

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039999.D
 Acq On : 13 Dec 2022 6:08
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Dec 13 07:15:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	886153	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.632	114	2556350	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.449	117	2324062	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.761	95	1783583	10.048	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

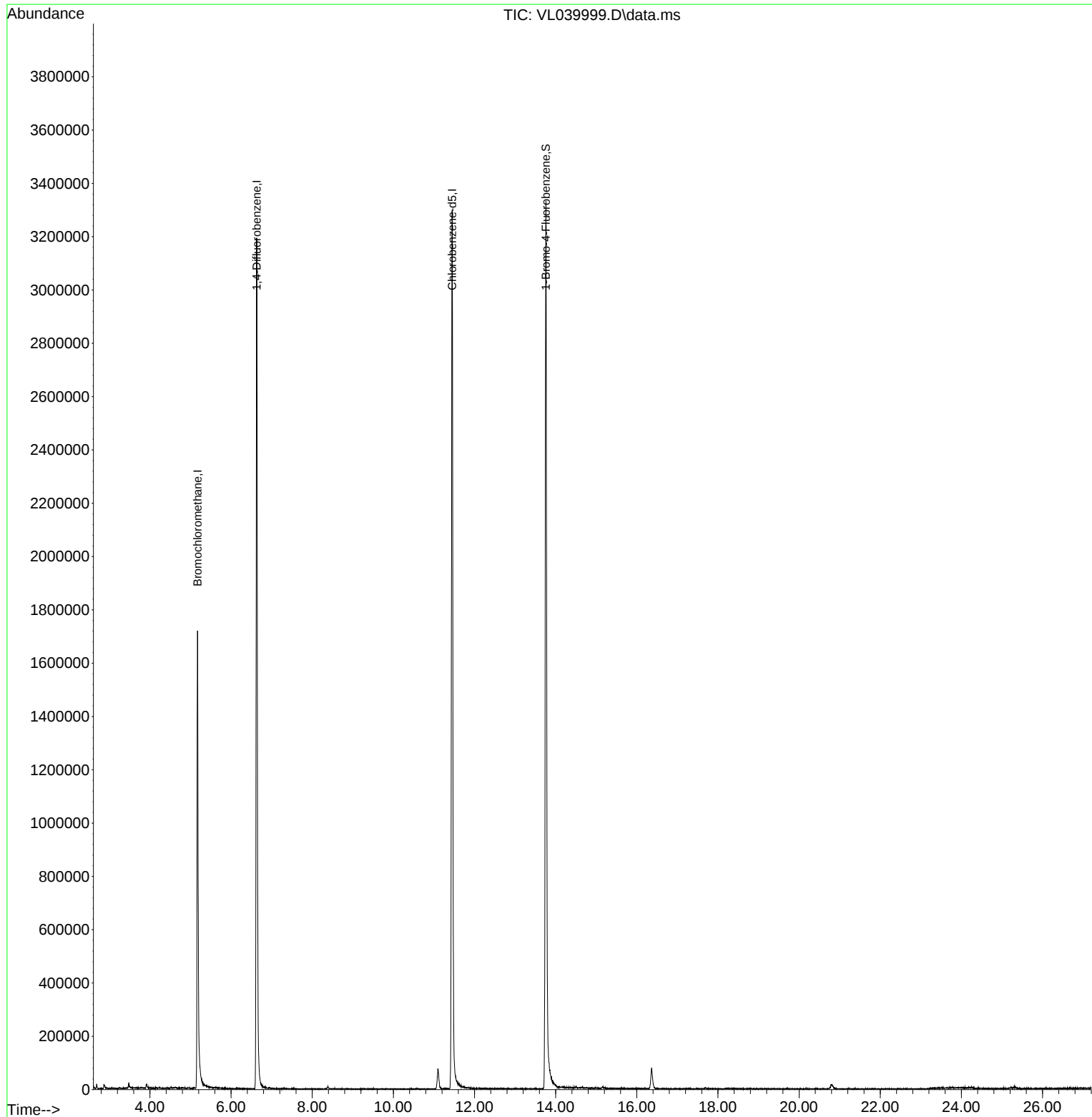
Target Compounds	Qvalue

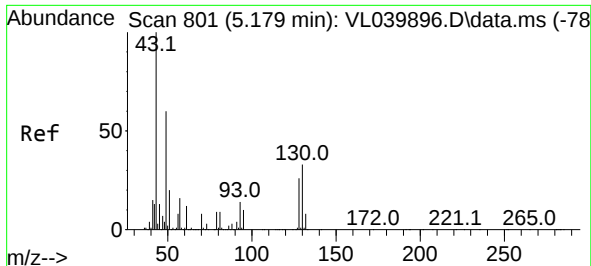
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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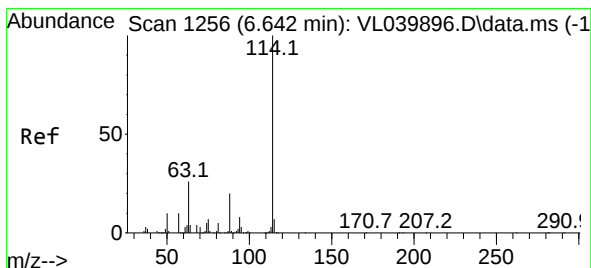
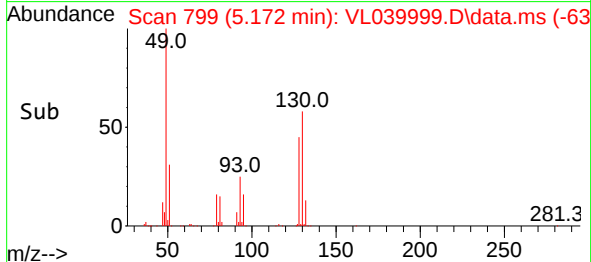
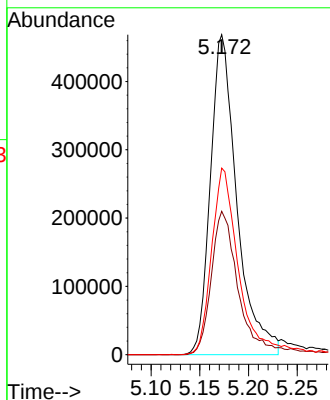
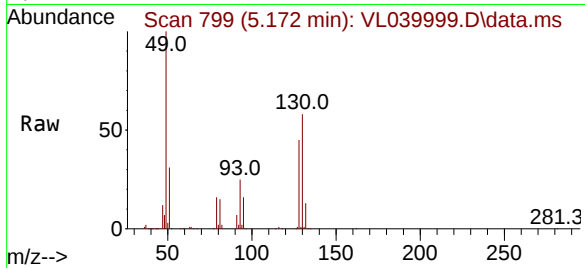




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.172 min Scan# 799
 Delta R.T. 0.016 min
 Lab File: VL039999.D
 Acq: 13 Dec 2022 6:08

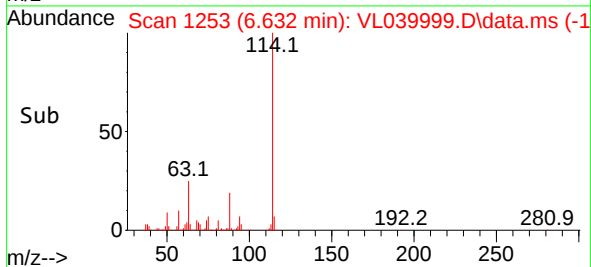
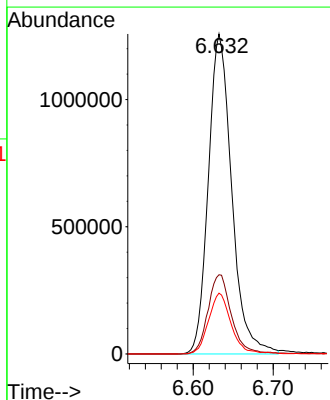
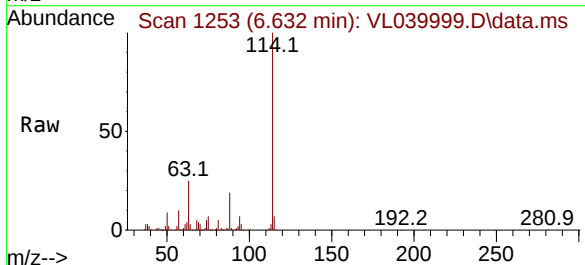
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

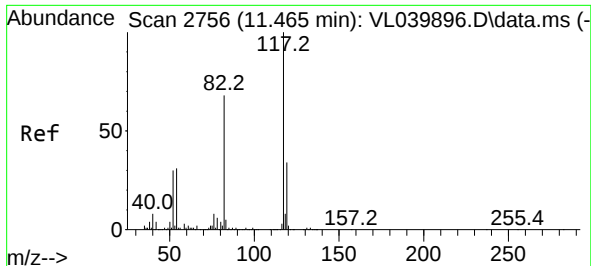
Tgt Ion: 49 Resp: 886153
 Ion Ratio Lower Upper
 49 100
 128 48.0 22.1 66.3
 130 61.6 27.7 83.1



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.632 min Scan# 1253
 Delta R.T. 0.013 min
 Lab File: VL039999.D
 Acq: 13 Dec 2022 6:08

Tgt Ion: 114 Resp: 2556350
 Ion Ratio Lower Upper
 114 100
 63 25.1 21.4 32.0
 88 18.5 15.3 22.9

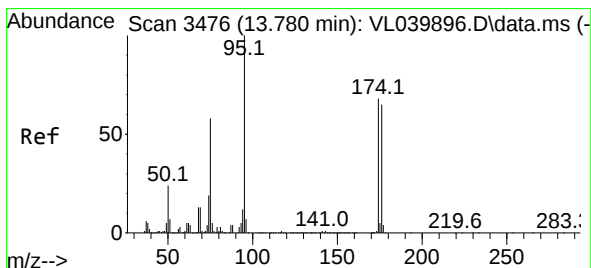
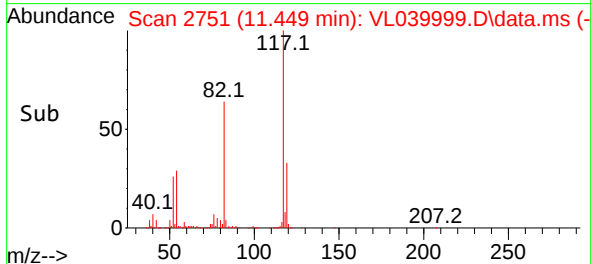
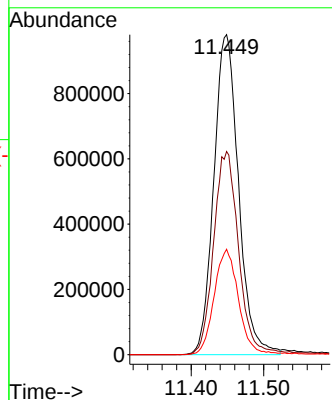
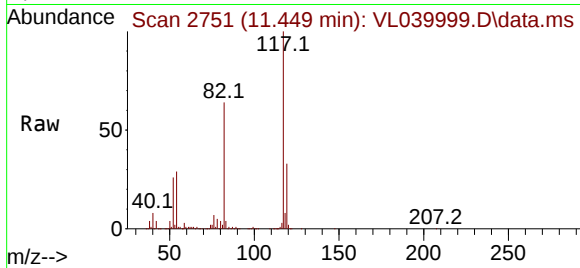




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL039999.D
Acq: 13 Dec 2022 6:08

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2324062
Ion Ratio Lower Upper
117 100
82 64.8 52.3 78.5
119 33.2 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.048 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. 0.019 min
Lab File: VL039999.D
Acq: 13 Dec 2022 6:08

Tgt Ion: 95 Resp: 1783583
Ion Ratio Lower Upper
95 100
174 67.7 53.7 80.5
175 4.8 4.0 6.0

