

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
Data File : VL038985.D
Acq On : 5 May 2022 23:12
Operator : SY/AP
Sample : QC042722 CAN 10607
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC042722 CAN 10607

Quant Time: May 06 10:52:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	988568	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2262148	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1890436	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1547405	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

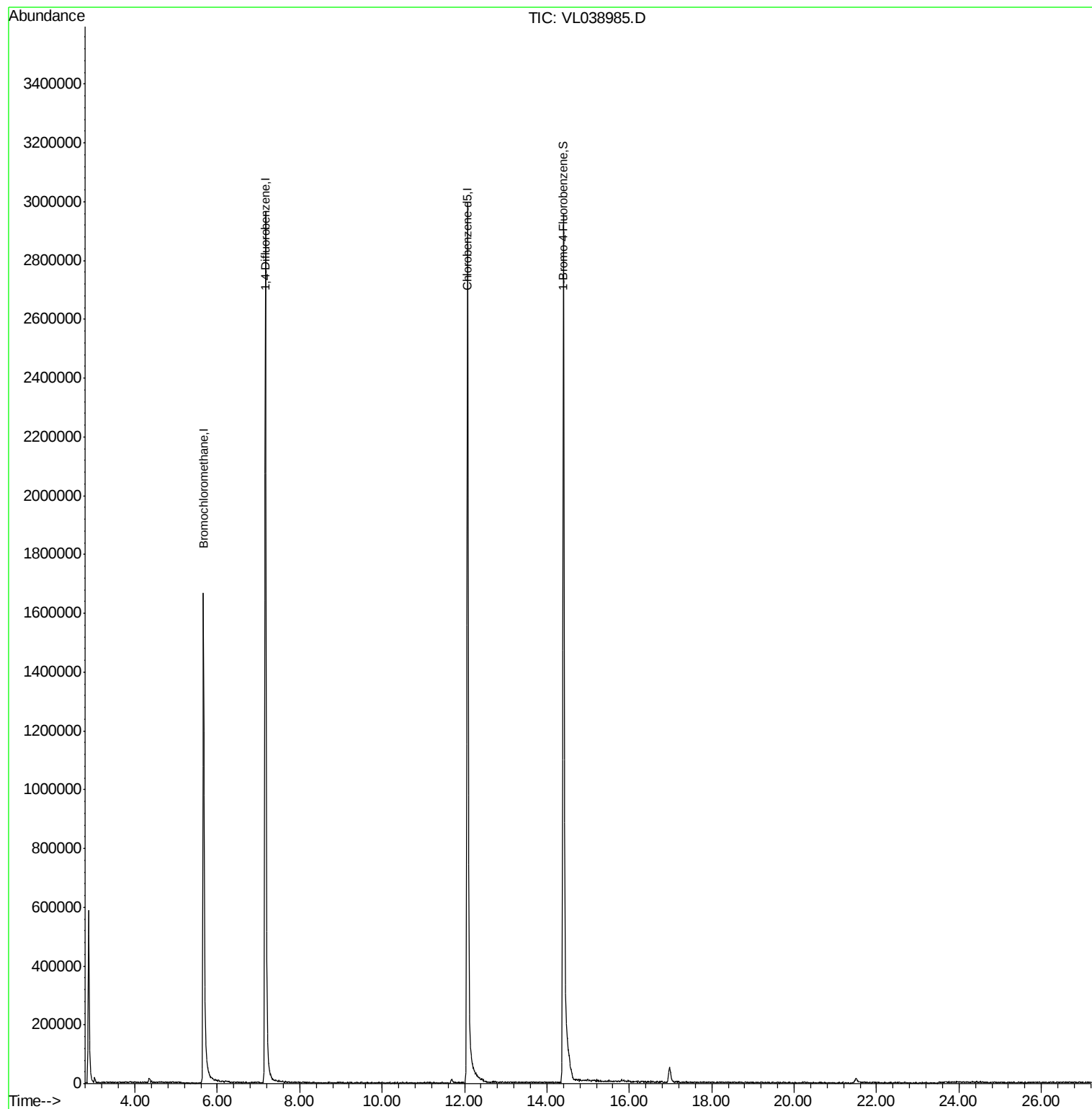
Target Compounds	Ovalue
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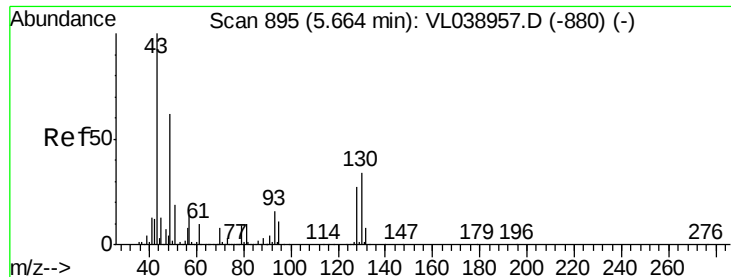
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 5 May 2022 23:12

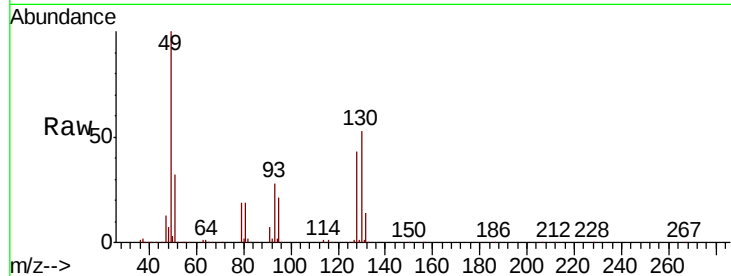
Tot Ion: 49 Resp: 988568

Ion Ratio Lower Upper

49 100

128 46.2 23.3 69.8

130 58.9 29.8 89.3



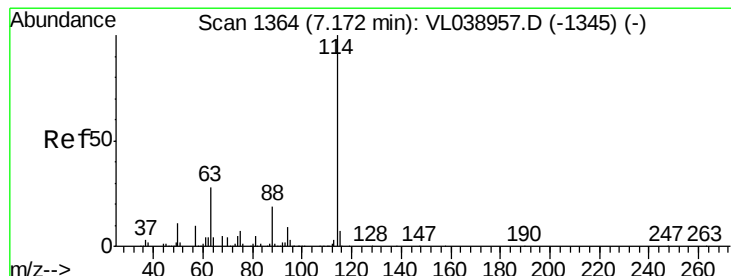
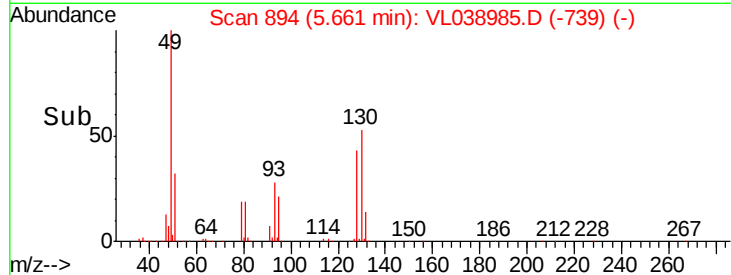
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VL038985.D

Acq: 5 May 2022 23:12

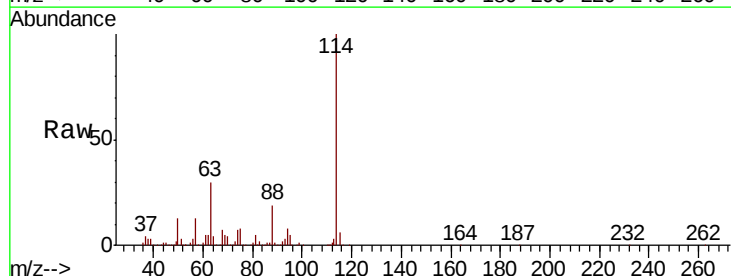
Tgt Ion: 114 Resp: 2262148

Ion Ratio Lower Upper

114 100

63 30.2 22.6 33.8

88 20.0 15.4 23.0



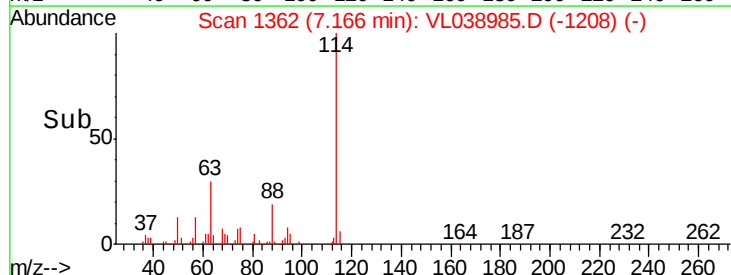
Abundance Ion 114.10 (113.80 to 114.80): VL0

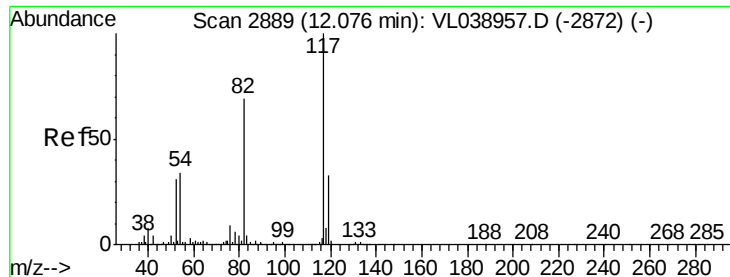
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.17

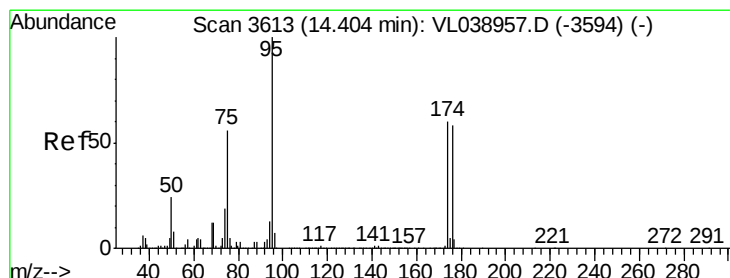
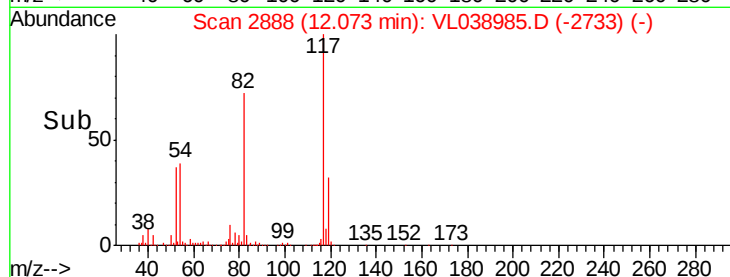
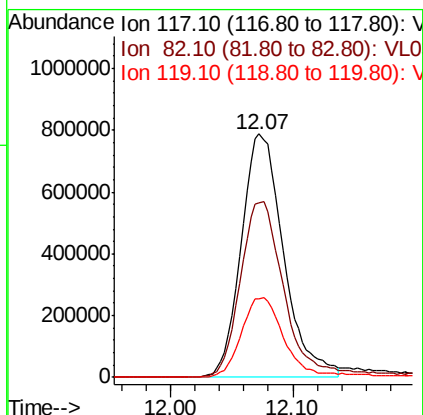
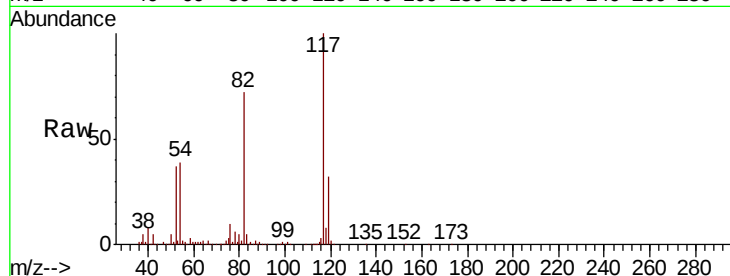
Time-->





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 OC042722 CAN 10607
 Acq: 5 May 2022 23:12

Tot Ion:117 Resp: 1890436
 Ion Ratio Lower Upper
 117 100
 82 78.9 57.0 85.6
 119 35.0 27.2 40.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.336 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T.: -0.00 min
 Lab File: VL038985.D
 Acq: 5 May 2022 23:12

Tgt Ion: 95 Resp: 1547405
 Ion Ratio Lower Upper
 95 100
 174 63.3 50.8 76.2
 175 4.3 3.8 5.6

