

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035137.D
 Acq On : 30 Jun 2020 22:53
 Operator : SY/AP
 Sample : QC061720 CAN 10295
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061720 CAN 10295

Quant Time: Jul 01 15:00:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1124429	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2658135	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2440259	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2106118	10.39	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

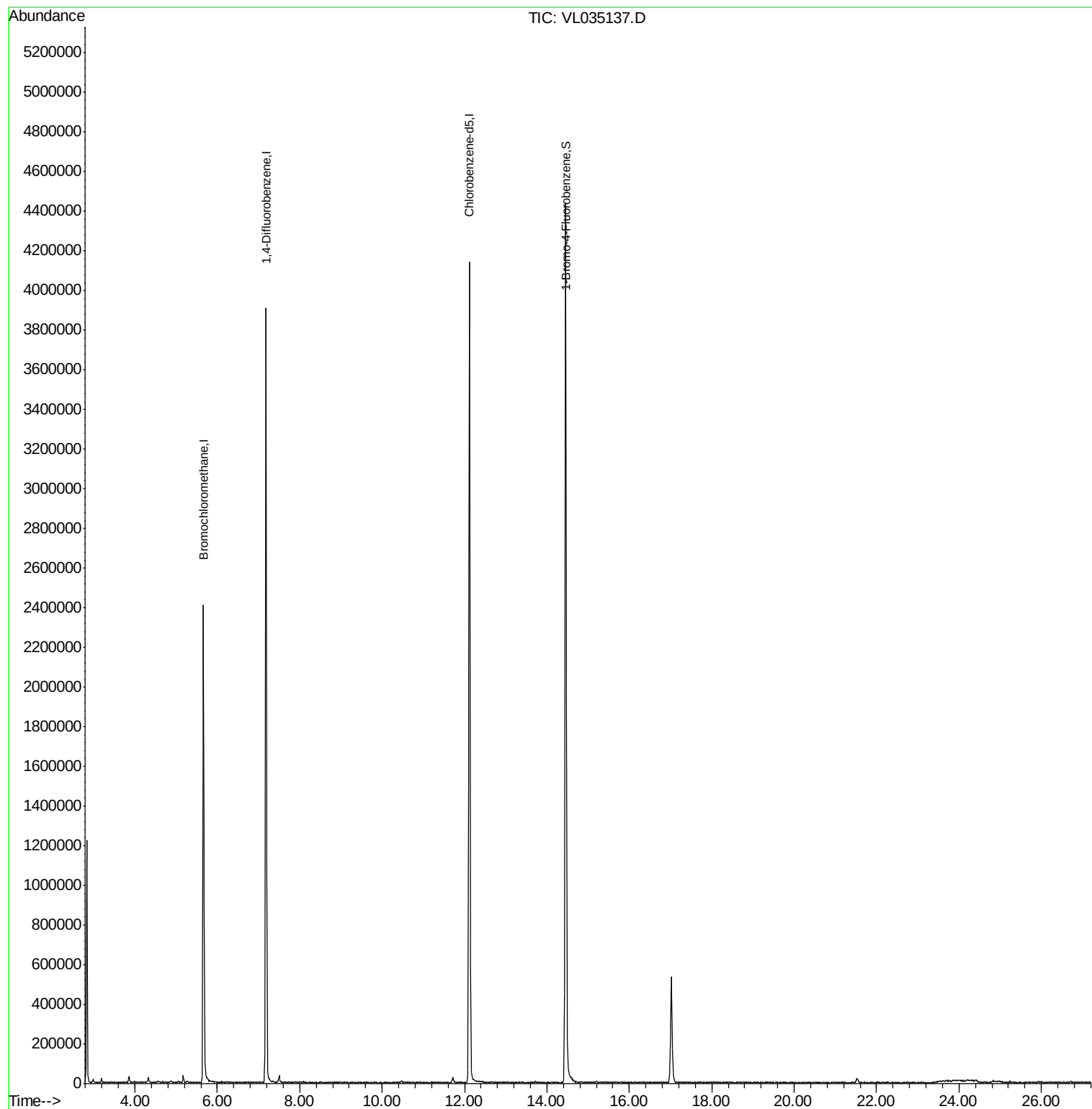
Target Compounds	Ovalue

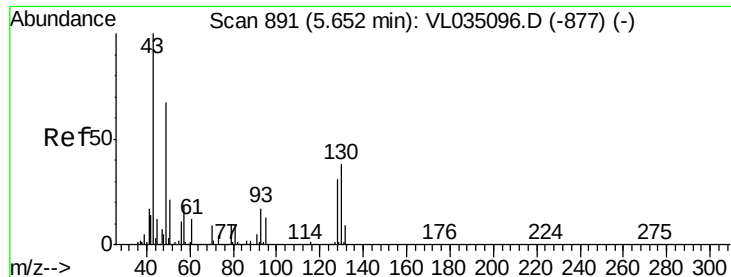
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 01 15:00:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC061720 CAN 10295

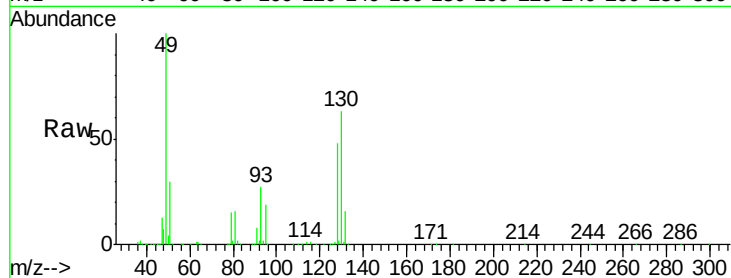
Tot Ion: 49 Resp: 1124429

Ion Ratio Lower Upper

49 100

128 47.6 22.9 68.5

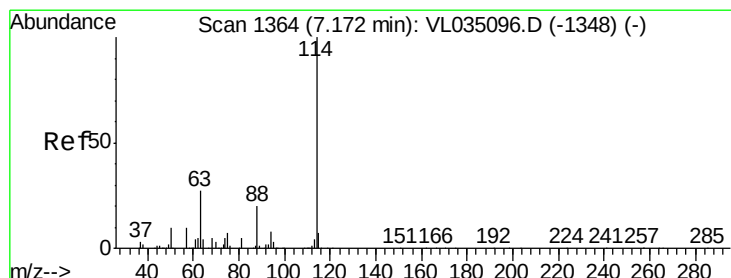
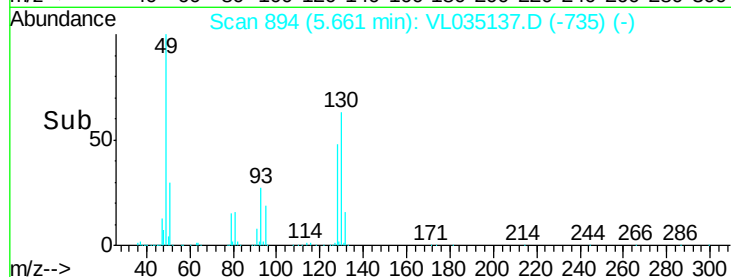
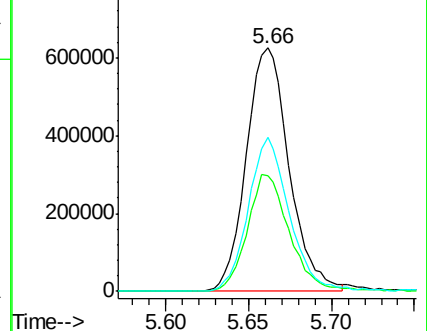
130 61.2 29.0 87.0



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: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL035137.D

Acq: 30 Jun 2020 22:53

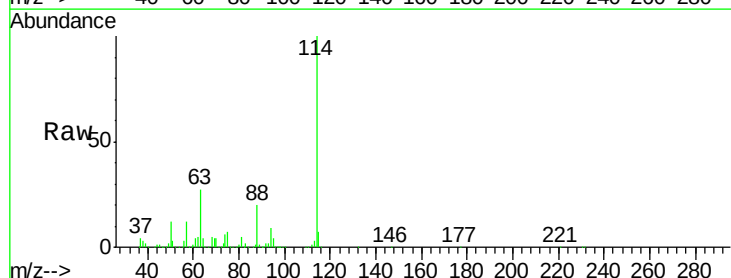
Tgt Ion: 114 Resp: 2658135

Ion Ratio Lower Upper

114 100

63 27.4 21.9 32.9

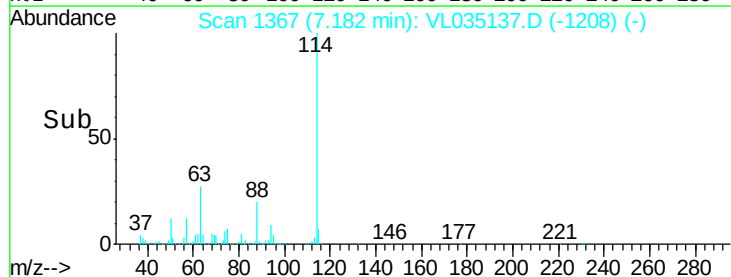
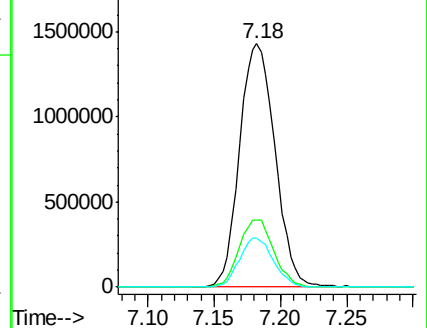
88 19.6 15.6 23.4

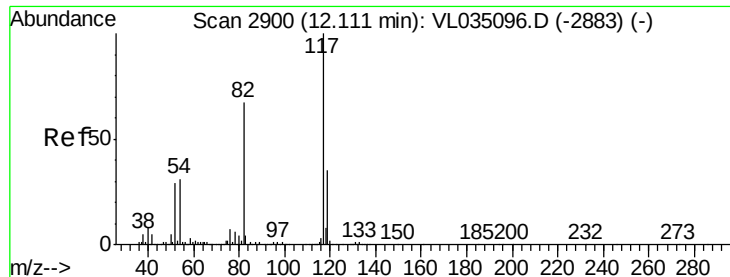


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: 12.12 min Scan# 2902

Delta R.T. 0.01 min

Lab File: VL035137.D

Acq: 30 Jun 2020 22:53

Instrument :

MSVOA_L

ClientSampleId :

QC061720 CAN 10295

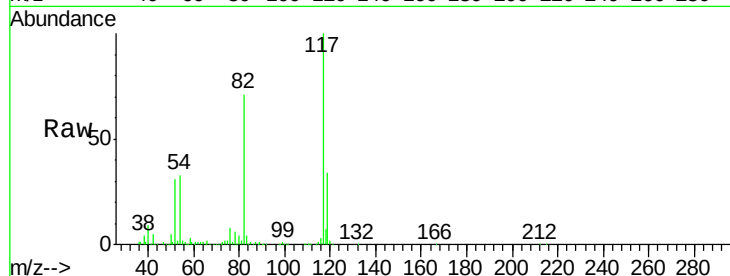
Tot Ion:117 Resp: 2440259

Ion Ratio Lower Upper

117 100

82 69.5 50.4 75.6

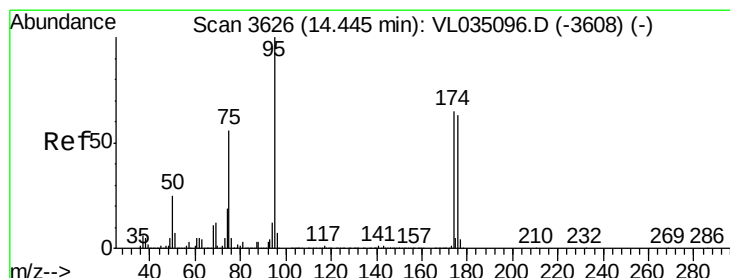
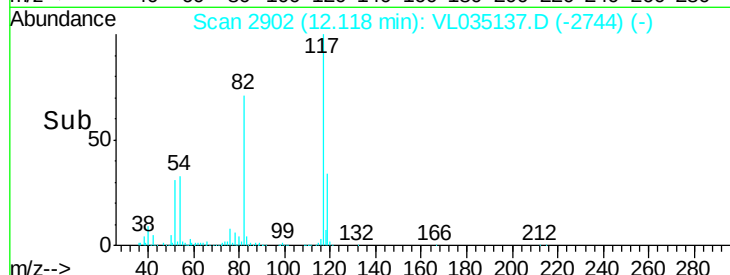
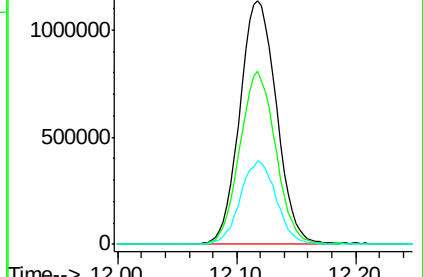
119 33.7 25.4 38.0



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: 10.390 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.01 min

Lab File: VL035137.D

Acq: 30 Jun 2020 22:53

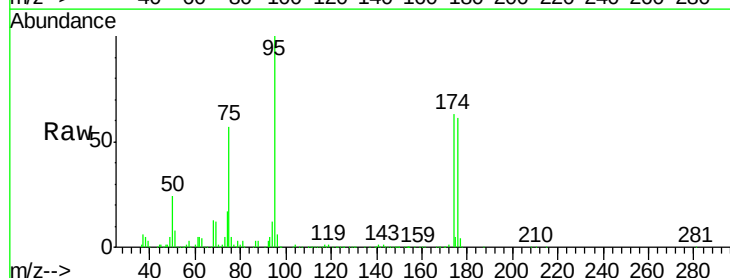
Tgt Ion: 95 Resp: 2106118

Ion Ratio Lower Upper

95 100

174 65.0 52.2 78.2

175 4.8 4.0 6.0



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

