

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051821\
 Data File : VL036961.D
 Acq On : 18 May 2021 10:11
 Operator : SY/AP
 Sample : QC051121 CAN 10604
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC051121 CAN 10604

Quant Time: May 19 11:48:17 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	1311625	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3724643	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3409622	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2555240	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

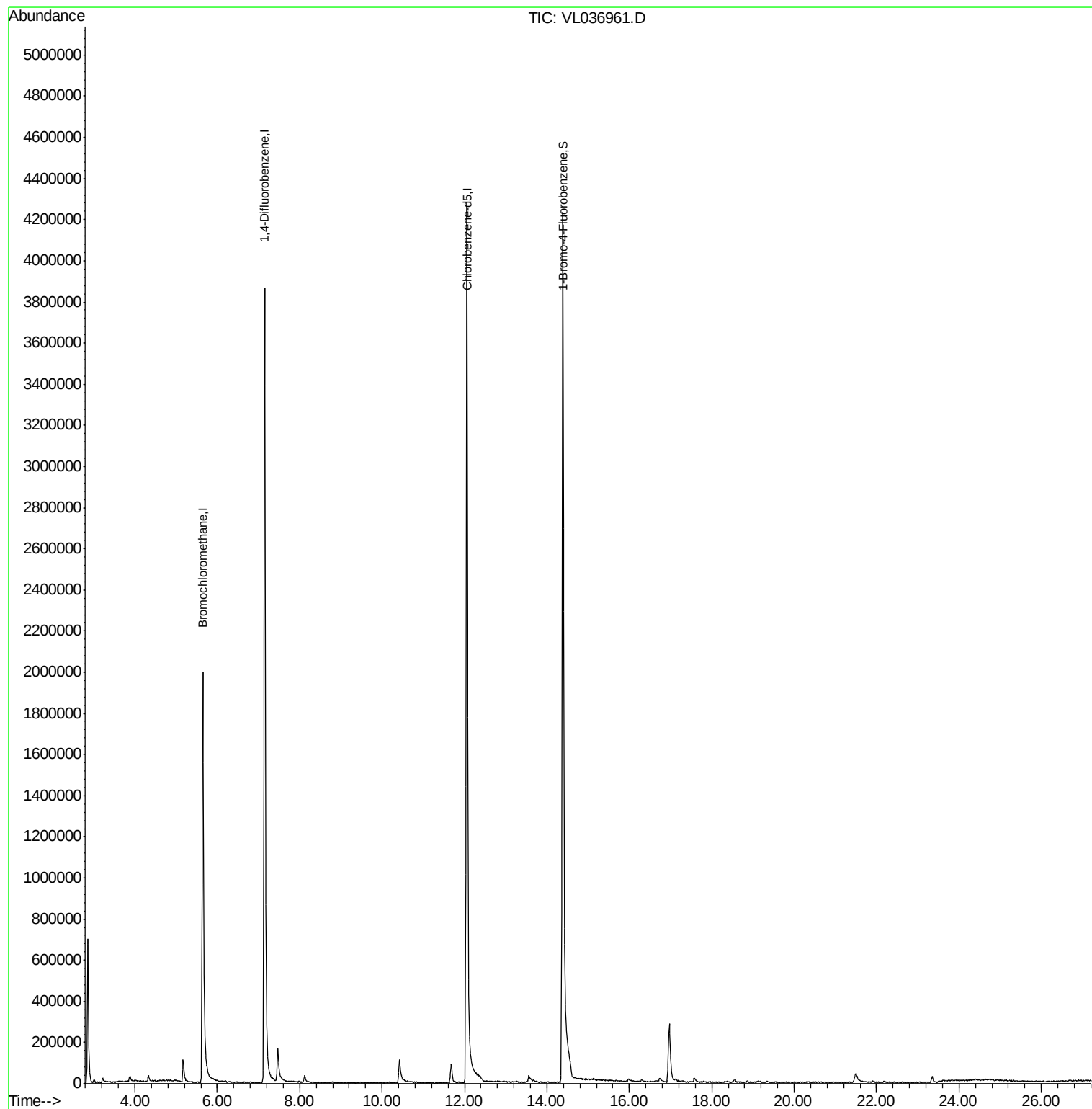
Target Compounds	Ovalue

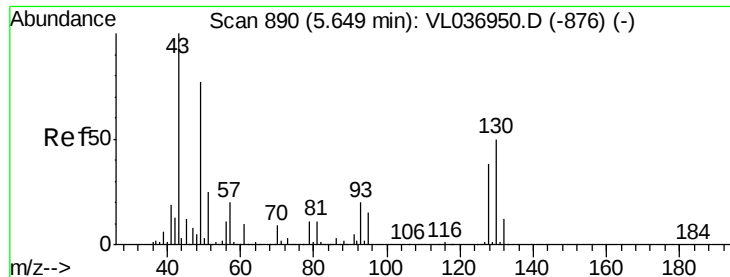
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_L
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QC051121 CAN 10604

Quant Time: May 19 11:48:17 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.00 min

Lab File: VL036961.D

Acq: 18 May 2021 10:11

Instrument :

MSVOA_L

ClientSampleId :

QC051121 CAN 10604

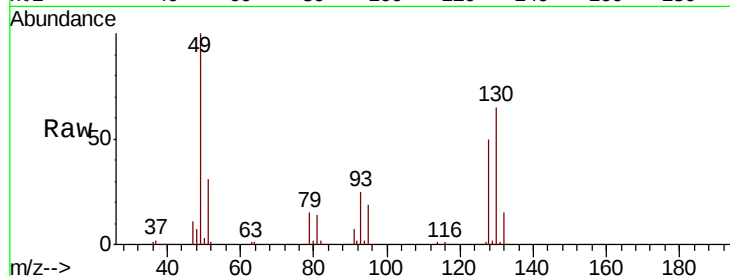
Tot Ion: 49 Resp: 1311625

Ion Ratio Lower Upper

49 100

128 54.1 26.9 80.7

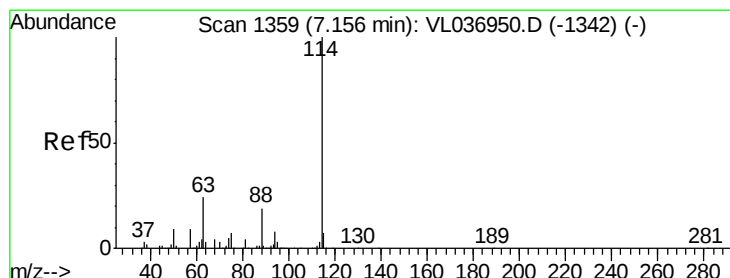
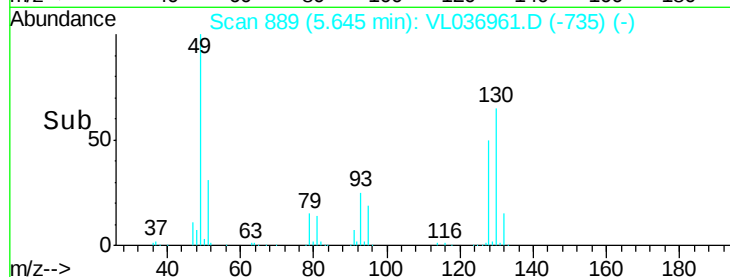
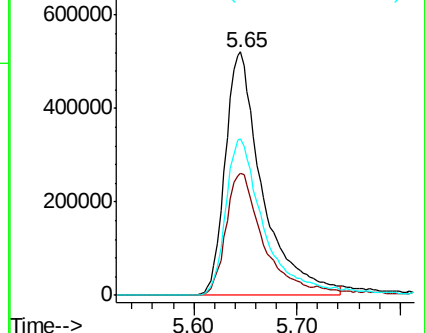
130 69.8 33.8 101.4



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VL036961.D

Acq: 18 May 2021 10:11

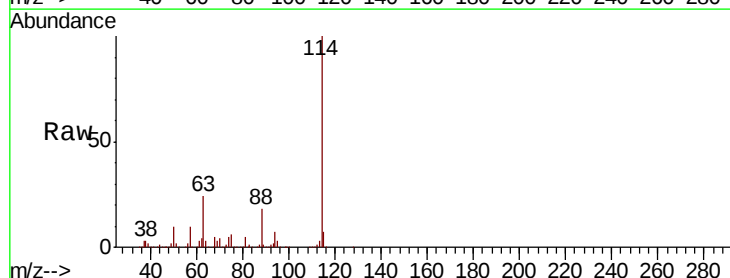
Tgt Ion: 114 Resp: 3724643

Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

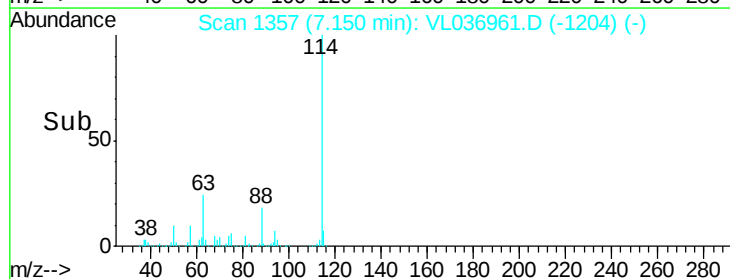
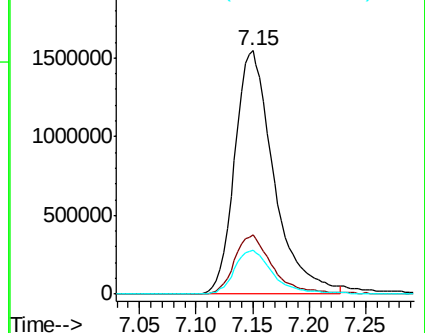
88 18.2 14.6 21.8

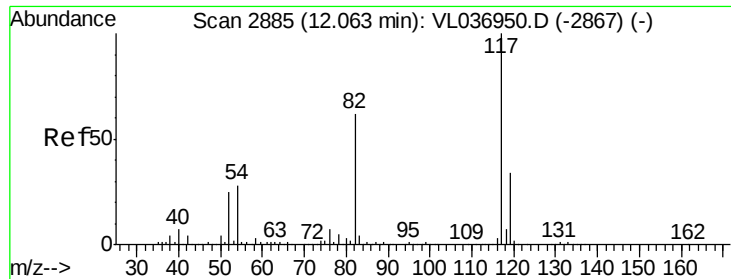


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. -0.01 min

Lab File: VL036961.D

Acq: 18 May 2021 10:11

Instrument :

MSVOA_L

ClientSampleId :

QC051121 CAN 10604

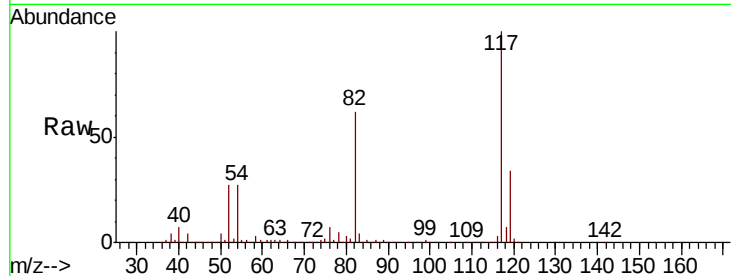
Tot Ion:117 Resp: 3409622

Ion Ratio Lower Upper

117 100

82 64.1 52.6 79.0

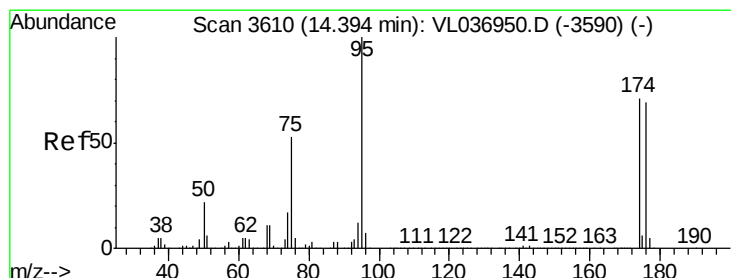
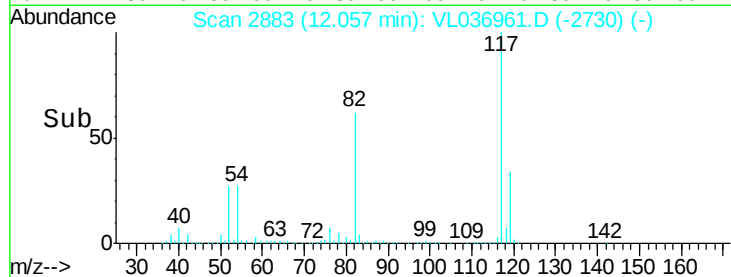
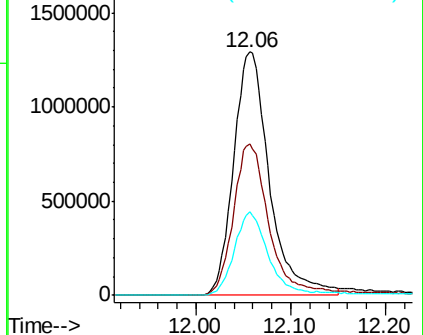
119 34.5 46.6 70.0#



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: 9.976 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.01 min

Lab File: VL036961.D

Acq: 18 May 2021 10:11

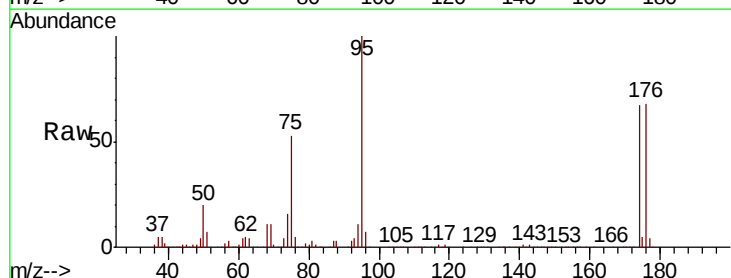
Tgt Ion: 95 Resp: 2555240

Ion Ratio Lower Upper

95 100

174 77.0 58.4 87.6

175 5.7 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

