

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
Data File : VL038981.D
Acq On : 5 May 2022 20:39
Operator : SY/AP
Sample : QC050322 CAN 10267
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC050322 CAN 10267

Quant Time: May 06 08:56:58 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	1153729	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2867149	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2431270	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1849845	9.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

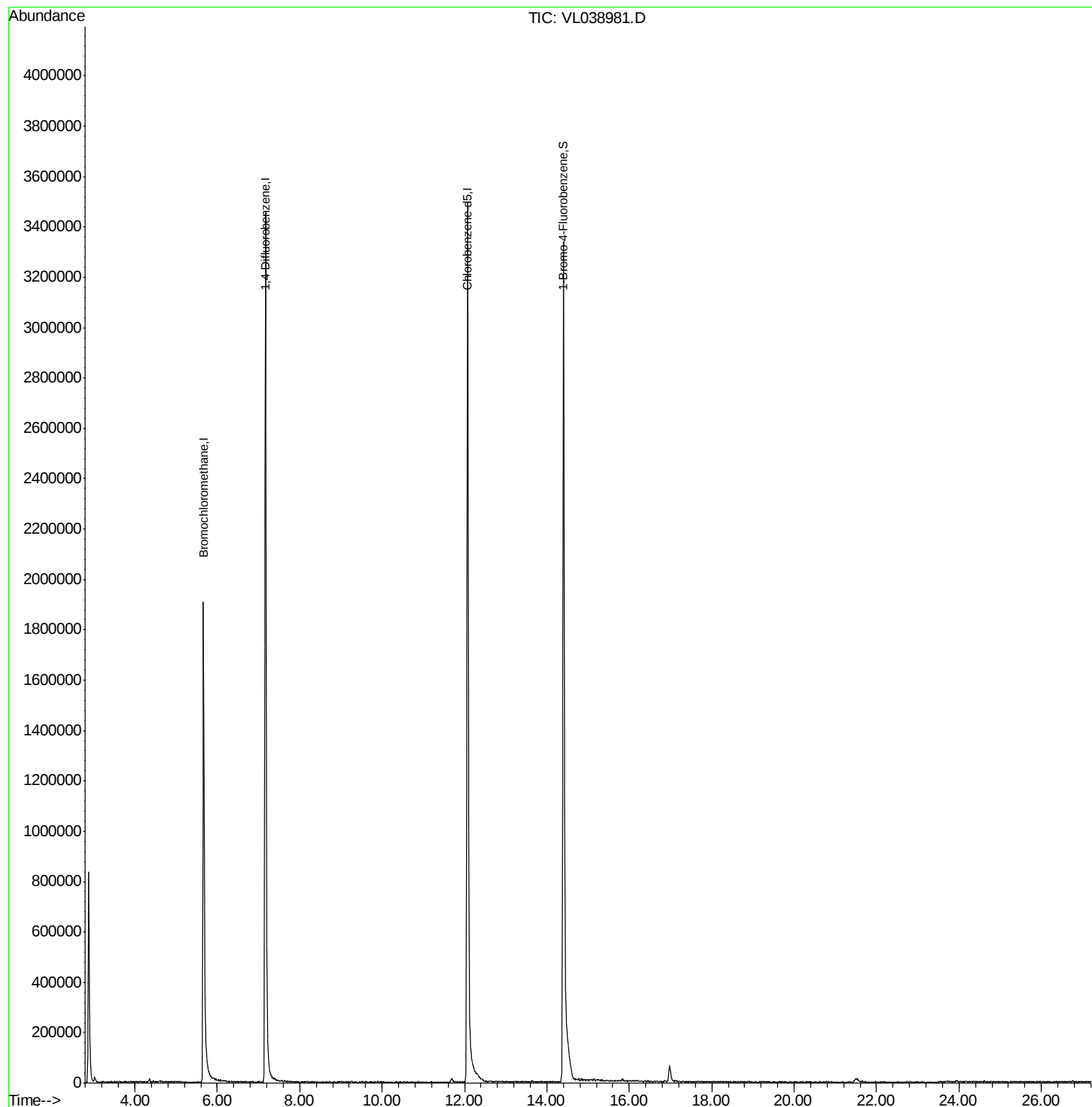
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 20:39

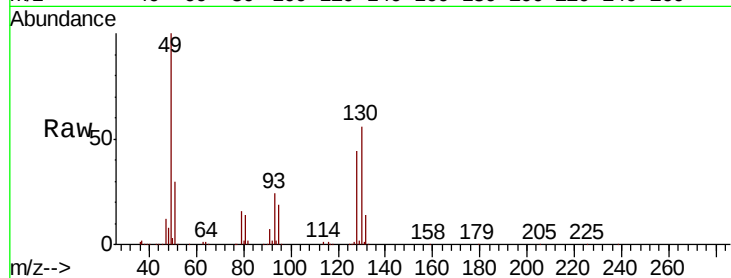
Tot Ion: 49 Resp: 1153729

Ion Ratio Lower Upper

49 100

128 48.0 23.3 69.8

130 60.9 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

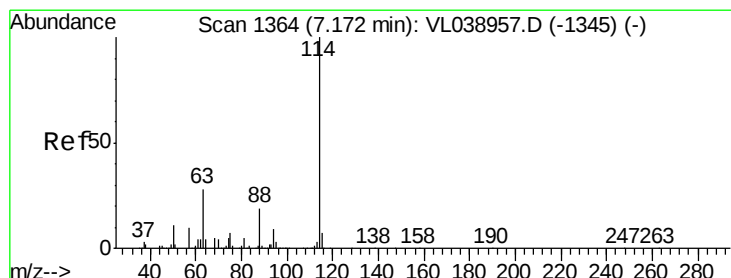
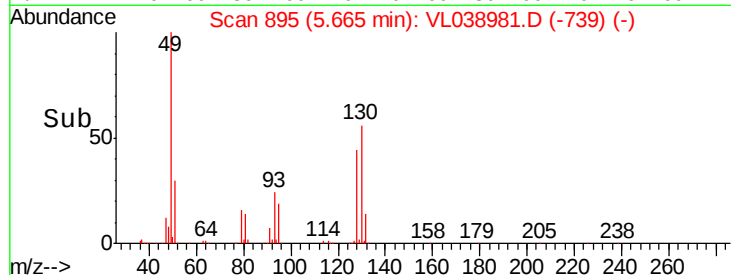
600000

400000

200000

0

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VL038981.D

Acq: 5 May 2022 20:39

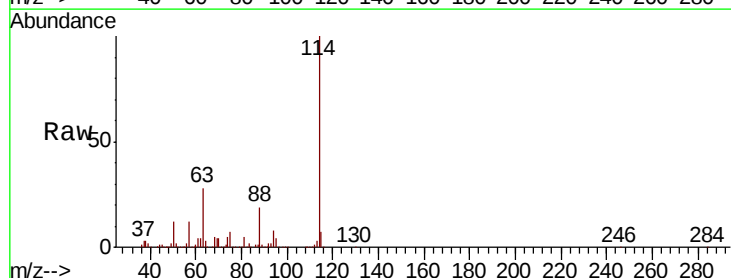
Tgt Ion: 114 Resp: 2867149

Ion Ratio Lower Upper

114 100

63 27.8 22.6 33.8

88 19.3 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

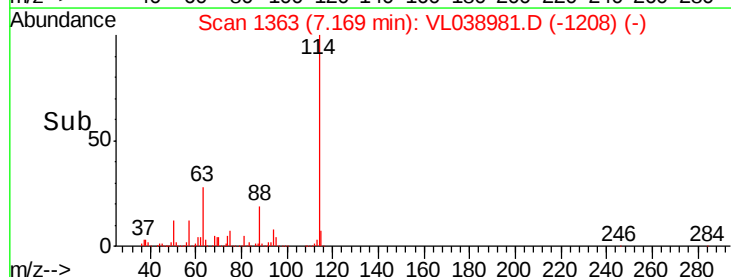
1500000

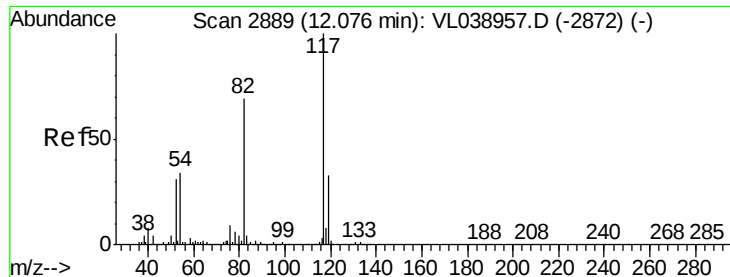
1000000

500000

0

Time-->

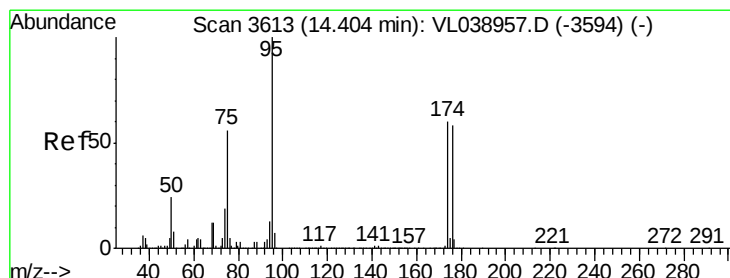
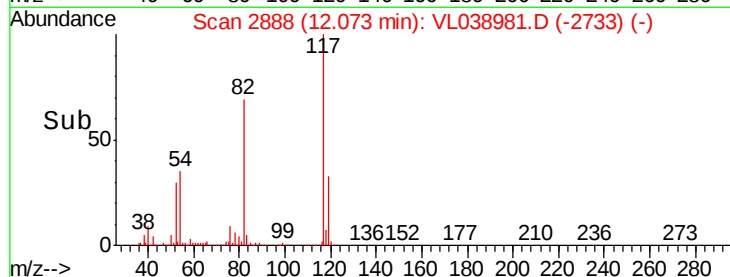
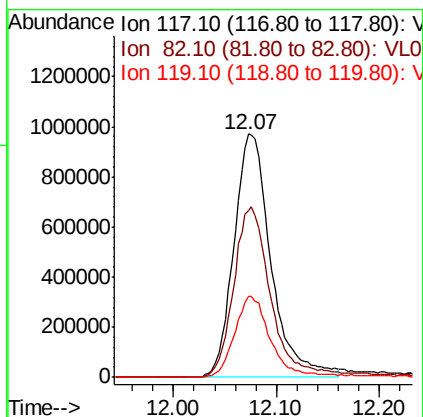
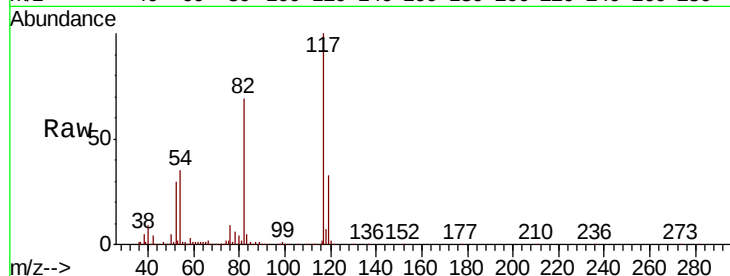




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: QC050322.CAN.10267
 Acq: 5 May 2022 20:39

Tot Ion: 117 Resp: 2431270

Ion	Ratio	Lower	Upper
117	100		
82	72.3	57.0	85.6
119	33.4	27.2	40.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.607 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T.: 0.00 min
 Lab File: VL038981.D
 Acq: 5 May 2022 20:39

Tgt Ion: 95 Resp: 1849845

Ion	Ratio	Lower	Upper
95	100		
174	66.9	50.8	76.2
175	4.5	3.8	5.6

