

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076681.D
 Acq On : 15 Feb 2023 12:23
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 15 13:17:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 15 13:12:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	37934	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	257646	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	264093	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	102757	29.617	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.733%
60) 4-Bromofluorobenzene	12.854	95	120654	25.829	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.100%
63) Toluene-d8	10.571	98	275924	29.829	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.433%

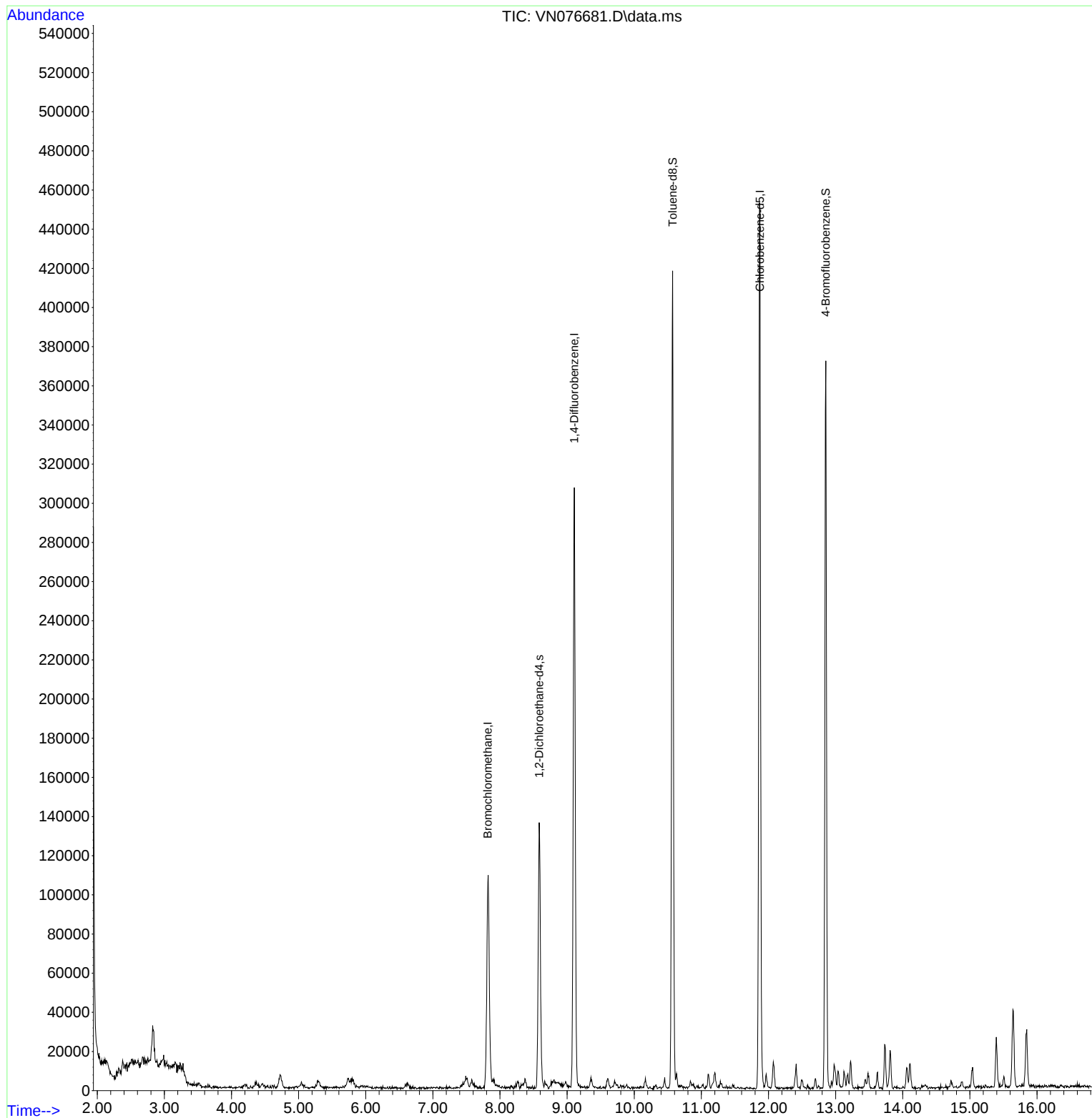
Target Compounds	Qvalue

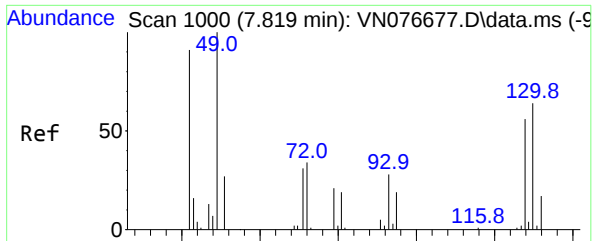
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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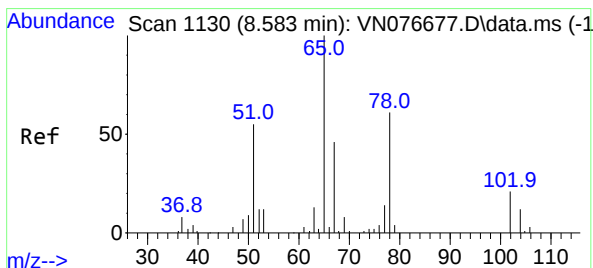
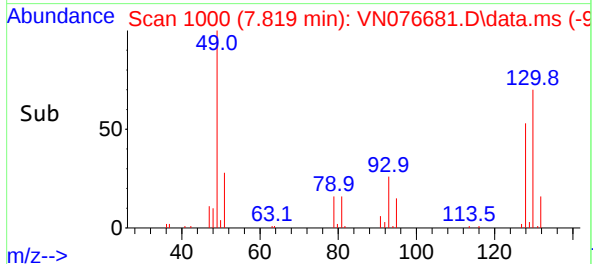
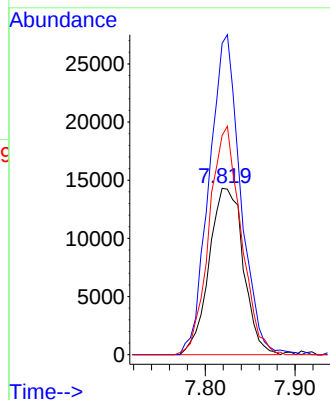
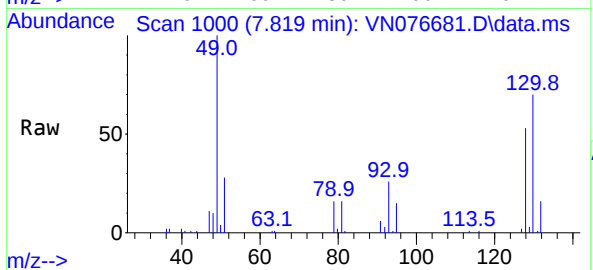




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

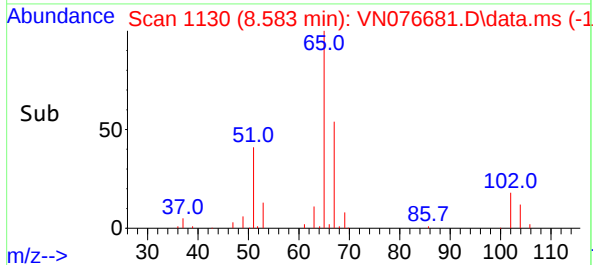
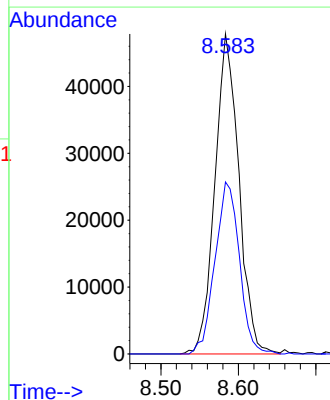
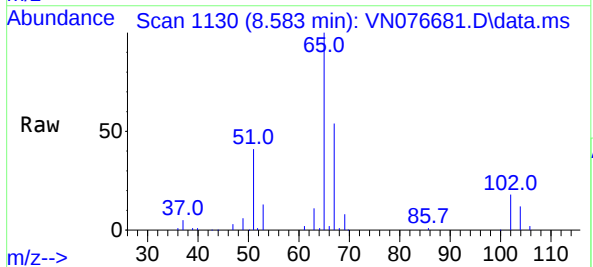
Instrument :
MSVOA_N
ClientSampleId :
IBLK

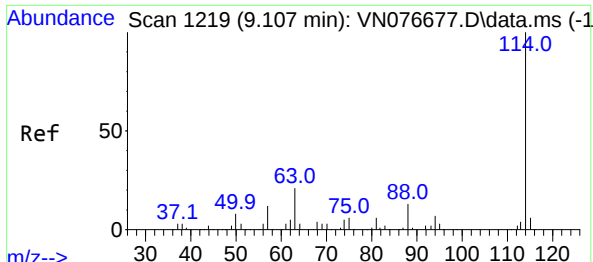
Tgt Ion:128 Resp: 37934
Ion Ratio Lower Upper
128 100
49 176.5 0.0 461.8
130 127.9 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 29.617 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 65 Resp: 102757
Ion Ratio Lower Upper
65 100
67 54.8 40.9 61.3

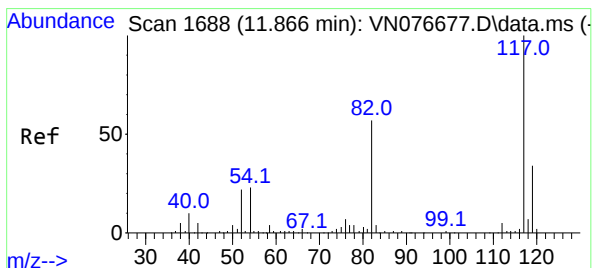
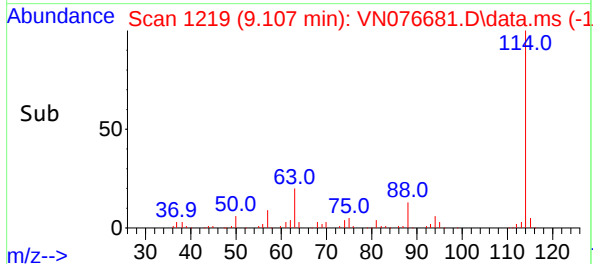
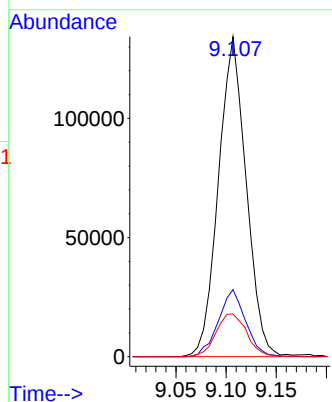
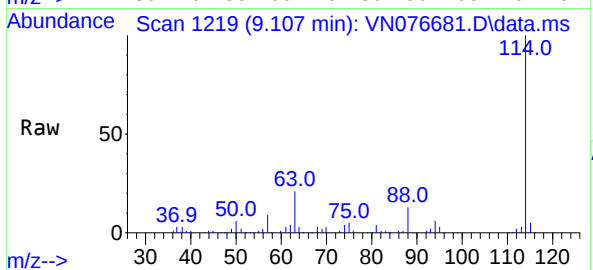




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

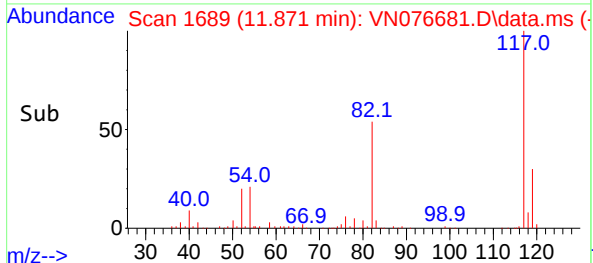
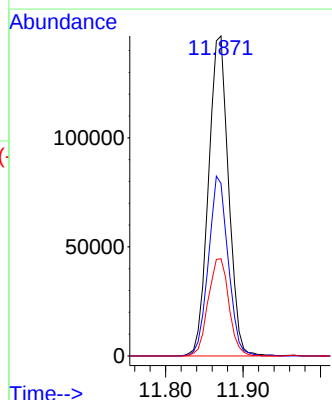
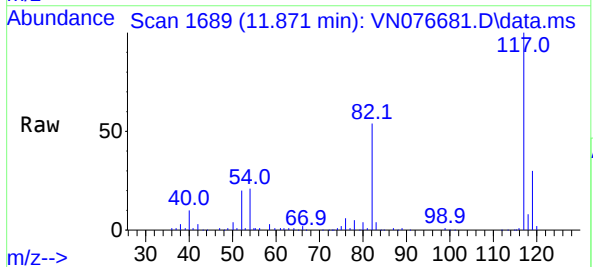
Instrument :
MSVOA_N
ClientSampleId :
IBLK

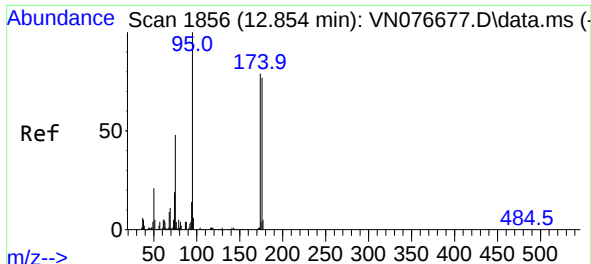
Tgt Ion:114 Resp: 257646
Ion Ratio Lower Upper
114 100
63 20.6 17.0 25.4
88 14.8 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion:117 Resp: 264093
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 31.4 26.8 40.2

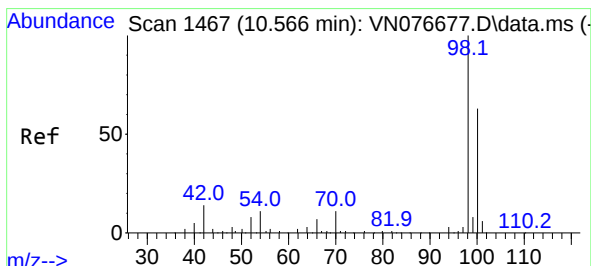
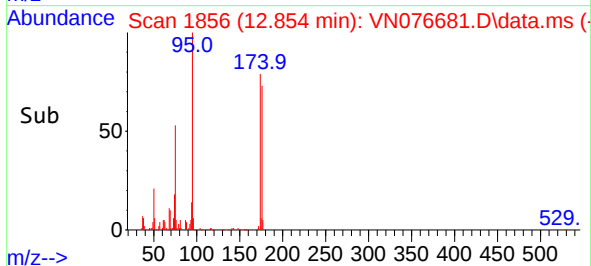
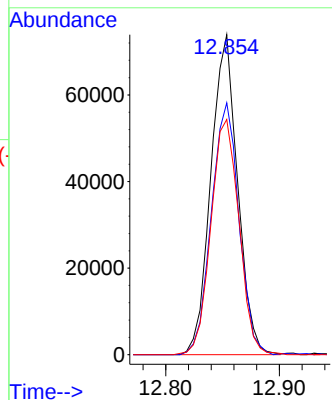
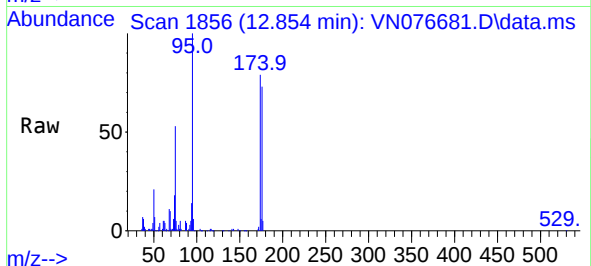




#60
4-Bromofluorobenzene
Concen: 25.829 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 120654
Ion Ratio Lower Upper
95 100
174 81.3 64.2 96.4
176 77.2 61.4 92.0



#63
Toluene-d8
Concen: 29.829 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076681.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 98 Resp: 275924
Ion Ratio Lower Upper
98 100
100 65.1 53.8 80.6

