

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038538.D
 Acq On : 4 Mar 2022 17:43
 Operator : SY/AP
 Sample : CAN 10588
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10588

Quant Time: Mar 05 06:22:45 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	967110	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2230352	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	1861026	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1425827	9.26	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.60%

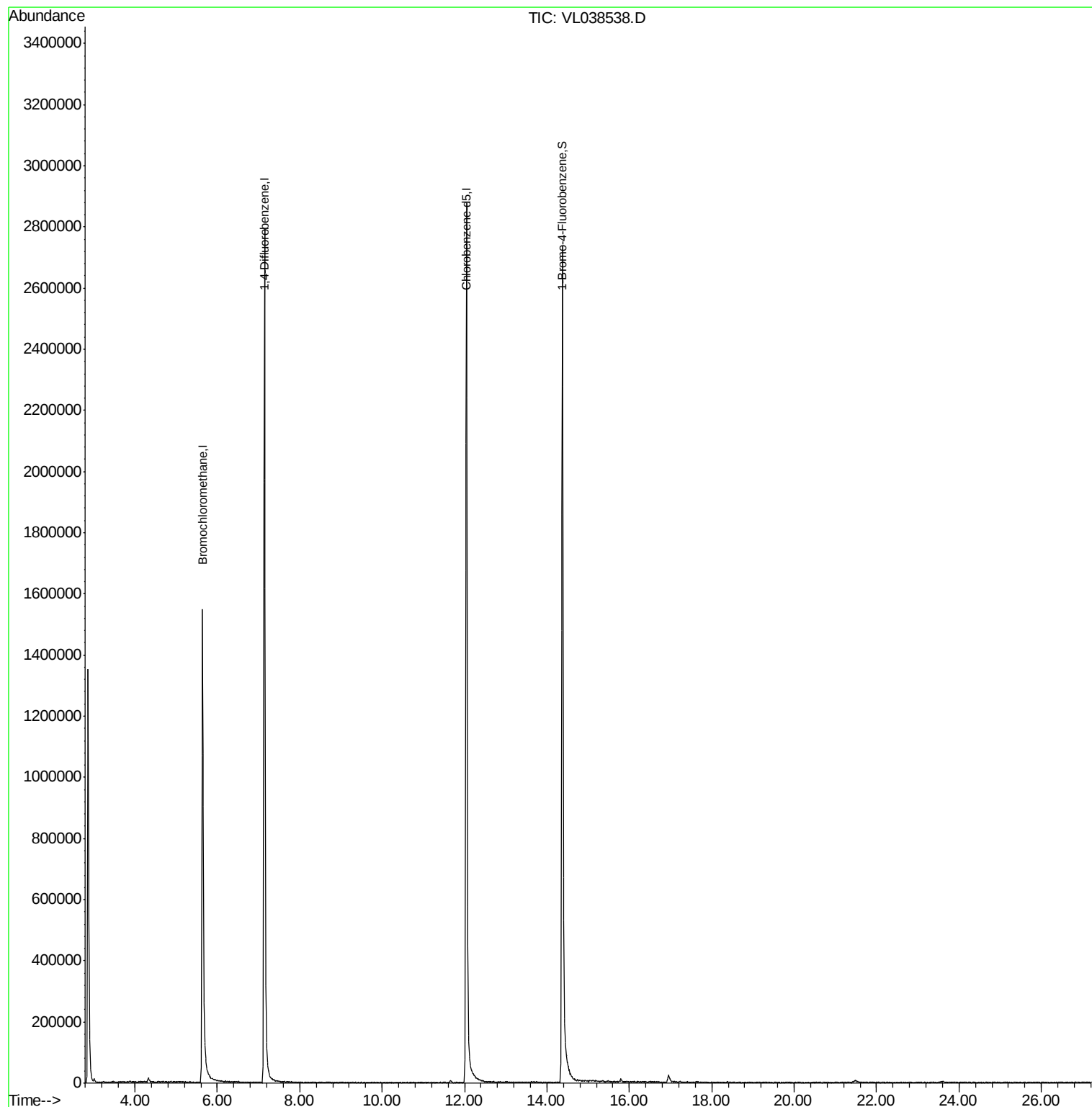
Target Compounds	Ovalue

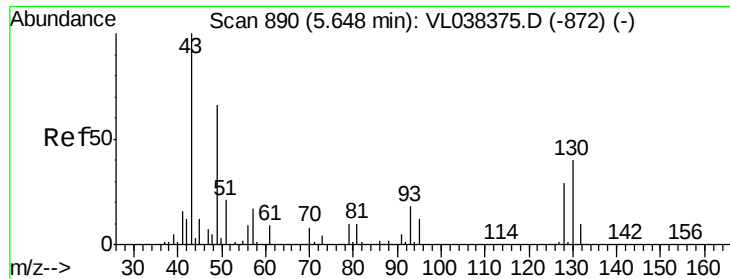
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN 10588

Acq: 4 Mar 2022 17:43

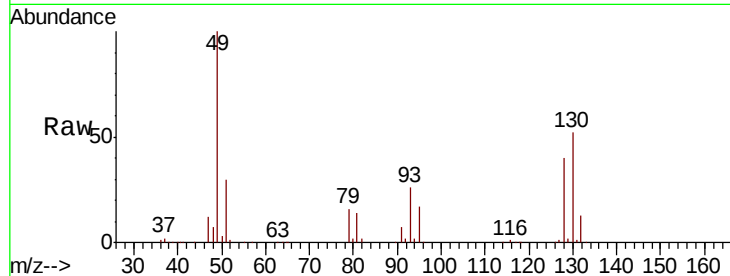
Tot Ion: 49 Resp: 967110

Ion Ratio Lower Upper

49 100

128 46.4 24.3 72.9

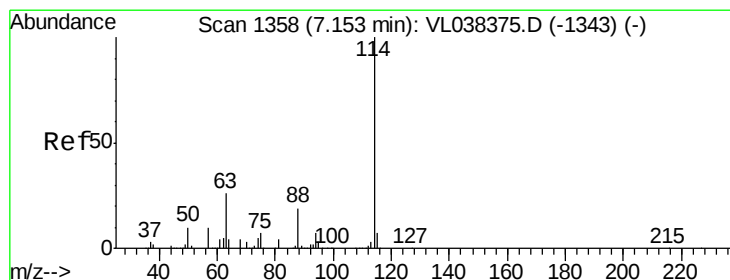
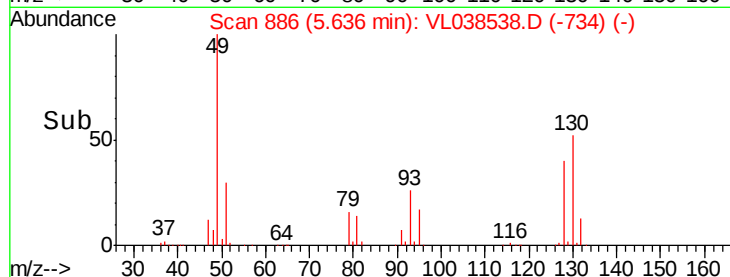
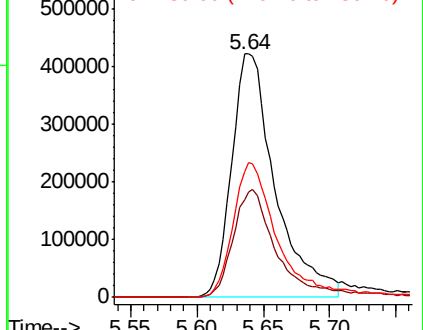
130 57.9 30.1 90.5



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: 10.000 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. -0.01 min

Lab File: VL038538.D

Acq: 4 Mar 2022 17:43

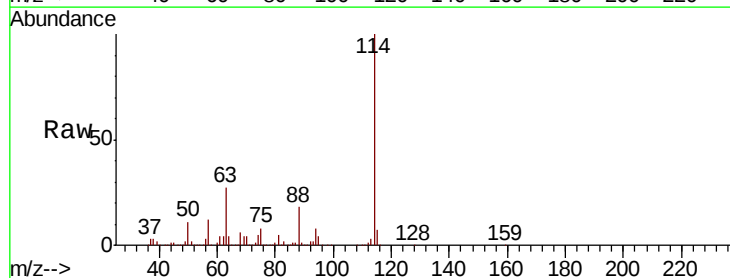
Tgt Ion:114 Resp: 2230352

Ion Ratio Lower Upper

114 100

63 28.5 22.2 33.2

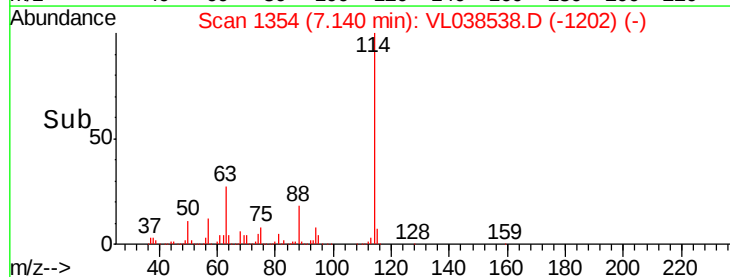
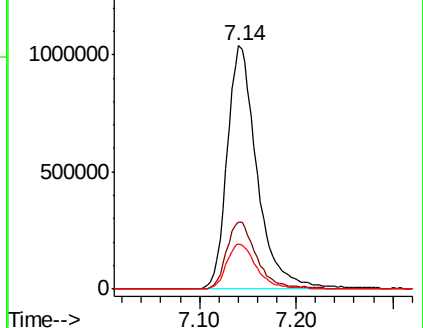
88 19.1 15.2 22.8

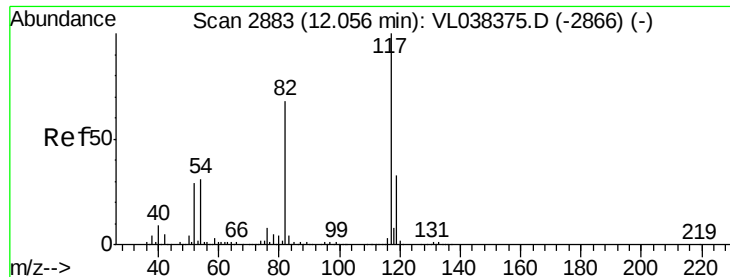


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

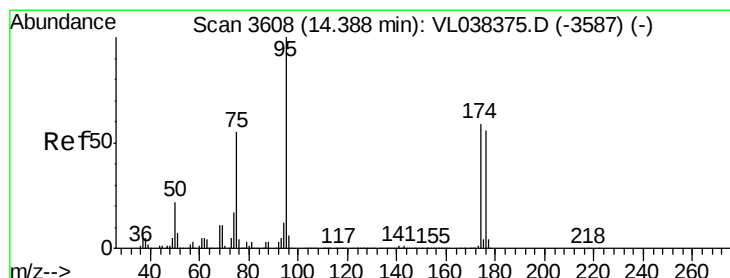
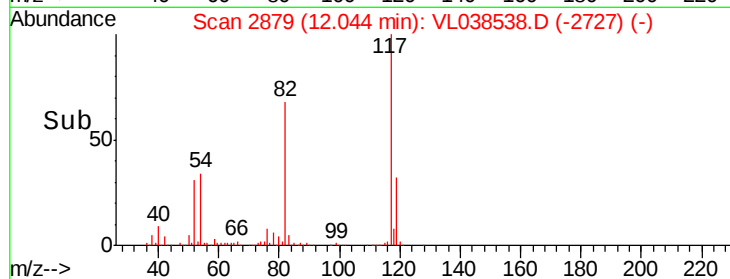
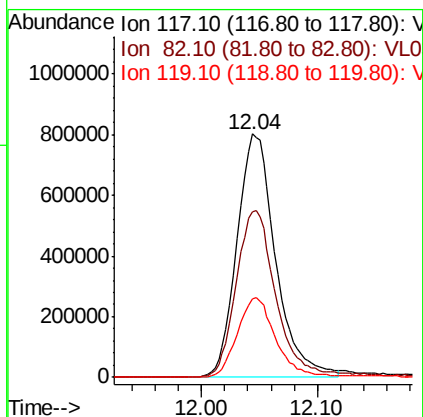
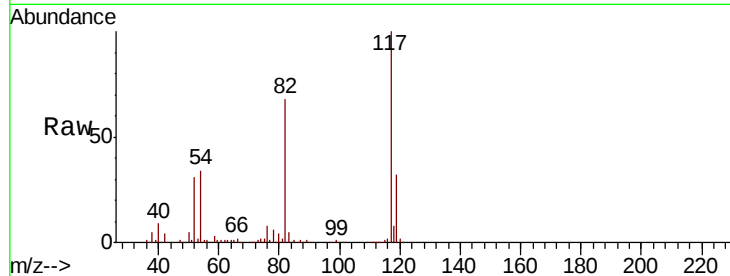
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 4 Mar 2022 17:43

Tot Ion: 117 Resp: 1861026
 Ion Ratio Lower Upper
 117 100
 82 72.4 54.9 82.3
 119 33.5 46.1 69.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.260 ppbv
 RT: 14.37 min Scan# 3604
 Delta R.T.: -0.01 min
 Lab File: VL038538.D
 Acq: 4 Mar 2022 17:43

Tgt Ion: 95 Resp: 1425827
 Ion Ratio Lower Upper
 95 100
 174 60.8 49.0 73.4
 175 4.2 3.6 5.4

