

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021622\
 Data File : VL038372.D
 Acq On : 16 Feb 2022 18:39
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Feb 17 06:49:23 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	813017	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2026453	10.00	ppbv	-0.04
55) Chlorobenzene- d5			12.04	117	1750454	10.00 ppbv - 0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1346323	10.13	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

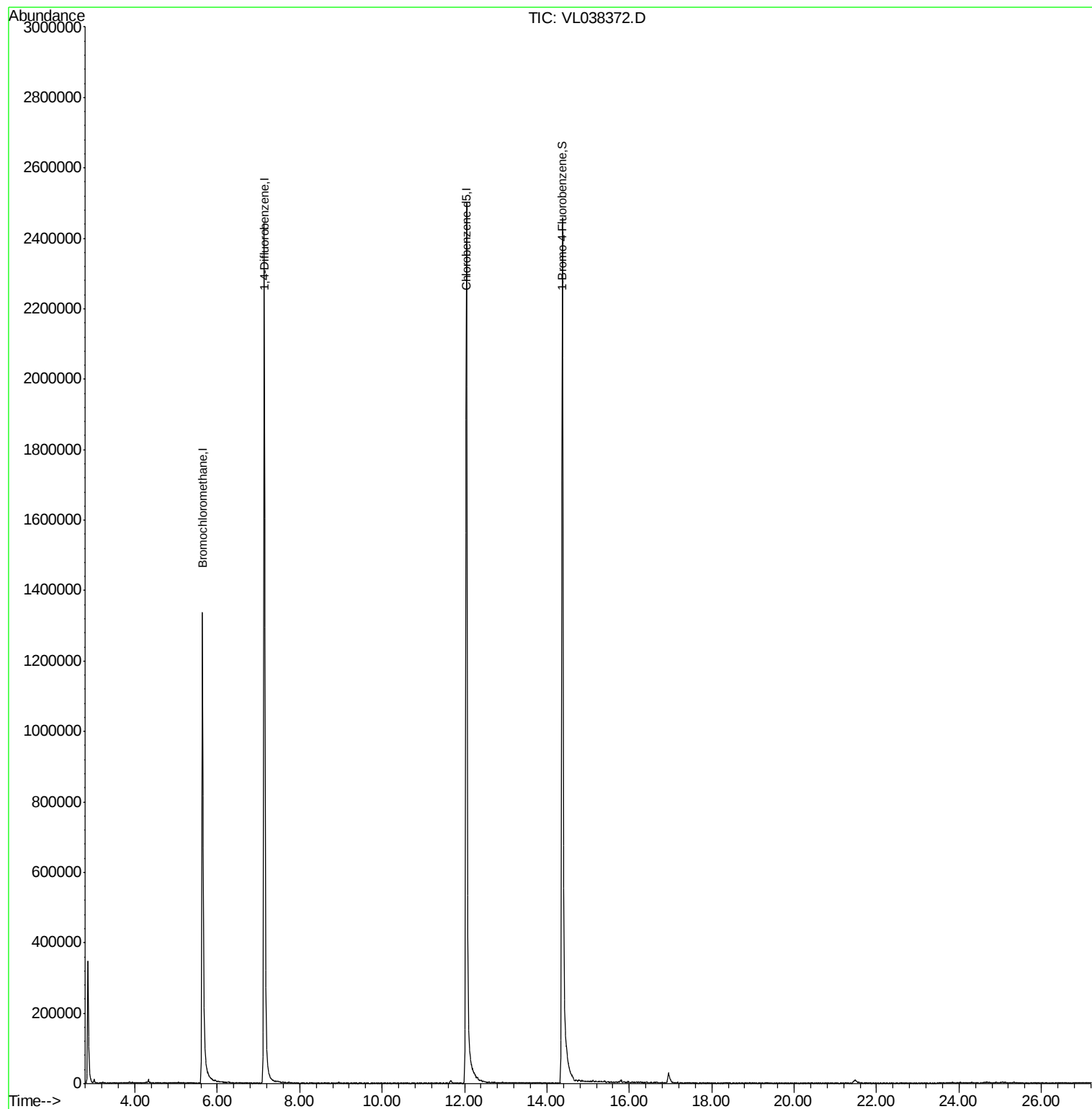
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VIBLK

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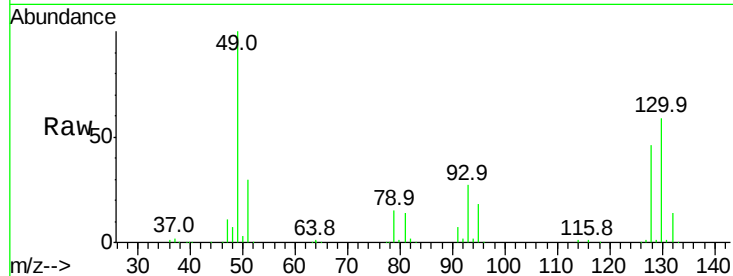
Tgt Ion: 49 Resp: 813017

Ion Ratio Lower Upper

49 100

128 49.2 24.5 73.5

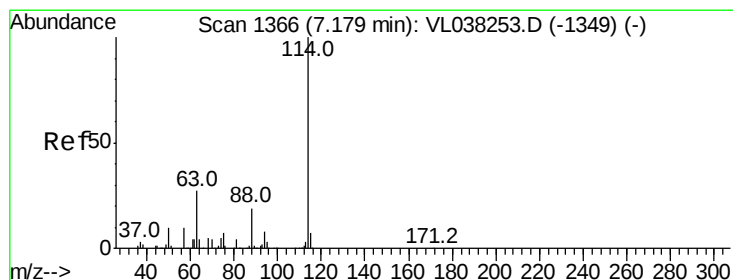
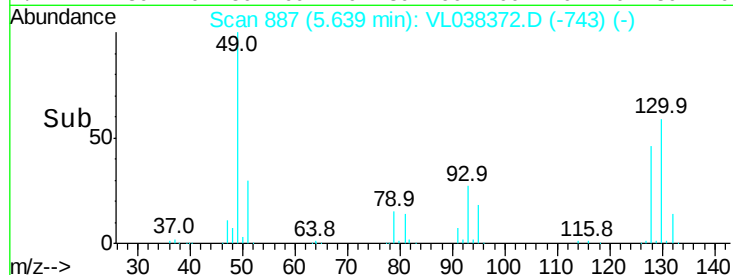
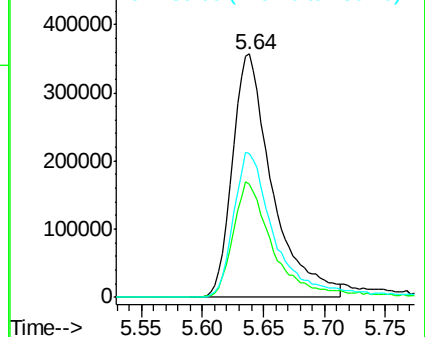
130 63.9 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. -0.04 min

Lab File: VL038372.D

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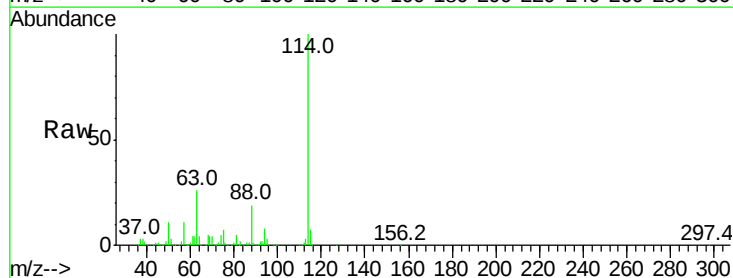
Tgt Ion: 114 Resp: 2026453

Ion Ratio Lower Upper

114 100

63 27.3 22.0 33.0

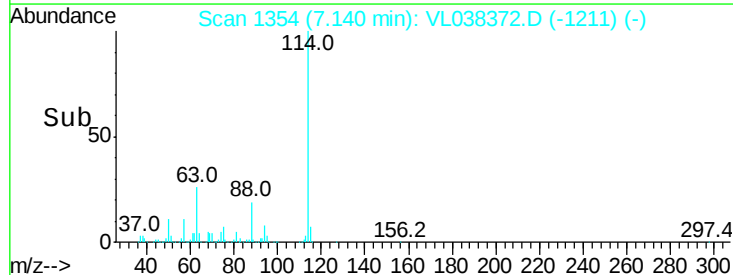
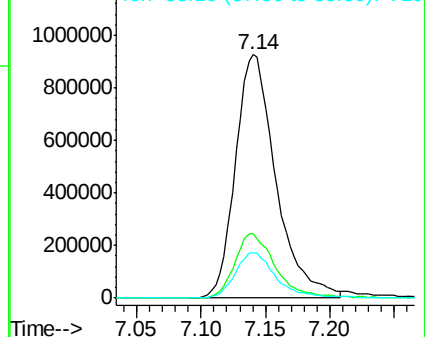
88 19.1 15.0 22.6

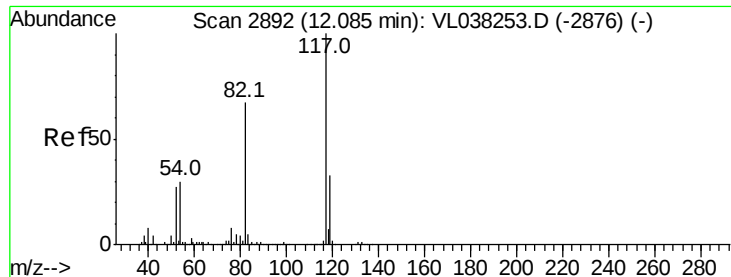


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

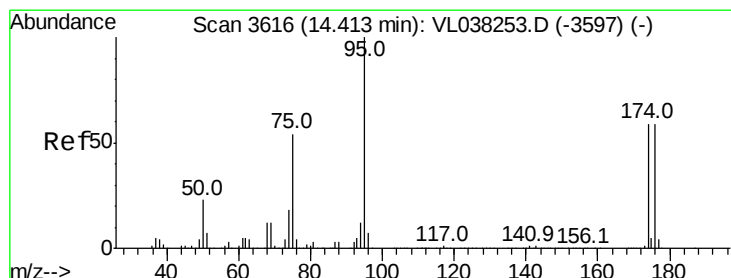
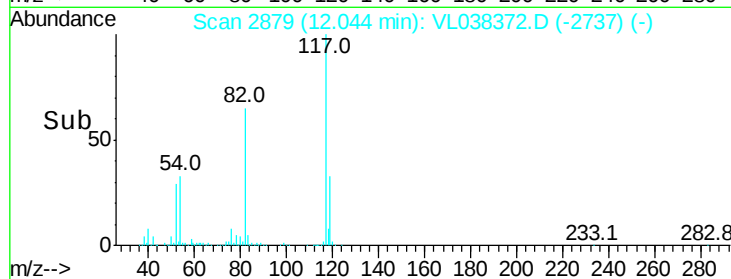
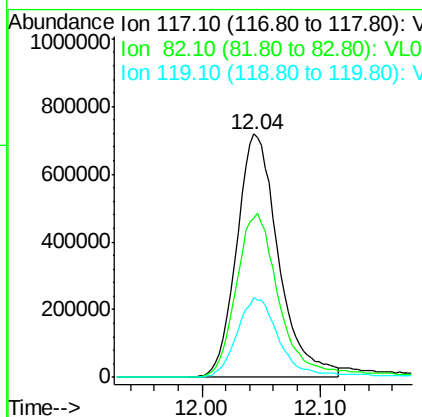
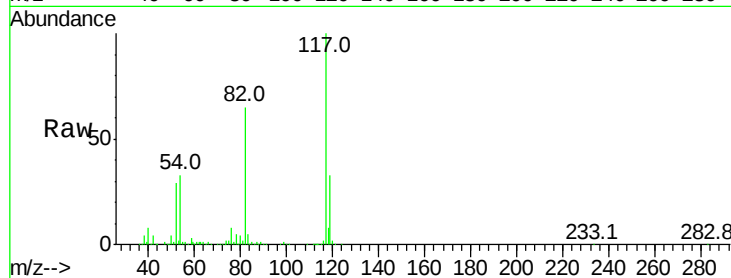
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.04 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Feb 2022 18:39

Tgt Ion: 117 Resp: 1750454
 Ion Ratio Lower Upper
 117 100
 82 70.9 54.4 81.6
 119 34.9 45.9 68.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.13 ppbv
 RT: 14.38 min Scan# 3605
 Delta R.T. -0.04 min
 Lab File: VL038372.D
 Acq: 16 Feb 2022 18:39

Tgt Ion: 95 Resp: 1346323
 Ion Ratio Lower Upper
 95 100
 174 65.1 48.3 72.5
 175 4.7 3.5 5.3

