

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083877.D
 Acq On : 13 Sep 2024 18:07
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 13 23:55:31 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	15360	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	142207	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	127373	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	71994	51.277	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	170.933%#
60) 4-Bromofluorobenzene	12.847	95	58993	26.873	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.567%
63) Toluene-d8	10.565	98	176317	29.895	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.667%

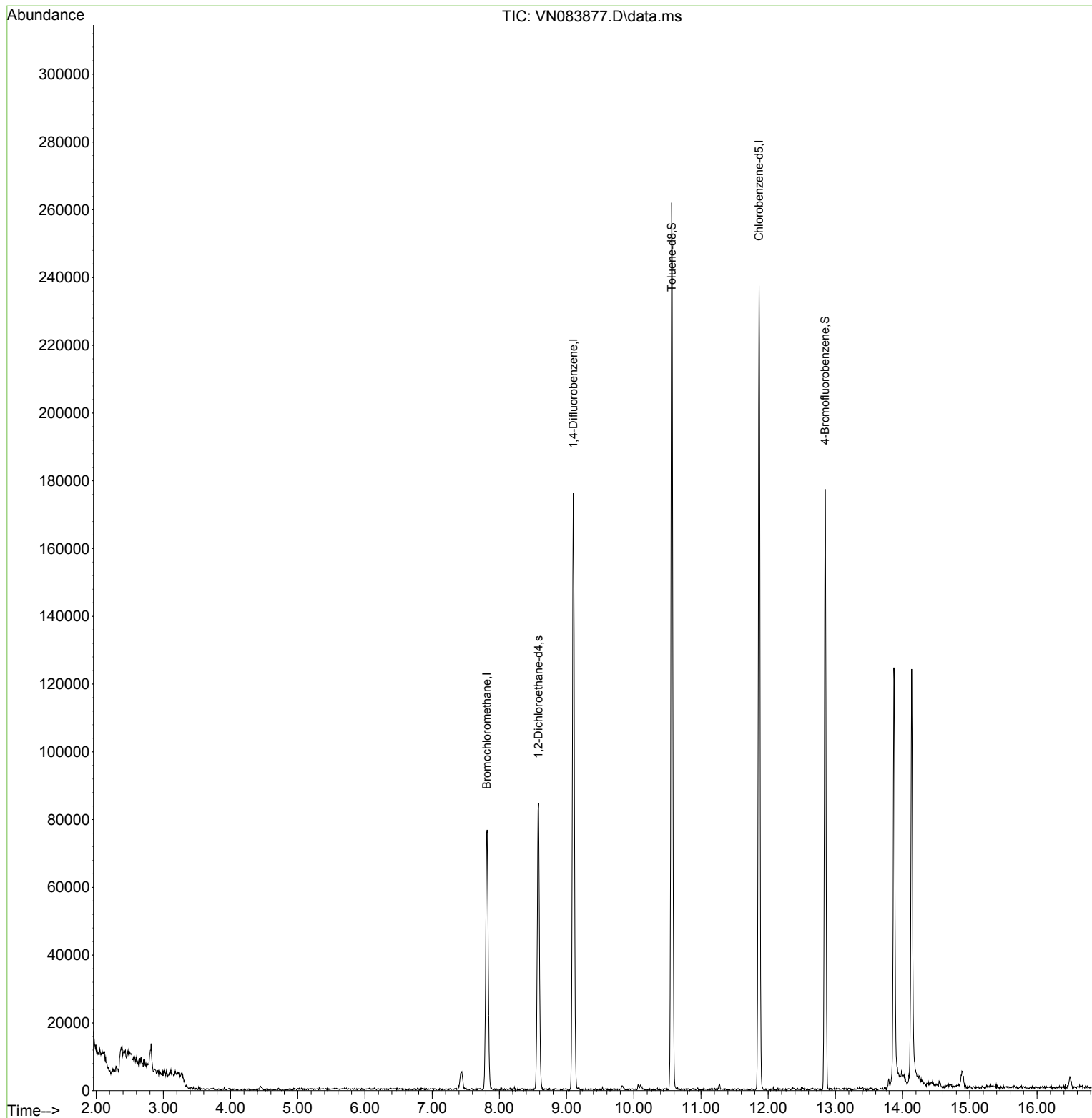
Target Compounds	Qvalue

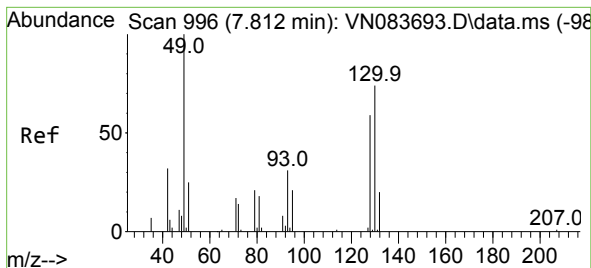
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

IBLK

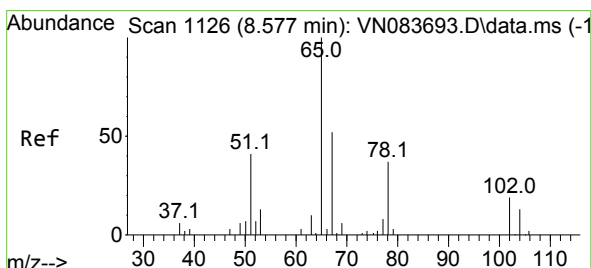
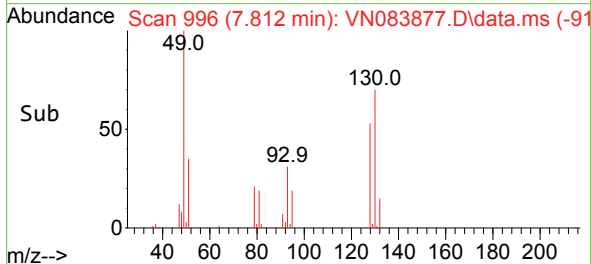
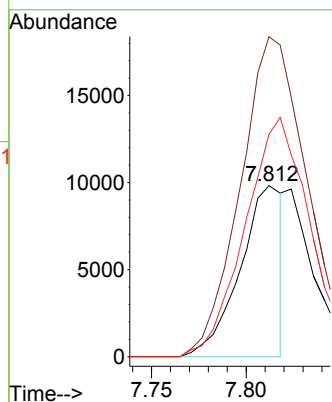
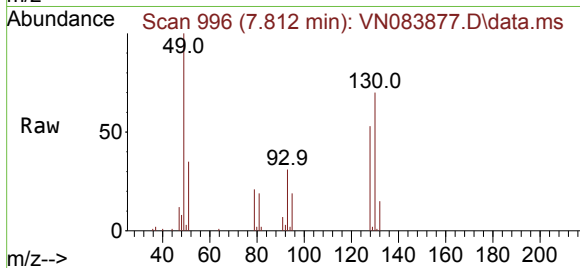
Tgt Ion:128 Resp: 15360

Ion Ratio Lower Upper

128 100

49 293.8 0.0 403.7

130 213.8 0.0 323.3



#27

1,2-Dichloroethane-d4

Concen: 51.277 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN083877.D

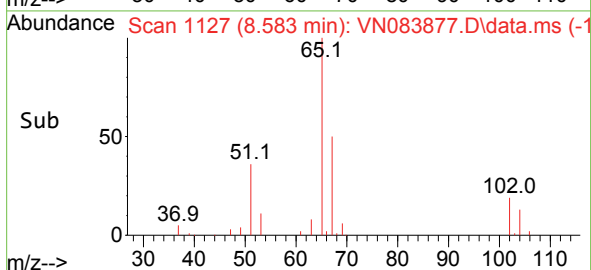
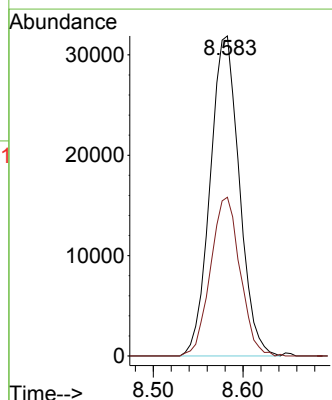
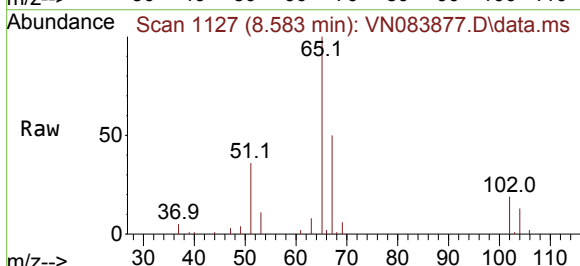
Acq: 13 Sep 2024 18:07

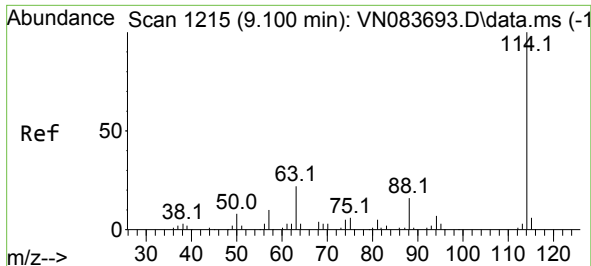
Tgt Ion: 65 Resp: 71994

Ion Ratio Lower Upper

65 100

67 50.2 43.2 64.8

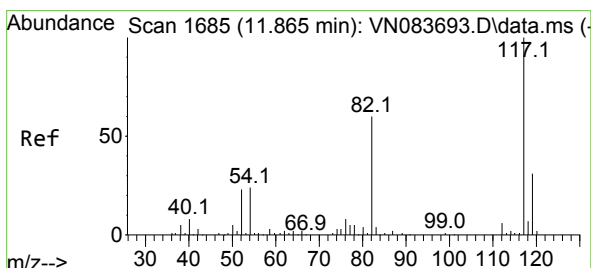
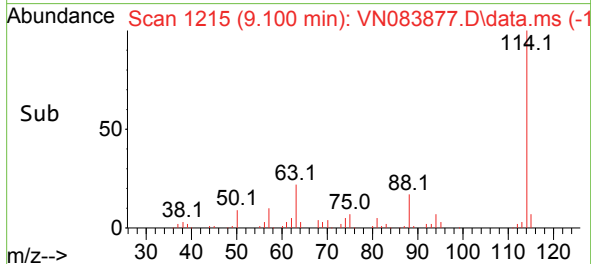
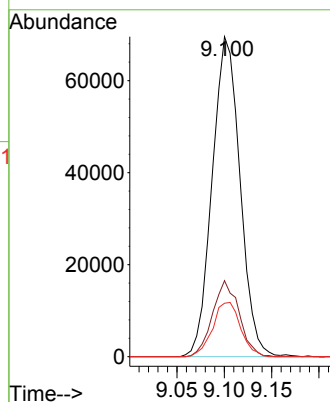
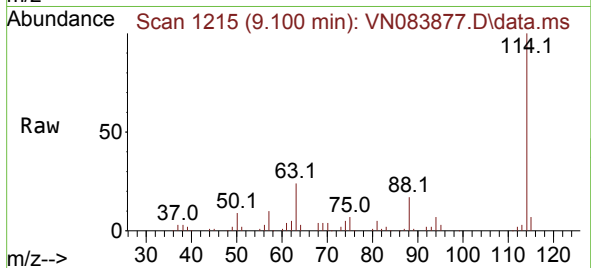




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083877.D
Acq: 13 Sep 2024 18:07

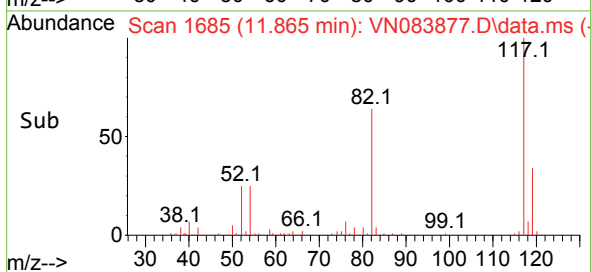
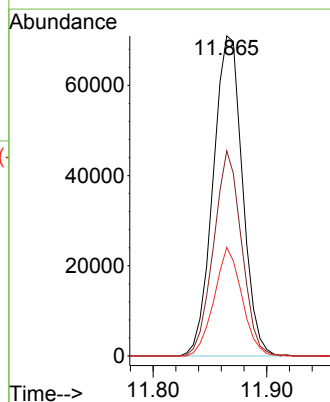
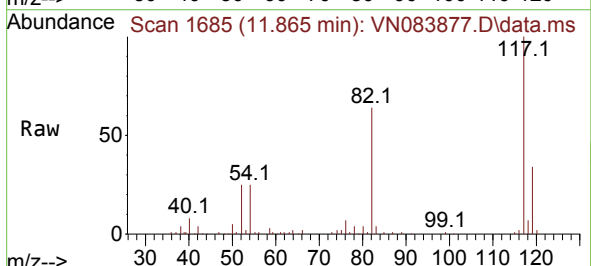
Instrument :
MSVOA_N
ClientSampleId :
IBLK

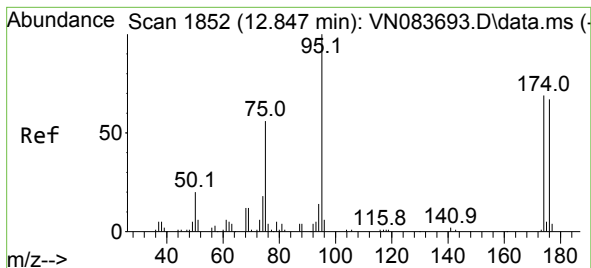
Tgt Ion:114 Resp: 142207
Ion Ratio Lower Upper
114 100
63 22.7 15.9 23.9
88 17.1 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083877.D
Acq: 13 Sep 2024 18:07

Tgt Ion:117 Resp: 127373
Ion Ratio Lower Upper
117 100
82 61.3 46.6 69.8
119 32.1 25.4 38.2

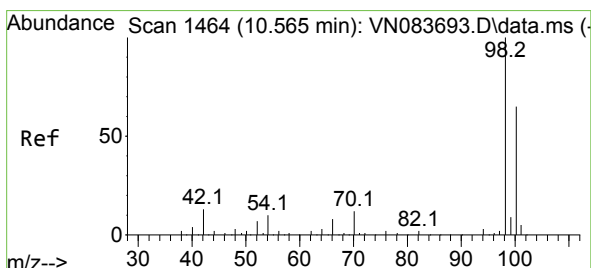
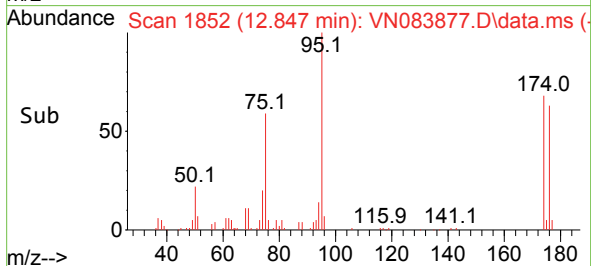
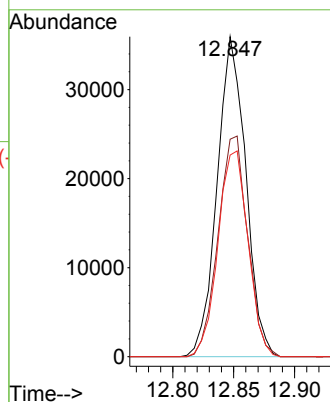
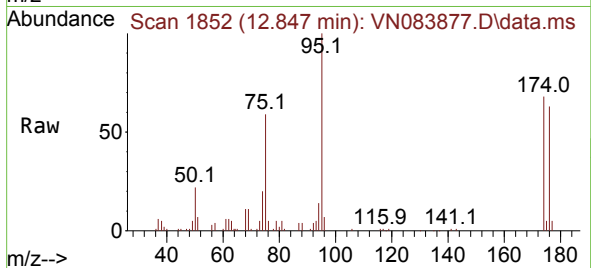




#60
4-Bromofluorobenzene
Concen: 26.873 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083877.D
Acq: 13 Sep 2024 18:07

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 58993
Ion Ratio Lower Upper
95 100
174 71.0 60.5 90.7
176 67.3 57.8 86.6



#63
Toluene-d8
Concen: 29.895 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083877.D
Acq: 13 Sep 2024 18:07

Tgt Ion: 98 Resp: 176317
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1

