

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091721\
 Data File : VL037651.D
 Acq On : 18 Sep 2021 9:23
 Operator : SY/AP
 Sample : OC091721 CAN 10296
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091721 CAN 10296

Quant Time: Sep 20 01:51:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1309503	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3792580	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3205854	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2185240	9.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.30%

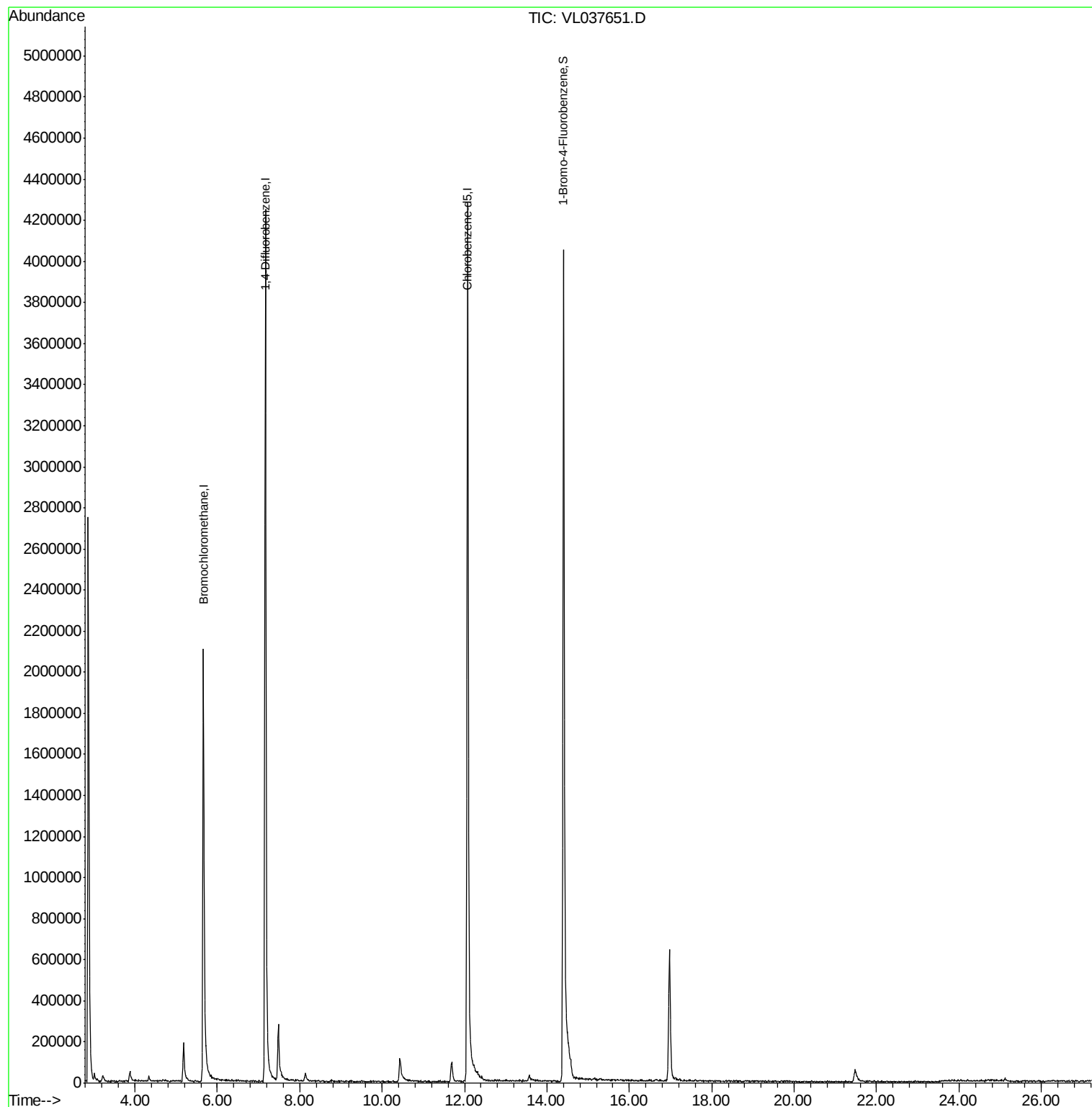
Target Compounds	Ovalue

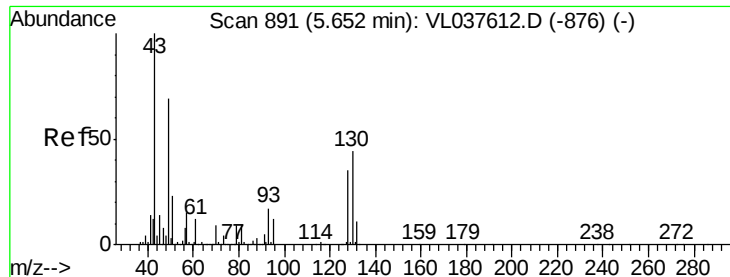
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

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MSVOA_L

ClientSampleId :

QC091721 CAN 10296

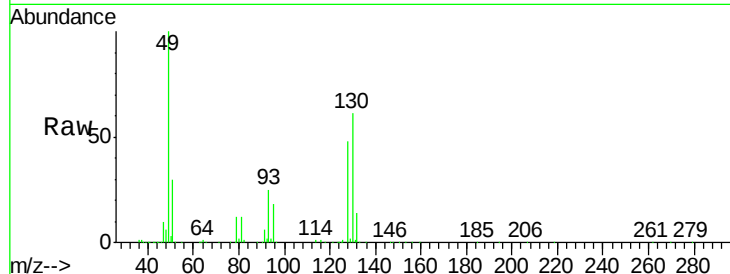
Tot Ion: 49 Resp: 1309503

Ion Ratio Lower Upper

49 100

128 54.7 27.9 83.6

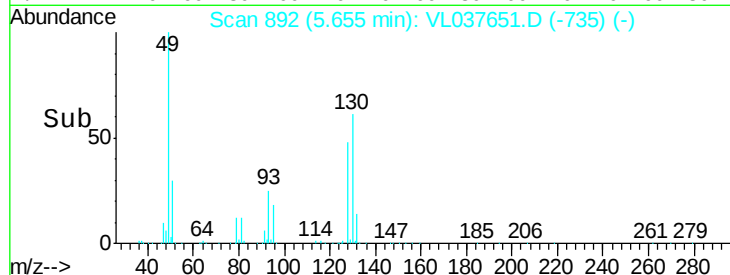
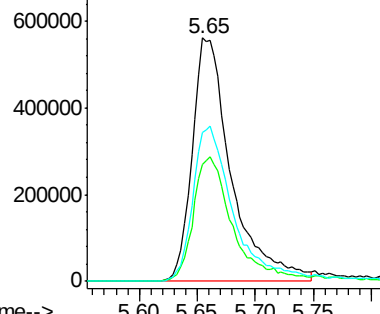
130 69.4 33.9 101.7



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: 7.17 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VL037651.D

Acq: 18 Sep 2021 9:23

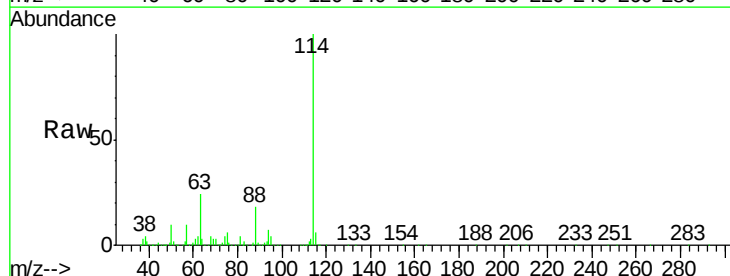
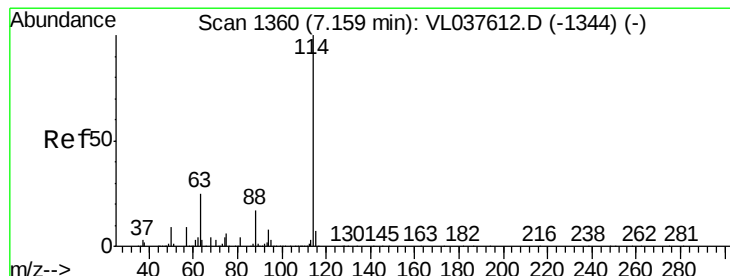
Tgt Ion: 114 Resp: 3792580

Ion Ratio Lower Upper

114 100

63 23.6 19.6 29.4

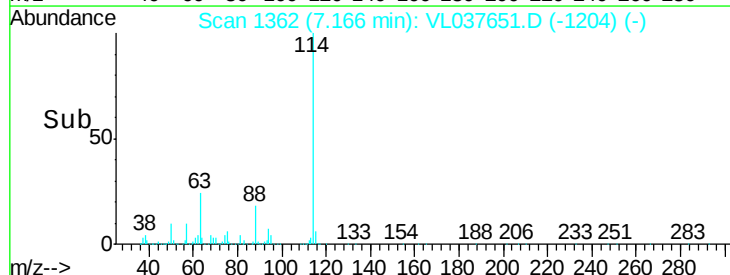
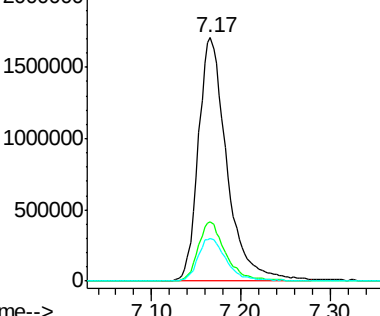
88 17.8 14.2 21.4

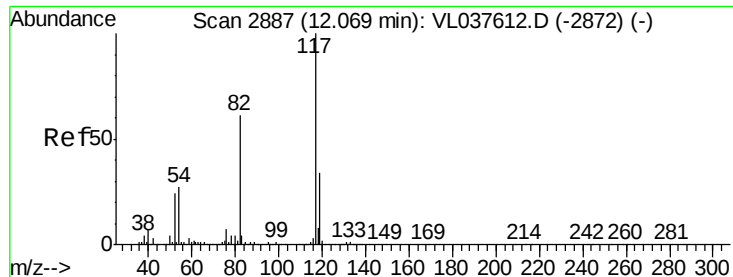


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: 12.08 min Scan# 2889

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

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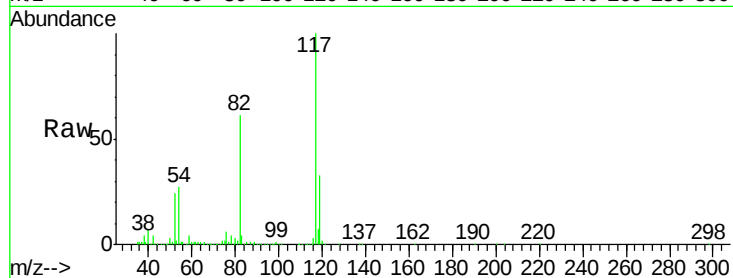
Tot Ion:117 Resp: 3205854

Ion Ratio Lower Upper

117 100

82 65.2 50.6 75.8

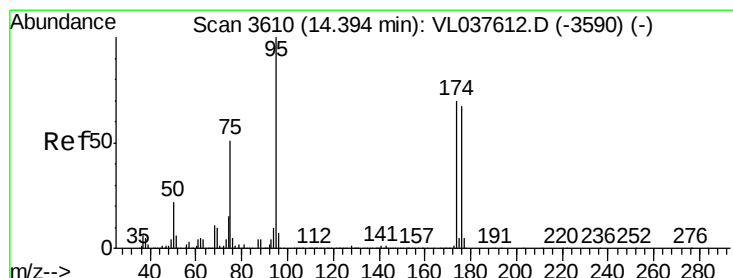
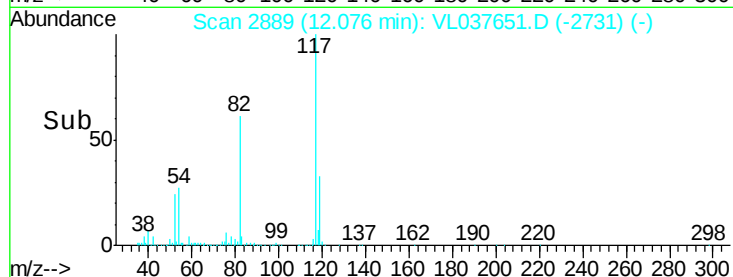
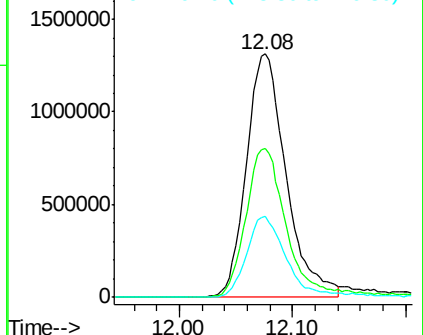
119 33.9 26.2 39.2



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: 9.432 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. 0.01 min

Lab File: VL037651.D

Acq: 18 Sep 2021 9:23

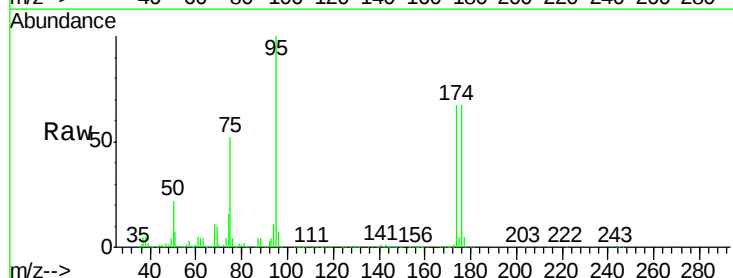
Tgt Ion: 95 Resp: 2185240

Ion Ratio Lower Upper

95 100

174 79.3 56.3 84.5

175 5.9 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

