

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038493.D
 Acq On : 2 Mar 2022 22:15
 Operator : SY/AP
 Sample : CAN 10794
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10794

Quant Time: Mar 03 00:20:56 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	5.67	49	861421	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2245573	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1921001	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1573893	9.90	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

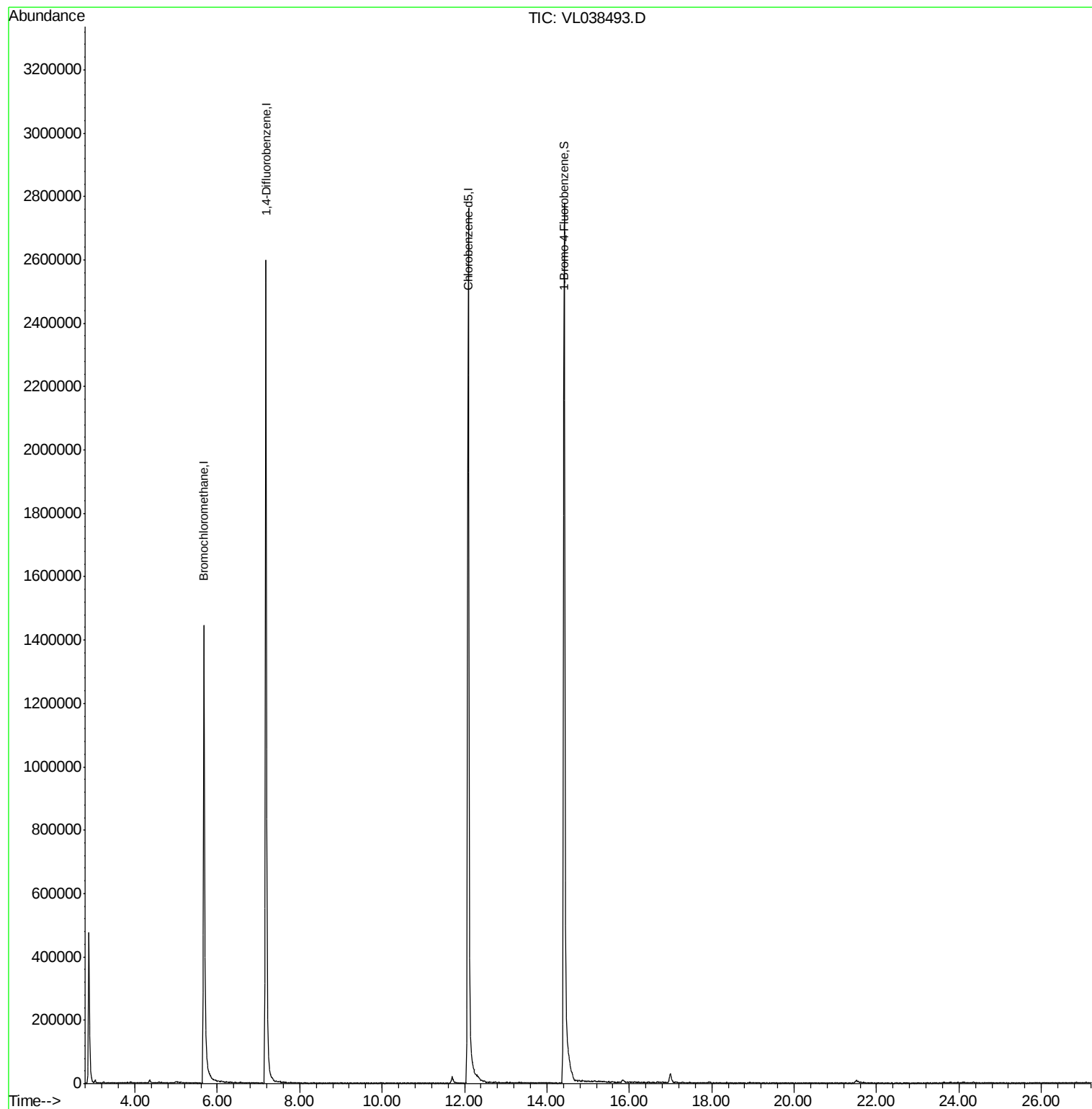
Target Compounds	Ovalue

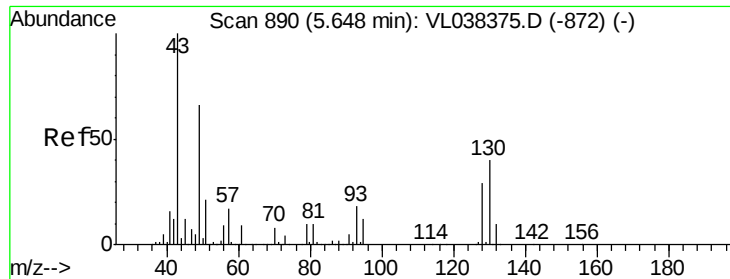
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 2 Mar 2022 22:15

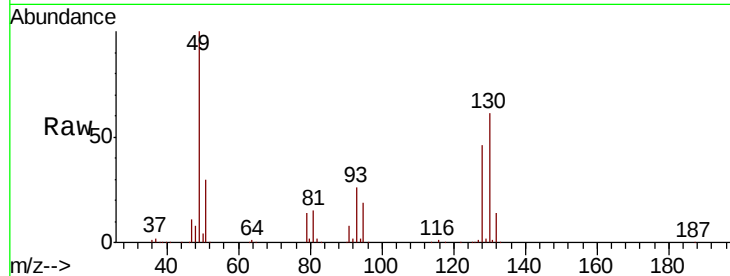
Tot Ion: 49 Resp: 861421

Ion Ratio Lower Upper

49 100

128 50.4 24.3 72.9

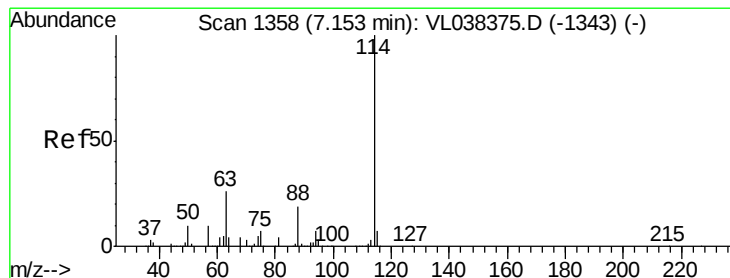
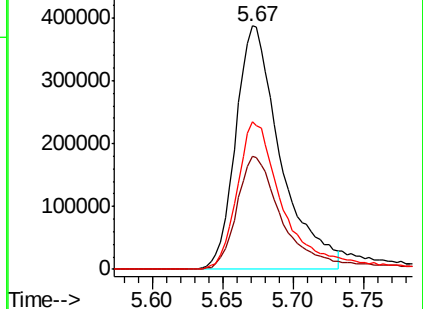
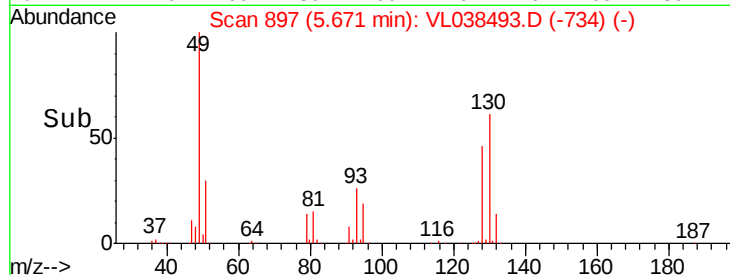
130 65.4 30.1 90.5



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: 7.18 min Scan# 1366

Delta R.T. 0.03 min

Lab File: VL038493.D

Acq: 2 Mar 2022 22:15

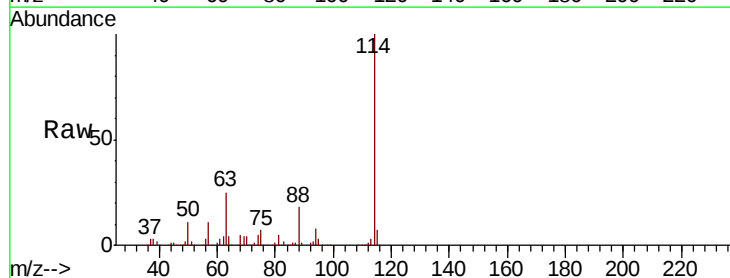
Tgt Ion: 114 Resp: 2245573

Ion Ratio Lower Upper

114 100

63 26.3 22.2 33.2

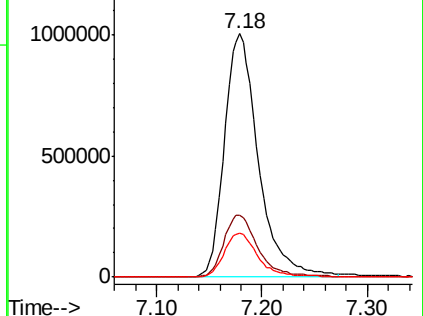
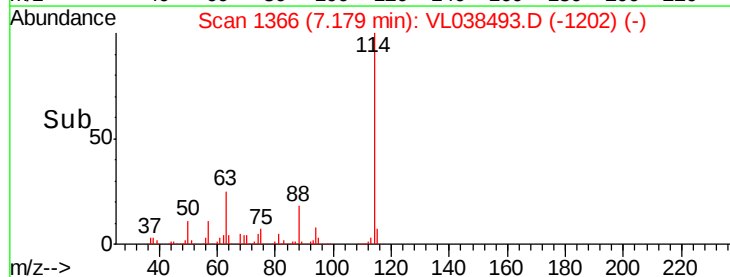
88 18.4 15.2 22.8

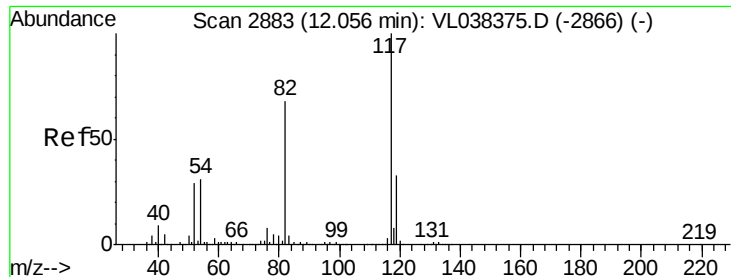


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

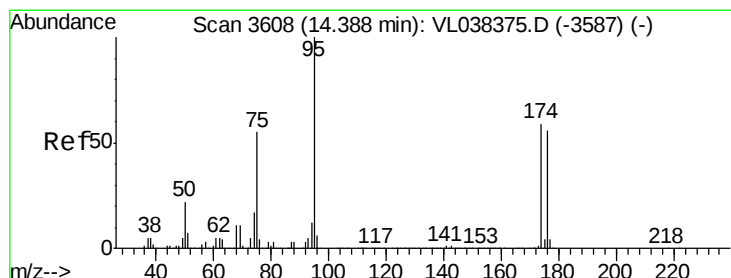
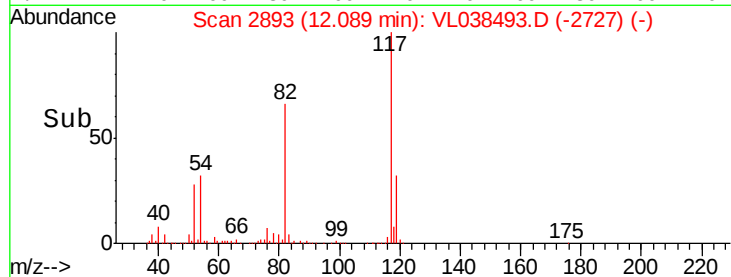
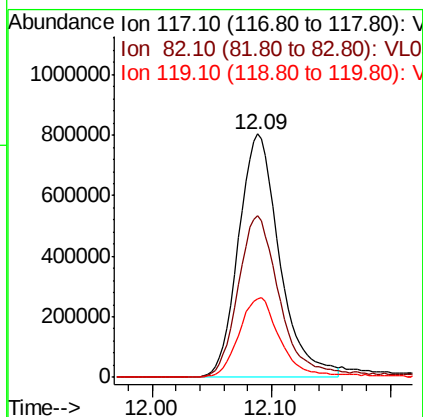
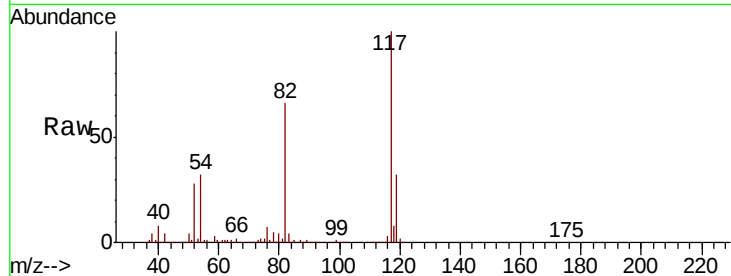
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 22:15

Tot Ion: 117 Resp: 1921001
 Ion Ratio Lower Upper
 117 100
 82 70.4 54.9 82.3
 119 33.9 46.1 69.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.902 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T.: 0.03 min
 Lab File: VL038493.D
 Acq: 2 Mar 2022 22:15

Tgt Ion: 95 Resp: 1573893
 Ion Ratio Lower Upper
 95 100
 174 62.0 49.0 73.4
 175 4.4 3.6 5.4

