

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031623\
 Data File : VN077022.D
 Acq On : 16 Mar 2023 15:41
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 17 03:24:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	43220	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	303416	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	310043	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	128725	32.403	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.000%
60) 4-Bromofluorobenzene	12.854	95	152720	26.026	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.767%
63) Toluene-d8	10.572	98	327925	30.071	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.233%

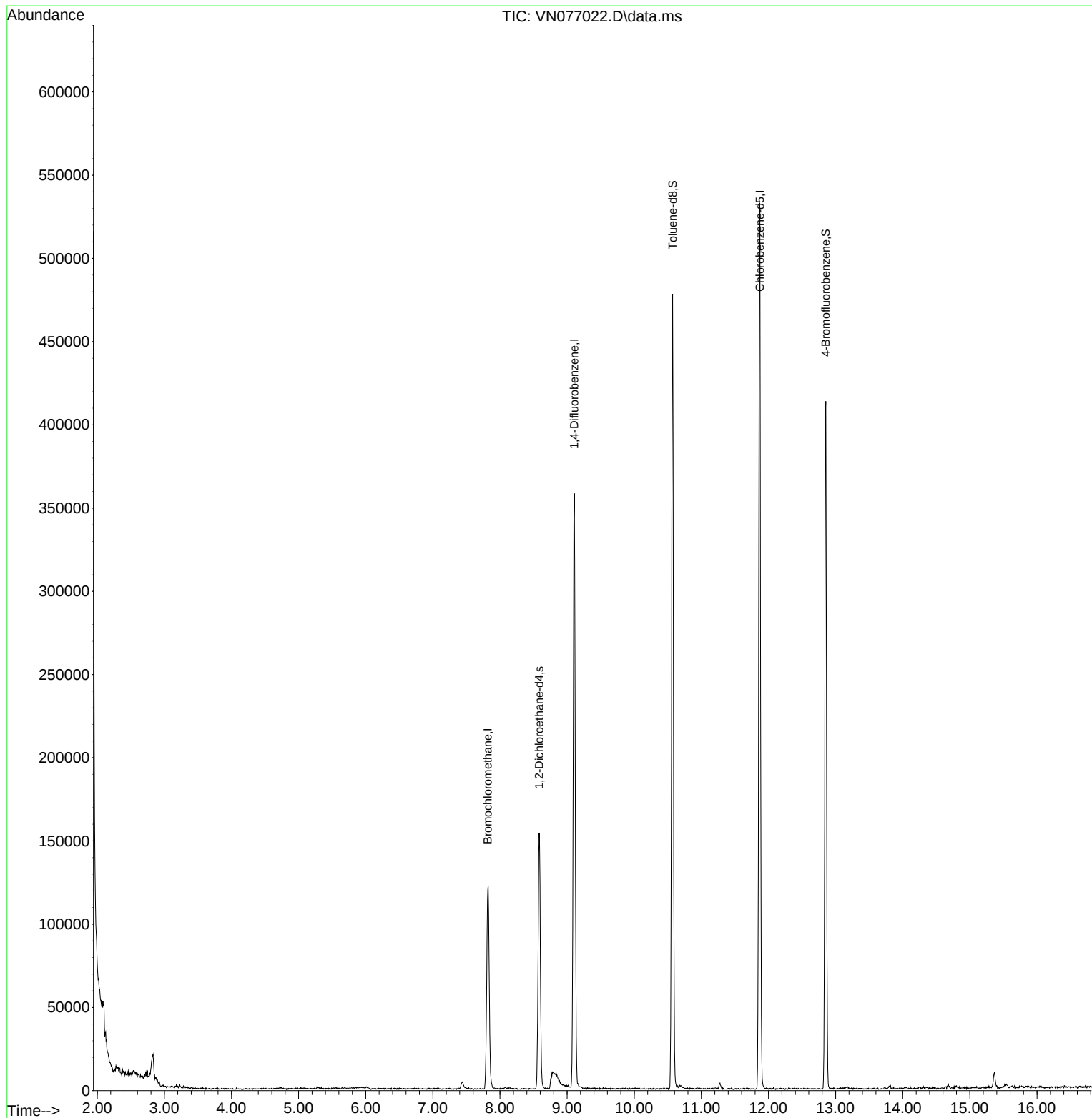
Target Compounds	Qvalue

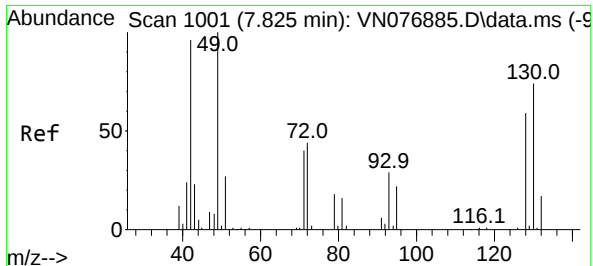
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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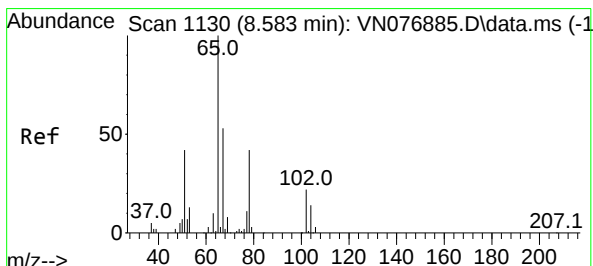
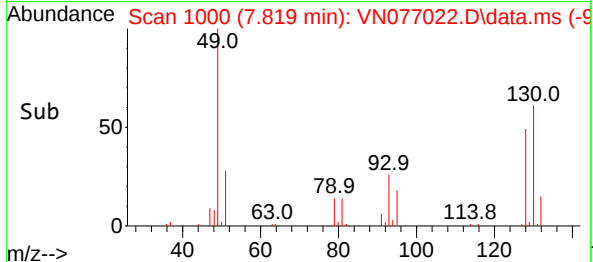
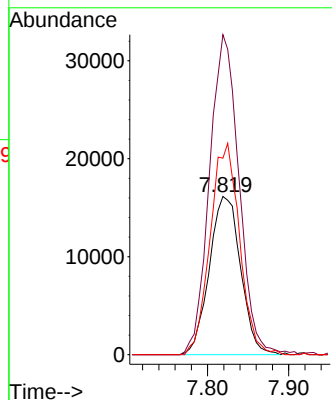
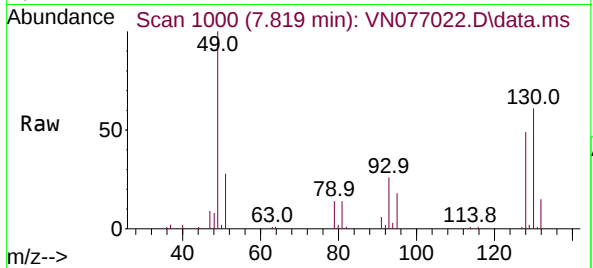




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077022.D
Acq: 16 Mar 2023 15:41

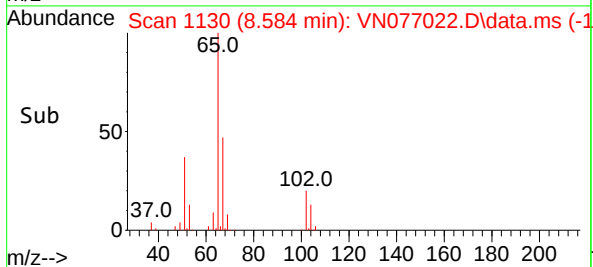
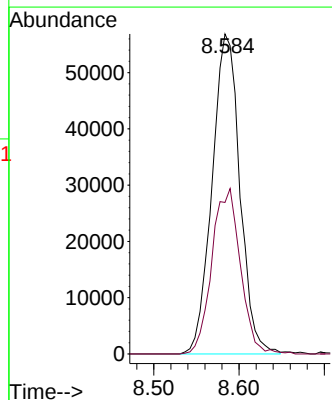
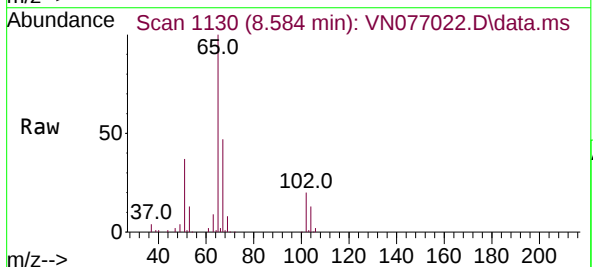
Instrument :
MSVOA_N
ClientSampleId :
IBLK

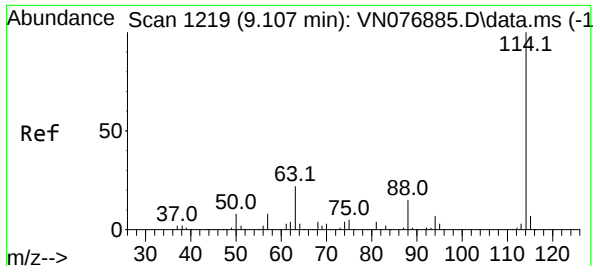
Tgt Ion:128 Resp: 43220
Ion Ratio Lower Upper
128 100
49 191.2 0.0 461.8
130 125.4 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 32.403 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077022.D
Acq: 16 Mar 2023 15:41

Tgt Ion: 65 Resp: 128725
Ion Ratio Lower Upper
65 100
67 52.5 40.9 61.3

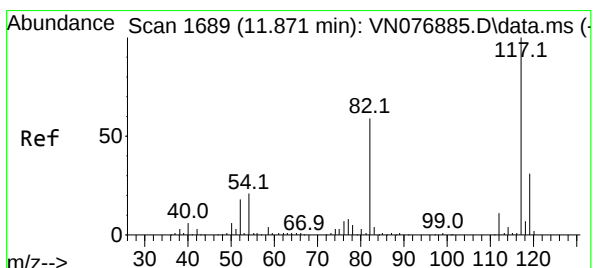
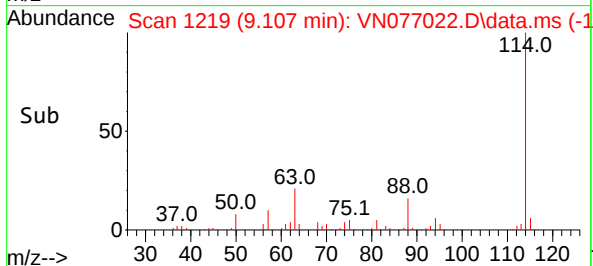
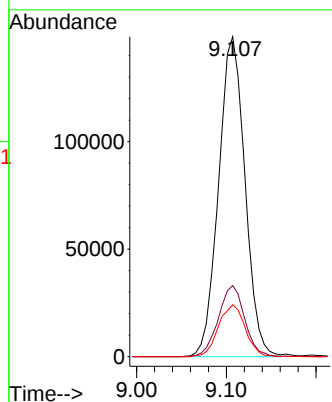
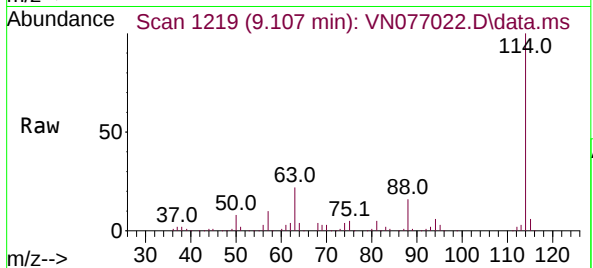




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077022.D
Acq: 16 Mar 2023 15:41

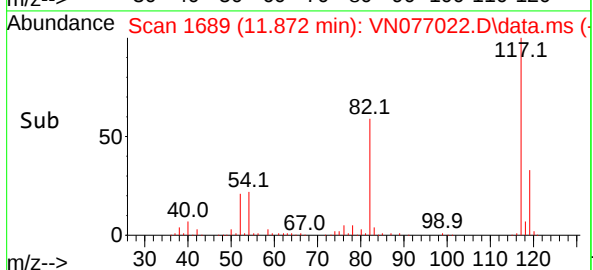
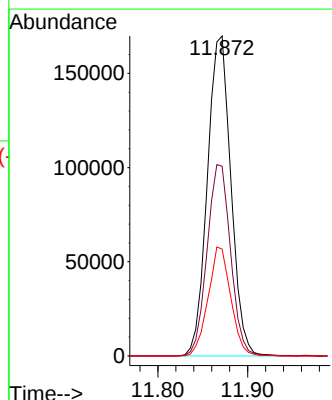
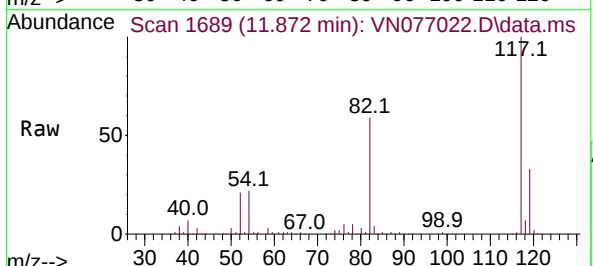
Instrument :
MSVOA_N
ClientSampleId :
IBLK

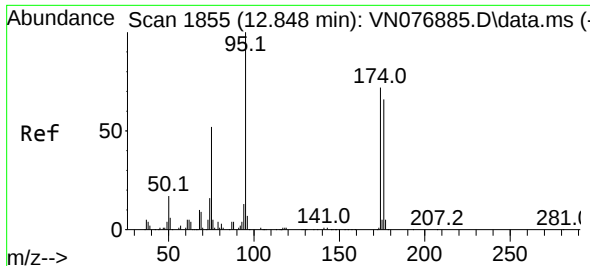
Tgt Ion:114 Resp: 303416
Ion Ratio Lower Upper
114 100
63 22.3 17.0 25.4
88 16.4 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077022.D
Acq: 16 Mar 2023 15:41

Tgt Ion:117 Resp: 310043
Ion Ratio Lower Upper
117 100
82 59.7 45.4 68.0
119 32.8 26.8 40.2

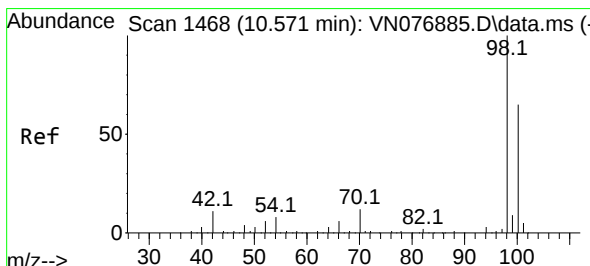
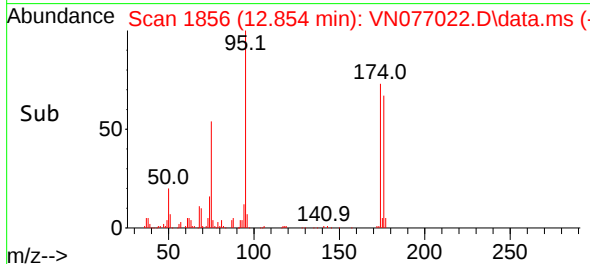
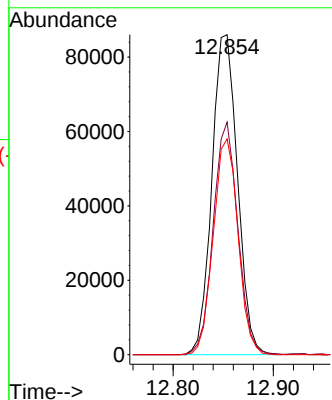
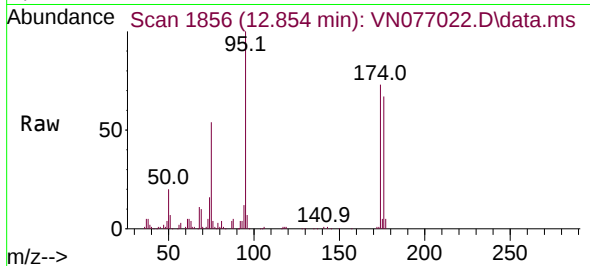




#60
4-Bromofluorobenzene
Concen: 26.026 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077022.D
Acq: 16 Mar 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 152720
Ion Ratio Lower Upper
95 100
174 69.7 64.2 96.4
176 65.2 61.4 92.0



#63
Toluene-d8
Concen: 30.071 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077022.D
Acq: 16 Mar 2023 15:41

Tgt Ion: 98 Resp: 327925
Ion Ratio Lower Upper
98 100
100 65.1 53.8 80.6

