

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039937.D
 Acq On : 1 Dec 2022 10:58
 Operator : SY/MD
 Sample : VL1201ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1201ABL01

Quant Time: Dec 02 05:30:51 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 05:29:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1245932	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3759734	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	3415225	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.761	95	2705570	10.372	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%

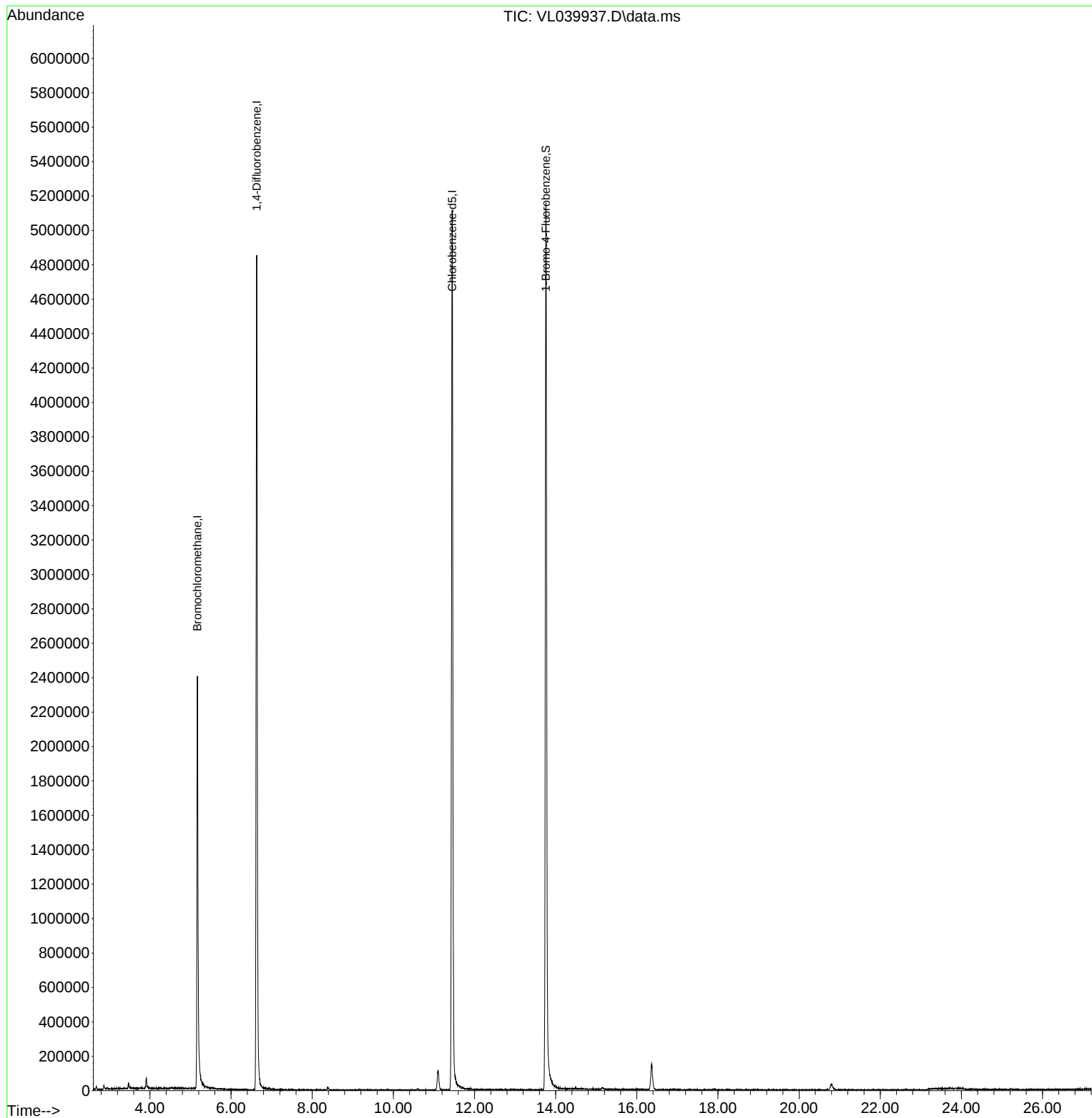
Target Compounds	Qvalue

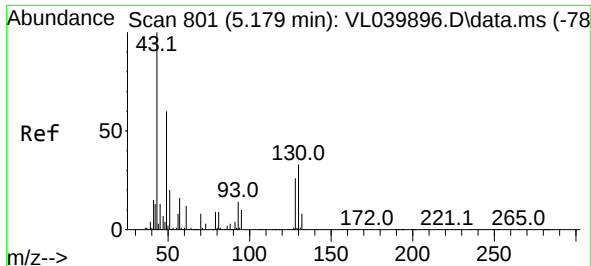
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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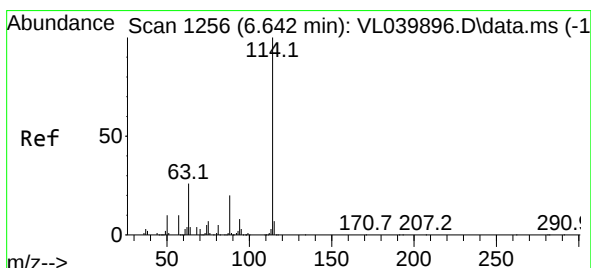
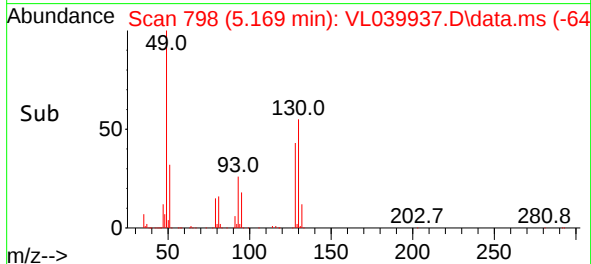
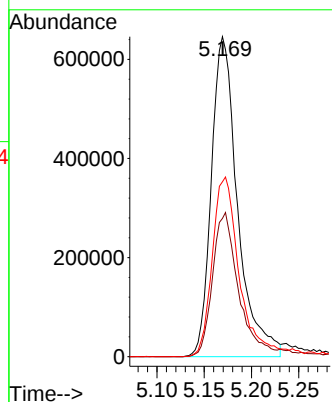
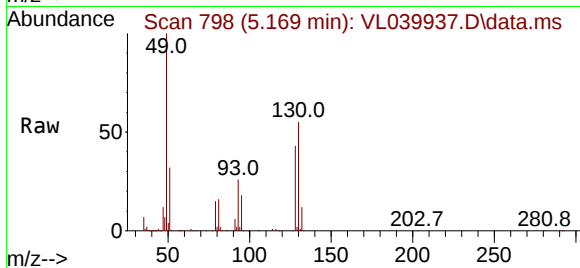




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. -0.004 min
Lab File: VL039937.D
Acq: 1 Dec 2022 10:58

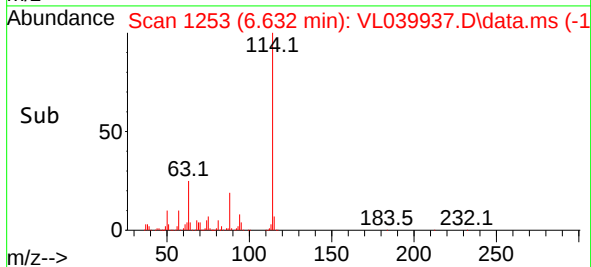
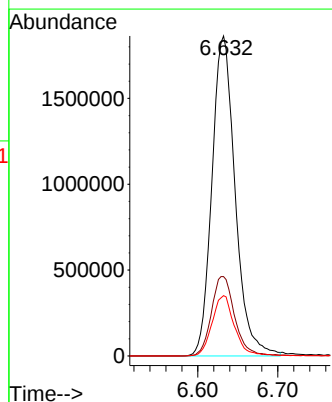
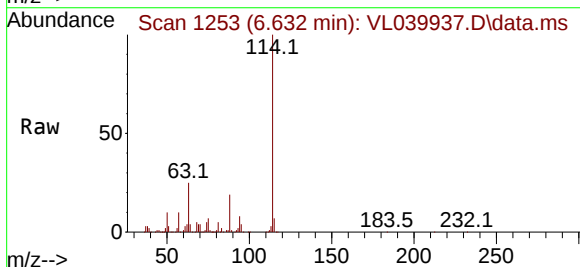
Instrument :
MSVOA_1
ClientSampleId :
VL1201ABL01

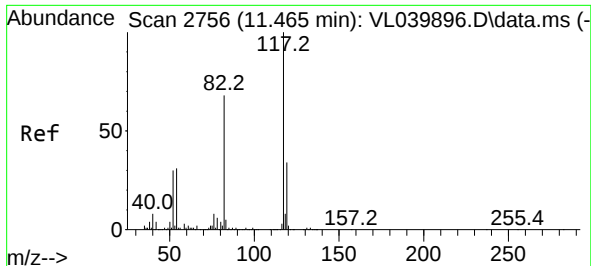
Tgt Ion: 49 Resp: 1245932
Ion Ratio Lower Upper
49 100
128 47.7 22.1 66.3
130 61.4 27.7 83.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.003 min
Lab File: VL039937.D
Acq: 1 Dec 2022 10:58

Tgt Ion: 114 Resp: 3759734
Ion Ratio Lower Upper
114 100
63 25.1 21.4 32.0
88 18.4 15.3 22.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL039937.D

Acq: 1 Dec 2022 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABL01

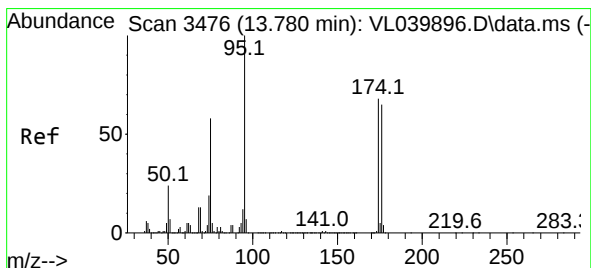
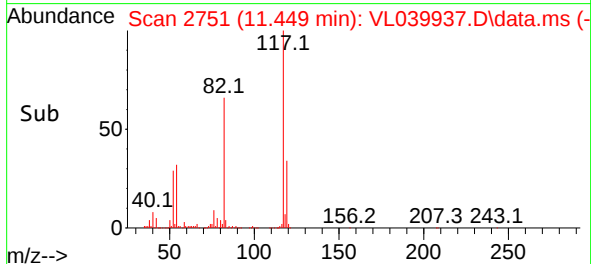
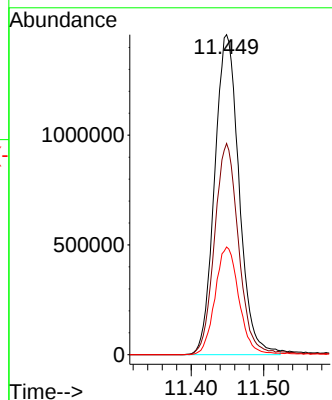
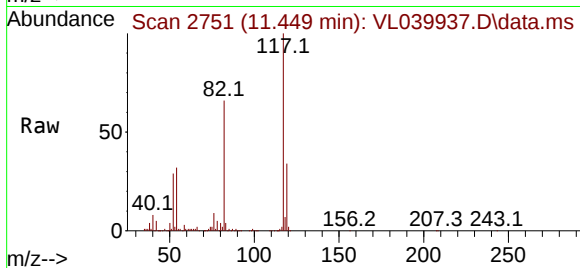
Tgt Ion:117 Resp: 3415225

Ion Ratio Lower Upper

117 100

82 65.3 52.3 78.5

119 33.2 25.7 38.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.372 ppbv

RT: 13.761 min Scan# 3470

Delta R.T. -0.003 min

Lab File: VL039937.D

Acq: 1 Dec 2022 10:58

Tgt Ion: 95 Resp: 2705570

Ion Ratio Lower Upper

95 100

174 63.2 53.7 80.5

175 4.6 4.0 6.0

