

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
Data File : VL038548.D
Acq On : 4 Mar 2022 23:53
Operator : SY/AP
Sample : CAN 10321
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10321

Quant Time: Mar 05 06:29:25 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	911902	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2073628	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	1749517	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1387100	9.58	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.80%

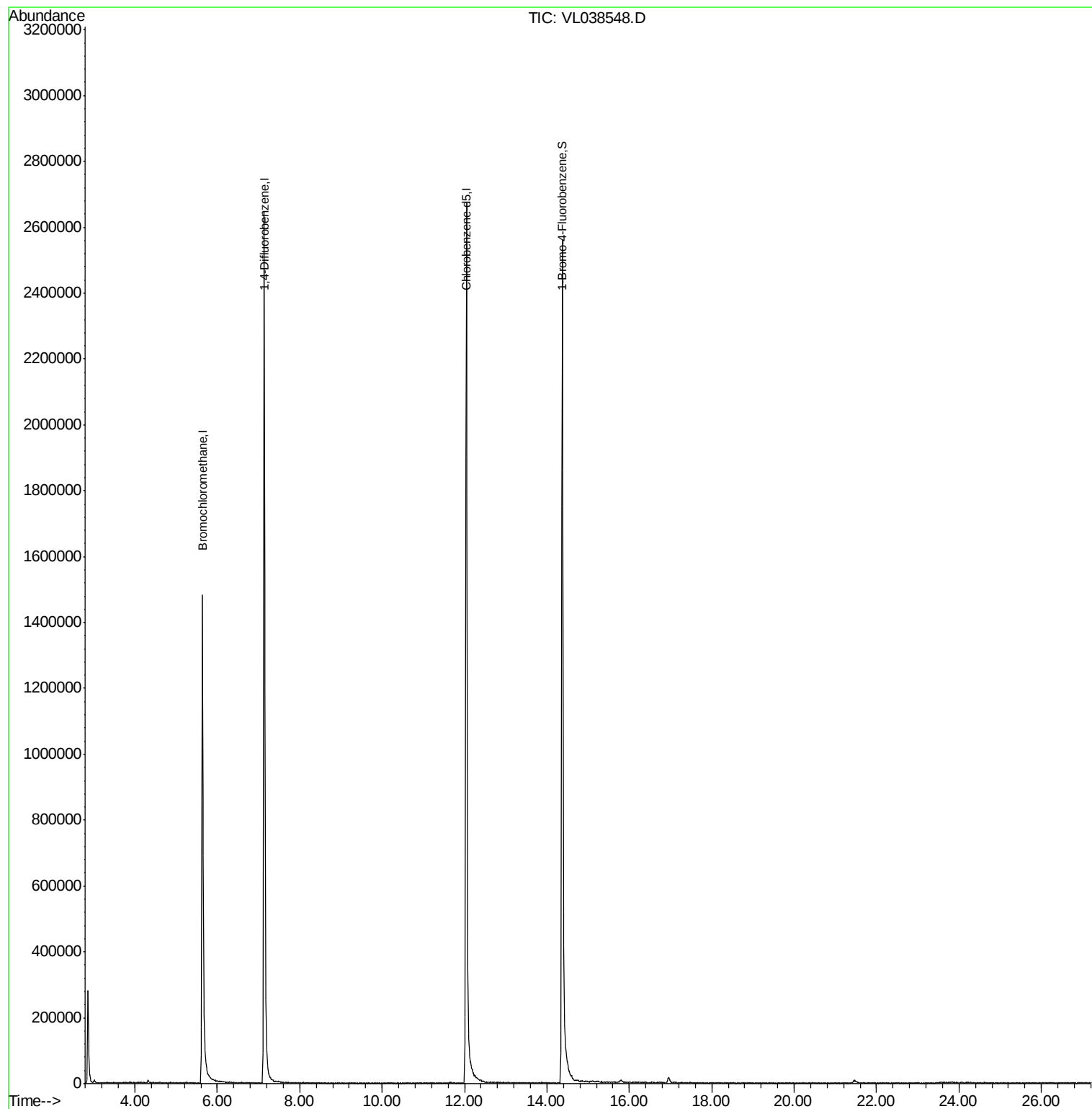
Target Compounds	Ovalue
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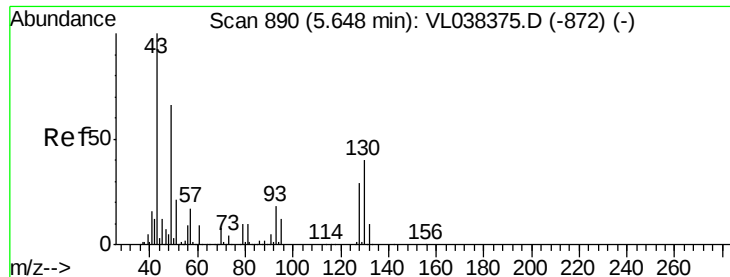
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 23:53

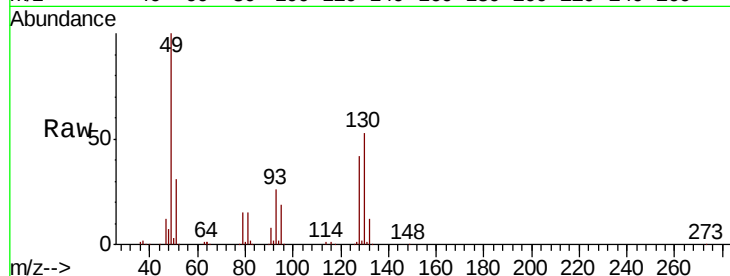
Tot Ion: 49 Resp: 911902

Ion Ratio Lower Upper

49 100

128 43.9 24.3 72.9

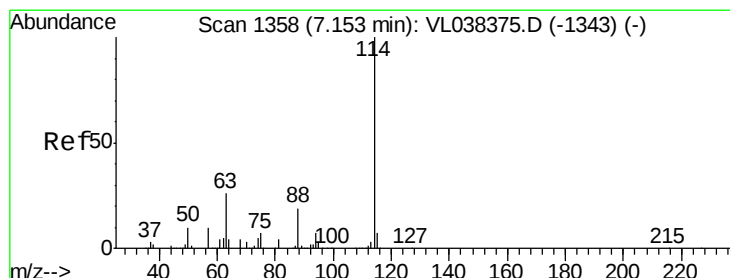
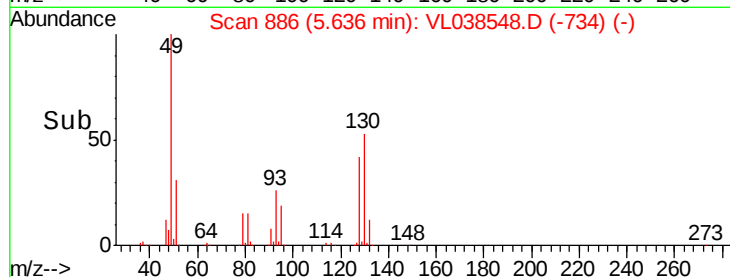
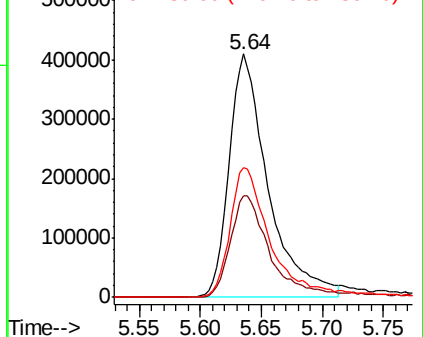
130 57.8 30.1 90.5



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: 10.000 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. -0.01 min

Lab File: VL038548.D

Acq: 4 Mar 2022 23:53

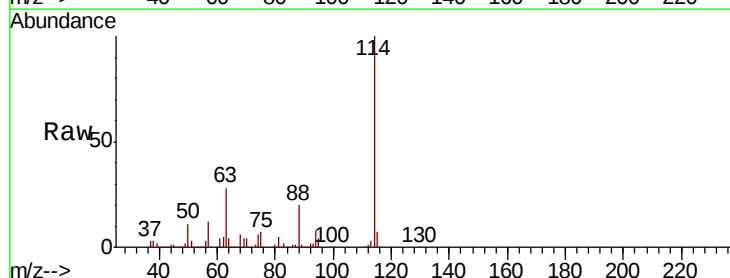
Tgt Ion:114 Resp: 2073628

Ion Ratio Lower Upper

114 100

63 28.7 22.2 33.2

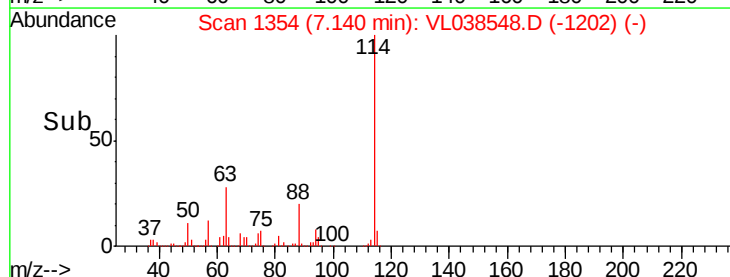
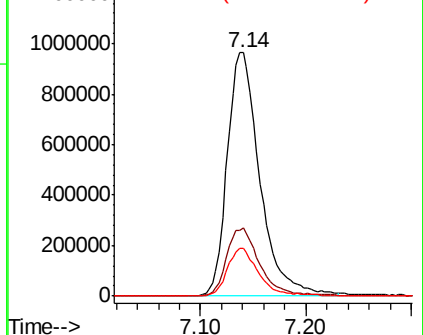
88 19.2 15.2 22.8

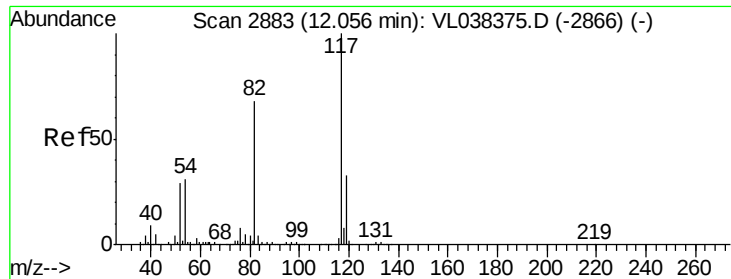


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

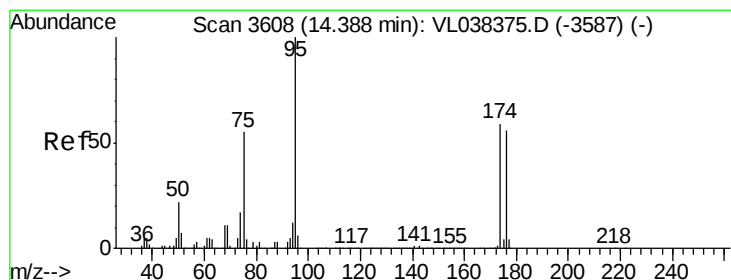
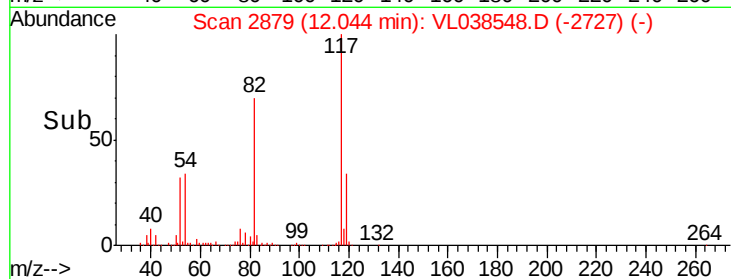
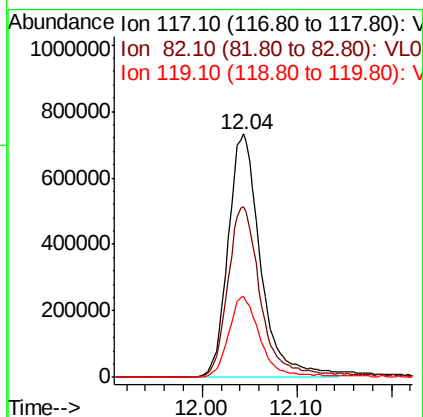
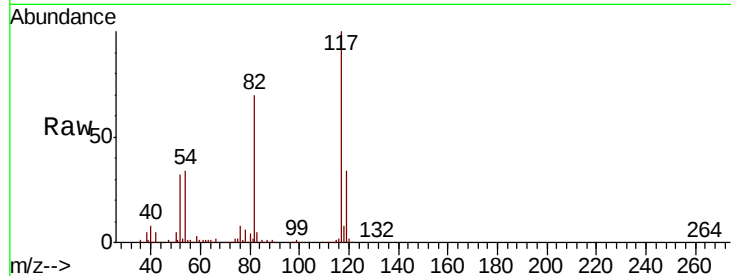
Ion 88.10 (87.80 to 88.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 4 Mar 2022 23:53

Tot Ion: 117 Resp: 1749517
Ion Ratio Lower Upper
117 100
82 71.7 54.9 82.3
119 33.5 46.1 69.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.582 ppbv
RT: 14.37 min Scan# 3603
Delta R.T. -0.02 min
Lab File: VL038548.D
Acq: 4 Mar 2022 23:53

Tgt Ion: 95 Resp: 1387100
Ion Ratio Lower Upper
95 100
174 58.8 49.0 73.4
175 4.1 3.6 5.4

