

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021622\
Data File : VL038364.D
Acq On : 16 Feb 2022 13:22
Operator : SY/AP
Sample : VL0216ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0216ABL01

Quant Time: Feb 17 06:31:14 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	935473	10.00	ppbv	-0.05
33) 1,4-Difluorobenzene	7.13	114	2249700	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.03	117	1974345	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1619214	10.81	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.10%

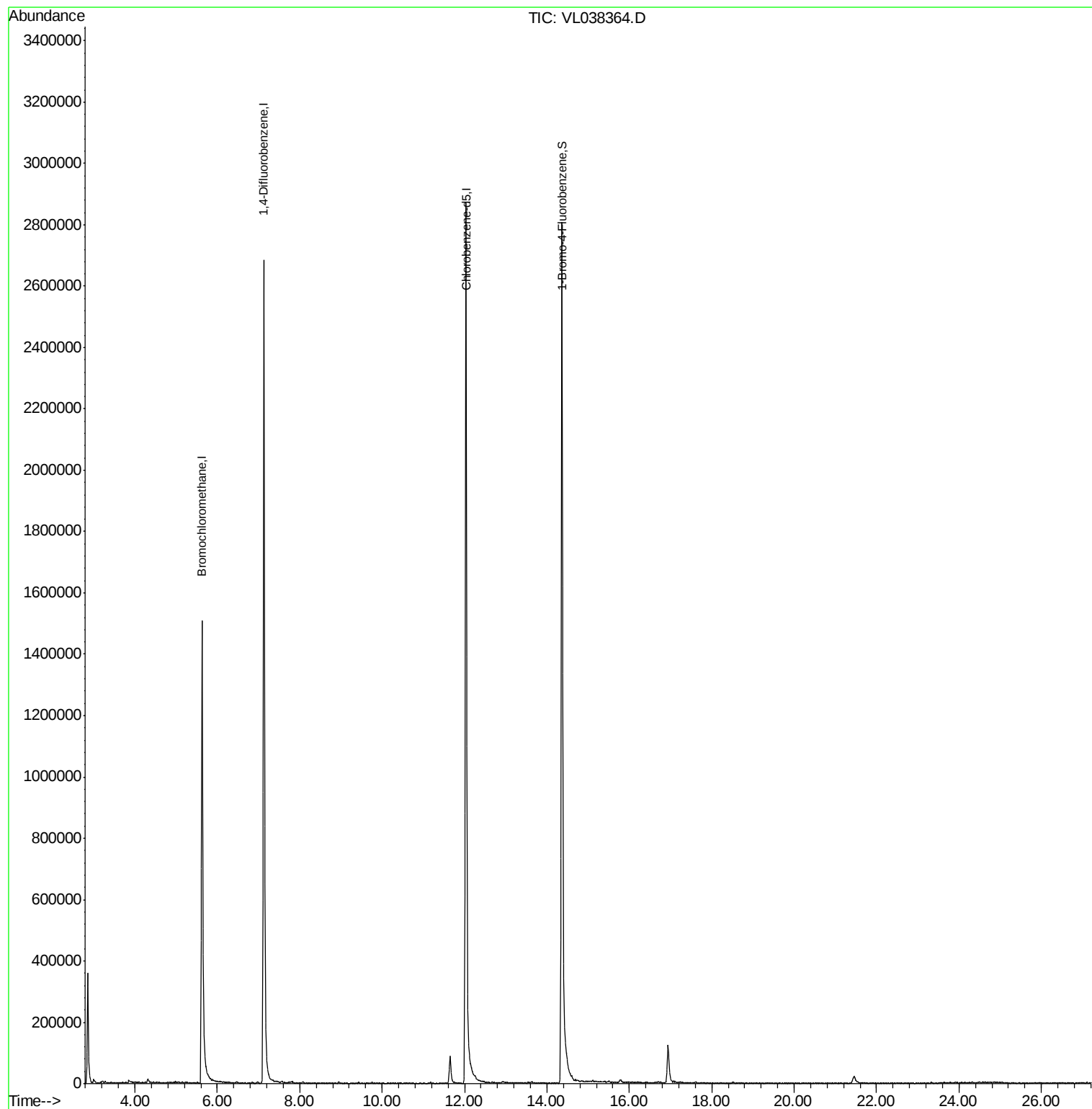
Target Compounds	Qvalue
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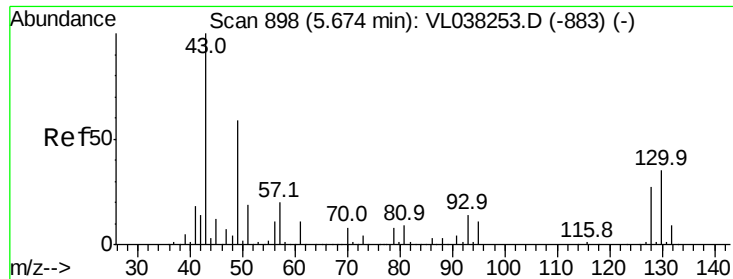
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL021622\
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.63 Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId: VL0216ABL01

Acq: 16 Feb 2022 13:22

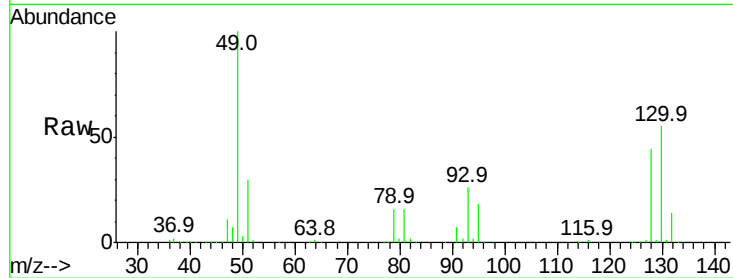
Tgt Ion: 49 Resp: 935473

Ion Ratio Lower Upper

49 100

128 46.8 24.5 73.5

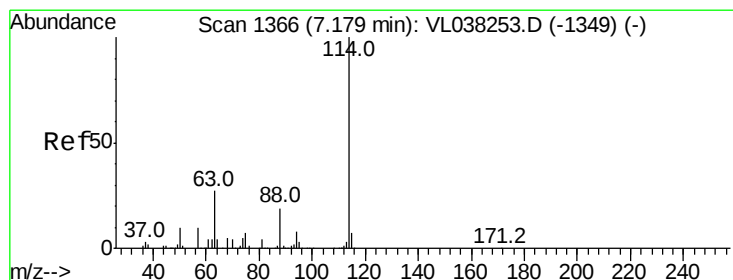
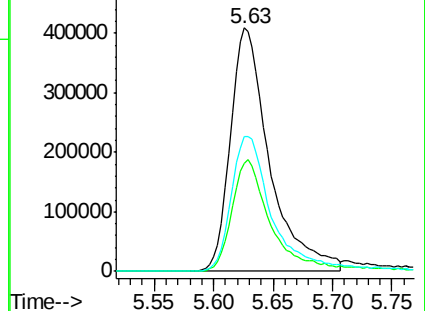
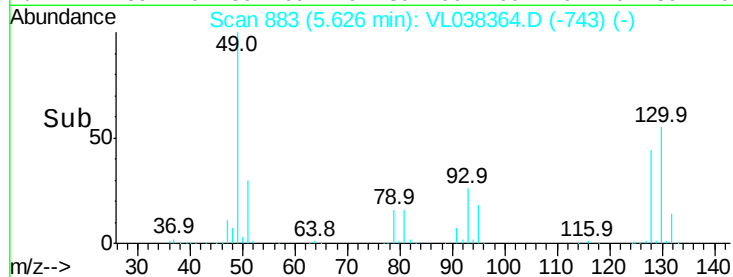
130 58.7 30.1 90.5



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: 7.13 min Scan# 1350

Delta R.T. -0.05 min

Lab File: VL038364.D

Acq: 16 Feb 2022 13:22

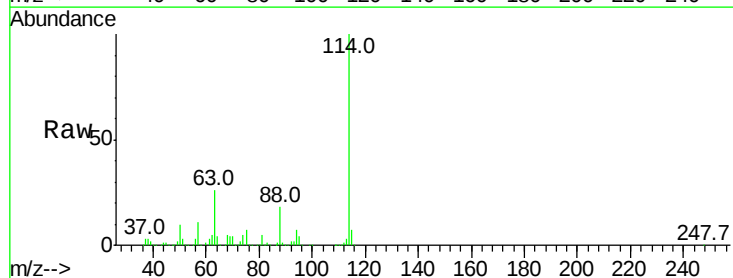
Tgt Ion: 114 Resp: 2249700

Ion Ratio Lower Upper

114 100

63 27.3 22.0 33.0

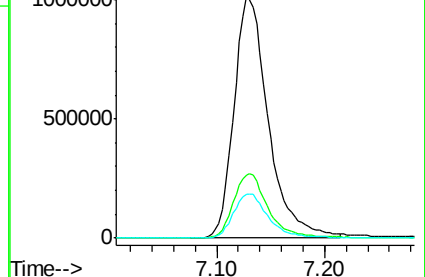
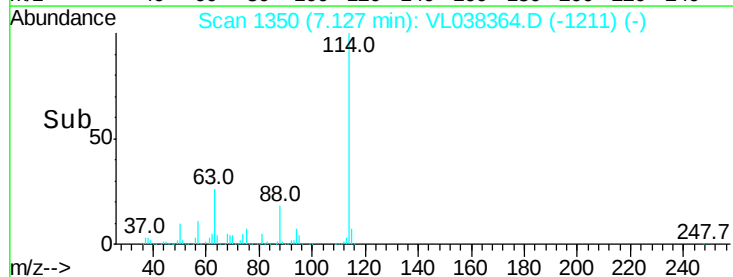
88 18.8 15.0 22.6

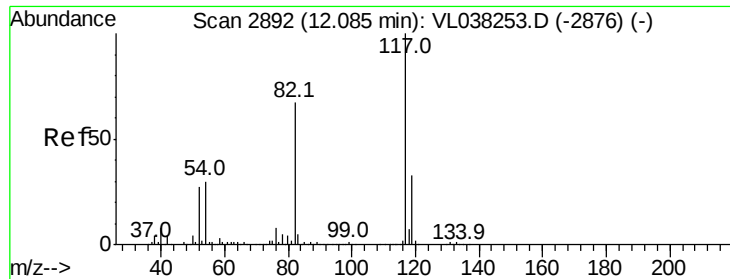


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

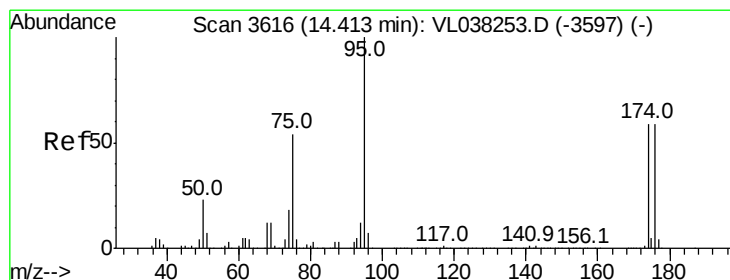
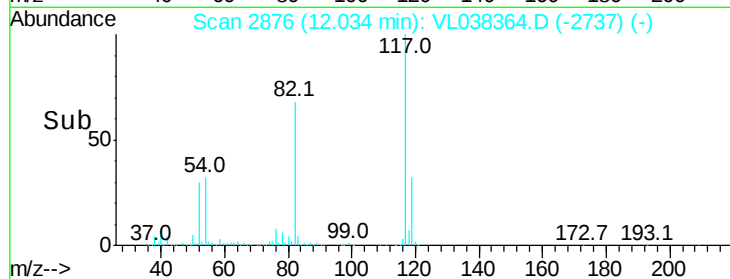
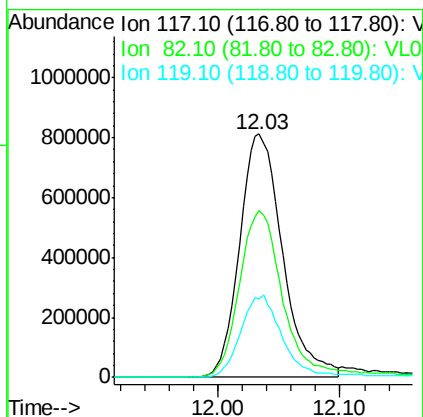
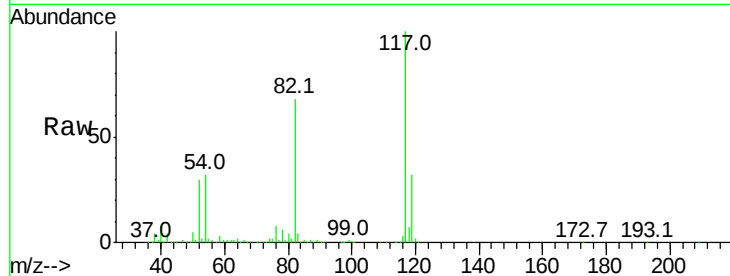
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.03 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID: VL0216ABL01
 Lab File:
 Acq: 16 Feb 2022 13:22

Tgt Ion: 117 Resp: 1974345
 Ion Ratio Lower Upper
 117 100
 82 71.4 54.4 81.6
 119 34.7 45.9 68.9#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.81 ppbv
 RT: 14.37 min Scan# 3601
 Delta R.T.: -0.05 min
 Lab File: VL038364.D
 Acq: 16 Feb 2022 13:22

Tgt Ion: 95 Resp: 1619214
 Ion Ratio Lower Upper
 95 100
 174 61.6 48.3 72.5
 175 4.3 3.5 5.3

