

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078732.D
 Acq On : 02 Aug 2023 16:02
 Operator : JC\MD
 Sample : VN0802WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBL01

Quant Time: Aug 03 05:32:30 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	80388	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	415285	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	342983	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	180296	29.921	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.733%
60) 4-Bromofluorobenzene	12.853	95	104551	20.340	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	67.800%
63) Toluene-d8	10.576	98	517305	30.532	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.767%

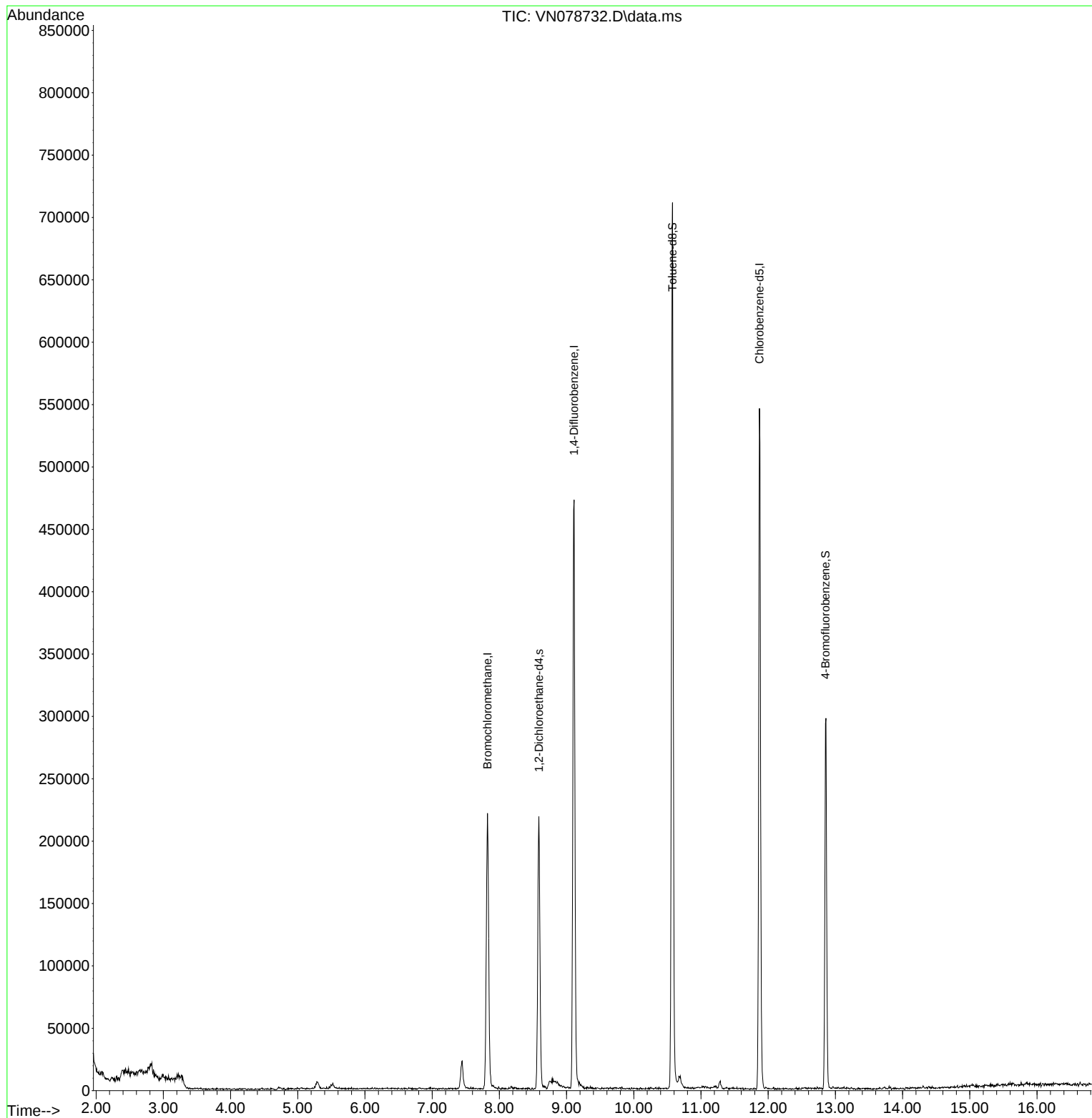
Target Compounds	Qvalue

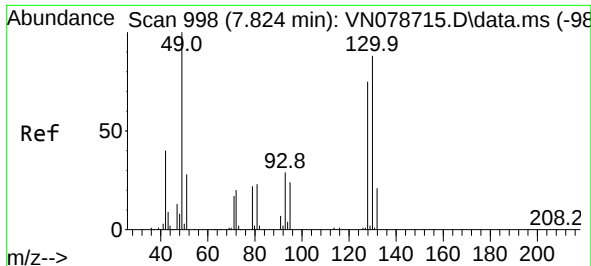
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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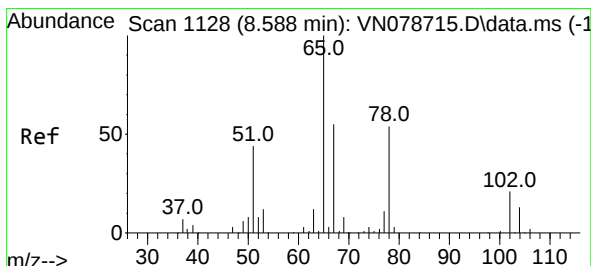
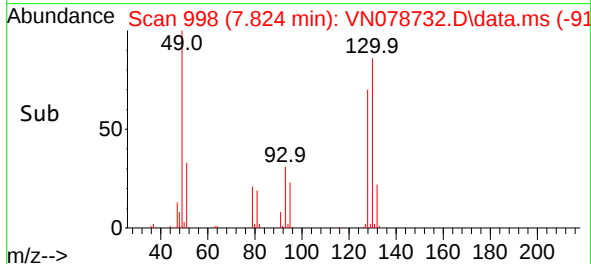
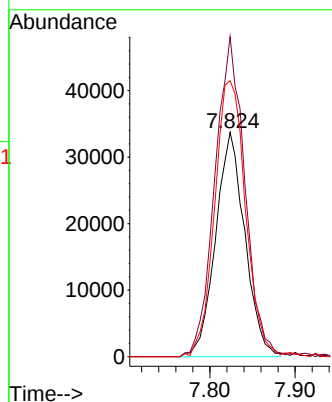
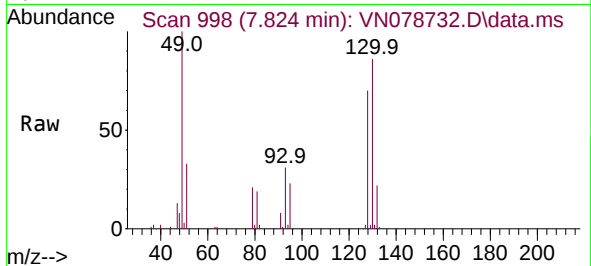




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.824 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN078732.D
 Acq: 02 Aug 2023 16:02

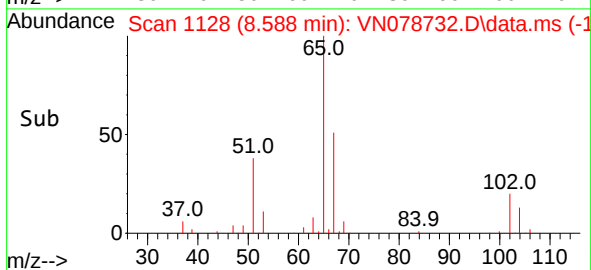
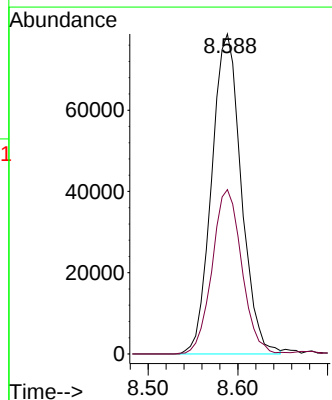
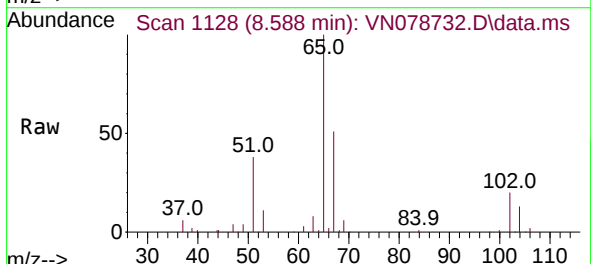
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBL01

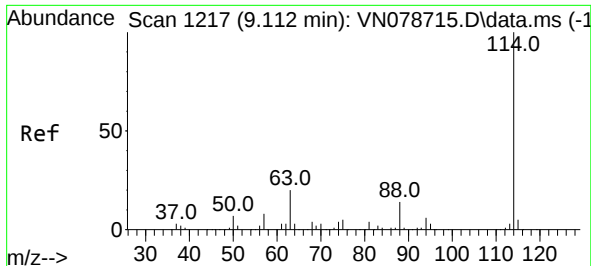
Tgt Ion:128 Resp: 80388
 Ion Ratio Lower Upper
 128 100
 49 145.6 0.0 370.8
 130 130.2 0.0 307.0



#27
 1,2-Dichloroethane-d4
 Concen: 29.921 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VN078732.D
 Acq: 02 Aug 2023 16:02

Tgt Ion: 65 Resp: 180296
 Ion Ratio Lower Upper
 65 100
 67 51.3 42.9 64.3



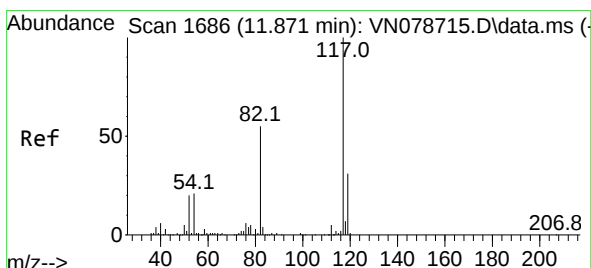
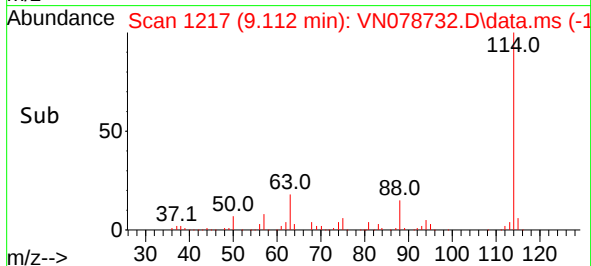
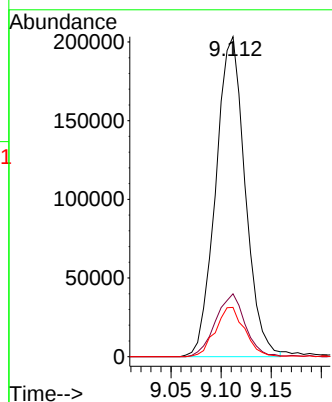
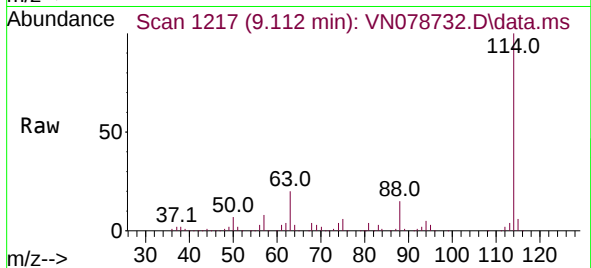


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

Tgt Ion:114 Resp: 415285

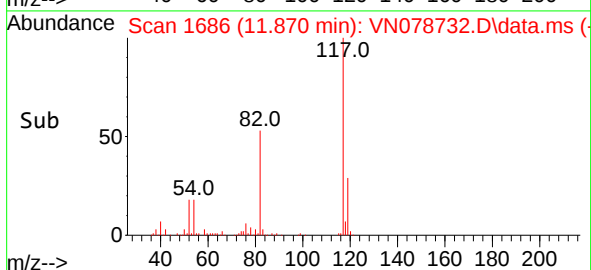
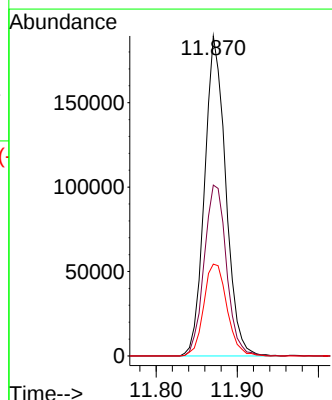
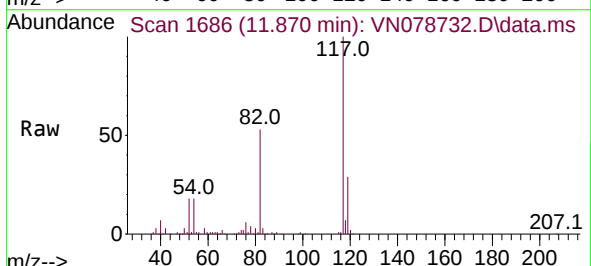
Ion	Ratio	Lower	Upper
114	100		
63	19.7	15.2	22.8
88	15.3	12.5	18.7

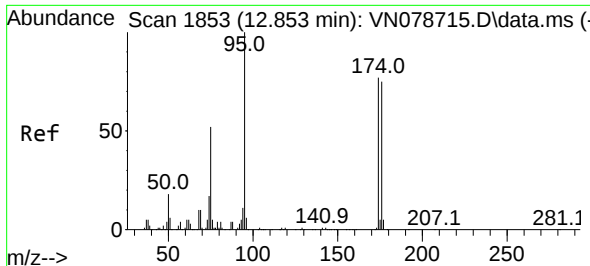


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Tgt Ion:117 Resp: 342983

Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.9	65.9
119	31.5	26.2	39.4

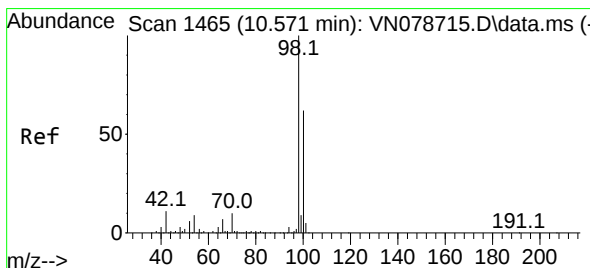
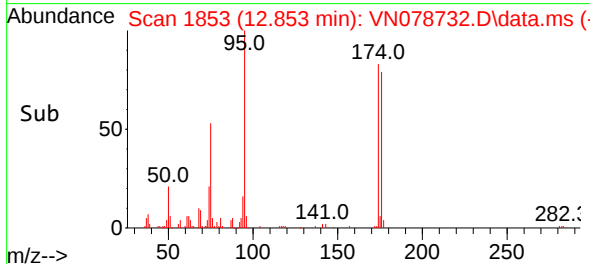
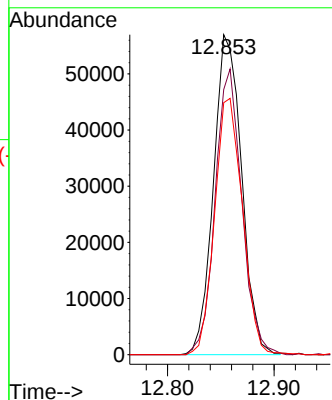
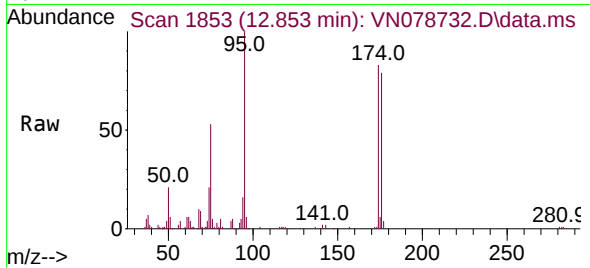




#60
4-Bromofluorobenzene
Concen: 20.340 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL01

Tgt Ion: 95 Resp: 104551
Ion Ratio Lower Upper
95 100
174 84.5 61.7 92.5
176 79.5 58.1 87.1



#63
Toluene-d8
Concen: 30.532 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078732.D
Acq: 02 Aug 2023 16:02

Tgt Ion: 98 Resp: 517305
Ion Ratio Lower Upper
98 100
100 61.1 49.7 74.5

