

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078724.D
 Acq On : 01 Aug 2023 18:37
 Operator : JC\MD
 Sample : VN0801WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBL01

Quant Time: Aug 02 04:27:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:20:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	98908	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	524307	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	423670	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	215438	29.058	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.867%
60) 4-Bromofluorobenzene	12.853	95	139819	22.021	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	73.400%
63) Toluene-d8	10.571	98	637285	30.450	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.500%

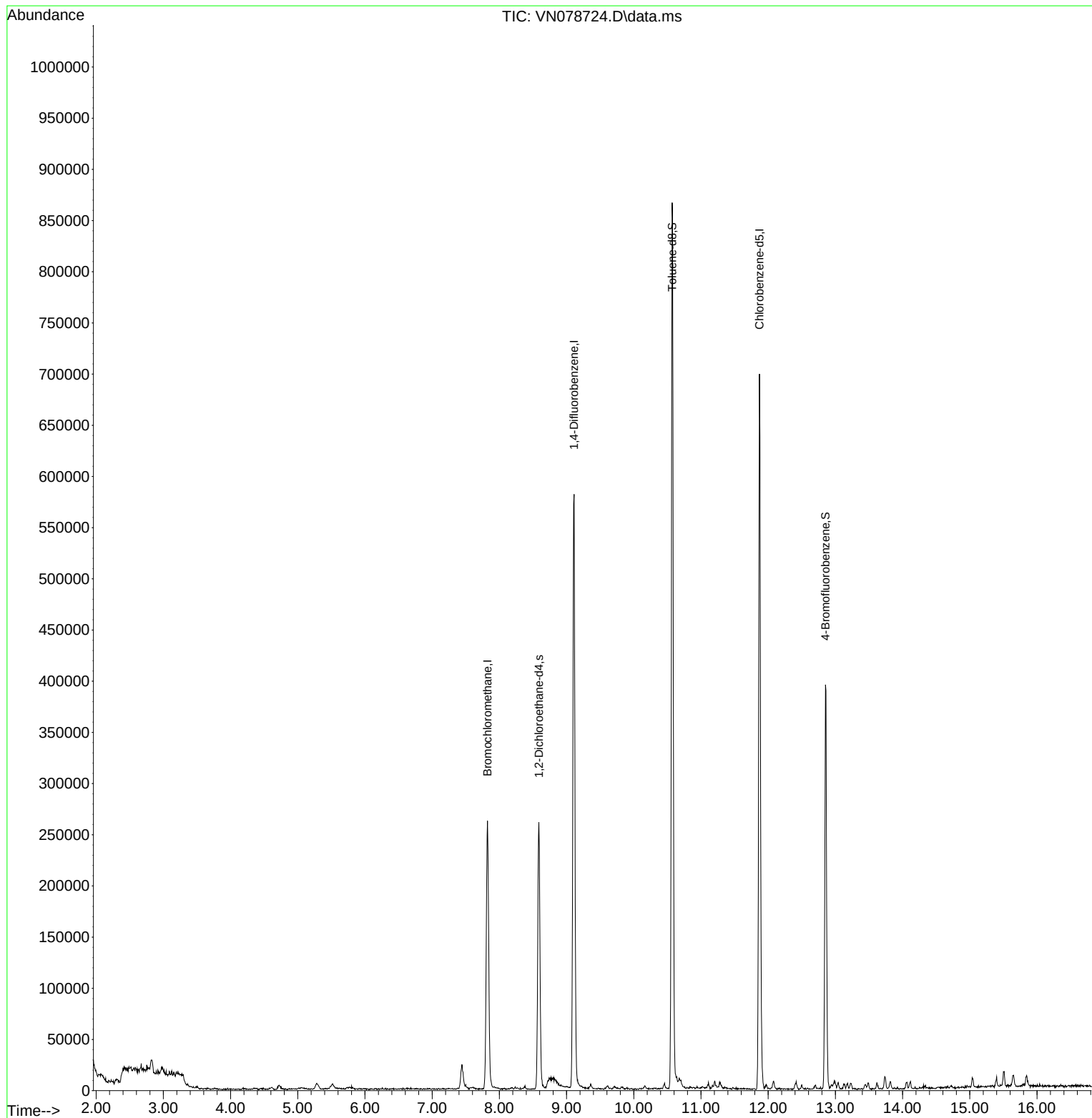
Target Compounds	Qvalue

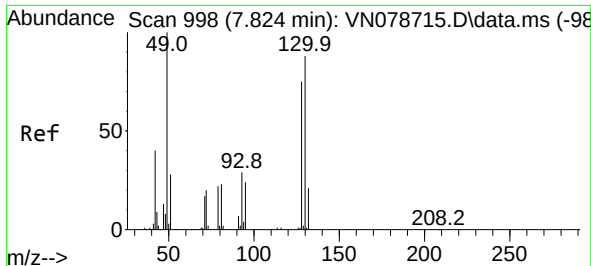
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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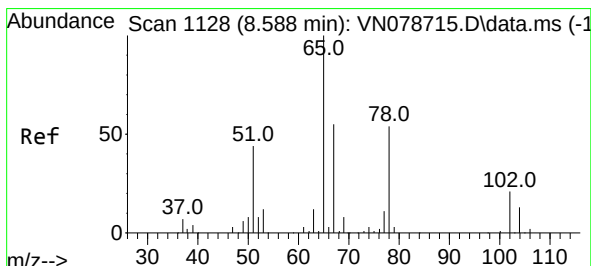
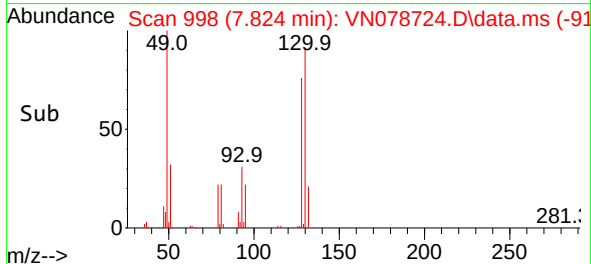
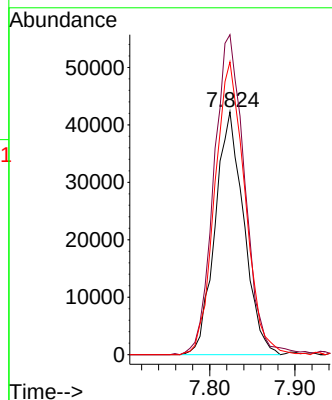
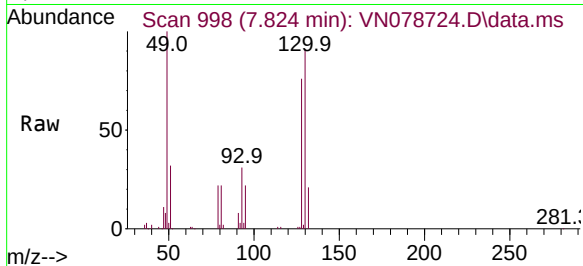




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078724.D
Acq: 01 Aug 2023 18:37

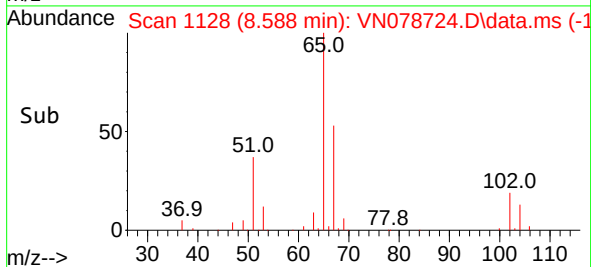
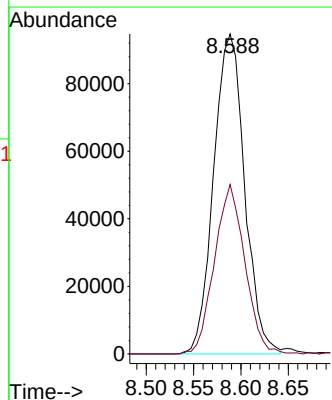
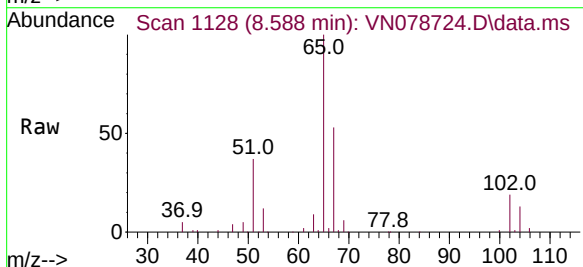
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

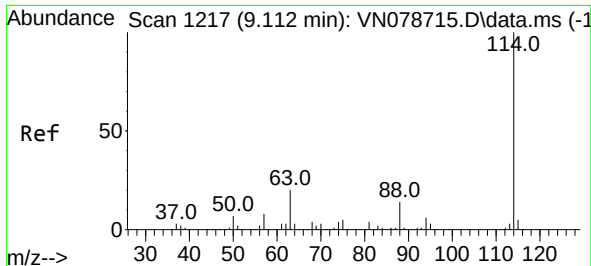
Tgt Ion:128 Resp: 98908
Ion Ratio Lower Upper
128 100
49 141.2 0.0 370.8
130 127.0 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 29.058 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078724.D
Acq: 01 Aug 2023 18:37

Tgt Ion: 65 Resp: 215438
Ion Ratio Lower Upper
65 100
67 51.9 42.9 64.3

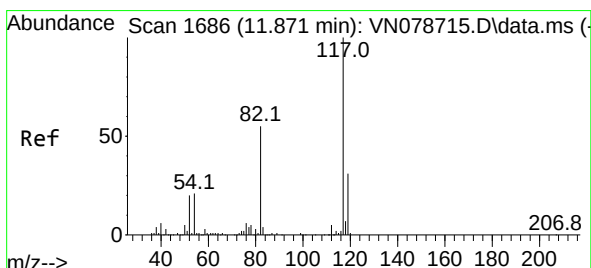
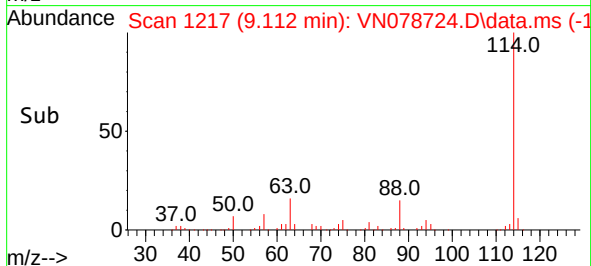
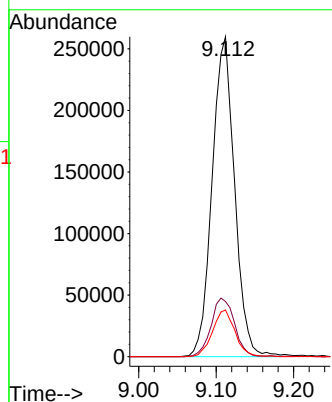
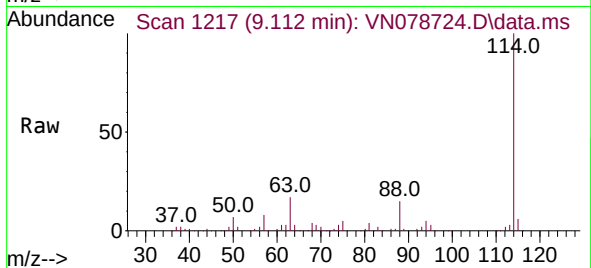




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078724.D
Acq: 01 Aug 2023 18:37

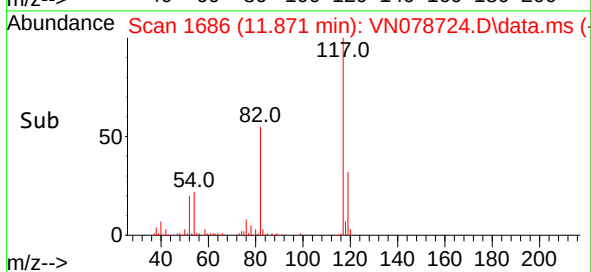
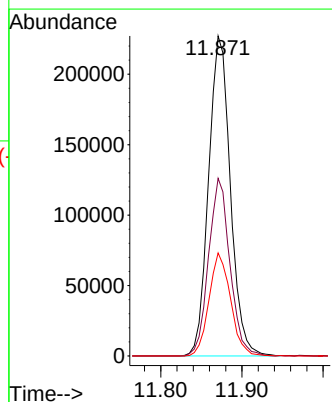
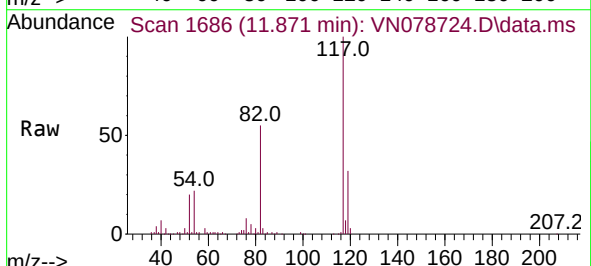
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

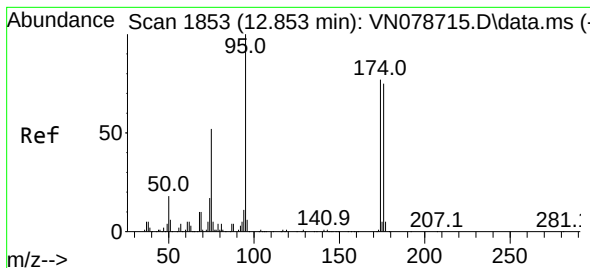
Tgt Ion:114 Resp: 524307
Ion Ratio Lower Upper
114 100
63 19.0 15.2 22.8
88 14.6 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078724.D
Acq: 01 Aug 2023 18:37

Tgt Ion:117 Resp: 423670
Ion Ratio Lower Upper
117 100
82 54.4 43.9 65.9
119 31.8 26.2 39.4

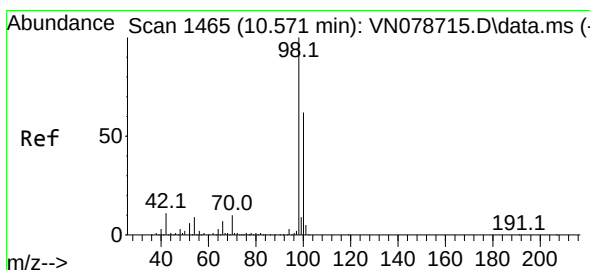
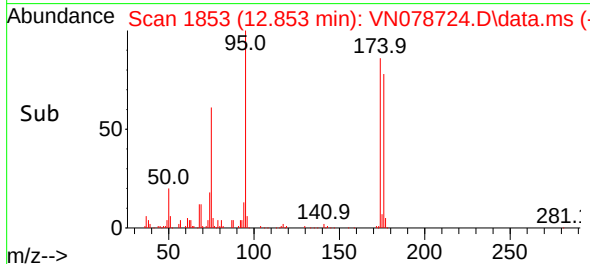
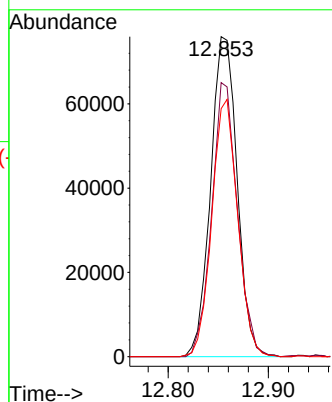
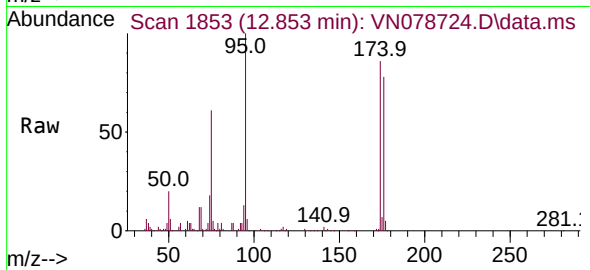




#60
4-Bromofluorobenzene
Concen: 22.021 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078724.D
Acq: 01 Aug 2023 18:37

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

Tgt Ion: 95 Resp: 139819
Ion Ratio Lower Upper
95 100
174 82.6 61.7 92.5
176 78.3 58.1 87.1



#63
Toluene-d8
Concen: 30.450 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078724.D
Acq: 01 Aug 2023 18:37

Tgt Ion: 98 Resp: 637285
Ion Ratio Lower Upper
98 100
100 62.2 49.7 74.5

