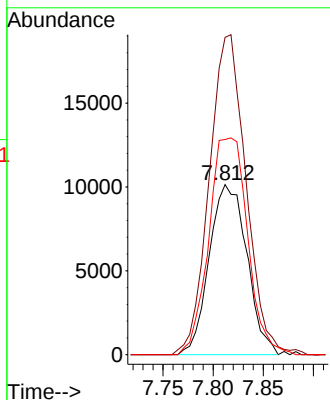
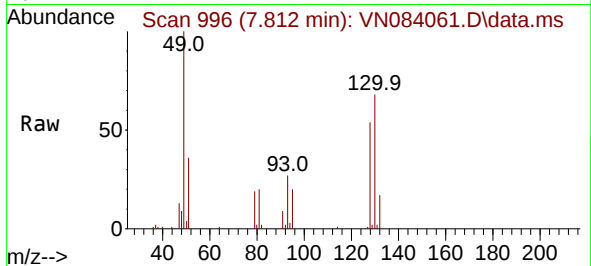




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084061.D
Acq: 20 Sep 2024 11:08

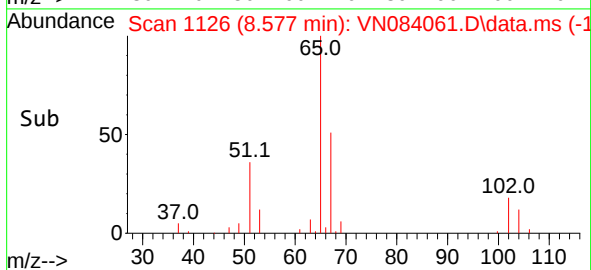
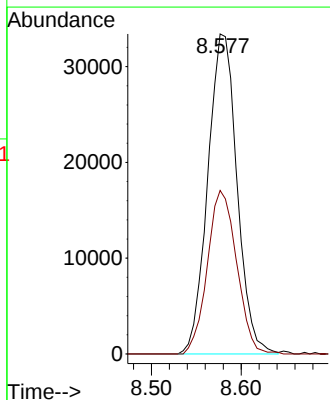
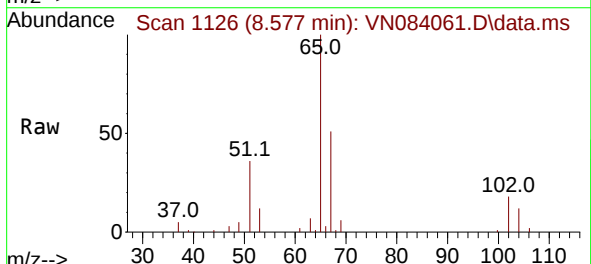
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

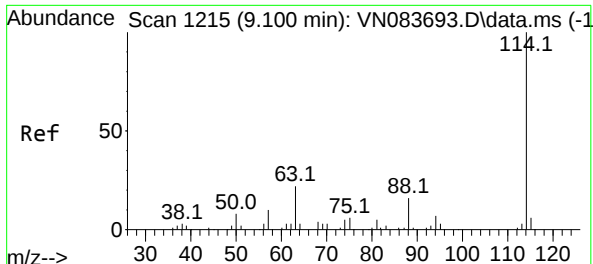
Tgt Ion:128 Resp: 26514
Ion Ratio Lower Upper
128 100
49 182.7 0.0 403.7
130 0.0 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 31.194 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084061.D
Acq: 20 Sep 2024 11:08

Tgt Ion: 65 Resp: 75601
Ion Ratio Lower Upper
65 100
67 51.0 43.2 64.8

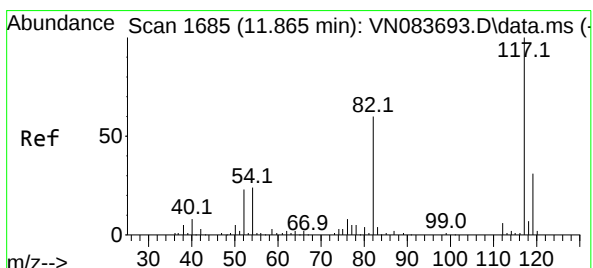
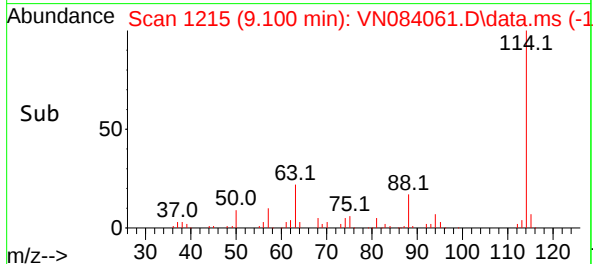
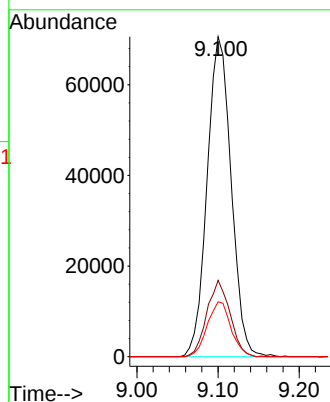
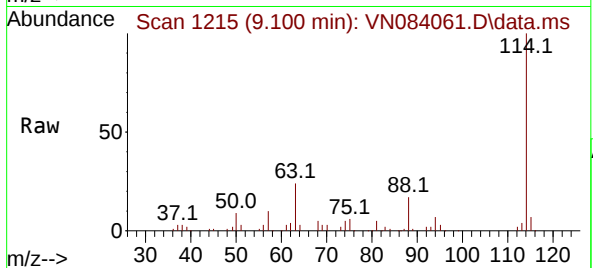




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084061.D
Acq: 20 Sep 2024 11:08

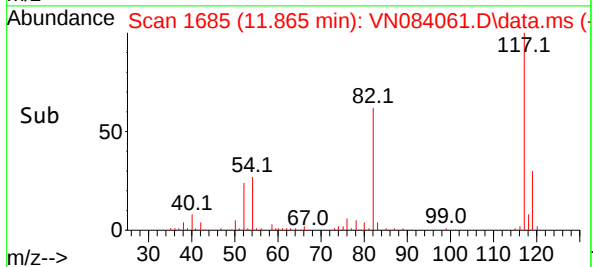
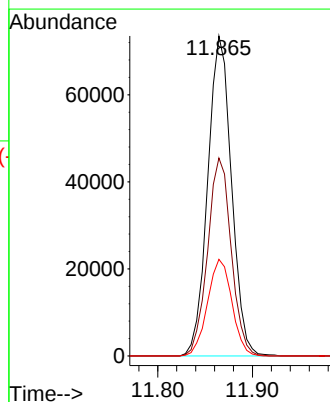
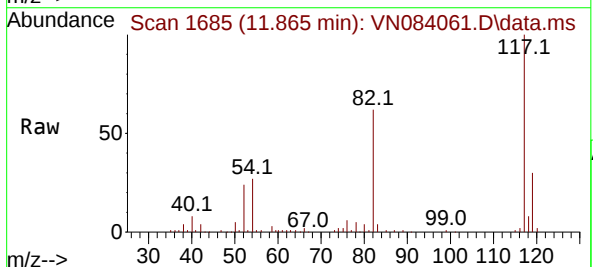
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

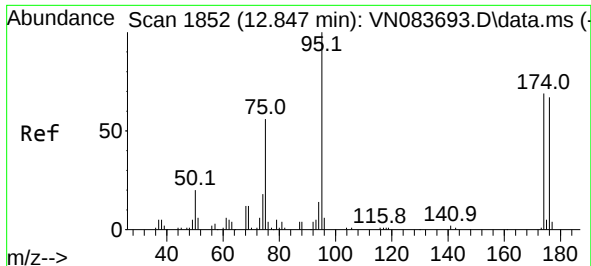
Tgt Ion:114 Resp: 145231
Ion Ratio Lower Upper
114 100
63 22.9 15.9 23.9
88 16.9 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084061.D
Acq: 20 Sep 2024 11:08

Tgt Ion:117 Resp: 128164
Ion Ratio Lower Upper
117 100
82 61.5 46.6 69.8
119 31.0 25.4 38.2

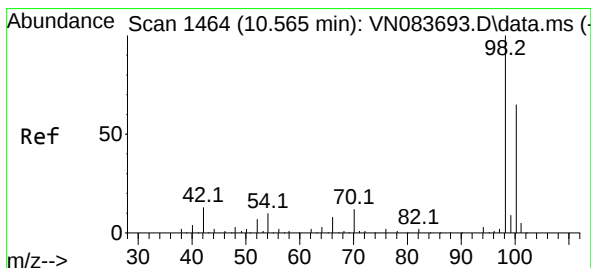
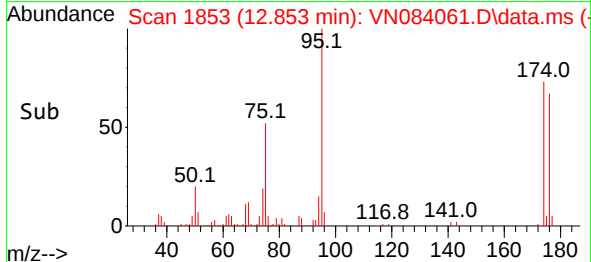
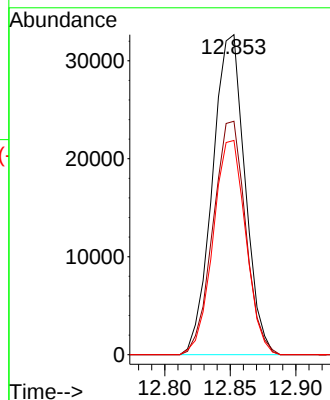
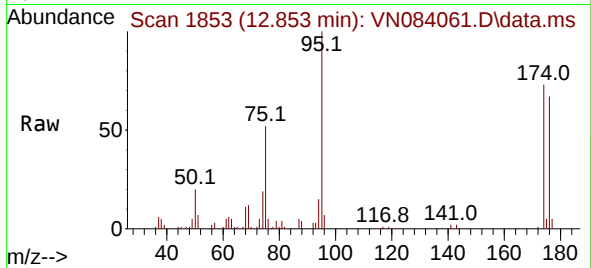




#60
4-Bromofluorobenzene
Concen: 25.490 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084061.D
Acq: 20 Sep 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 95 Resp: 56304
Ion Ratio Lower Upper
95 100
174 73.0 60.5 90.7
176 67.3 57.8 86.6



#63
Toluene-d8
Concen: 30.486 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084061.D
Acq: 20 Sep 2024 11:08

Tgt Ion: 98 Resp: 180916
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1

