

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040212.D
 Acq On : 22 Feb 2023 8:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Feb 22 09:53:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	773884	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2011063	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	1794288	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1500424	10.169	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%

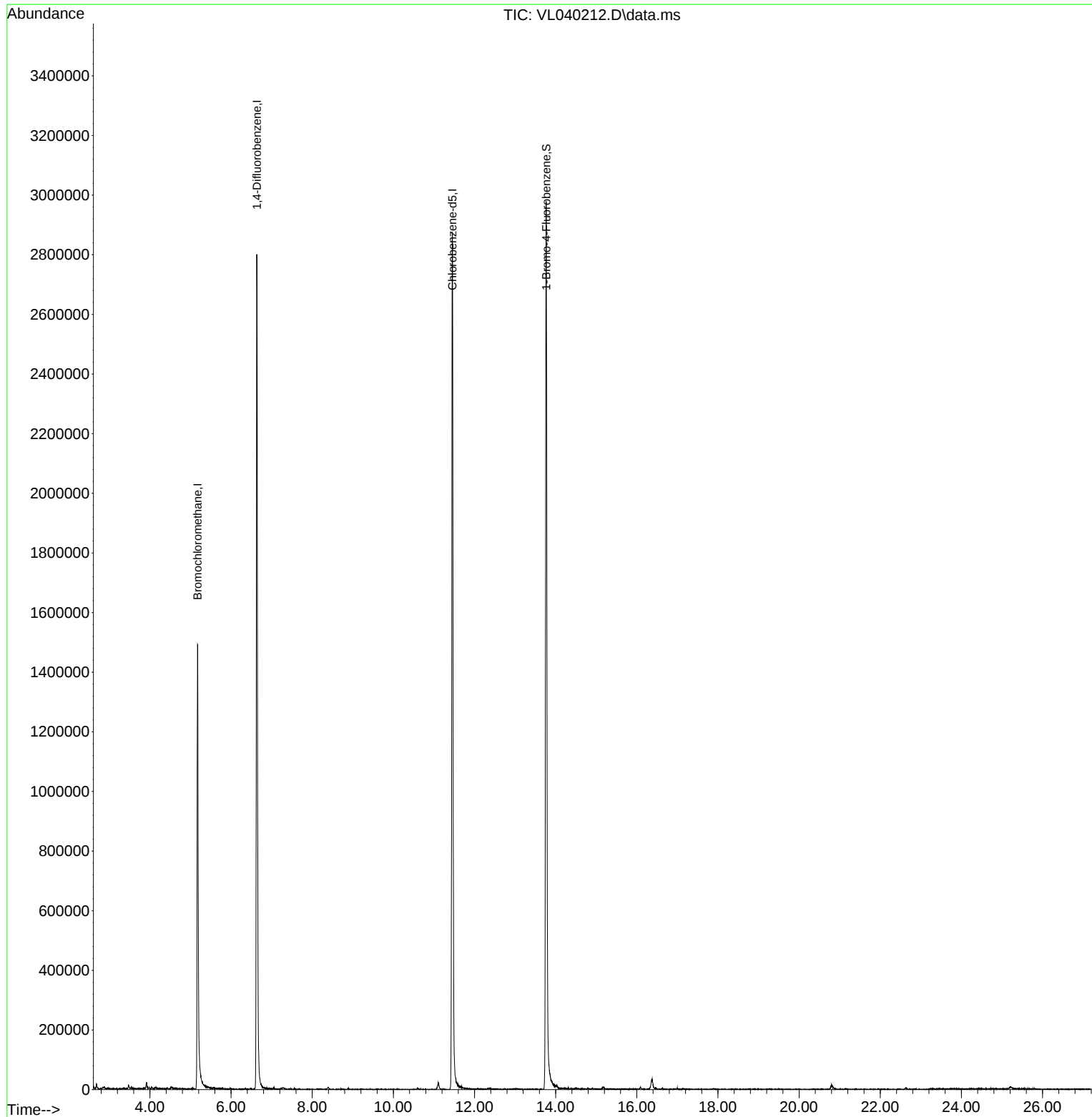
Target Compounds	Qvalue

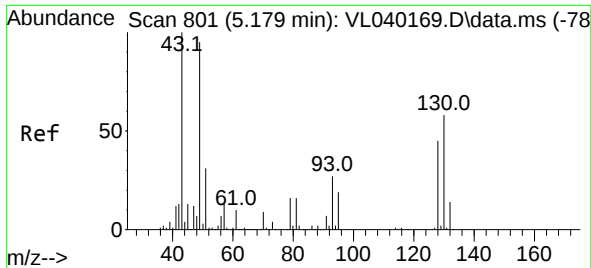
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 22 09:53:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Feb 15 17:01:01 2023
Response via : Initial Calibration

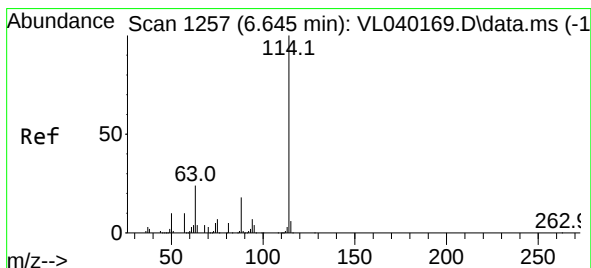
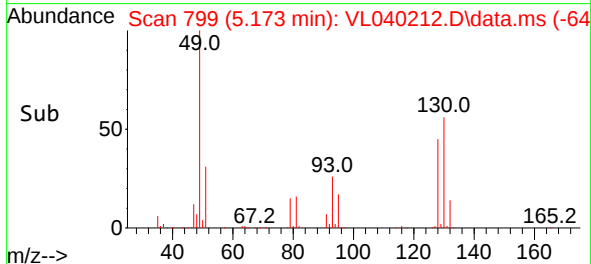
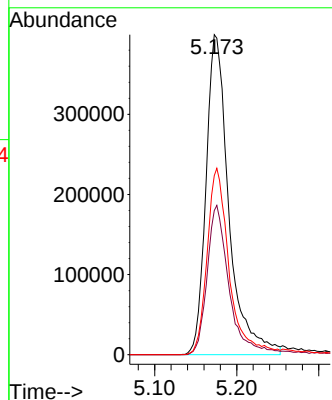
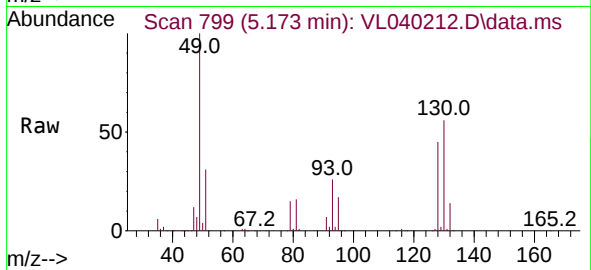




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 799
Delta R.T. -0.006 min
Lab File: VL040212.D
Acq: 22 Feb 2023 8:07

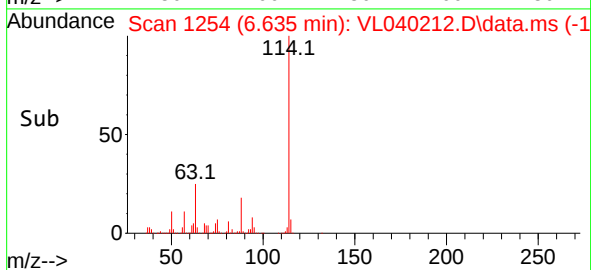
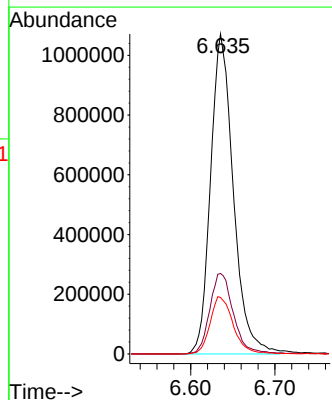
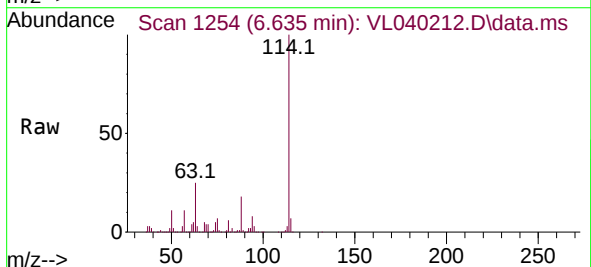
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

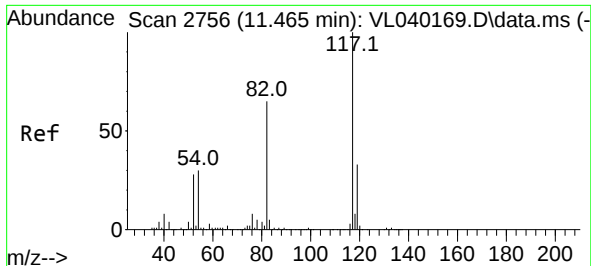
Tgt Ion: 49 Resp: 773884
Ion Ratio Lower Upper
49 100
128 45.6 24.1 72.3
130 58.9 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VL040212.D
Acq: 22 Feb 2023 8:07

Tgt Ion: 114 Resp: 2011063
Ion Ratio Lower Upper
114 100
63 26.4 20.4 30.6
88 18.3 14.3 21.5

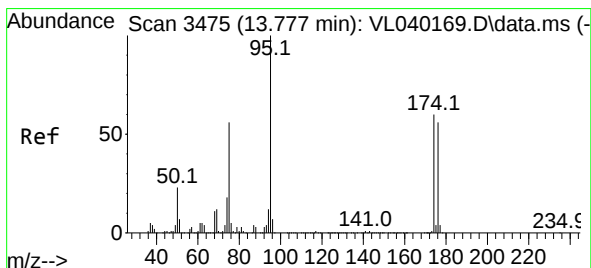
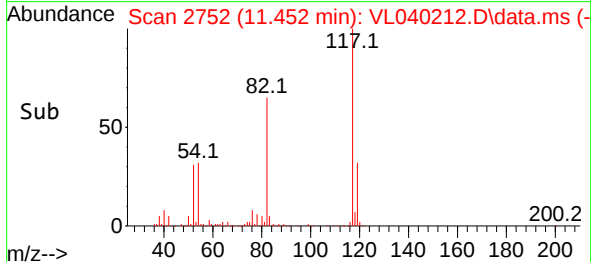
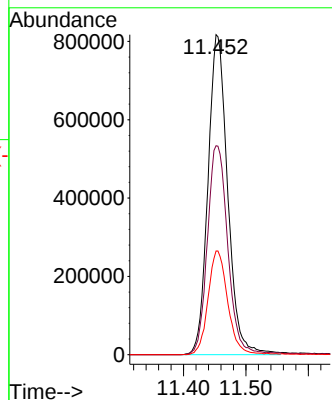
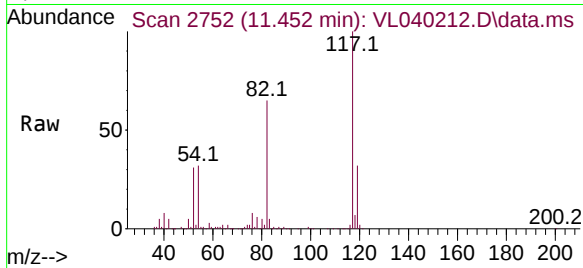




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 211
Delta R.T. -0.013 min
Lab File: VL040212.D
Acq: 22 Feb 2023 8:07

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1794288
Ion Ratio Lower Upper
117 100
82 68.6 53.3 79.9
119 32.3 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.169 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.010 min
Lab File: VL040212.D
Acq: 22 Feb 2023 8:07

Tgt Ion: 95 Resp: 1500424
Ion Ratio Lower Upper
95 100
174 58.8 48.2 72.2
175 4.1 3.4 5.2

