

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078747.D
 Acq On : 03 Aug 2023 12:55
 Operator : JC\MD
 Sample : VN0803WBL03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL03

Quant Time: Aug 04 06:30:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	149449	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	808015	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	409821	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	323006	28.833	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.100%
60) 4-Bromofluorobenzene	12.859	95	126186	20.546	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	68.500%
63) Toluene-d8	10.570	98	951968	47.022	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	156.733%#

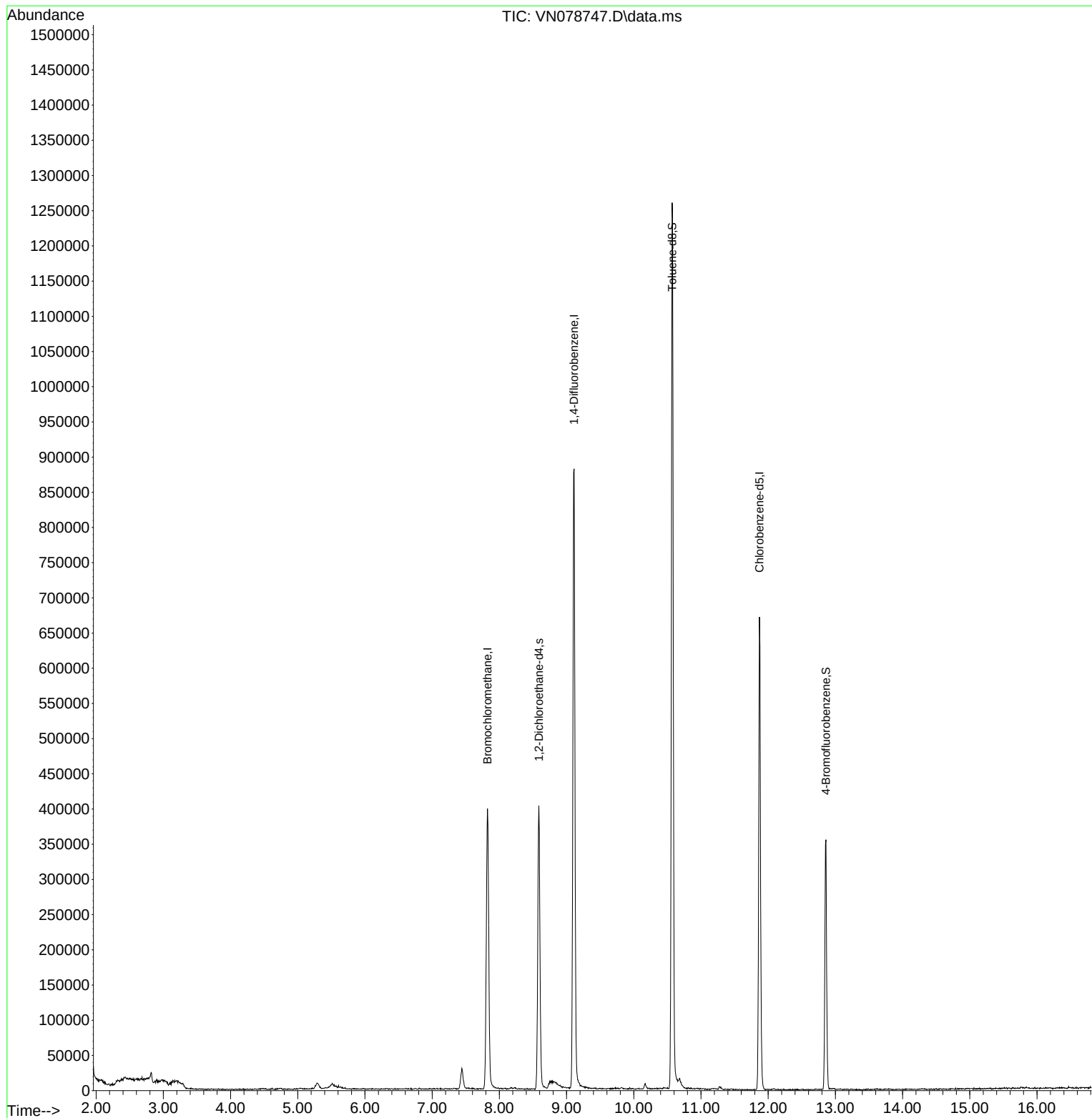
Target Compounds	Qvalue

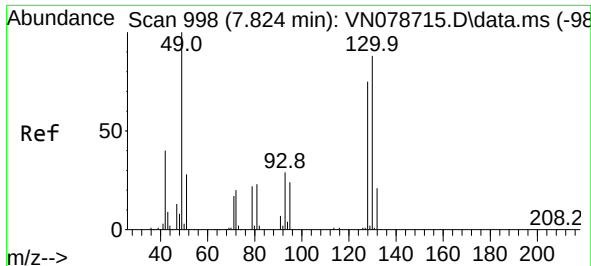
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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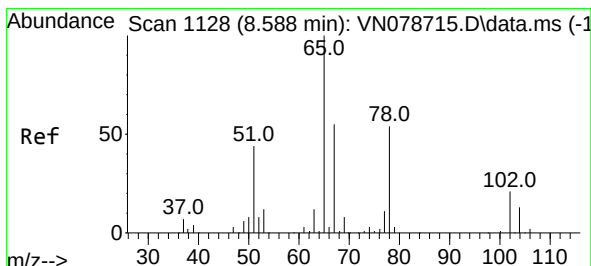
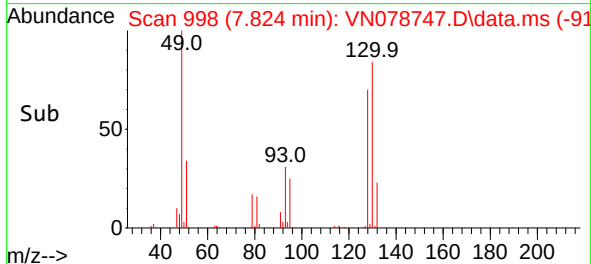
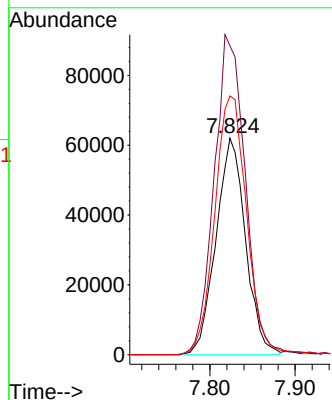
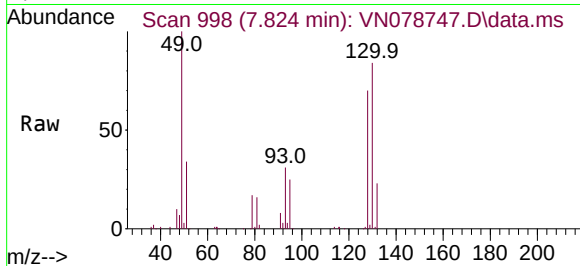




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078747.D
Acq: 03 Aug 2023 12:55

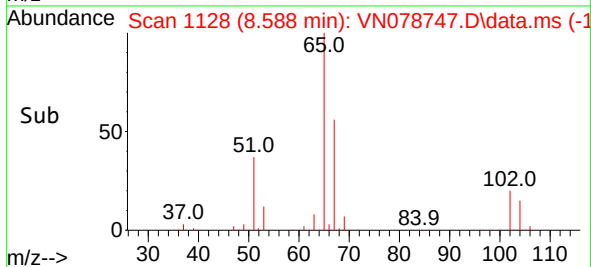
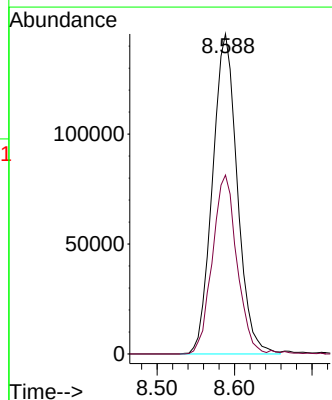
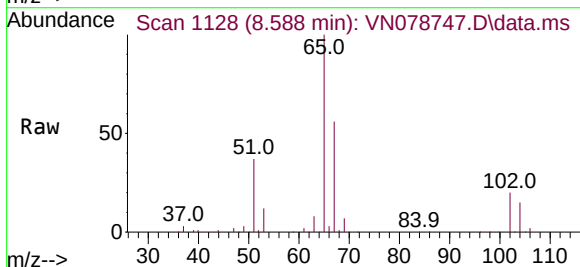
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL03

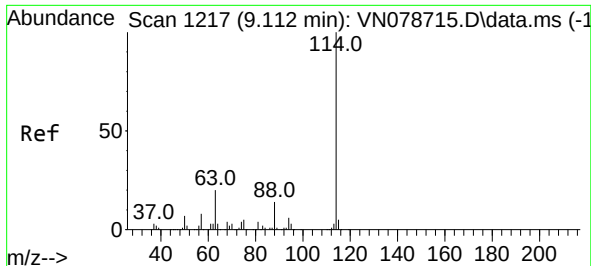
Tgt Ion:128 Resp: 149449
Ion Ratio Lower Upper
128 100
49 155.2 0.0 370.8
130 129.3 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 28.833 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078747.D
Acq: 03 Aug 2023 12:55

Tgt Ion: 65 Resp: 323006
Ion Ratio Lower Upper
65 100
67 55.3 42.9 64.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078747.D

Acq: 03 Aug 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL03

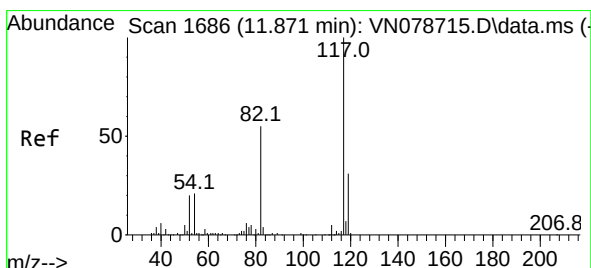
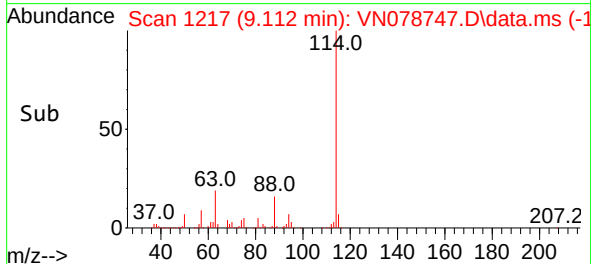
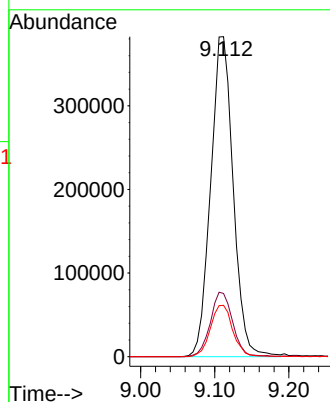
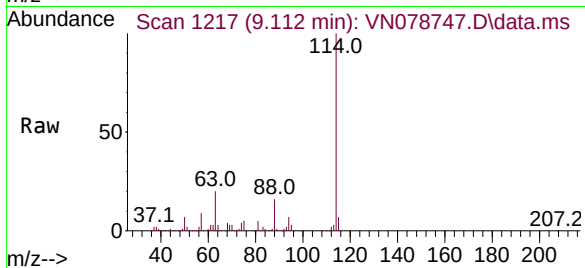
Tgt Ion:114 Resp: 808015

Ion Ratio Lower Upper

114 100

63 19.9 15.2 22.8

88 16.0 12.5 18.7



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN078747.D

Acq: 03 Aug 2023 12:55

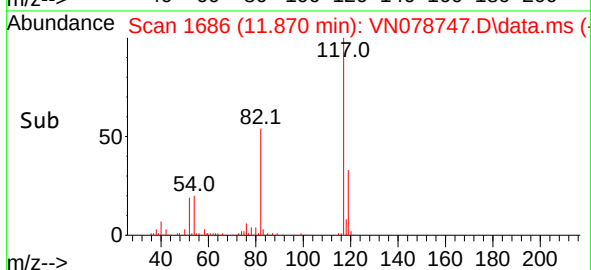
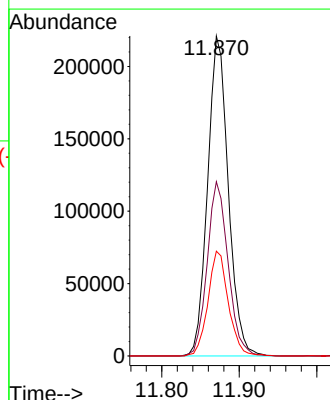
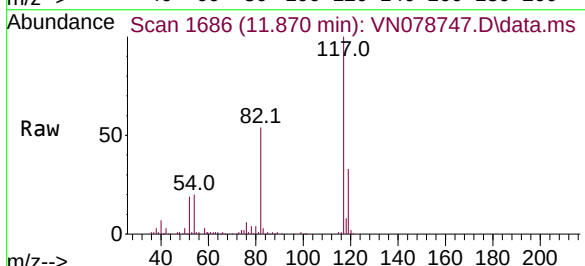
Tgt Ion:117 Resp: 409821

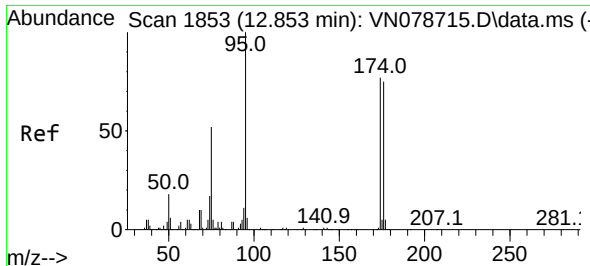
Ion Ratio Lower Upper

117 100

82 55.1 43.9 65.9

119 32.3 26.2 39.4

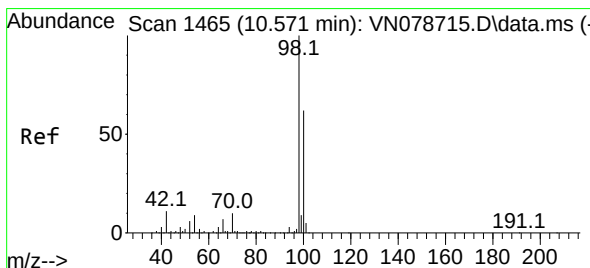
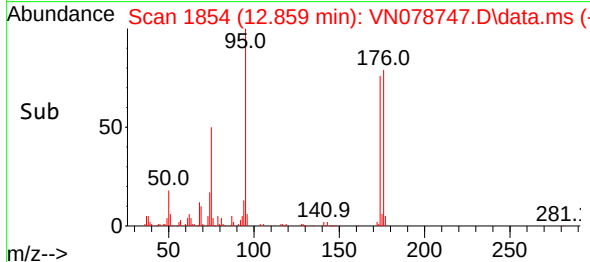
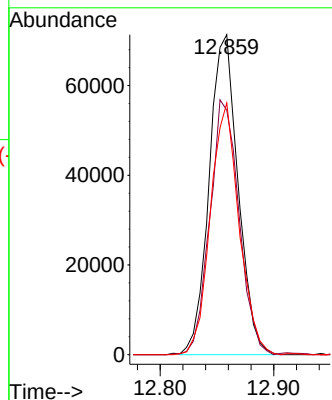
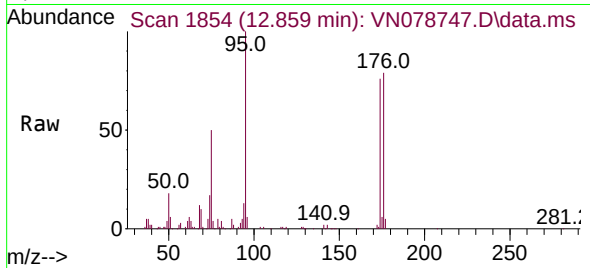




#60
4-Bromofluorobenzene
Concen: 20.546 ug/l
RT: 12.859 min Scan# 118
Delta R.T. 0.006 min
Lab File: VN078747.D
Acq: 03 Aug 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL03

Tgt Ion: 95 Resp: 126186
Ion Ratio Lower Upper
95 100
174 80.1 61.7 92.5
176 78.0 58.1 87.1



#63
Toluene-d8
Concen: 47.022 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078747.D
Acq: 03 Aug 2023 12:55

Tgt Ion: 98 Resp: 951968
Ion Ratio Lower Upper
98 100
100 62.6 49.7 74.5

