

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035136.D
 Acq On : 30 Jun 2020 22:12
 Operator : SY/AP
 Sample : QC061620 CAN 10608
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061620 CAN 10608

Quant Time: Jul 01 15:00:10 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	1191458	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2816839	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2636331	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2216674	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

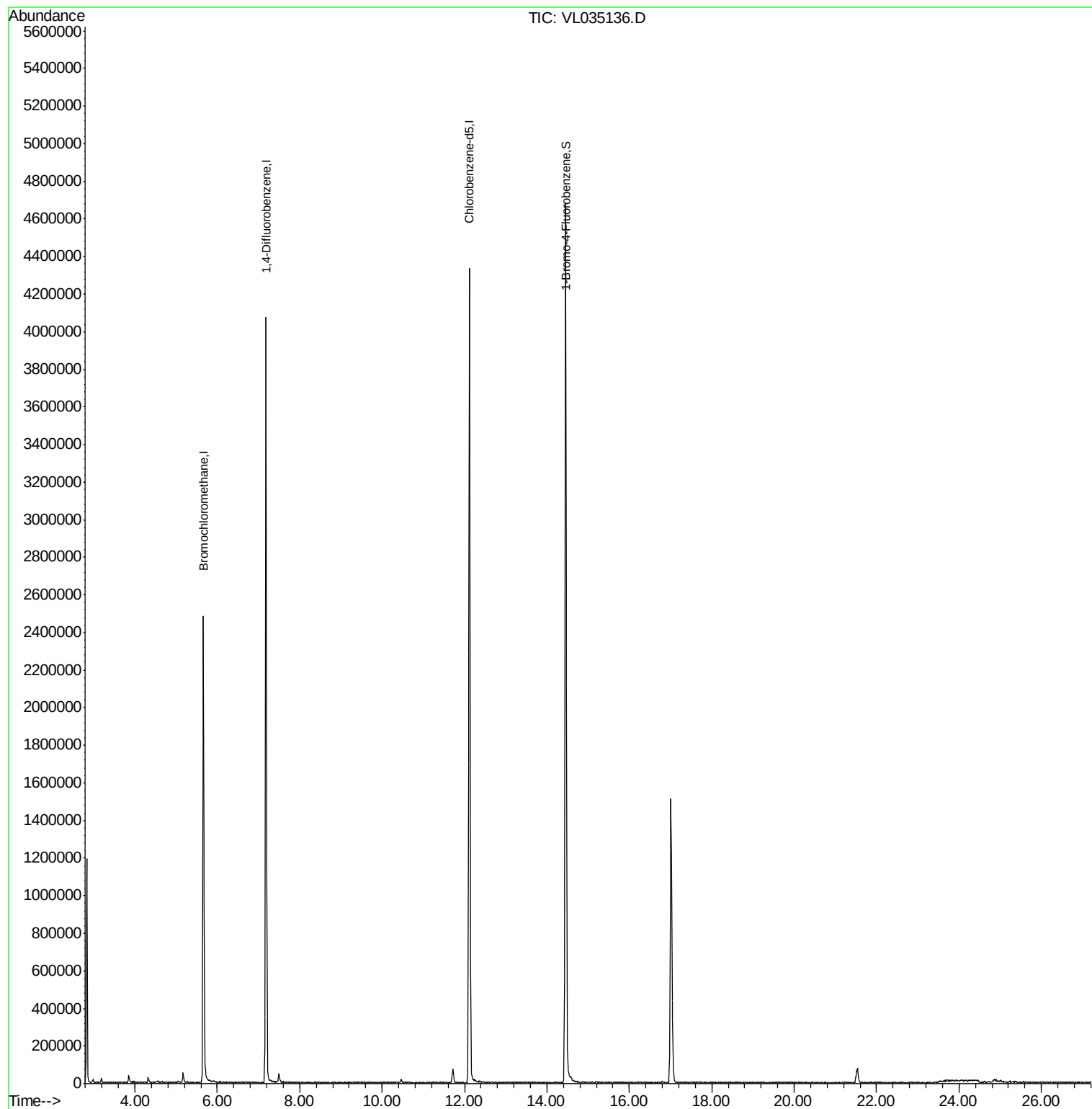
Target Compounds	Ovalue

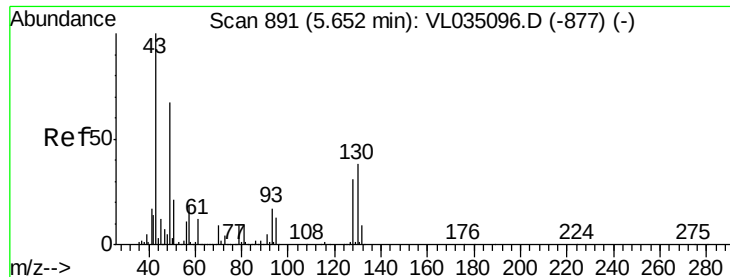
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.01 min

Lab File: VL035136.D

Acq: 30 Jun 2020 22:12

Instrument :

MSVOA_L

ClientSampleId :

QC061620 CAN 10608

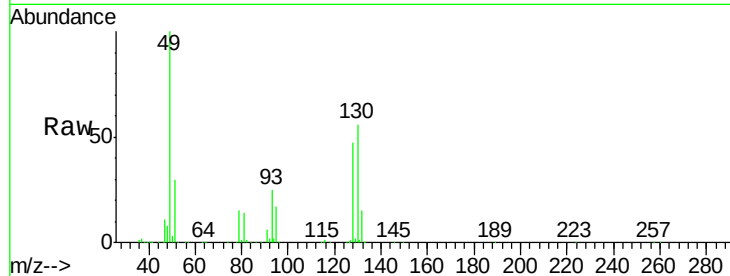
Tot Ion: 49 Resp: 1191458

Ion Ratio Lower Upper

49 100

128 47.9 22.9 68.5

130 60.5 29.0 87.0



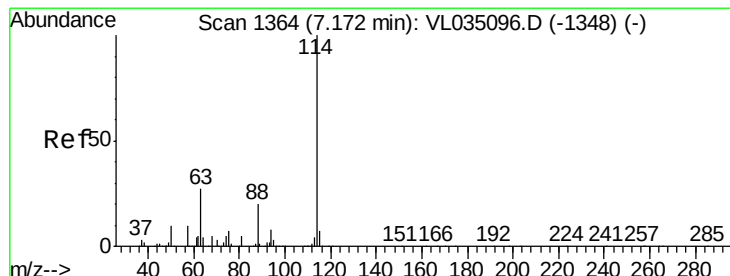
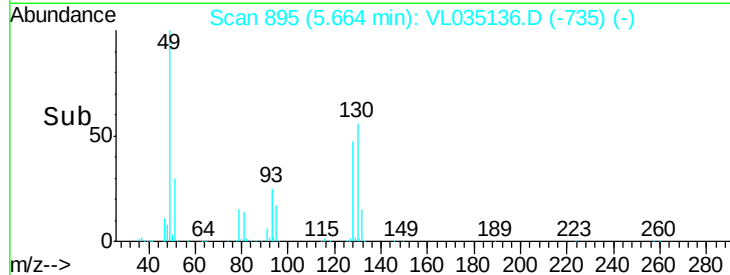
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL035136.D

Acq: 30 Jun 2020 22:12

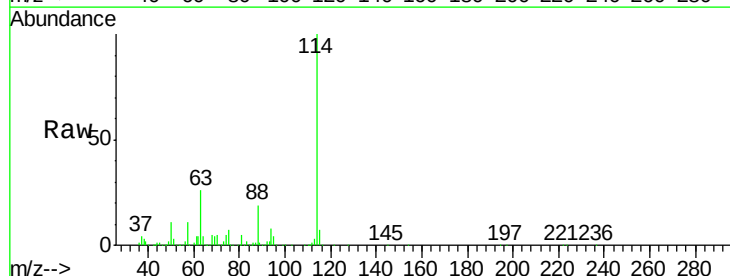
Tgt Ion: 114 Resp: 2816839

Ion Ratio Lower Upper

114 100

63 27.1 21.9 32.9

88 19.8 15.6 23.4



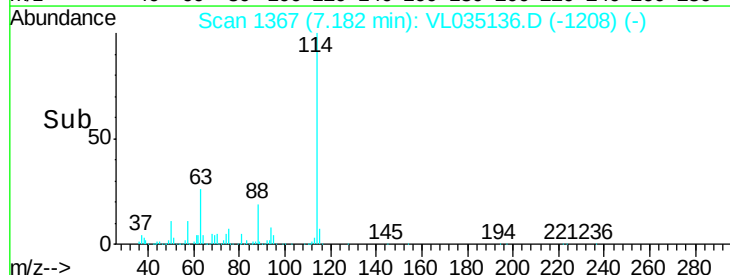
Abundance Ion 114.10 (113.80 to 114.80): VL0

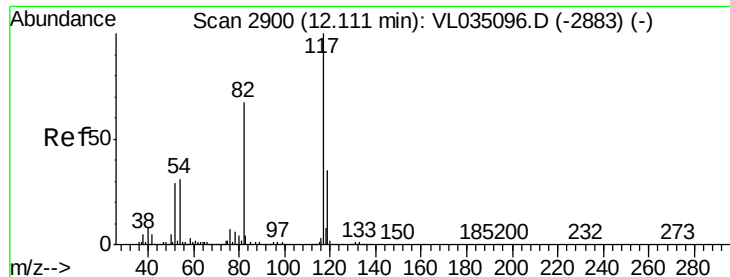
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

7.18

Time-->

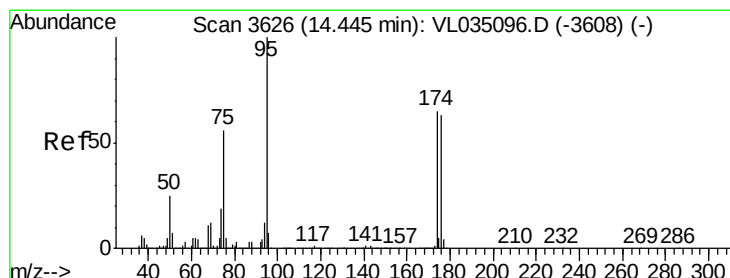
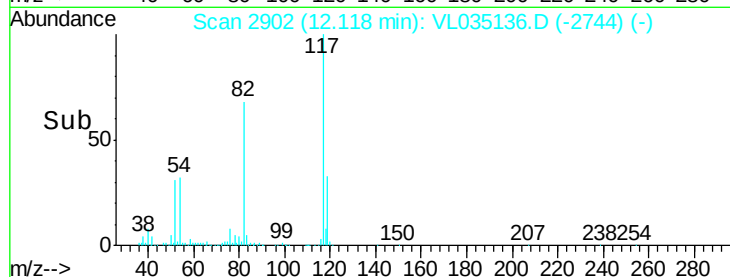
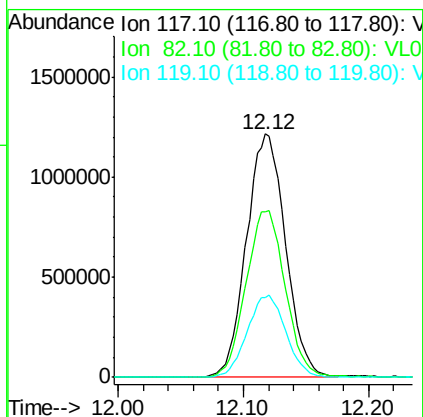
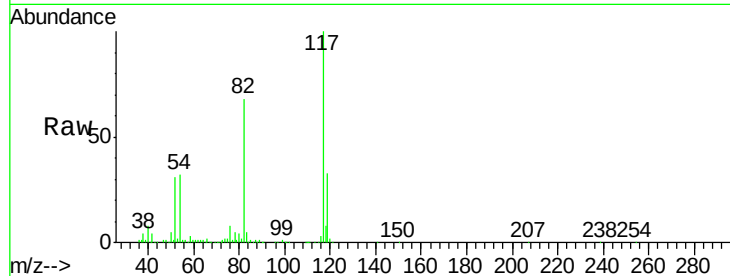




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL035136.D
Acq: 30 Jun 2020 22:12

Instrument :
MSVOA_L
ClientSampleId :
QC061620 CAN 10608

Tot Ion:117 Resp: 2636331
Ion Ratio Lower Upper
117 100
82 68.7 50.4 75.6
119 33.5 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.122 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. 0.01 min
Lab File: VL035136.D
Acq: 30 Jun 2020 22:12

Tgt Ion: 95 Resp: 2216674
Ion Ratio Lower Upper
95 100
174 65.9 52.2 78.2
175 5.1 4.0 6.0

