

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051821\
Data File : VL036969.D
Acq On : 18 May 2021 15:06
Operator : SY/AP
Sample : QC051221 CAN 10283
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC051221 CAN 10283

Quant Time: May 19 11:50:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1275006	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3594924	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3276206	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2475503	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

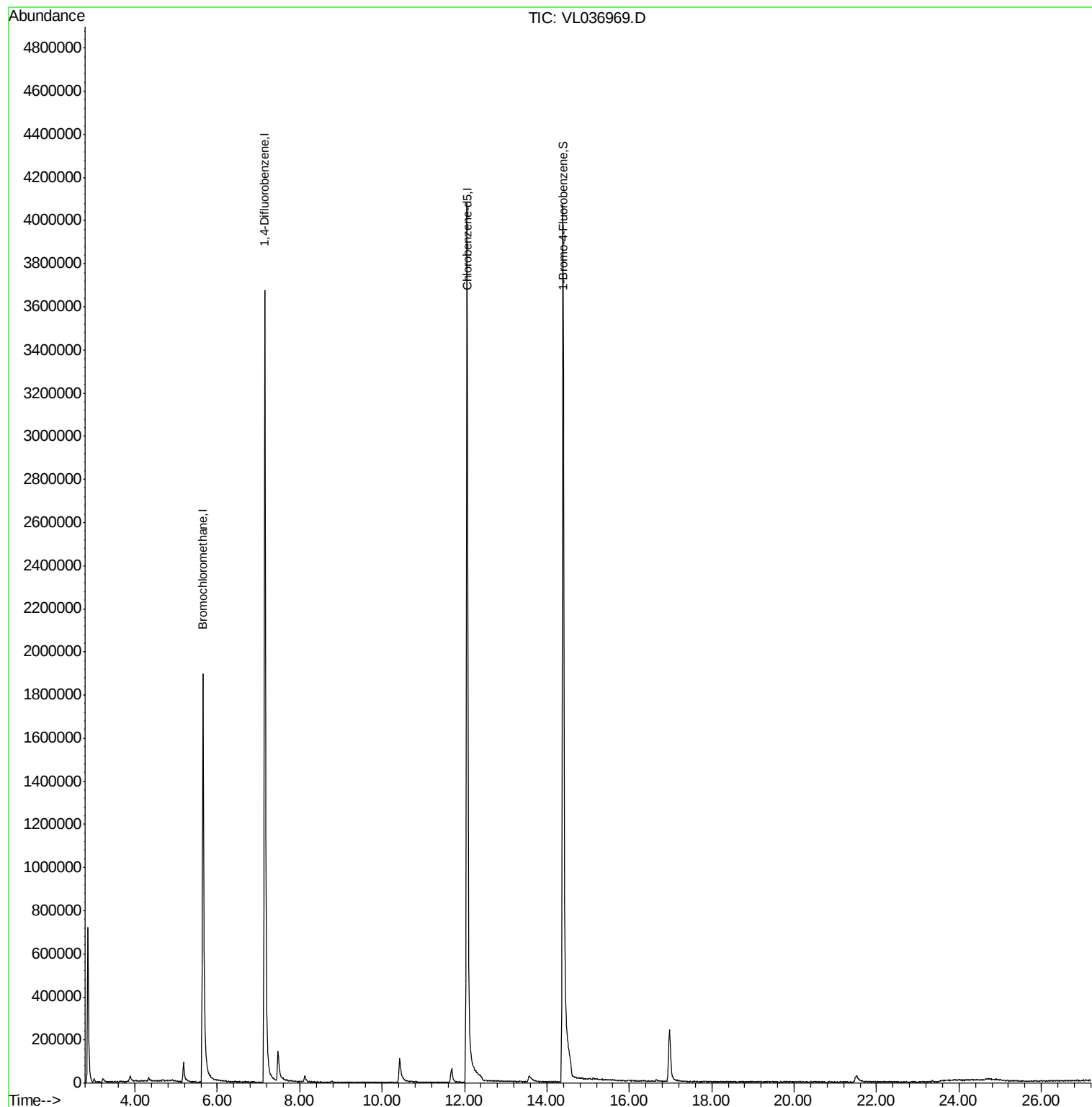
Target Compounds	Ovalue
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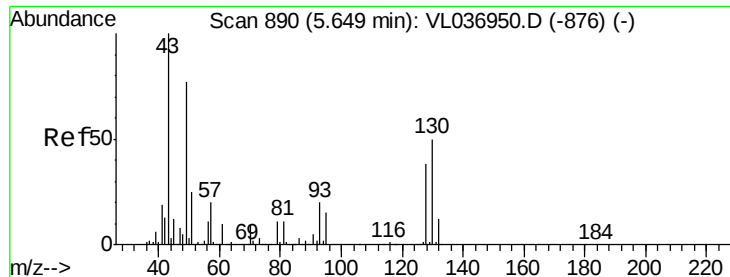
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

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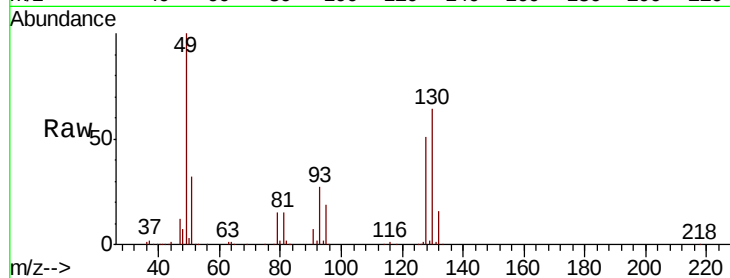
Tot Ion: 49 Resp: 1275006

Ion Ratio Lower Upper

49 100

128 52.5 26.9 80.7

130 69.3 33.8 101.4



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

5.65

600000

500000

400000

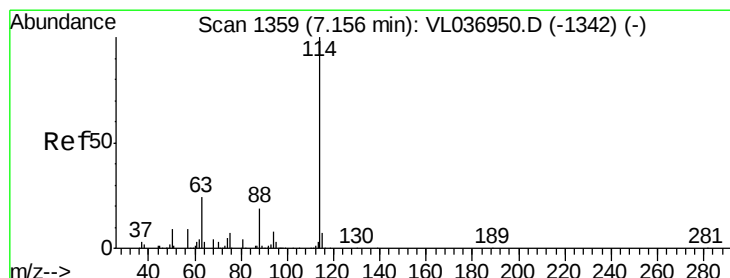
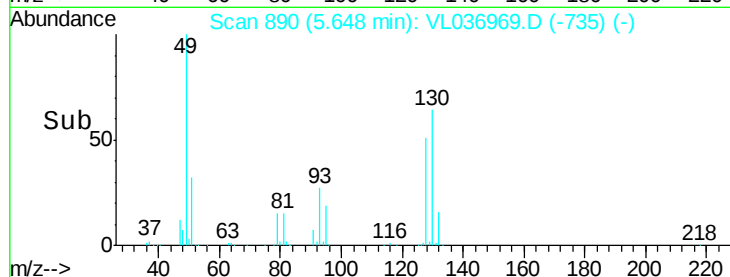
300000

200000

100000

0

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VL036969.D

Acq: 18 May 2021 15:06

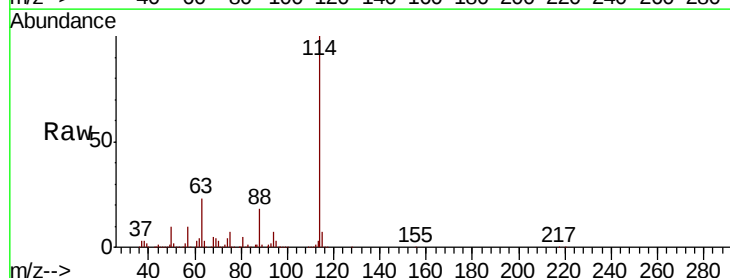
Tgt Ion: 114 Resp: 3594924

Ion Ratio Lower Upper

114 100

63 24.1 19.6 29.4

88 18.0 14.6 21.8



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

2000000

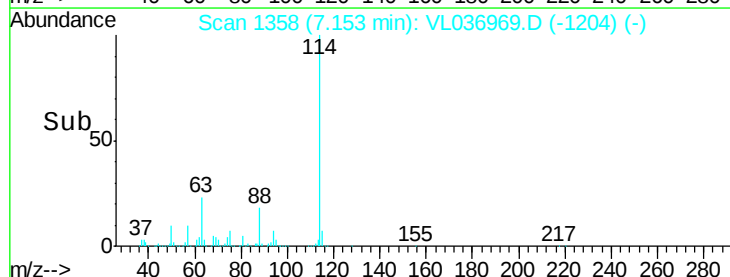
1500000

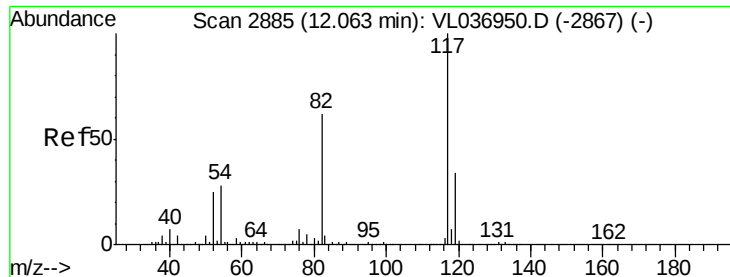
1000000

500000

0

Time-->





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.00 min

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Acq: 18 May 2021 15:06

Instrument :

MSVOA_L

ClientSampleId :

QC051221 CAN 10283

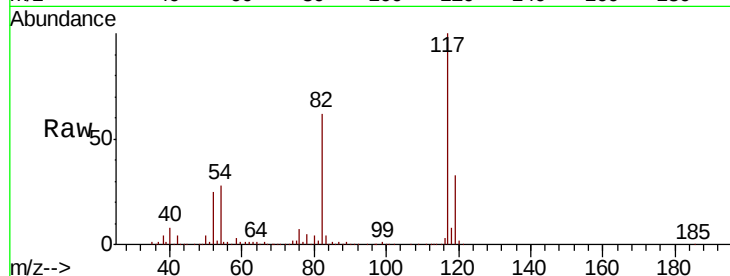
Tot Ion:117 Resp: 3276206

Ion Ratio Lower Upper

117 100

82 64.9 52.6 79.0

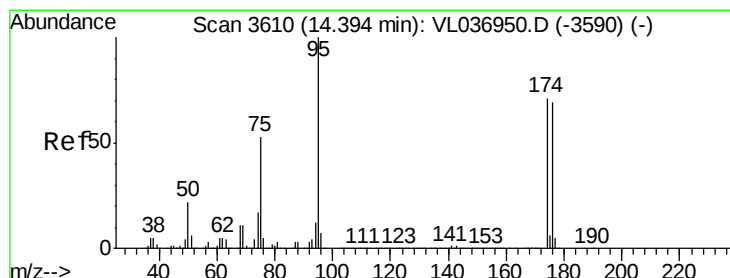
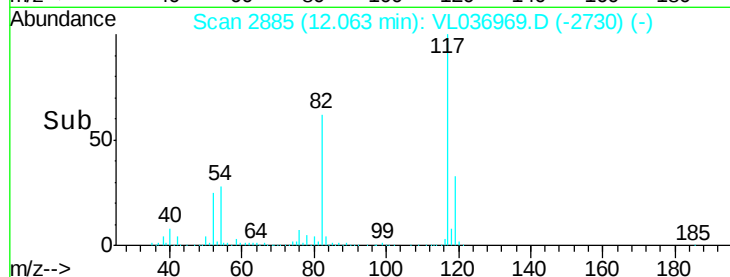
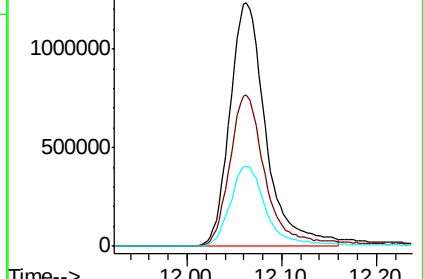
119 34.0 46.6 70.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.058 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.00 min

Lab File: VL036969.D

Acq: 18 May 2021 15:06

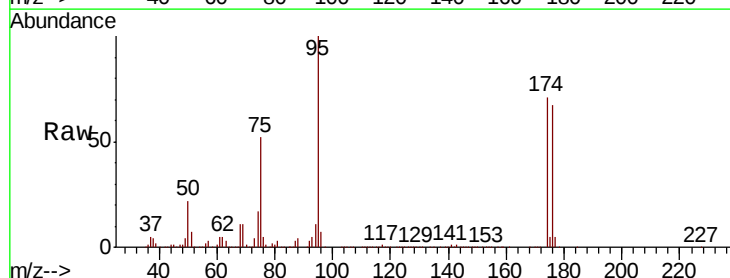
Tgt Ion: 95 Resp: 2475503

Ion Ratio Lower Upper

95 100

174 76.0 58.4 87.6

175 5.5 4.4 6.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

