

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083540.D
 Acq On : 28 Aug 2024 16:56
 Operator : JC\MD
 Sample : P3715-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-240821052-04

Quant Time: Aug 29 00:53:10 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	7.812	128	27157	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	160231	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138177	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77381	31.702	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.667%
60) 4-Bromofluorobenzene	12.847	95	70544	28.837	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.133%
63) Toluene-d8	10.565	98	194702	30.522	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.733%

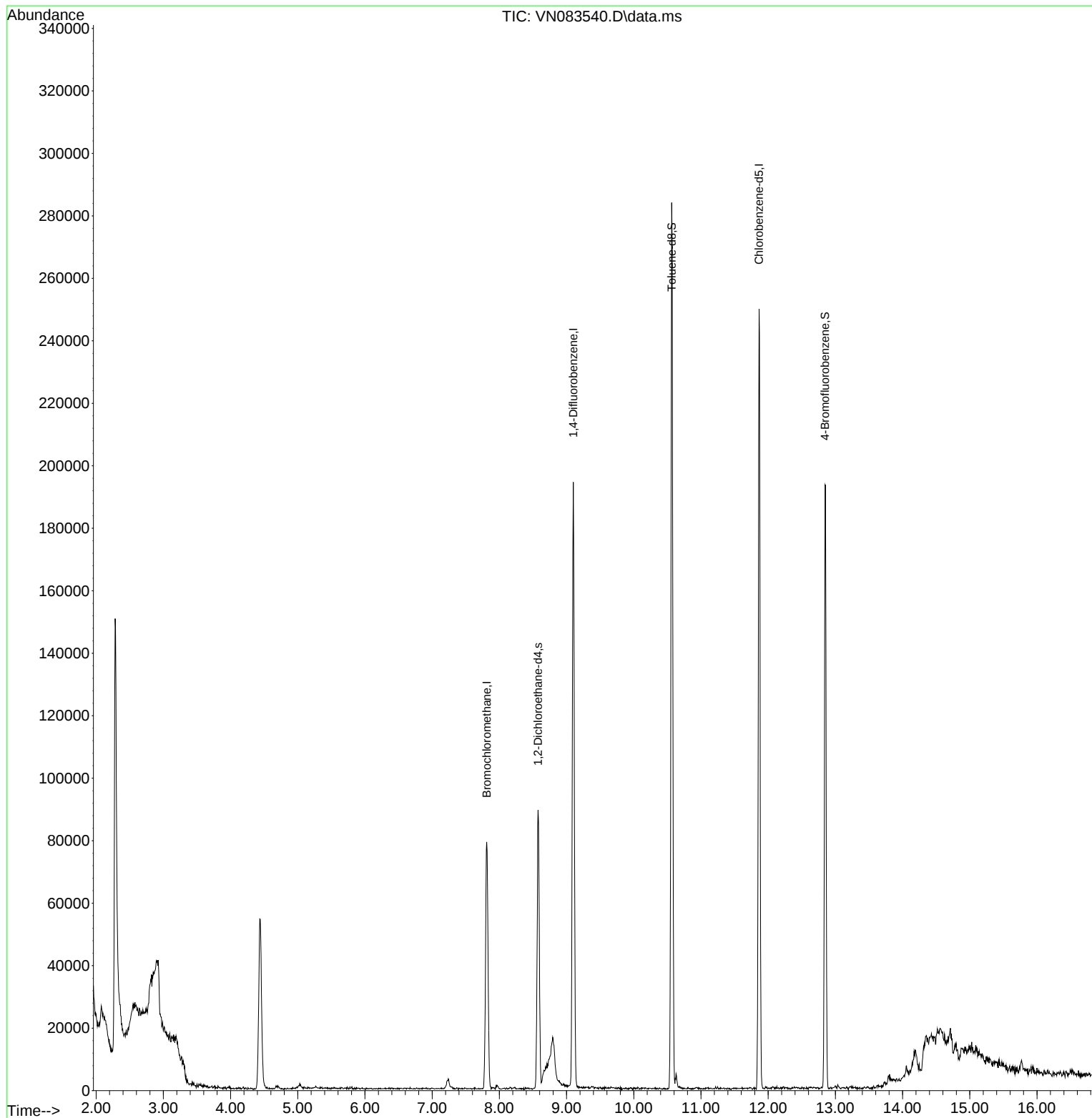
Target Compounds	Qvalue

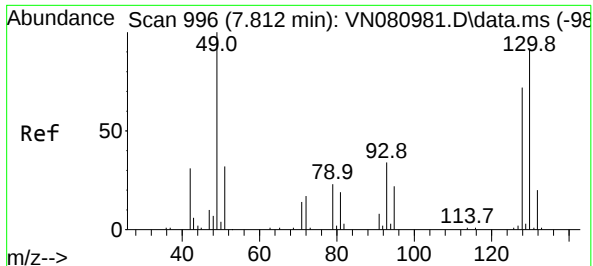
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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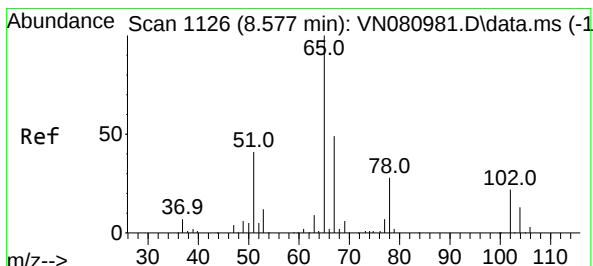
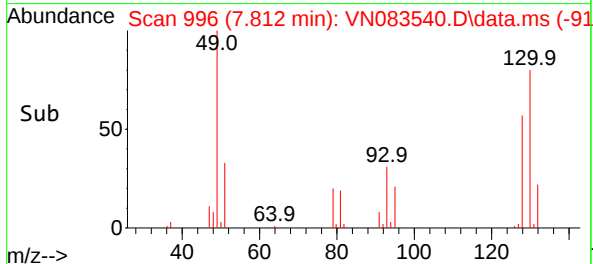
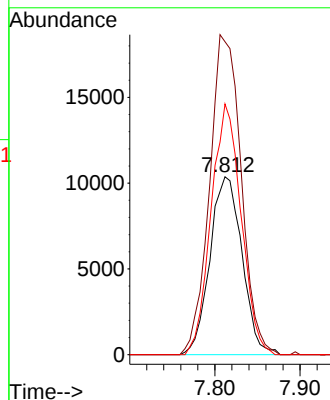
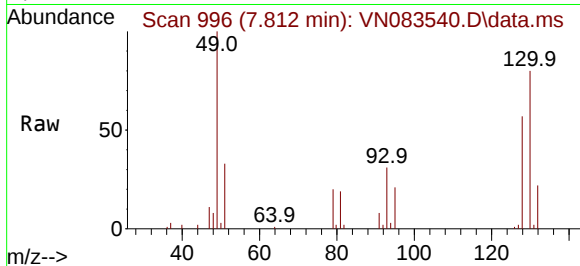




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083540.D
Acq: 28 Aug 2024 16:56

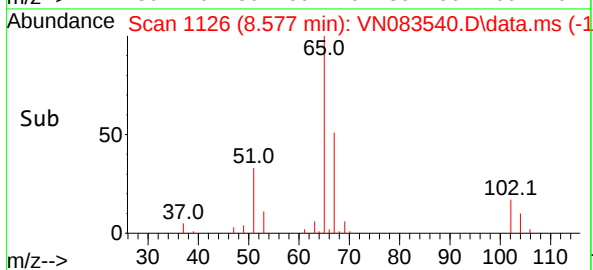
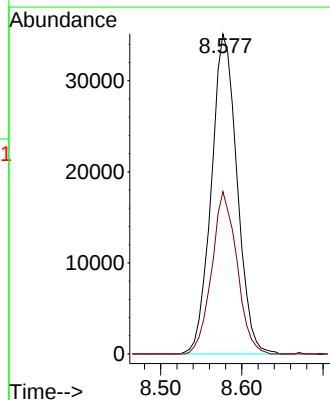
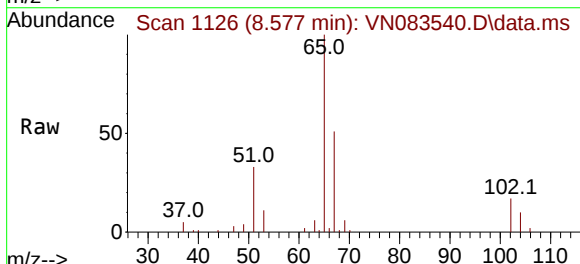
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-240821052-04

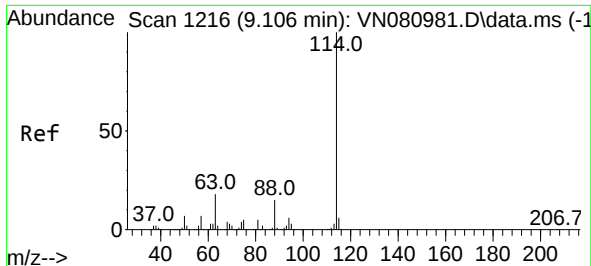
Tgt Ion:	128	Resp:	27157
Ion	Ratio	Lower	Upper
128	100		
49	177.5	0.0	403.7
130	132.2	0.0	323.3



#27
1,2-Dichloroethane-d4
Concen: 31.702 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083540.D
Acq: 28 Aug 2024 16:56

Tgt Ion:	65	Resp:	77381
Ion	Ratio	Lower	Upper
65	100		
67	49.6	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: VN083540.D

Acq: 28 Aug 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK-240821052-04

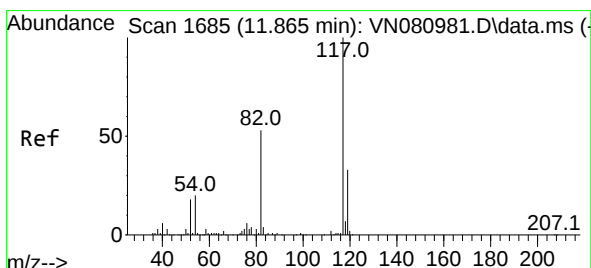
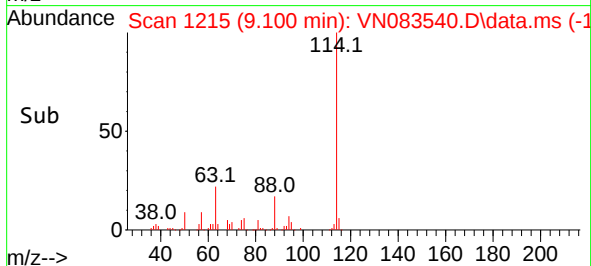
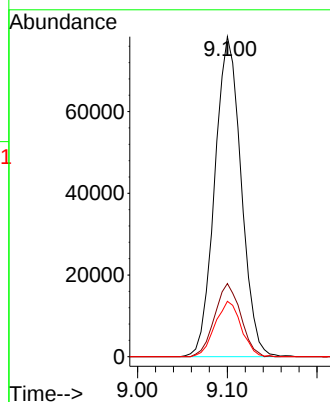
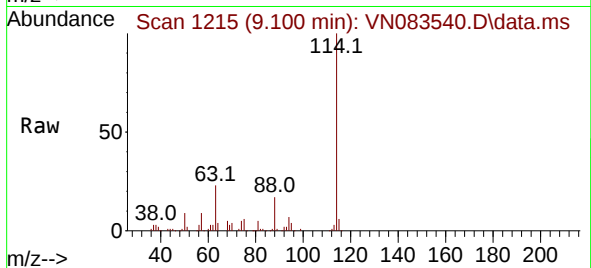
Tgt Ion:114 Resp: 160231

Ion Ratio Lower Upper

114 100

63 22.5 15.9 23.9

88 17.0 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: VN083540.D

Acq: 28 Aug 2024 16:56

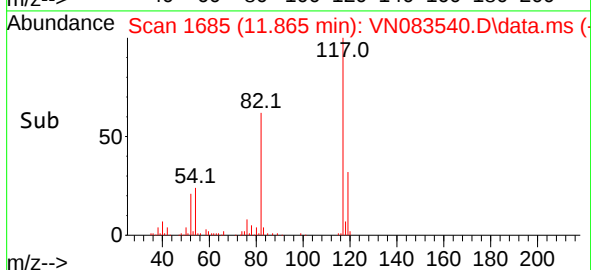
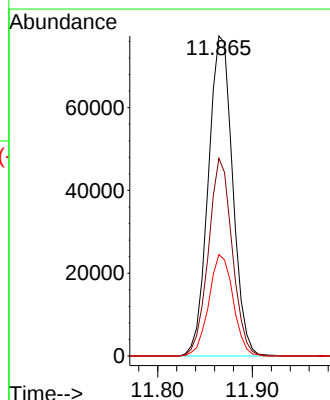
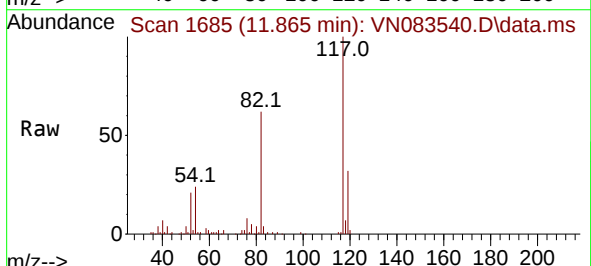
Tgt Ion:117 Resp: 138177

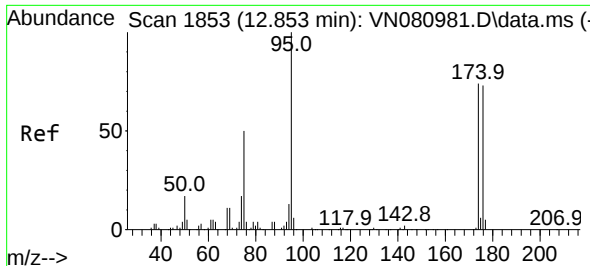
Ion Ratio Lower Upper

117 100

82 60.3 46.6 69.8

119 31.5 25.4 38.2

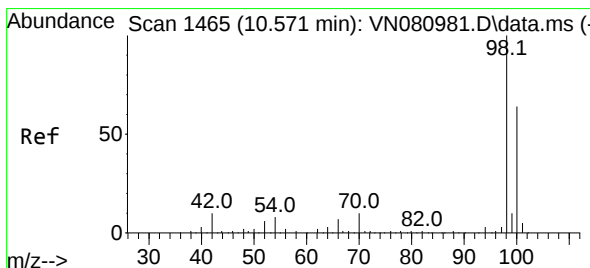
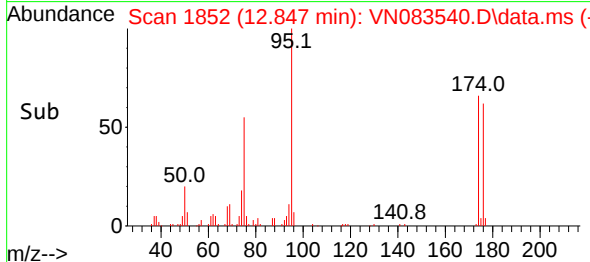
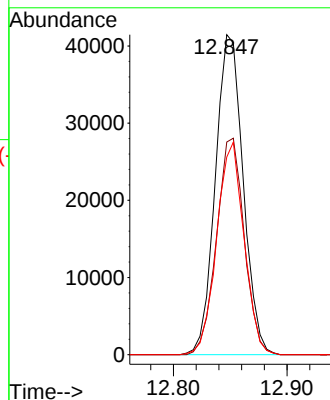
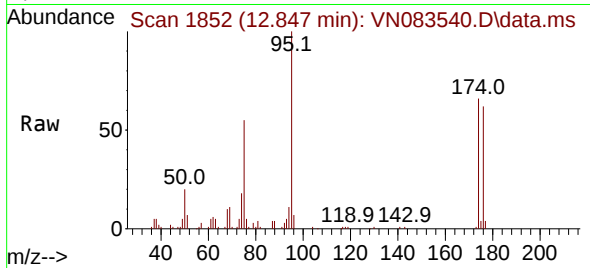




#60
4-Bromofluorobenzene
Concen: 28.837 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083540.D
Acq: 28 Aug 2024 16:56

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Tgt Ion: 95 Resp: 70544
Ion Ratio Lower Upper
95 100
174 67.3 60.5 90.7
176 65.3 57.8 86.6



#63
Toluene-d8
Concen: 30.522 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083540.D
Acq: 28 Aug 2024 16:56

Tgt Ion: 98 Resp: 194702
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1

