

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078733.D
 Acq On : 02 Aug 2023 16:26
 Operator : JC\MD
 Sample : VN0802WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBL02

Quant Time: Aug 03 05:32:39 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	103882	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	467340	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	374090	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	237412	30.489	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.633%
60) 4-Bromofluorobenzene	12.853	95	110877	19.777	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	65.933%
63) Toluene-d8	10.571	98	557236	30.154	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.500%

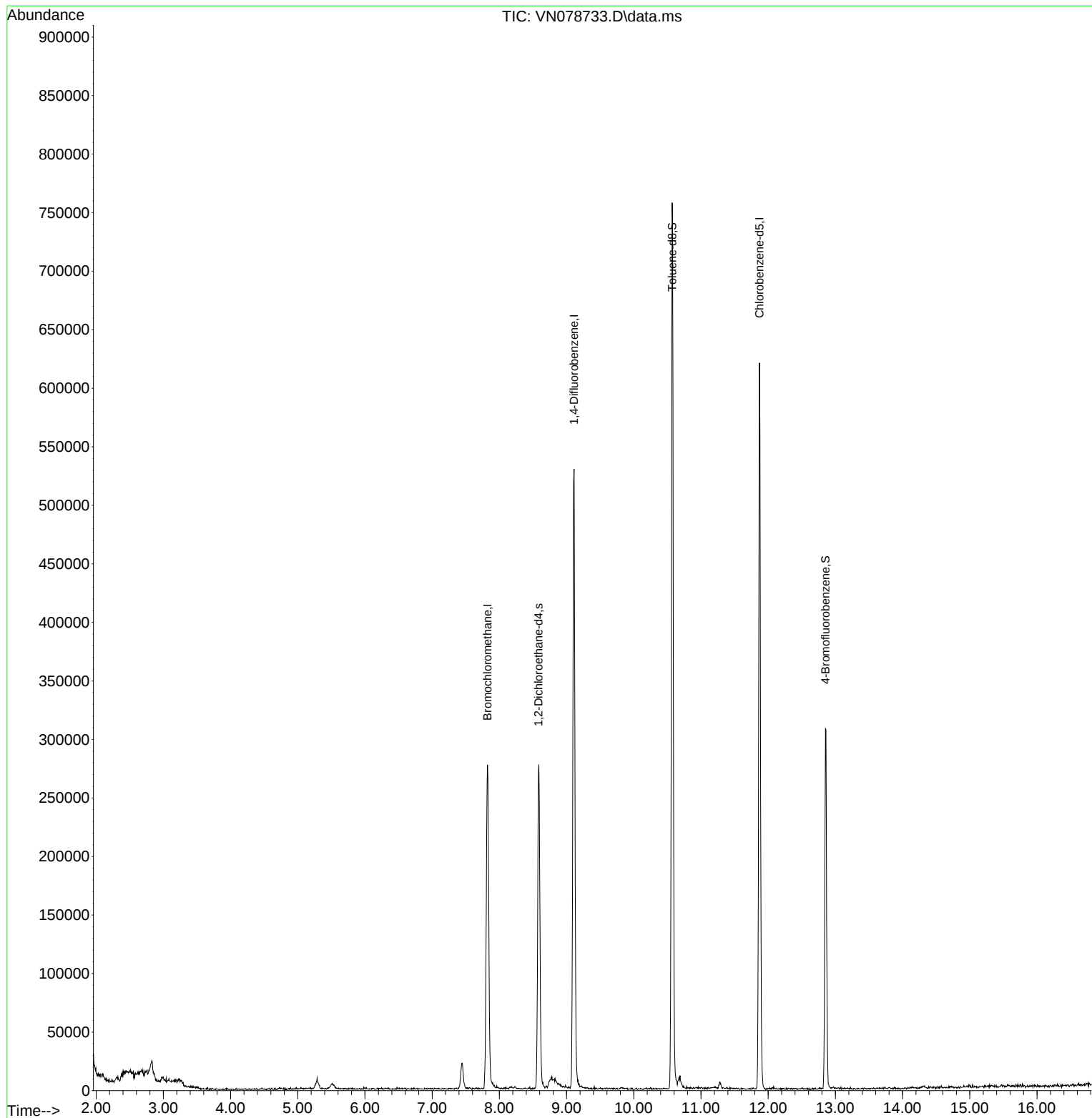
Target Compounds	Qvalue

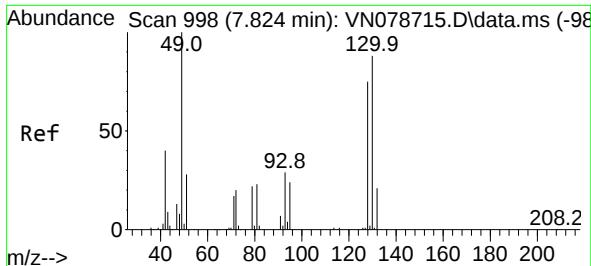
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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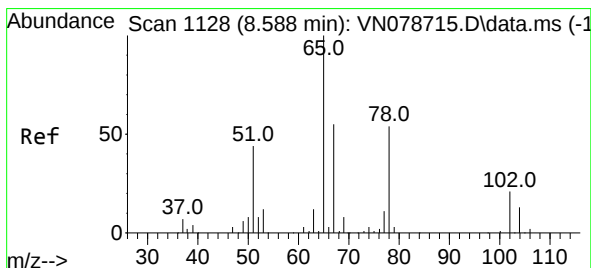
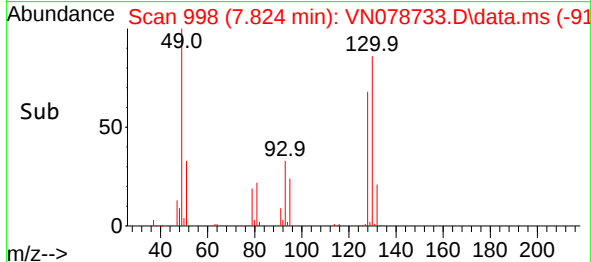
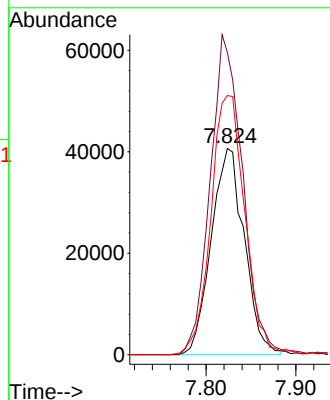
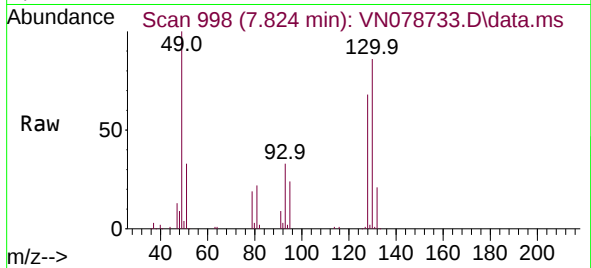




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

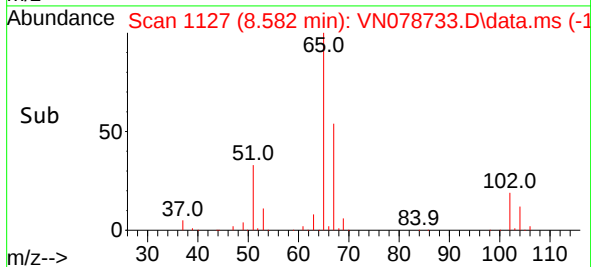
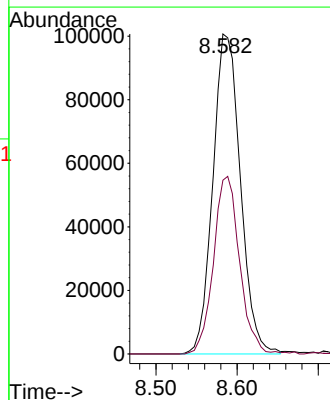
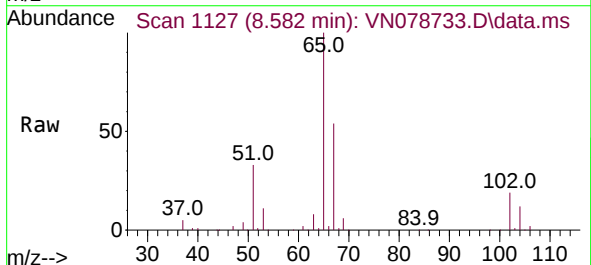
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL02

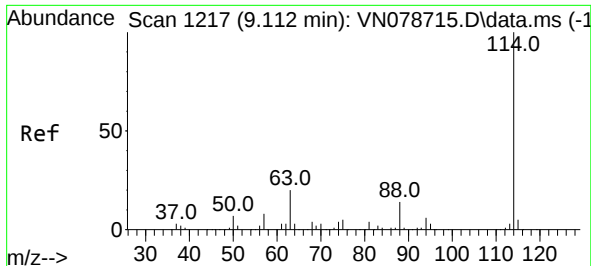
Tgt Ion:128 Resp: 103882
Ion Ratio Lower Upper
128 100
49 151.4 0.0 370.8
130 129.1 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 30.489 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

Tgt Ion: 65 Resp: 237412
Ion Ratio Lower Upper
65 100
67 52.4 42.9 64.3

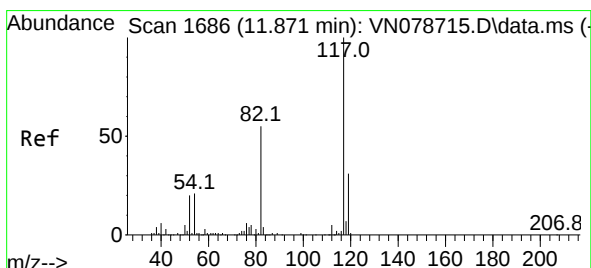
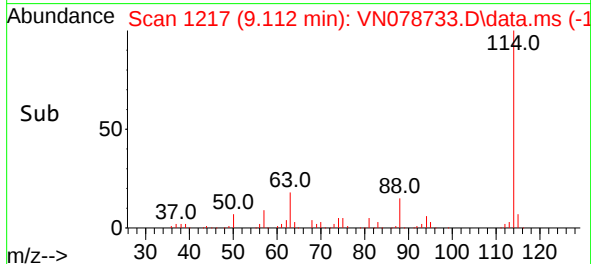
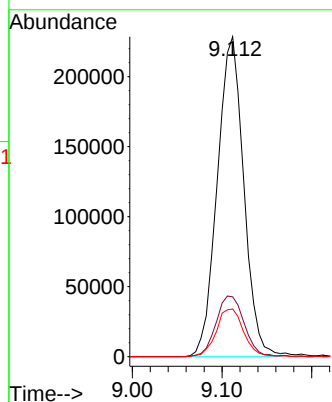
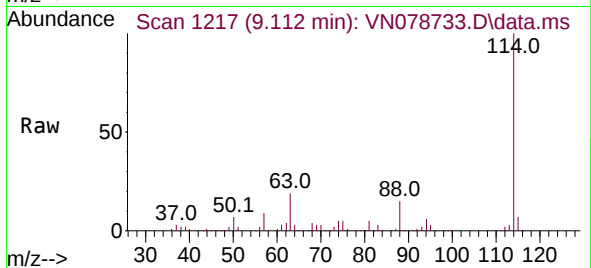




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

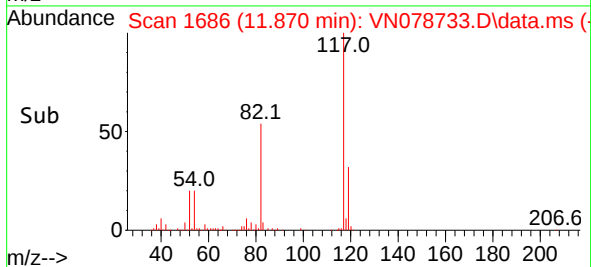
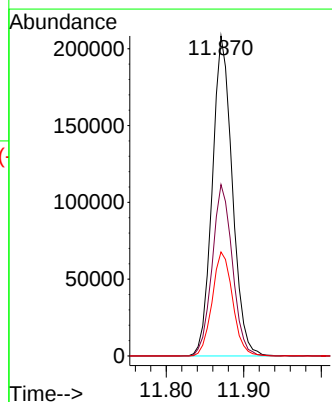
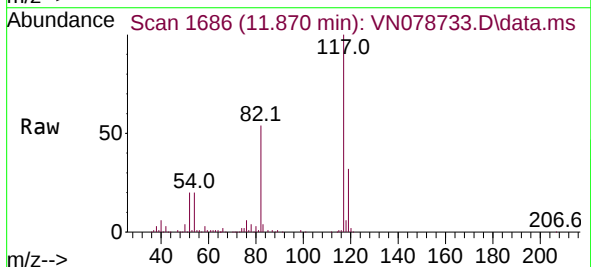
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL02

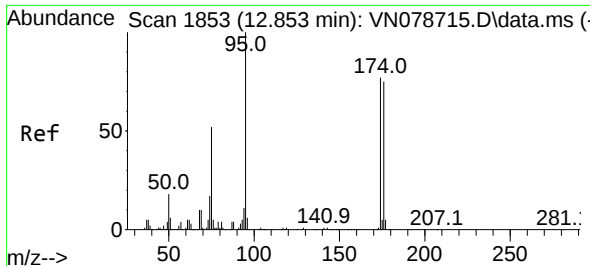
Tgt Ion:114 Resp: 467340
Ion Ratio Lower Upper
114 100
63 20.2 15.2 22.8
88 15.5 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

Tgt Ion:117 Resp: 374090
Ion Ratio Lower Upper
117 100
82 54.2 43.9 65.9
119 33.1 26.2 39.4

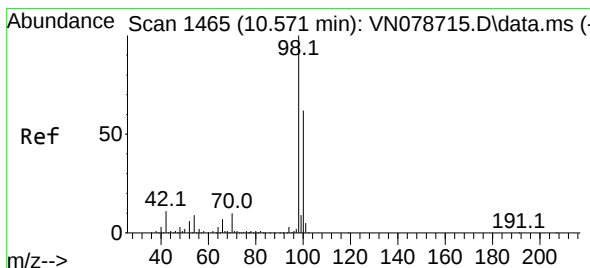
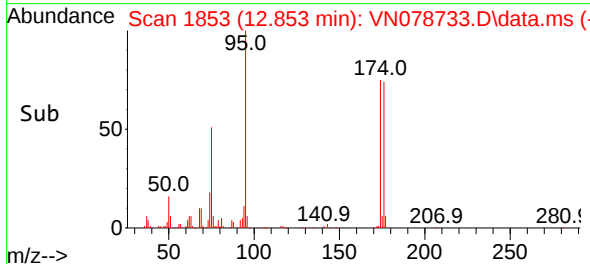
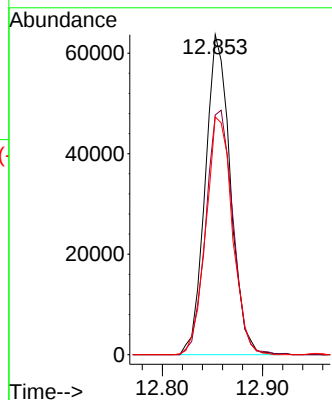
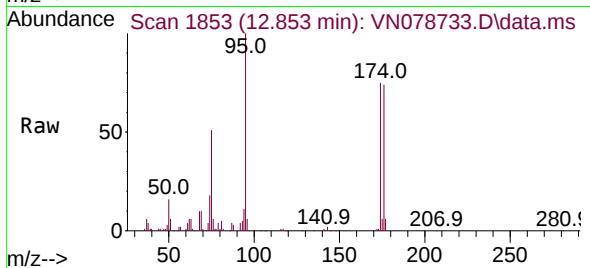




#60
4-Bromofluorobenzene
Concen: 19.777 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBL02

Tgt Ion: 95 Resp: 110877
Ion Ratio Lower Upper
95 100
174 81.6 61.7 92.5
176 78.5 58.1 87.1



#63
Toluene-d8
Concen: 30.154 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078733.D
Acq: 02 Aug 2023 16:26

Tgt Ion: 98 Resp: 557236
Ion Ratio Lower Upper
98 100
100 62.7 49.7 74.5

