

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083529.D
 Acq On : 28 Aug 2024 10:31
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 28 15:34:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	31745	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	181701	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	154393	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	86438	30.294	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.967%
60) 4-Bromofluorobenzene	12.847	95	77392	28.314	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.367%
63) Toluene-d8	10.565	98	217698	30.542	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.800%

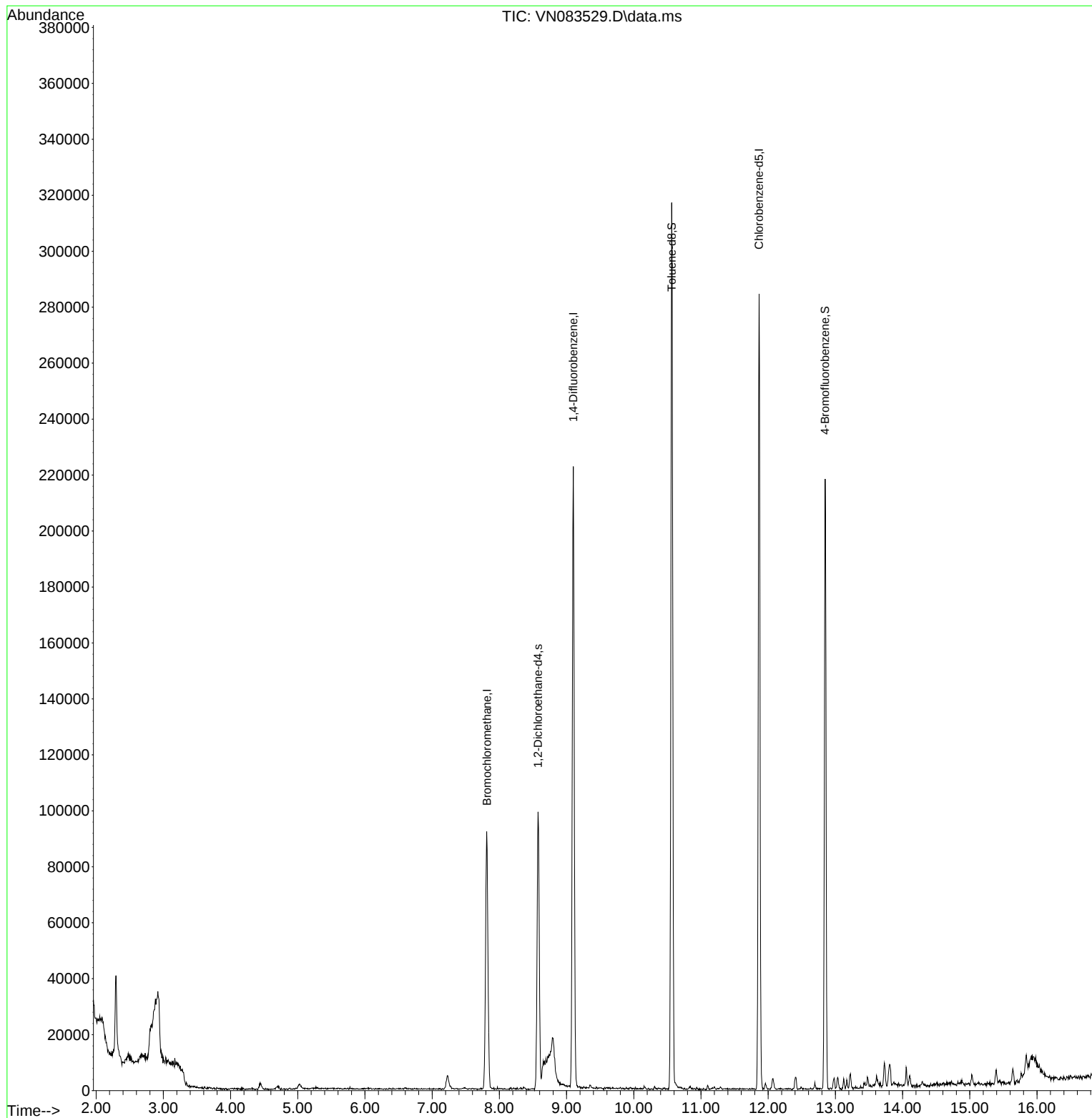
Target Compounds	Qvalue

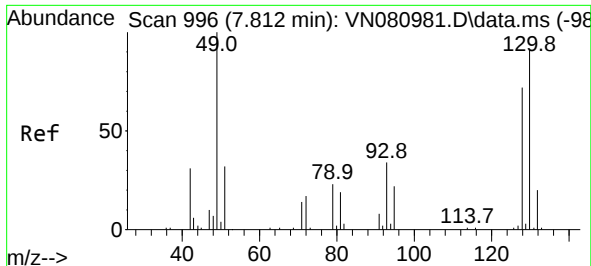
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
Data File : VN083529.D
Acq On : 28 Aug 2024 10:31
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Aug 28 15:34:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 28 12:23:16 2024
Response via : Initial Calibration

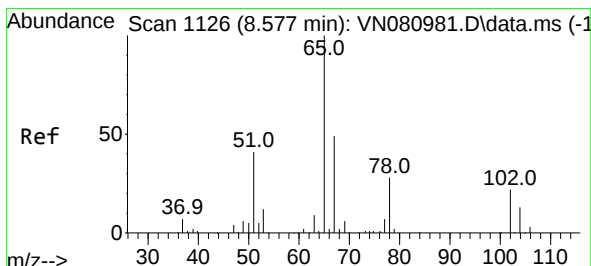
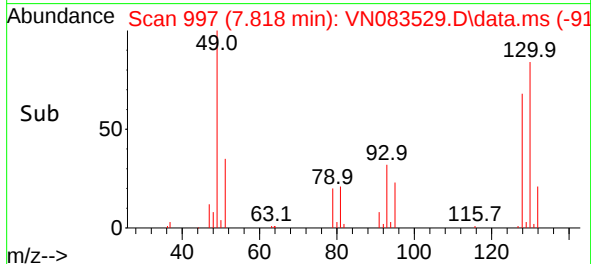
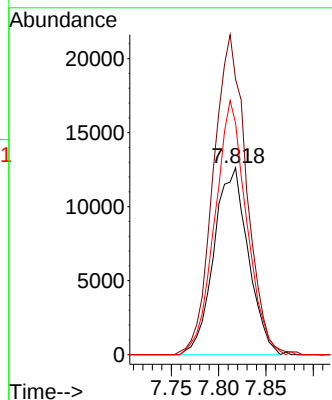
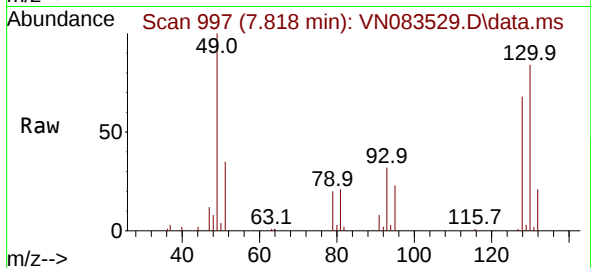




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN083529.D
Acq: 28 Aug 2024 10:31

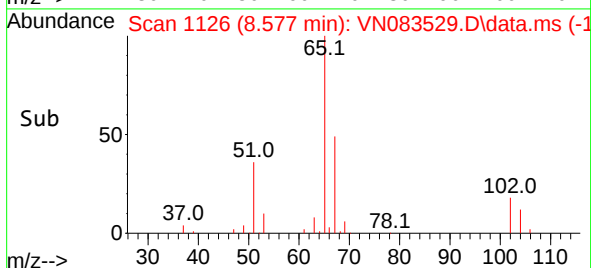
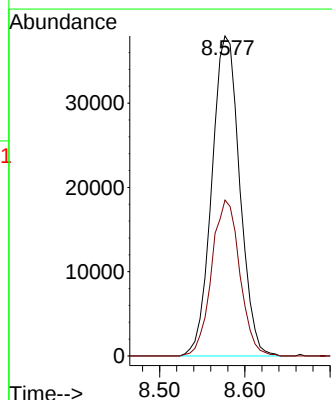
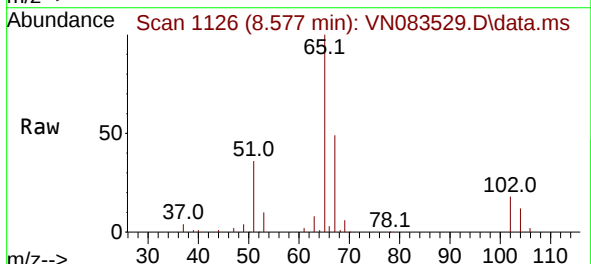
Instrument :
MSVOA_N
ClientSampleId :
IBLK

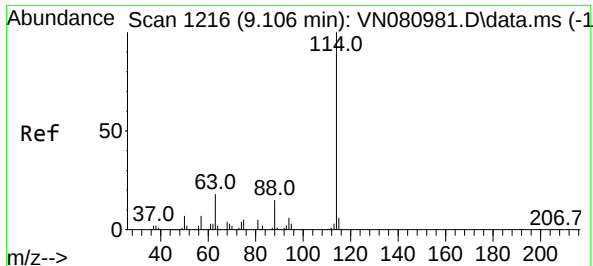
Tgt Ion:128 Resp: 31745
Ion Ratio Lower Upper
128 100
49 166.1 0.0 403.7
130 126.2 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.294 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083529.D
Acq: 28 Aug 2024 10:31

Tgt Ion: 65 Resp: 86438
Ion Ratio Lower Upper
65 100
67 49.0 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083529.D

Acq: 28 Aug 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

IBLK

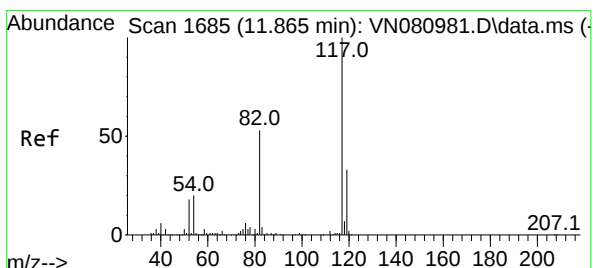
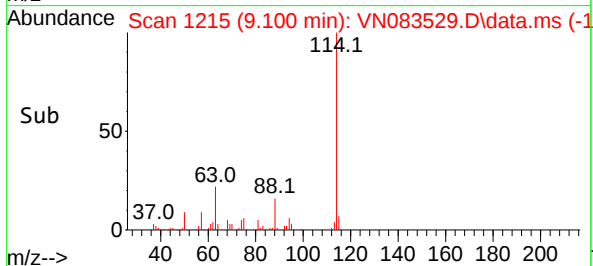
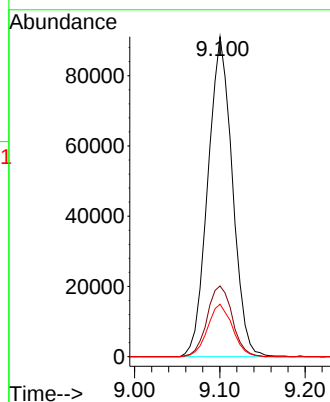
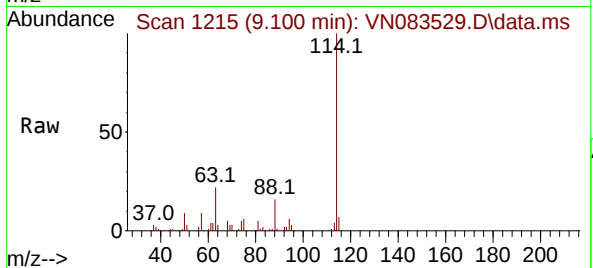
Tgt Ion:114 Resp: 181701

Ion Ratio Lower Upper

114 100

63 22.7 15.9 23.9

88 16.6 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: VN083529.D

Acq: 28 Aug 2024 10:31

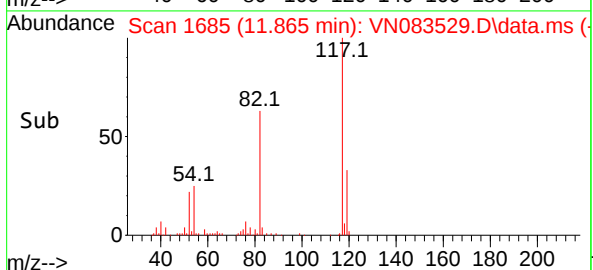
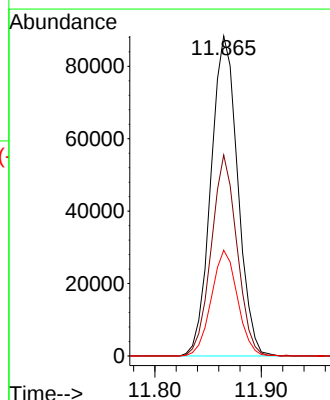
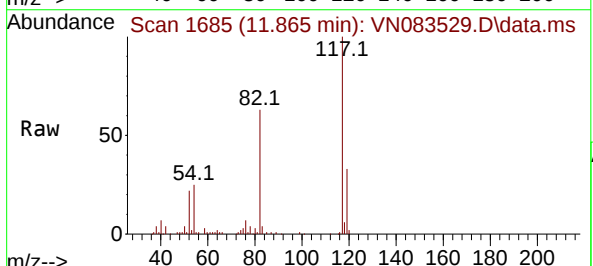
Tgt Ion:117 Resp: 154393

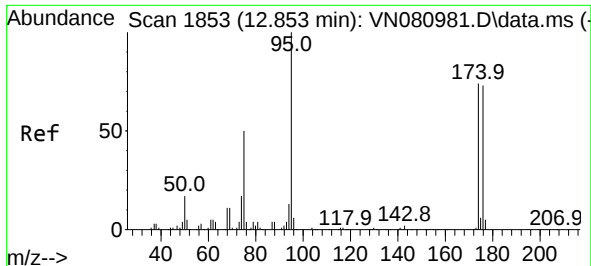
Ion Ratio Lower Upper

117 100

82 60.1 46.6 69.8

119 32.2 25.4 38.2

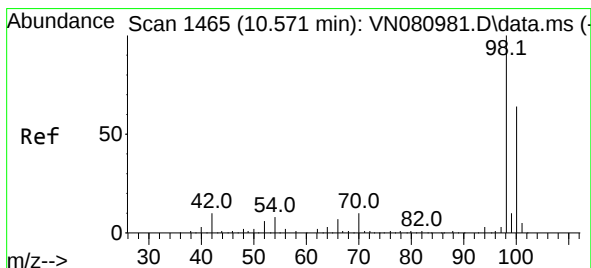
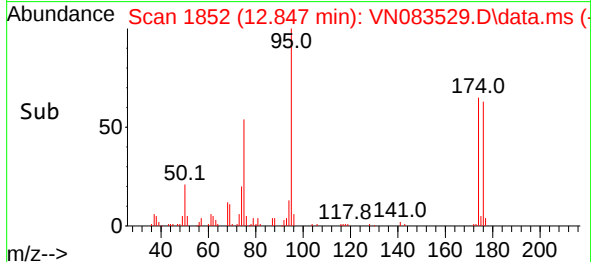
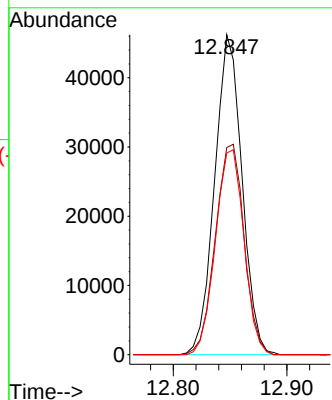
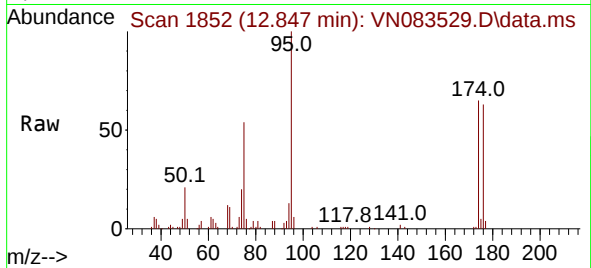




#60
4-Bromofluorobenzene
Concen: 28.314 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083529.D
Acq: 28 Aug 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 77392
Ion Ratio Lower Upper
95 100
174 69.2 60.5 90.7
176 66.6 57.8 86.6



#63
Toluene-d8
Concen: 30.542 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083529.D
Acq: 28 Aug 2024 10:31

Tgt Ion: 98 Resp: 217698
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

