

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021622\
Data File : VL038366.D
Acq On : 16 Feb 2022 14:38
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 17 06:34:03 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	5.63	49	841778	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2095978	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.04	117	1802358	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1419619	10.38	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

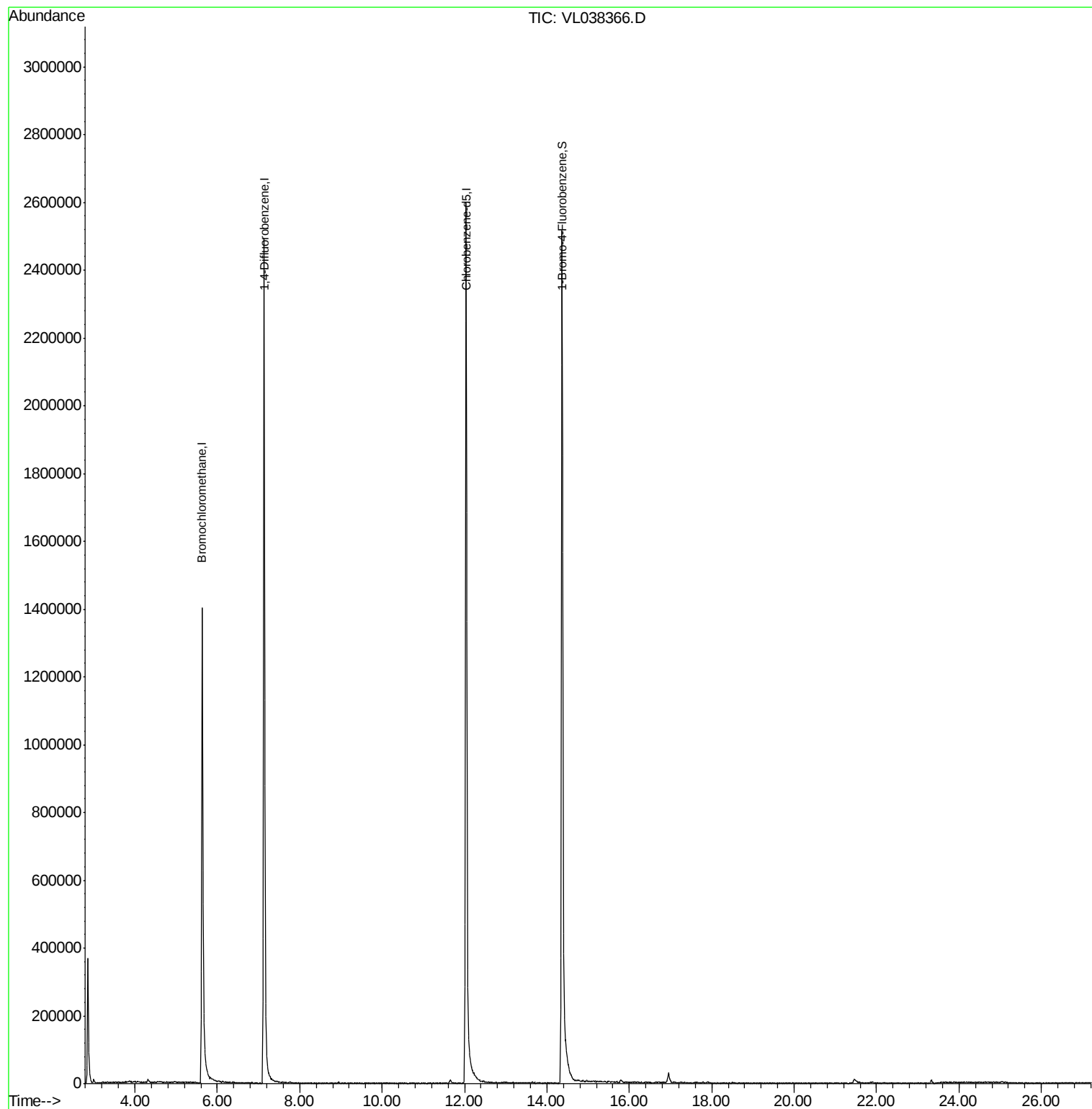
Target Compounds	Qvalue
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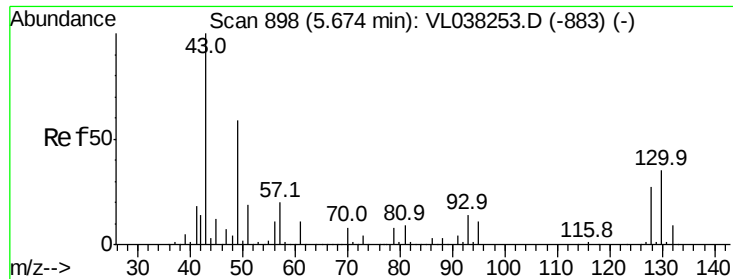
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.63

Delta R.T.

Lab File:

Acq: 16 Feb 2022 14:38

Instrument:

MSVOA_1

ClientSampleId:

VIBLK

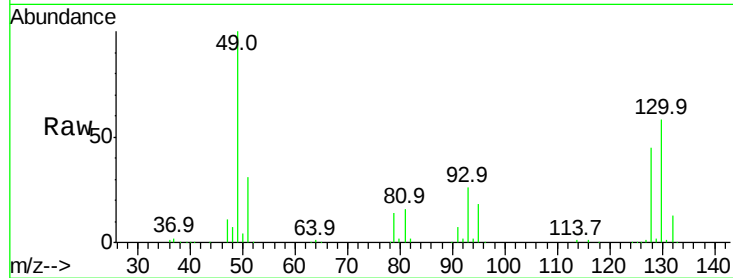
Tgt Ion: 49 Resp: 841778

Ion Ratio Lower Upper

49 100

128 49.4 24.5 73.5

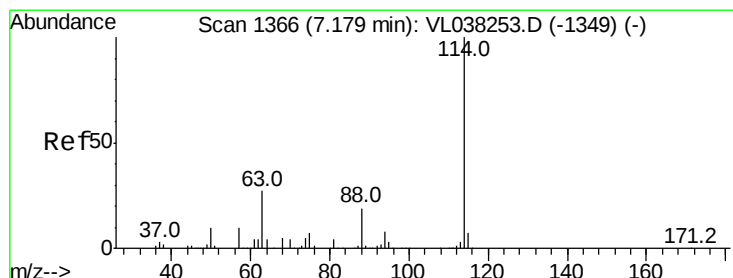
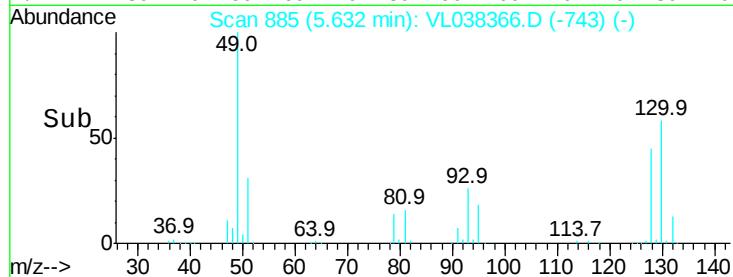
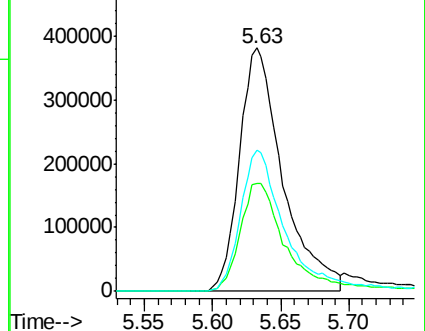
130 62.4 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. - 0.05 min

Lab File: VL038366.D

Acq: 16 Feb 2022 14:38

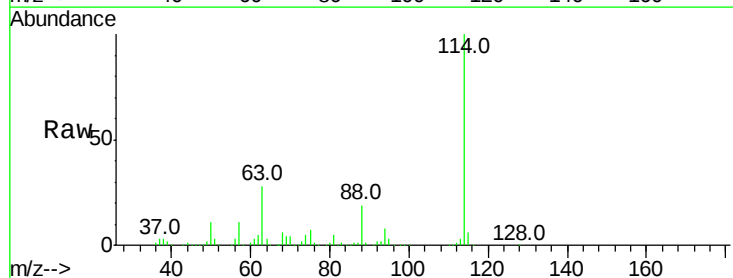
Tgt Ion: 114 Resp: 2095978

Ion Ratio Lower Upper

114 100

63 27.3 22.0 33.0

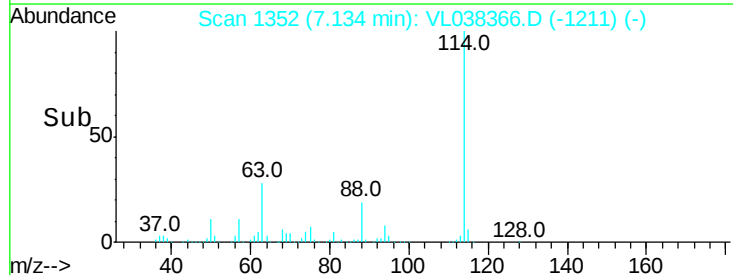
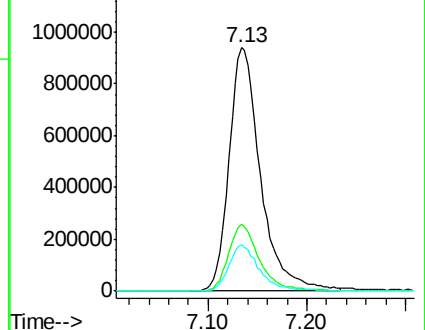
88 18.8 15.0 22.6

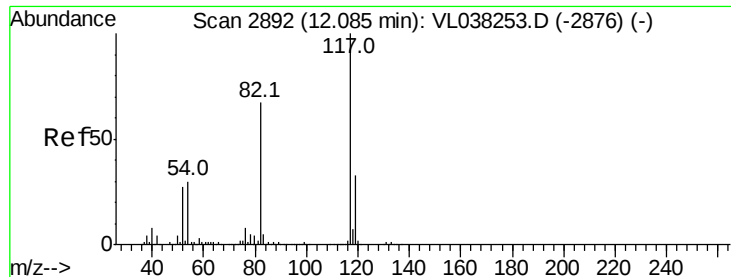


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

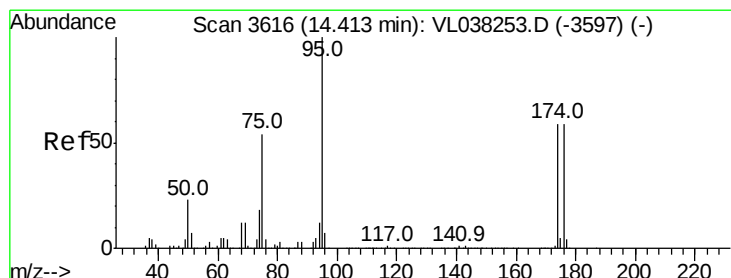
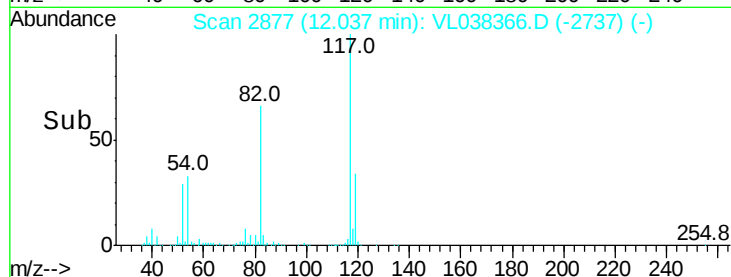
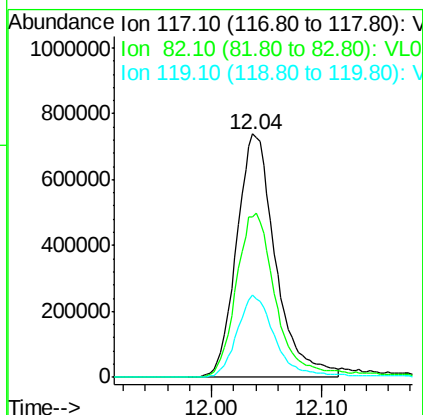
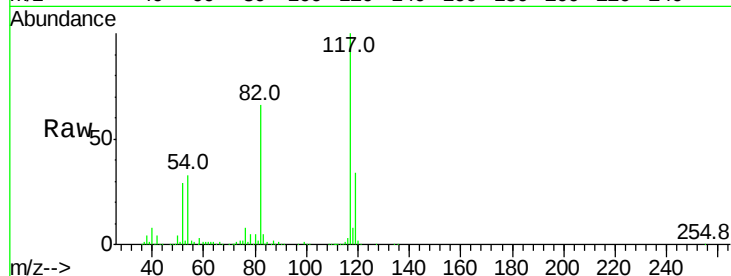
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.04 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Feb 2022 14:38

Tgt Ion: 117 Resp: 1802358
Ion Ratio Lower Upper
117 100
82 73.0 54.4 81.6
119 34.7 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.38 ppbv
RT: 14.37 min Scan# 3602
Delta R.T. -0.05 min
Lab File: VL038366.D
Acq: 16 Feb 2022 14:38

Tgt Ion: 95 Resp: 1419619
Ion Ratio Lower Upper
95 100
174 63.0 48.3 72.5
175 4.5 3.5 5.3

