

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
 Data File : VL036338.D
 Acq On : 11 Feb 2021 4:33
 Operator : SY/AP
 Sample : QC020421 CAN 10597
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC020421 CAN 10597

Quant Time: Feb 11 09:57:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1632513	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3602844	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3221416	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2633556	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

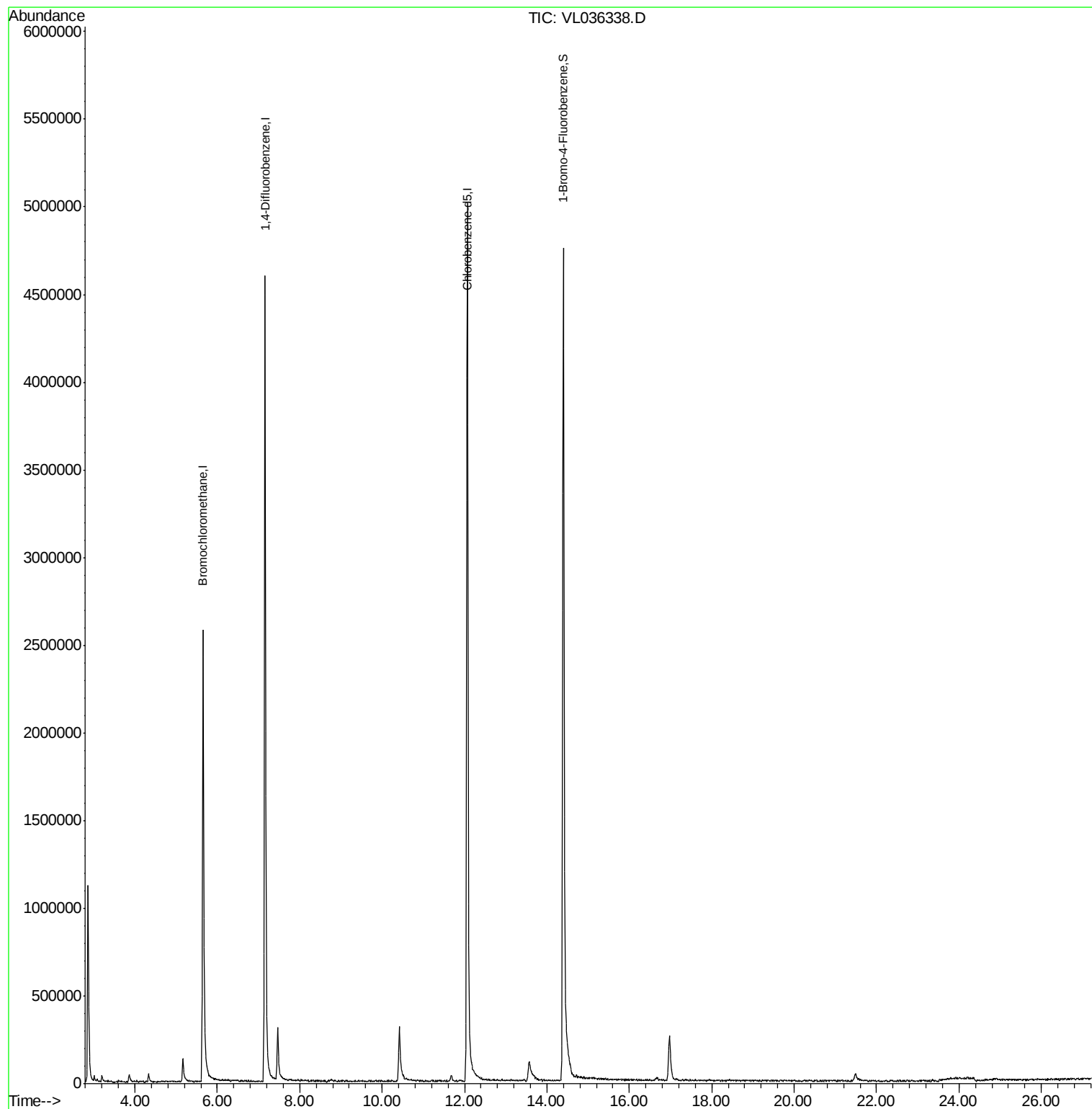
Target Compounds	Ovalue

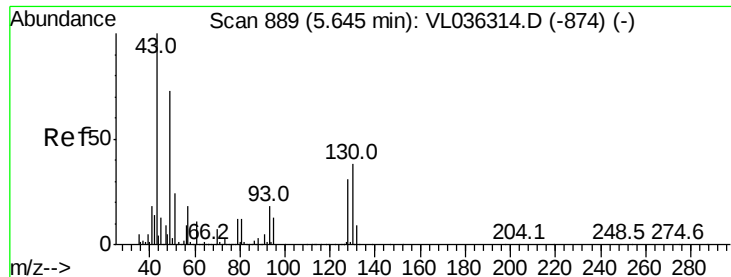
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC020421 CAN 10597

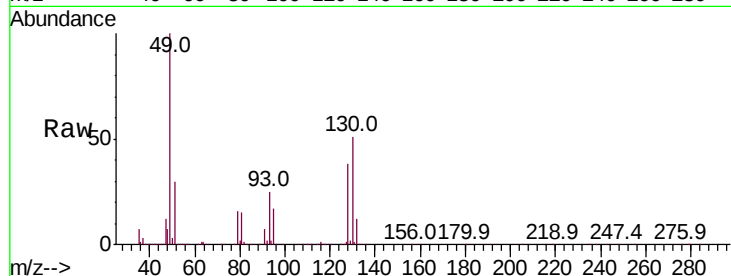
Tot Ion: 49 Resp: 1632513

Ion Ratio Lower Upper

49 100

128 41.8 20.8 62.5

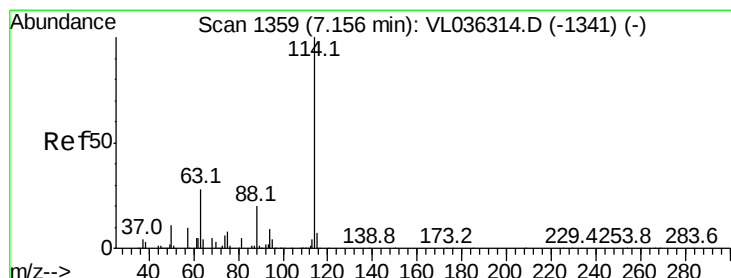
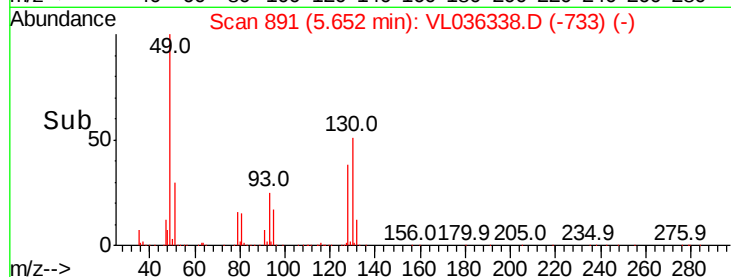
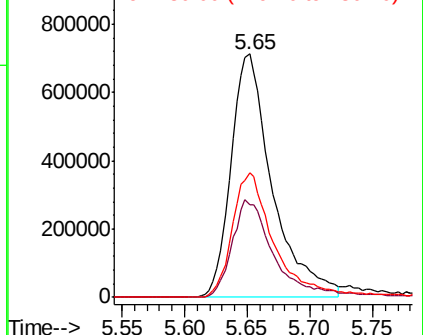
130 53.4 26.7 80.1



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: 7.16 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VL036338.D

Acq: 11 Feb 2021 4:33

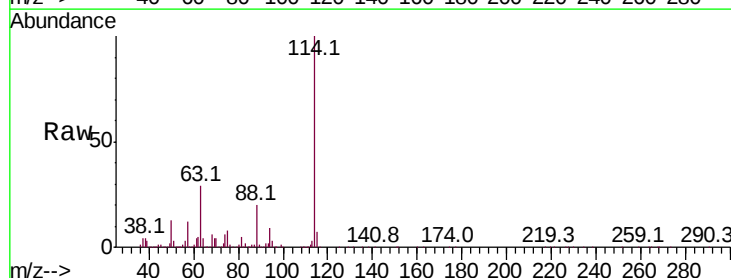
Tgt Ion: 114 Resp: 3602844

Ion Ratio Lower Upper

114 100

63 29.9 24.1 36.1

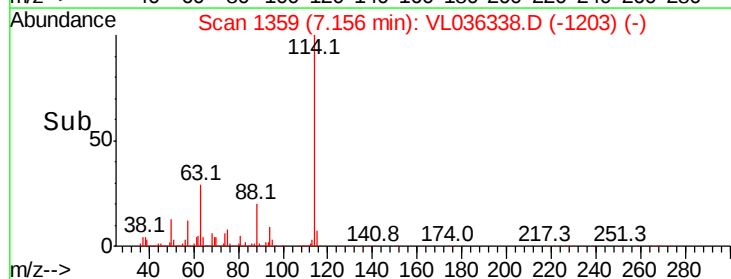
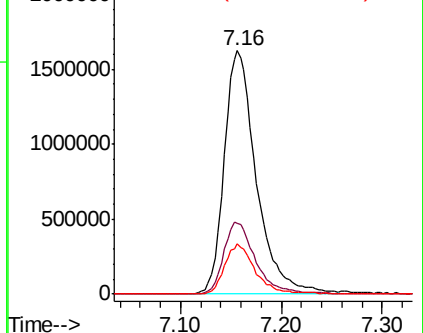
88 20.0 16.0 24.0

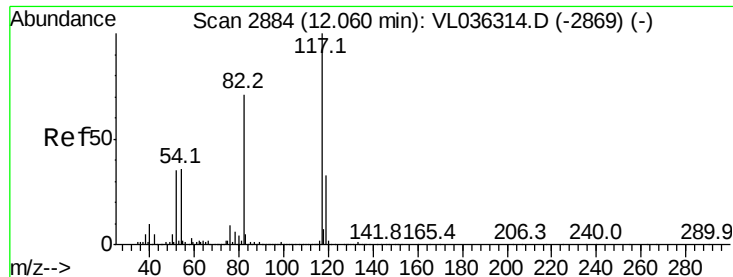


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. 0.01 min

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ClientSampleId :

QC020421 CAN 10597

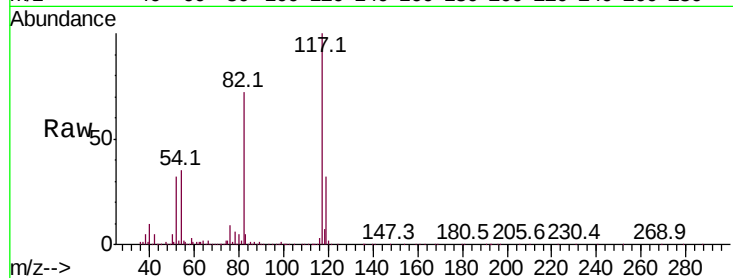
Tot Ion:117 Resp: 3221416

Ion Ratio Lower Upper

117 100

82 75.9 59.1 88.7

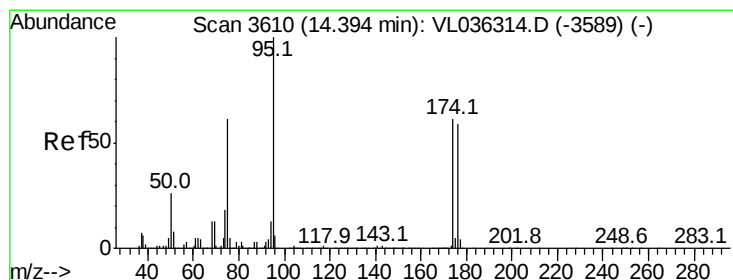
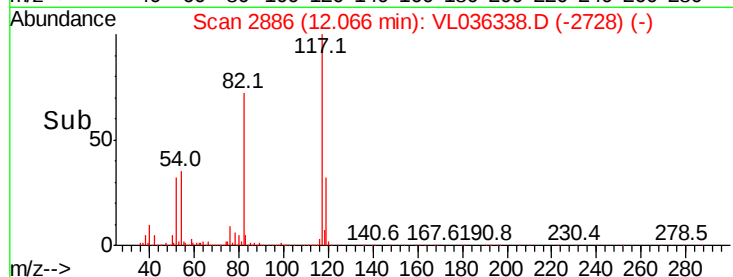
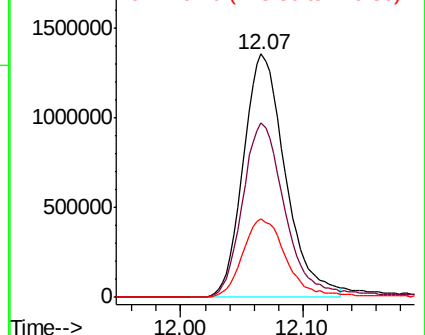
119 34.4 46.3 69.5#



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: 9.936 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. 0.00 min

Lab File: VL036338.D

Acq: 11 Feb 2021 4:33

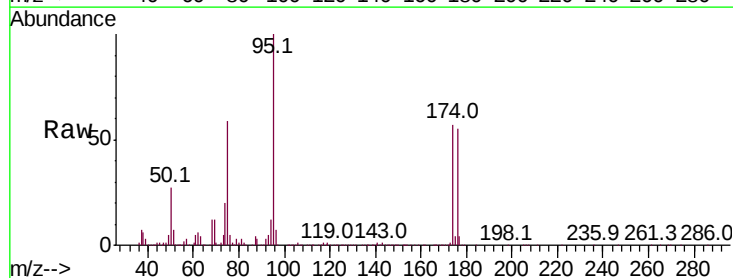
Tgt Ion: 95 Resp: 2633556

Ion Ratio Lower Upper

95 100

174 64.8 49.8 74.6

175 4.7 3.7 5.5



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

