

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038709.D
 Acq On : 23 Mar 2022 8:35
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 24 02:54:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.645	49	709679	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.150	114	1917244	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.056	117	1608879	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.384	95	1186389	9.618	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%

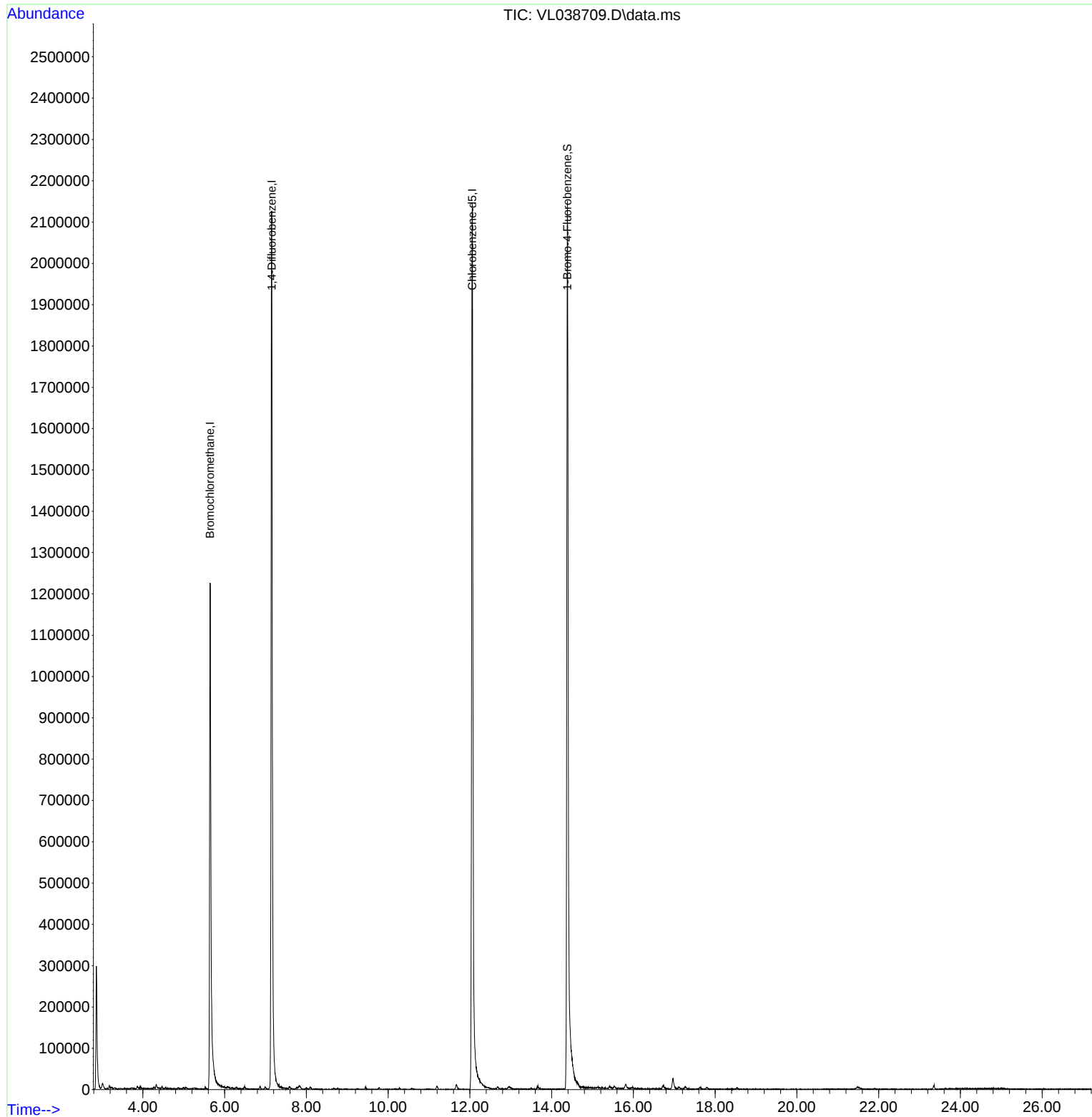
Target Compounds	Qvalue

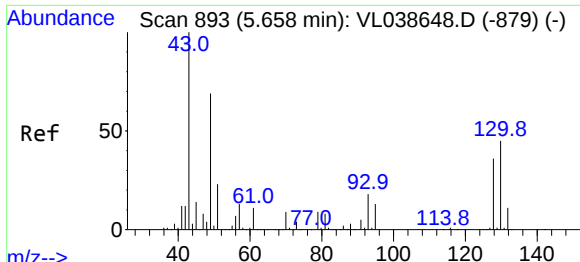
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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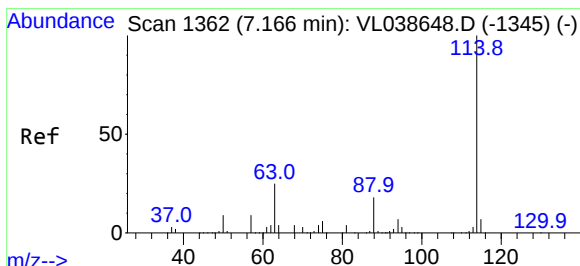
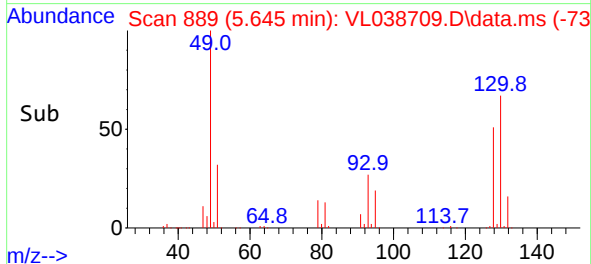
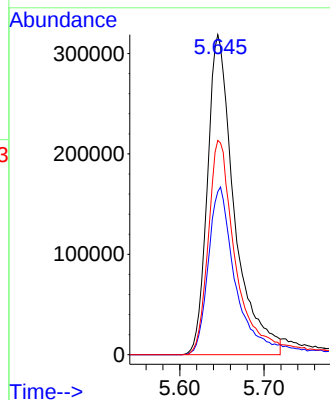
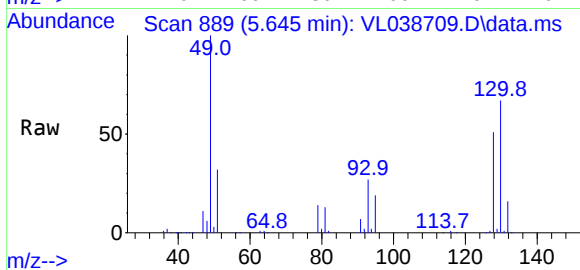




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL038709.D
Acq: 23 Mar 2022 8:35

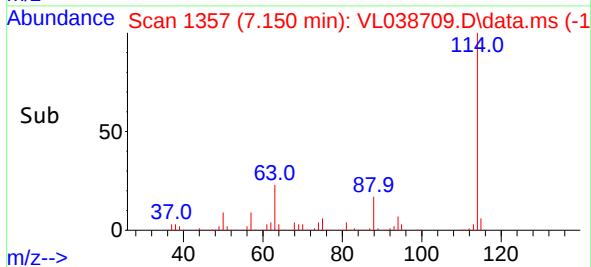
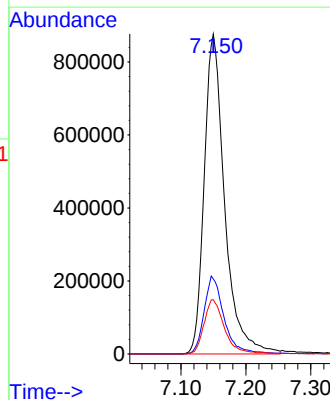
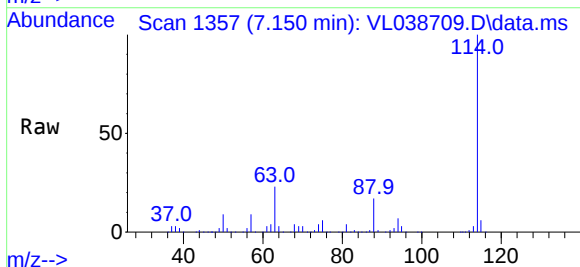
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

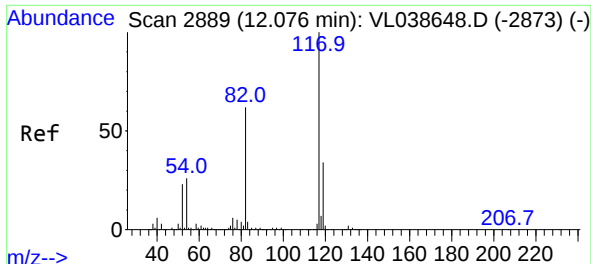
Tgt Ion: 49 Resp: 709679
Ion Ratio Lower Upper
49 100
128 56.4 26.2 78.6
130 71.5 33.7 101.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.150 min Scan# 1357
Delta R.T. -0.016 min
Lab File: VL038709.D
Acq: 23 Mar 2022 8:35

Tgt Ion: 114 Resp: 1917244
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.0
88 17.3 13.9 20.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.056 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL038709.D

Acq: 23 Mar 2022 8:35

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

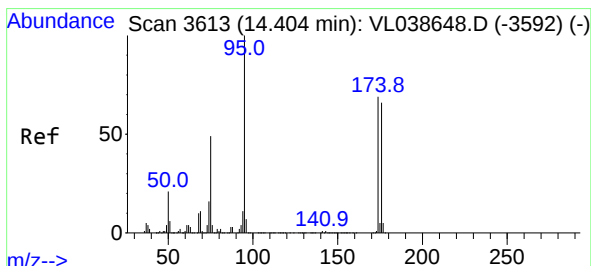
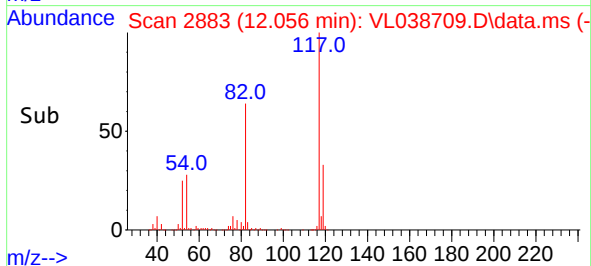
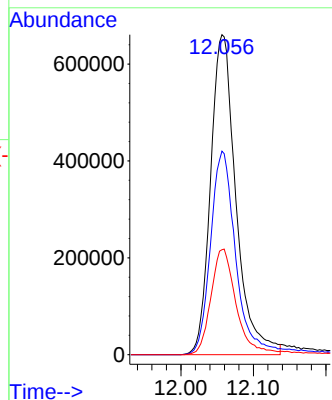
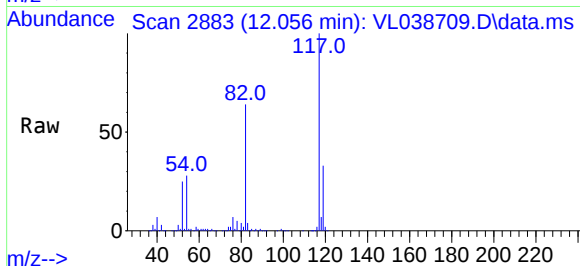
Tgt Ion:117 Resp: 1608879

Ion Ratio Lower Upper

117 100

82 66.4 51.6 77.4

119 33.9 26.9 40.3



#68

1-Bromo-4-Fluorobenzene

Concen: 9.618 ppbv

RT: 14.384 min Scan# 3607

Delta R.T. -0.019 min

Lab File: VL038709.D

Acq: 23 Mar 2022 8:35

Tgt Ion: 95 Resp: 1186389

Ion Ratio Lower Upper

95 100

174 74.2 56.1 84.1

175 5.3 4.2 6.2

