

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078856.D
 Acq On : 11 Aug 2023 10:57
 Operator : JC\MD
 Sample : VN0811WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBL01

Quant Time: Aug 12 01:39:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	31802	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	160874	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	129639	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	76668	29.945	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.800%
60) 4-Bromofluorobenzene	12.859	95	38696	21.265	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	70.867%
63) Toluene-d8	10.576	98	190091	29.923	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.733%

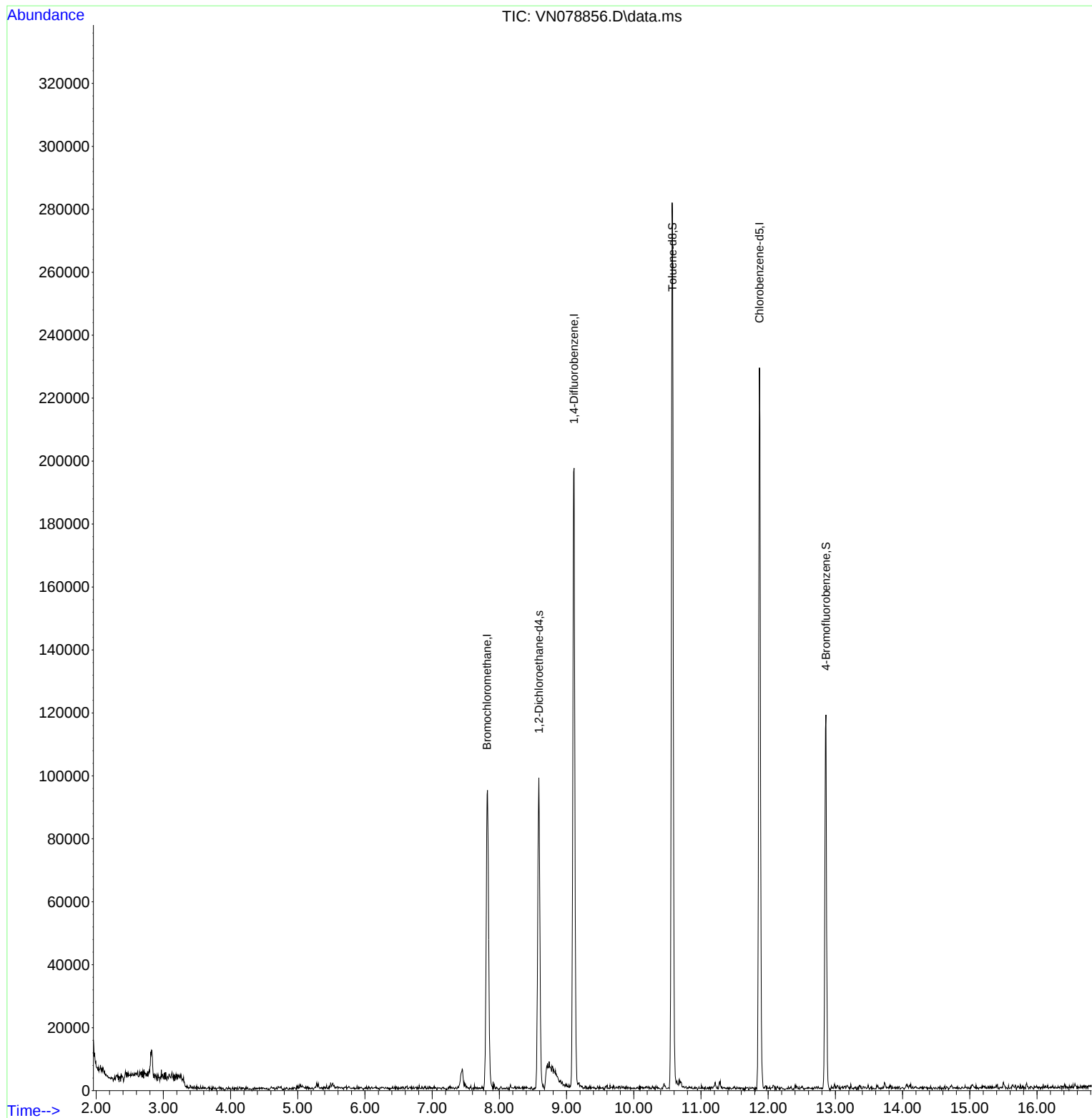
Target Compounds	Qvalue

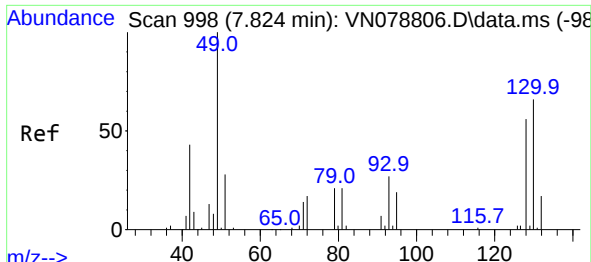
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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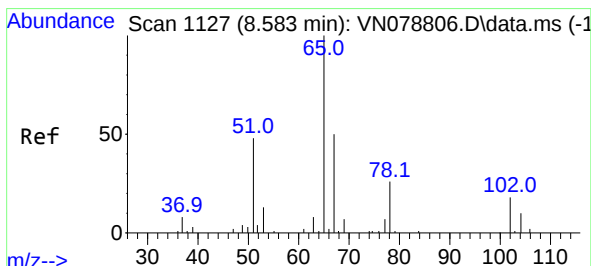
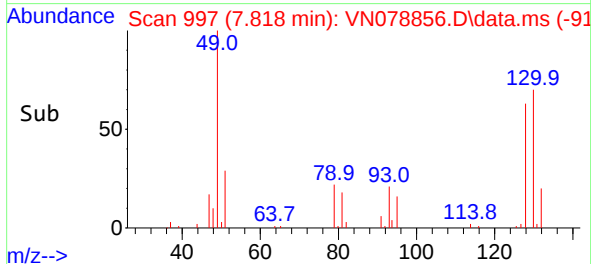
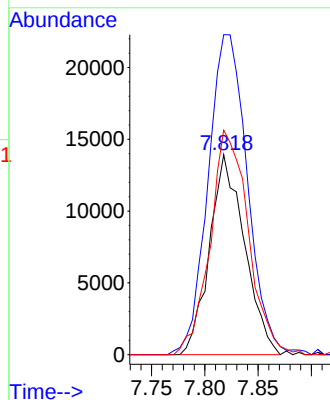
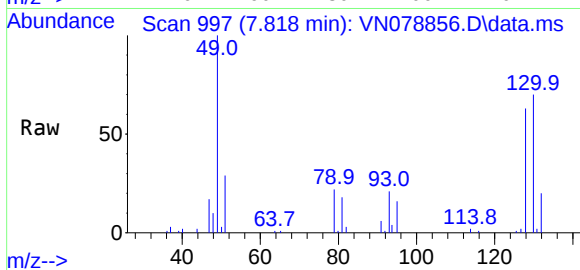




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078856.D
Acq: 11 Aug 2023 10:57

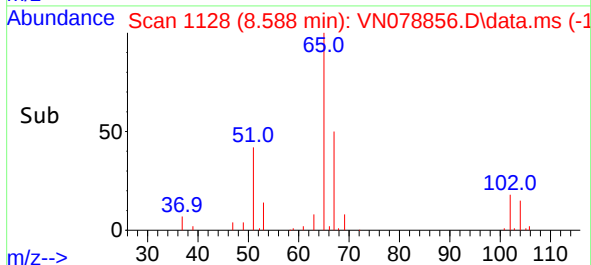
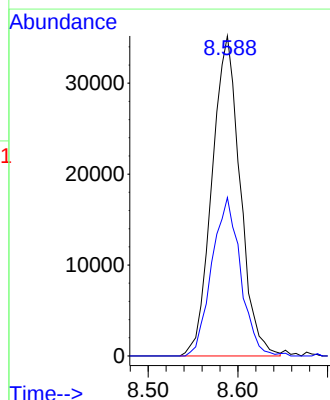
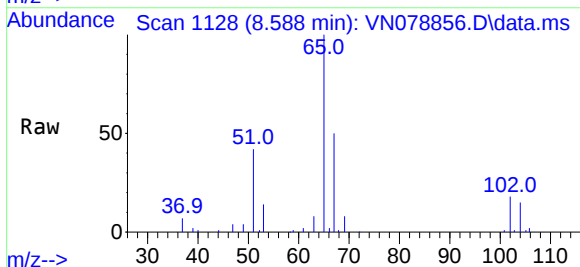
Instrument :
MSVOA_N
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VN0811WBL01

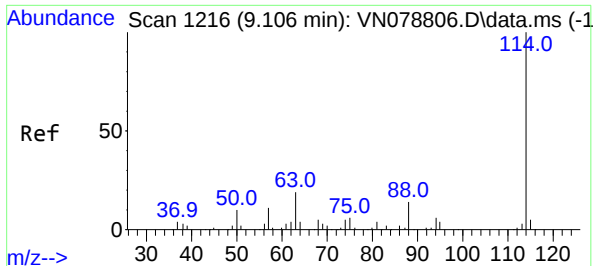
Tgt Ion:128 Resp: 31802
Ion Ratio Lower Upper
128 100
49 179.3 0.0 370.8
130 122.6 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 29.945 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078856.D
Acq: 11 Aug 2023 10:57

Tgt Ion: 65 Resp: 76668
Ion Ratio Lower Upper
65 100
67 50.3 42.9 64.3

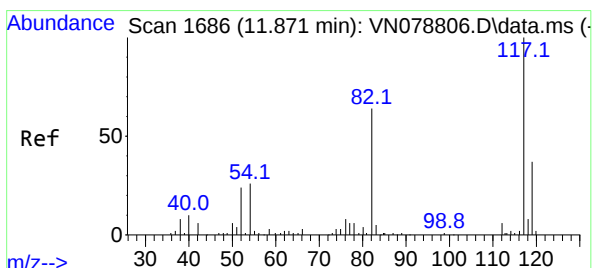
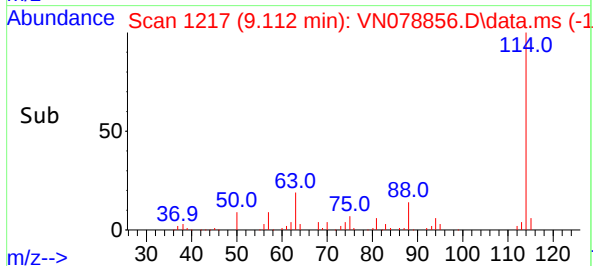
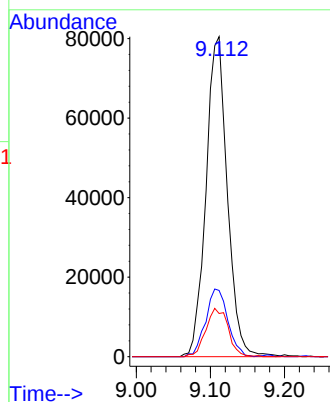
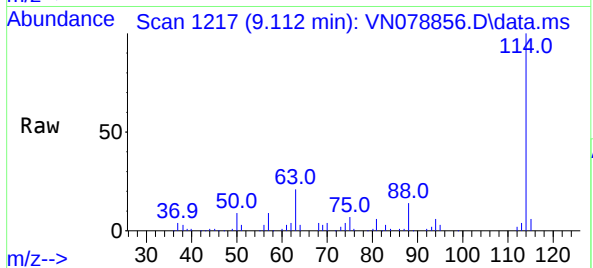




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078856.D
Acq: 11 Aug 2023 10:57

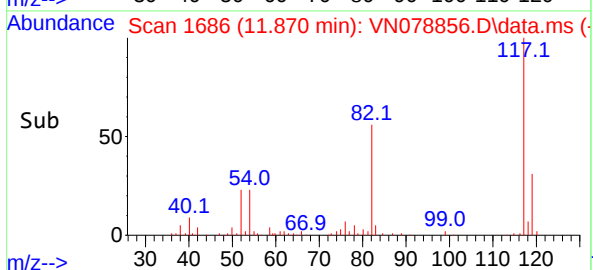
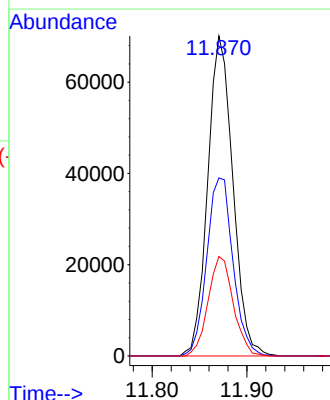
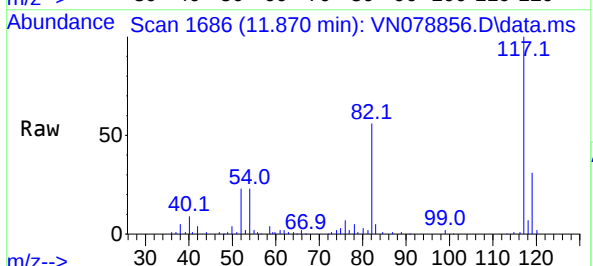
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

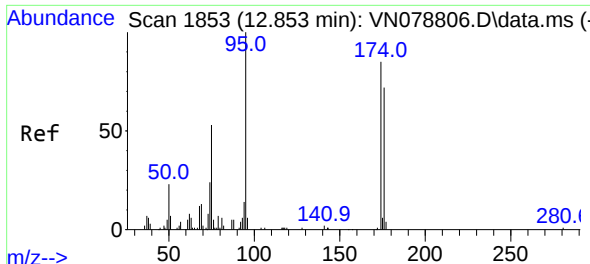
Tgt Ion:114 Resp: 160874
Ion Ratio Lower Upper
114 100
63 22.2 15.2 22.8
88 15.9 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078856.D
Acq: 11 Aug 2023 10:57

Tgt Ion:117 Resp: 129639
Ion Ratio Lower Upper
117 100
82 58.2 43.9 65.9
119 31.1 26.2 39.4

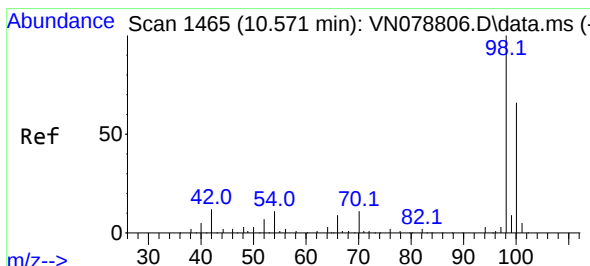
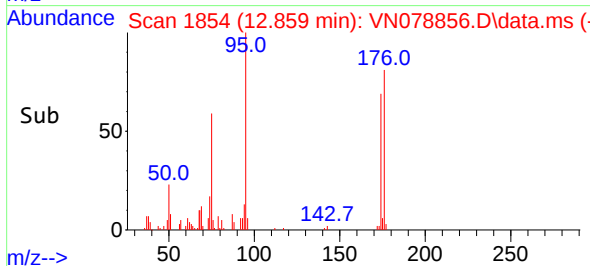
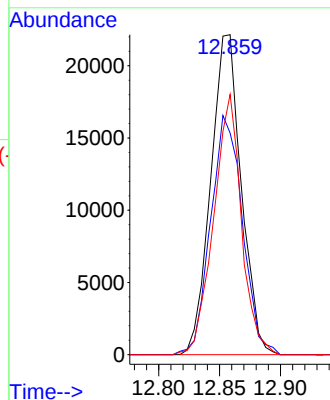
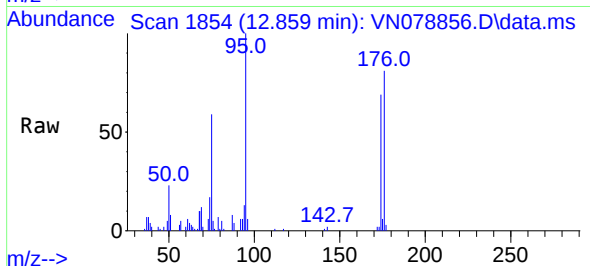




#60
4-Bromofluorobenzene
Concen: 21.265 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078856.D
Acq: 11 Aug 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

Tgt Ion: 95 Resp: 38696
Ion Ratio Lower Upper
95 100
174 77.8 61.7 92.5
176 73.8 58.1 87.1



#63
Toluene-d8
Concen: 29.923 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078856.D
Acq: 11 Aug 2023 10:57

Tgt Ion: 98 Resp: 190091
Ion Ratio Lower Upper
98 100
100 64.8 49.7 74.5

