

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076888.D
 Acq On : 08 Mar 2023 19:59
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 09 03:48:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 03:46:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	44655	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	314811	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	342405	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	126762	30.792	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.633%	
60) 4-Bromofluorobenzene	12.854	95	173772	28.423	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.733%	
63) Toluene-d8	10.572	98	346908	28.913	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 96.367%	

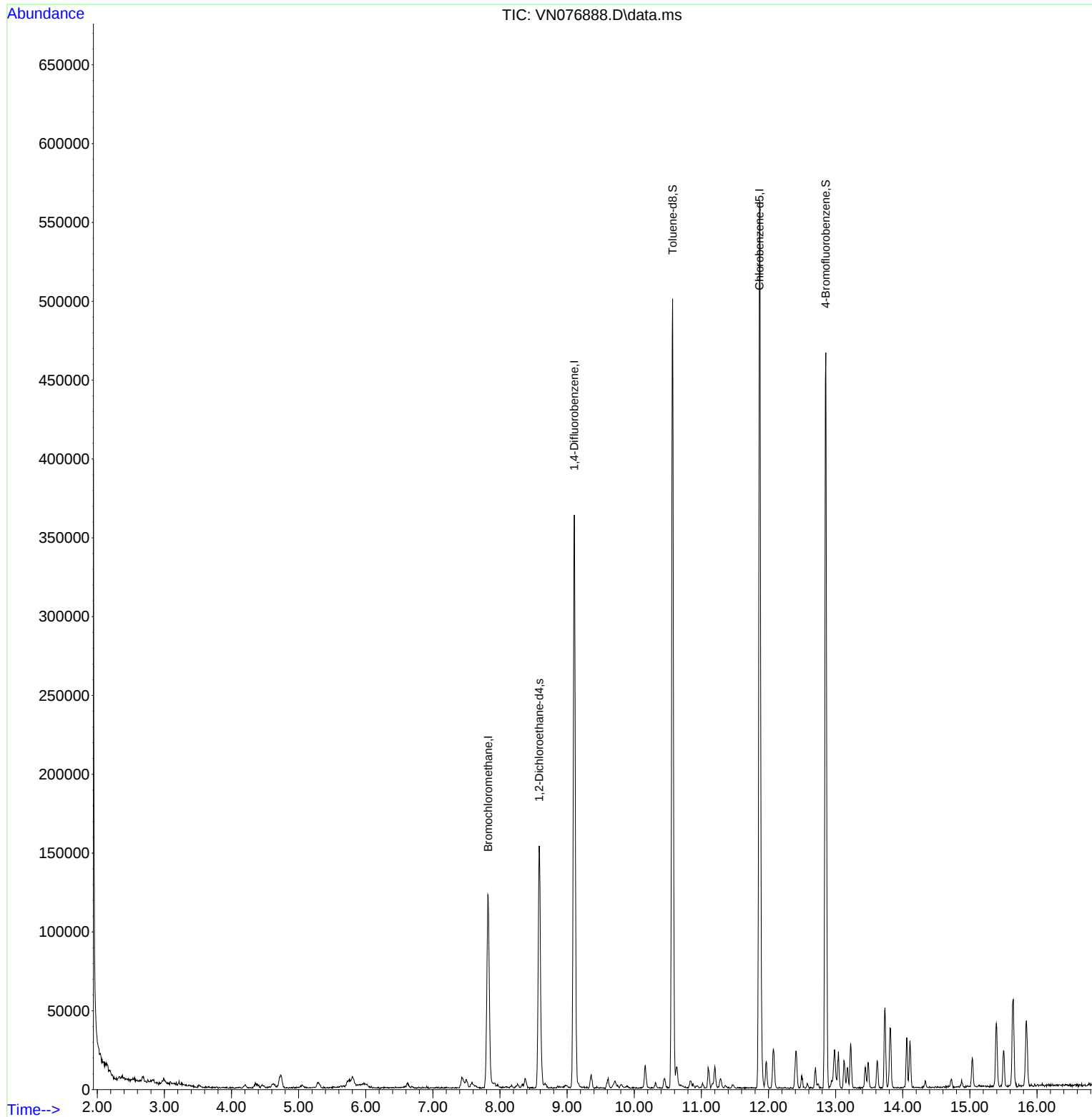
Target Compounds	Qvalue

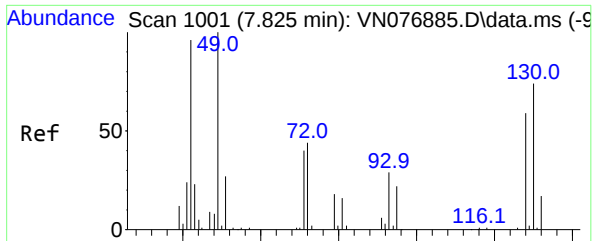
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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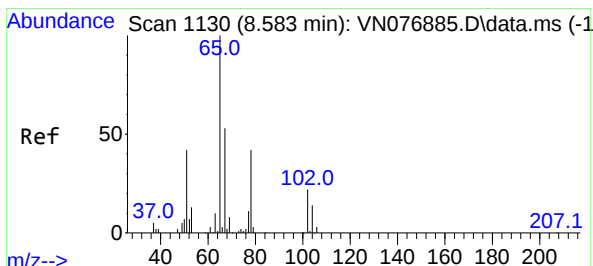
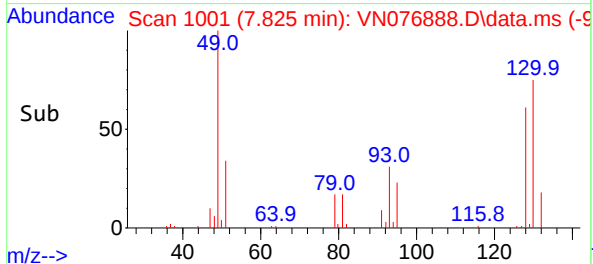
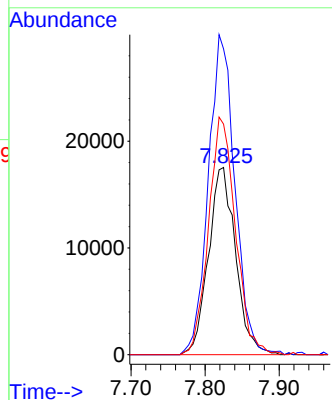
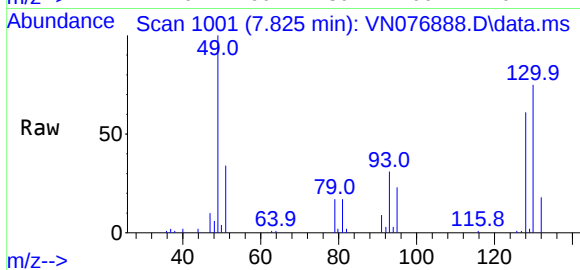




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN076888.D
Acq: 08 Mar 2023 19:59

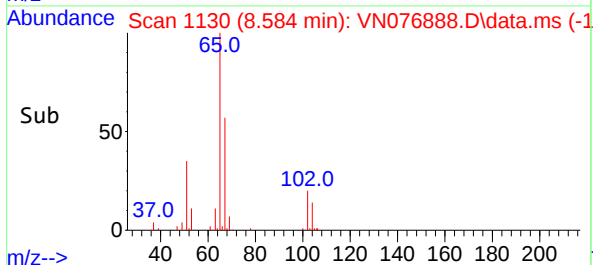
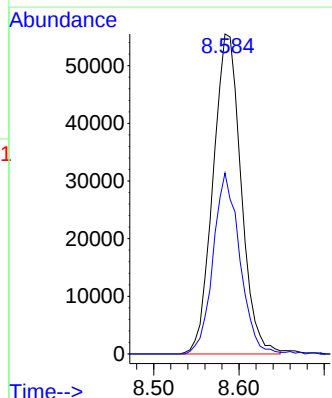
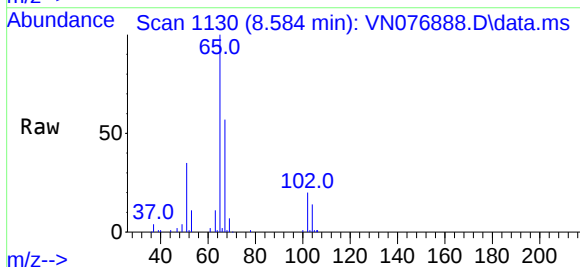
Instrument :
MSVOA_N
ClientSampleId :
IBLK

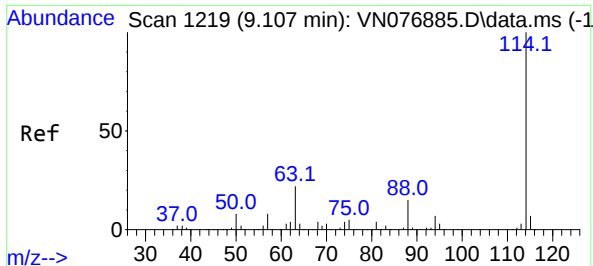
Tgt Ion:128 Resp: 44655
Ion Ratio Lower Upper
128 100
49 167.1 0.0 461.8
130 126.1 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 30.792 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076888.D
Acq: 08 Mar 2023 19:59

Tgt Ion: 65 Resp: 126762
Ion Ratio Lower Upper
65 100
67 53.6 40.9 61.3

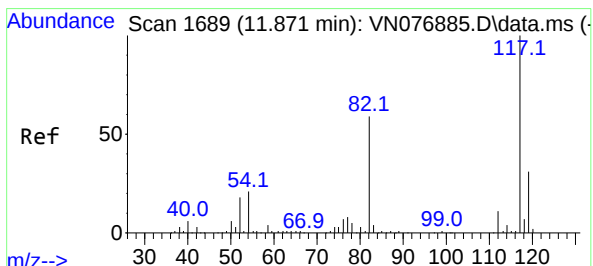
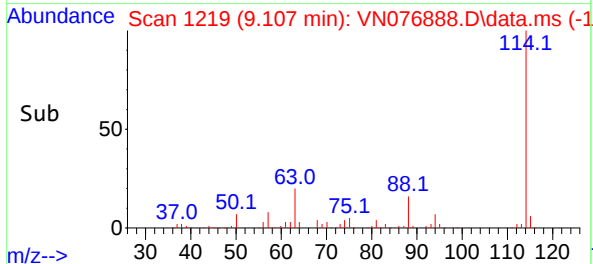
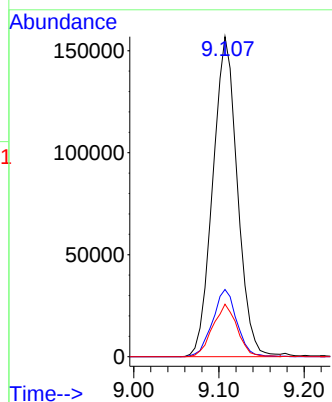
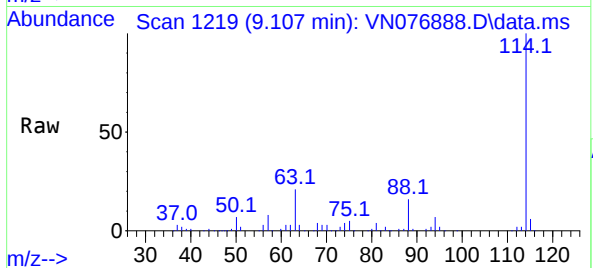




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076888.D
Acq: 08 Mar 2023 19:59

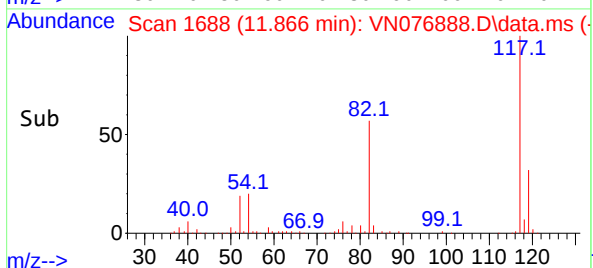
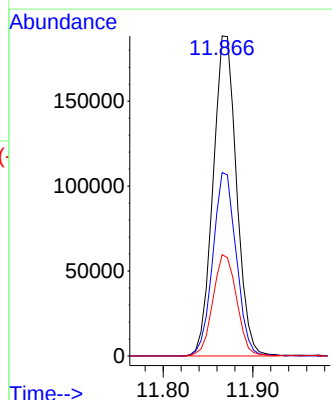
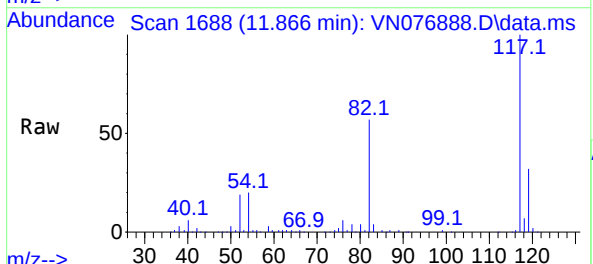
Instrument :
MSVOA_N
ClientSampleId :
IBLK

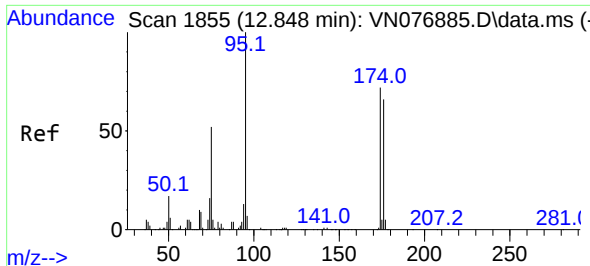
Tgt Ion:114 Resp: 314811
Ion Ratio Lower Upper
114 100
63 20.7 17.0 25.4
88 16.2 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076888.D
Acq: 08 Mar 2023 19:59

Tgt Ion:117 Resp: 342405
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 32.0 26.8 40.2

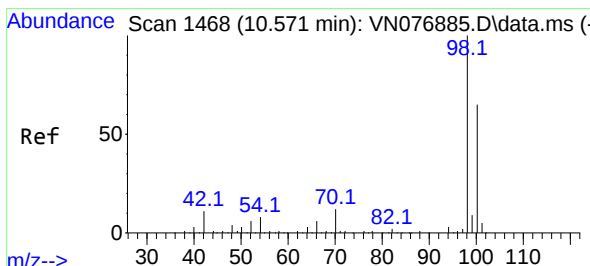
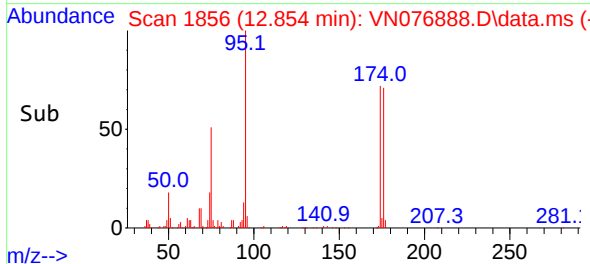
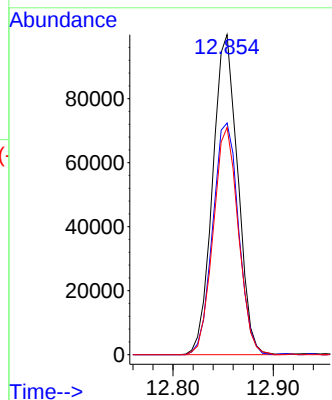
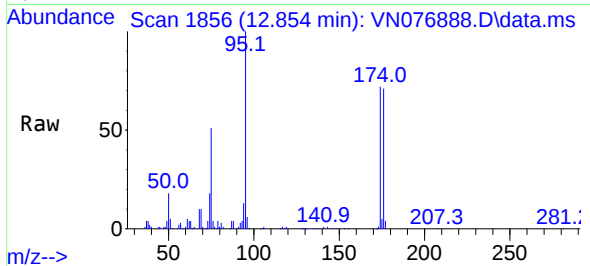




#60
4-Bromofluorobenzene
Concen: 28.423 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076888.D
Acq: 08 Mar 2023 19:59

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 173772
Ion Ratio Lower Upper
95 100
174 74.5 64.2 96.4
176 71.0 61.4 92.0



#63
Toluene-d8
Concen: 28.913 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN076888.D
Acq: 08 Mar 2023 19:59

Tgt Ion: 98 Resp: 346908
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6

