

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040412.D
 Acq On : 11 May 2023 22:38
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: May 12 05:59:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1169156	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	3152934	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2735355	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	2039491	9.017	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.200%

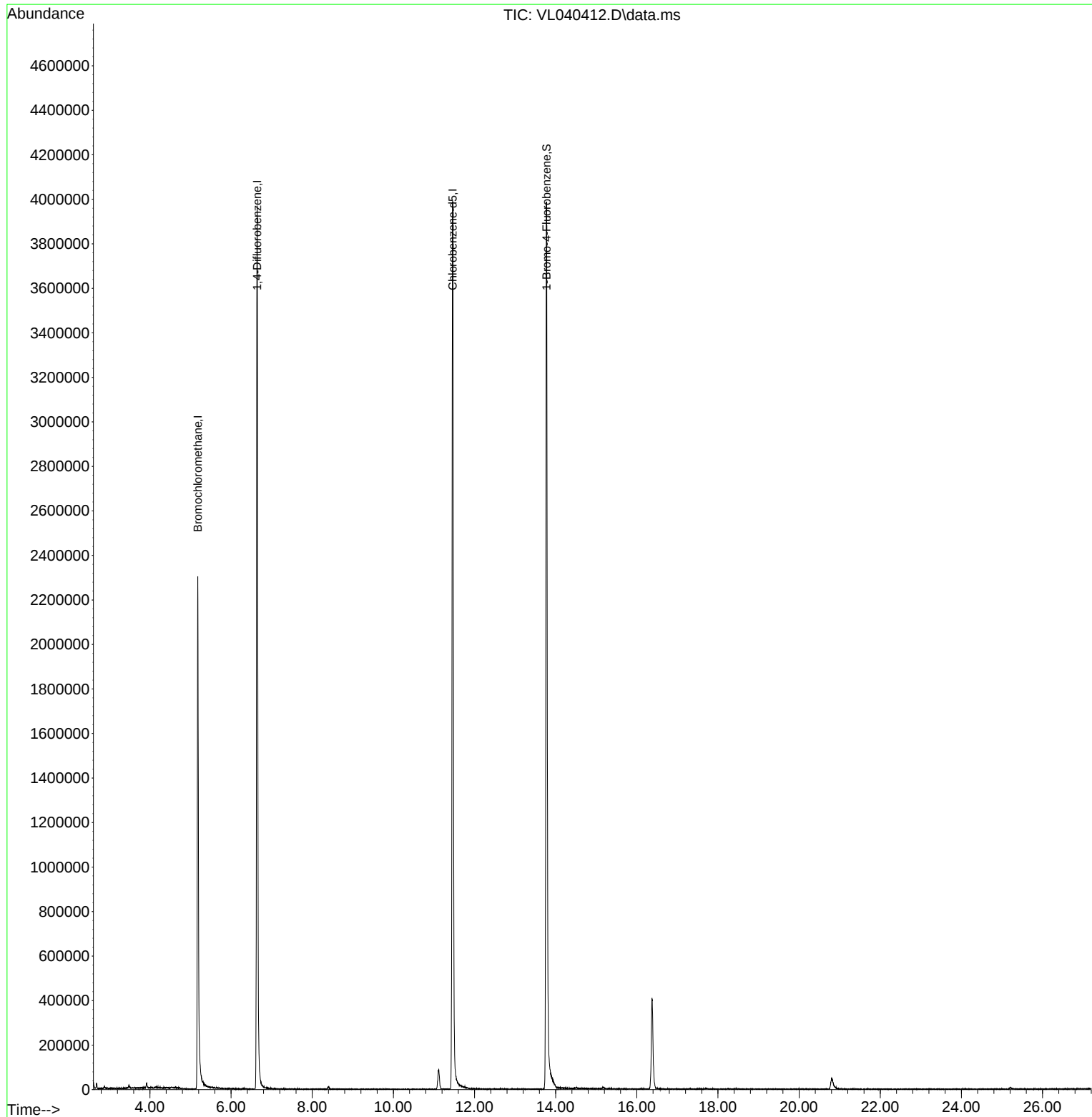
Target Compounds	Qvalue

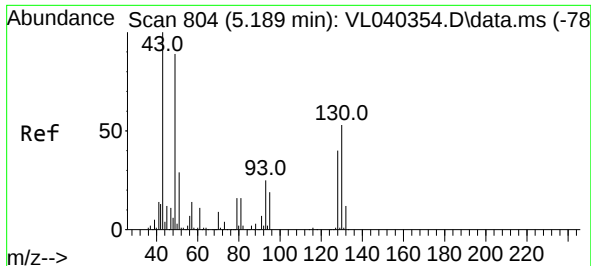
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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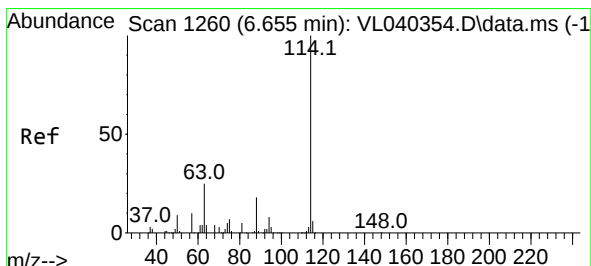
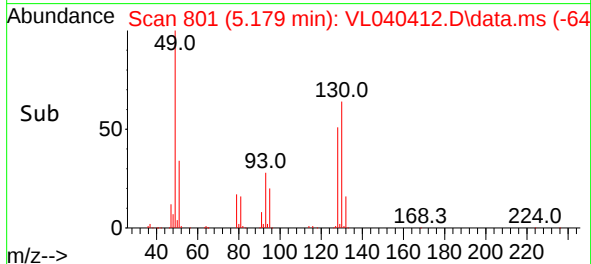
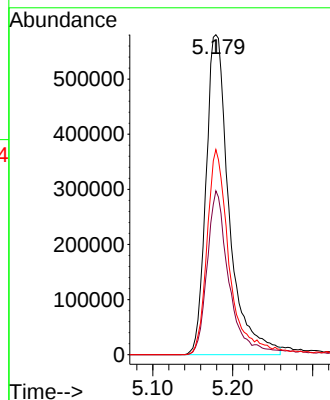
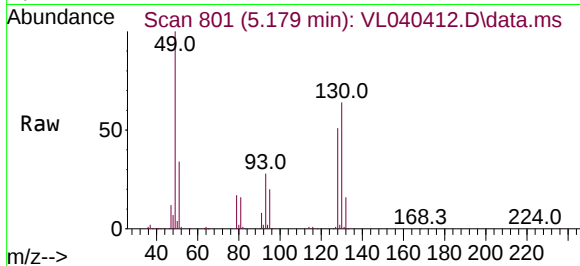




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040412.D
Acq: 11 May 2023 22:38

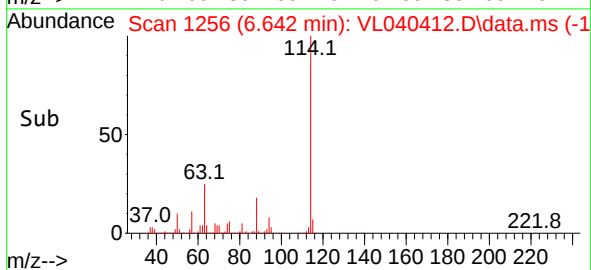
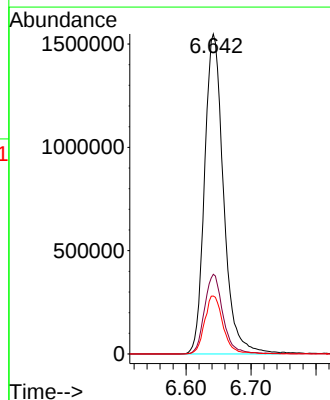
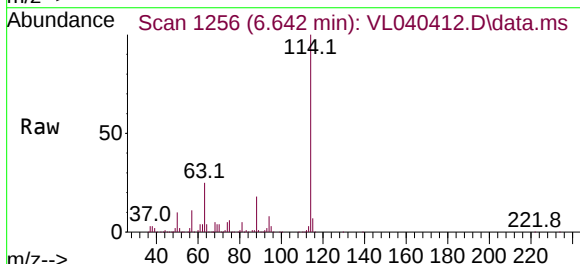
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

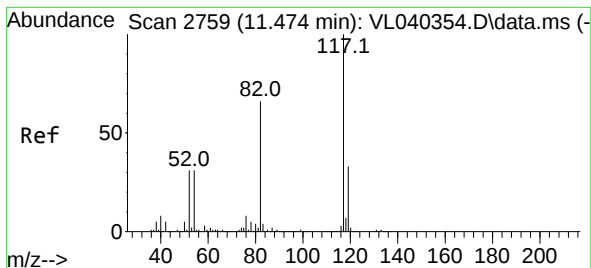
Tgt Ion: 49 Resp: 1169156
Ion Ratio Lower Upper
49 100
128 50.1 23.7 71.1
130 62.7 29.9 89.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VL040412.D
Acq: 11 May 2023 22:38

Tgt Ion: 114 Resp: 3152934
Ion Ratio Lower Upper
114 100
63 24.6 21.4 32.0
88 17.8 14.6 22.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 21

Delta R.T. -0.009 min

Lab File: VL040412.D

Acq: 11 May 2023 22:38

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

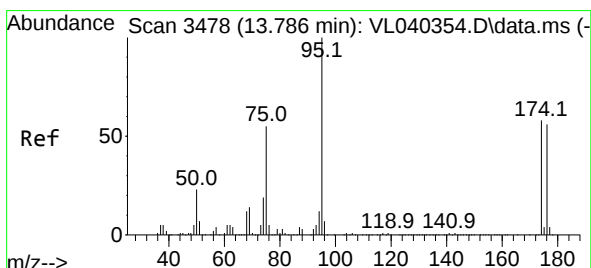
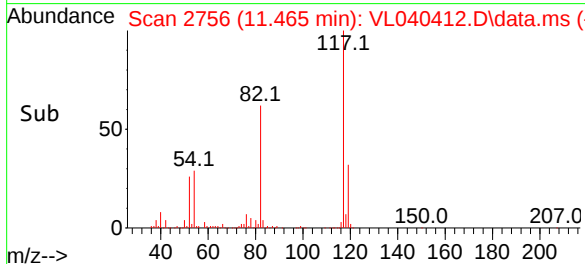
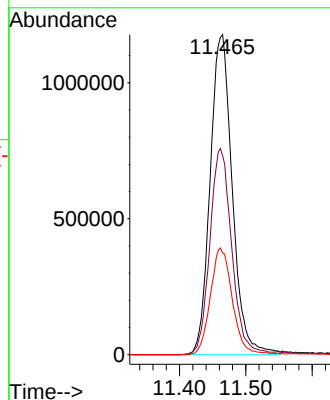
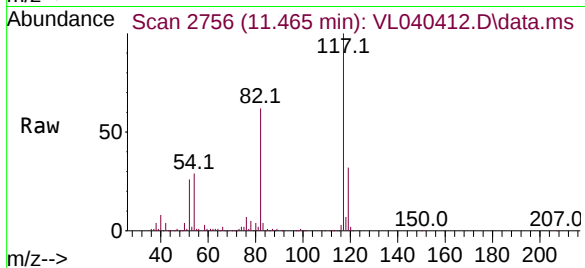
Tgt Ion:117 Resp: 2735355

Ion Ratio Lower Upper

117 100

82 64.4 52.5 78.7

119 33.1 24.3 36.5



#68

1-Bromo-4-Fluorobenzene

Concen: 9.017 ppbv

RT: 13.774 min Scan# 3474

Delta R.T. -0.012 min

Lab File: VL040412.D

Acq: 11 May 2023 22:38

Tgt Ion: 95 Resp: 2039491

Ion Ratio Lower Upper

95 100

174 65.2 47.2 70.8

175 4.7 3.5 5.3

