

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035125.D
 Acq On : 30 Jun 2020 14:57
 Operator : SY/AP
 Sample : QC060420 CAN 10060
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC060420 CAN 10060

Quant Time: Jul 01 14:38:47 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	1146921	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2688537	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.12	117	2555097	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2187542	10.31	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

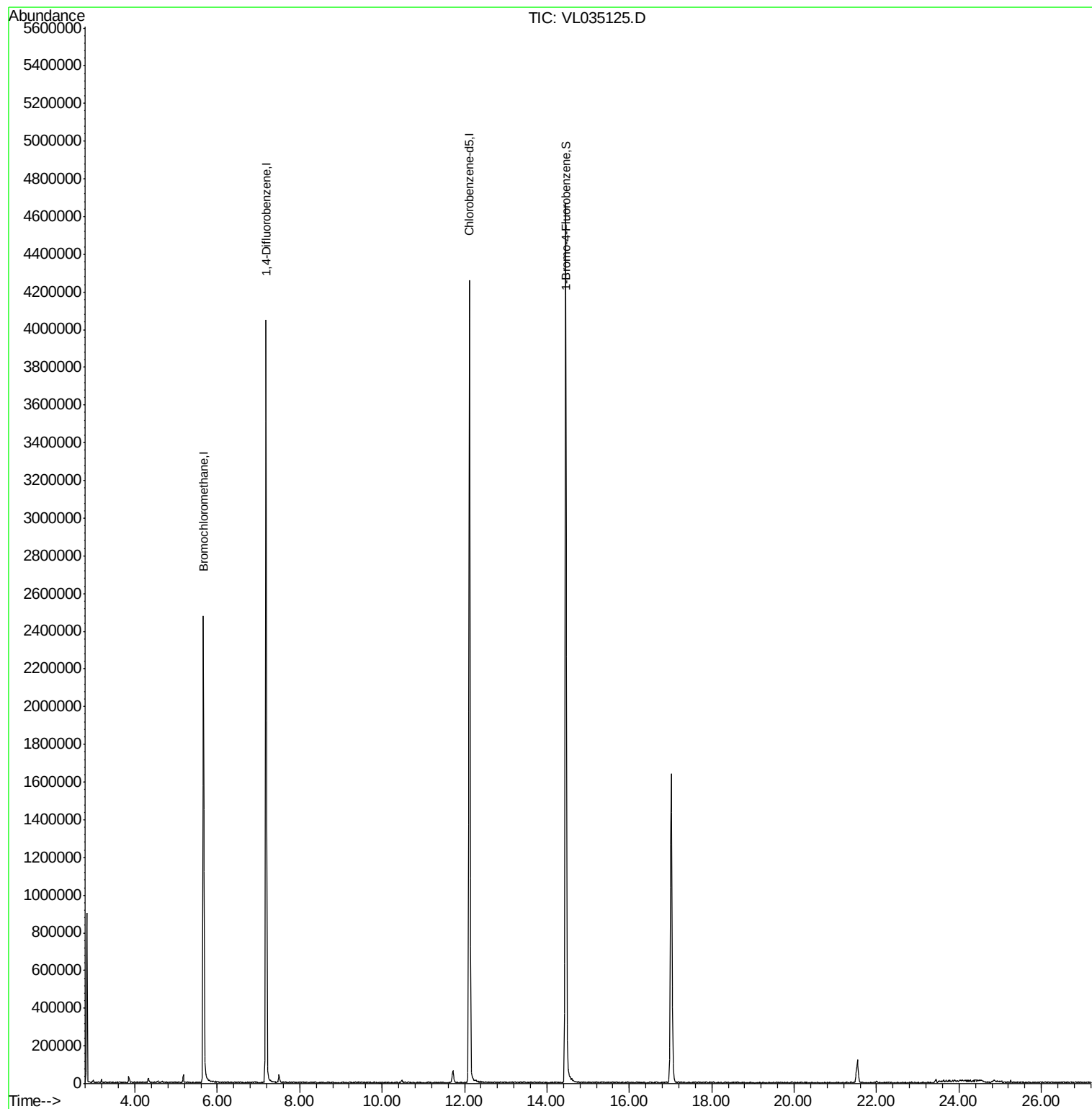
Target Compounds	Ovalue

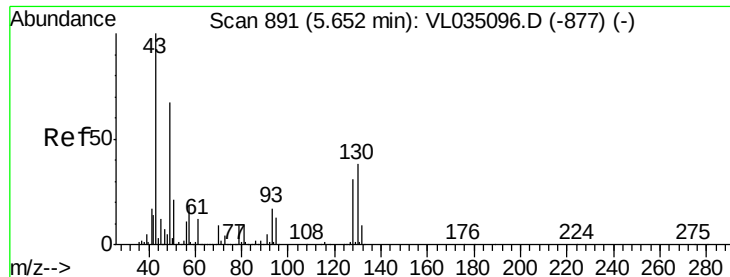
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

Lab File: VL035125.D

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Instrument :

MSVOA_L

ClientSampleId :

QC060420 CAN 10060

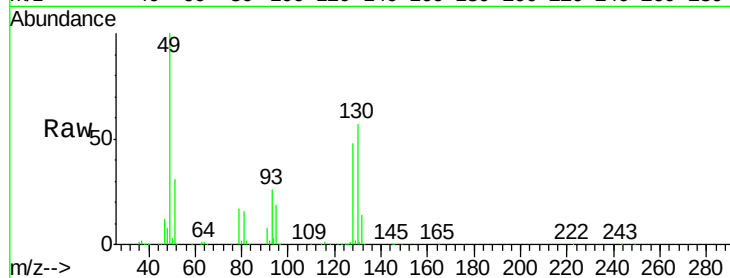
Tot Ion: 49 Resp: 1146921

Ion Ratio Lower Upper

49 100

128 48.5 22.9 68.5

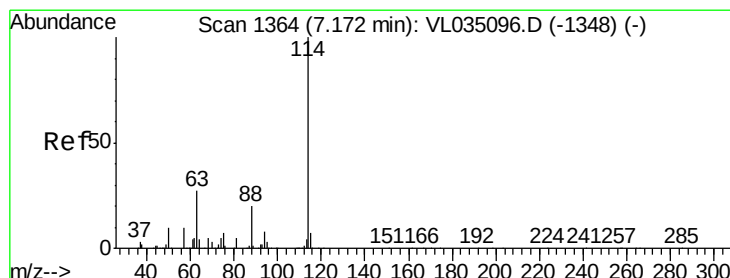
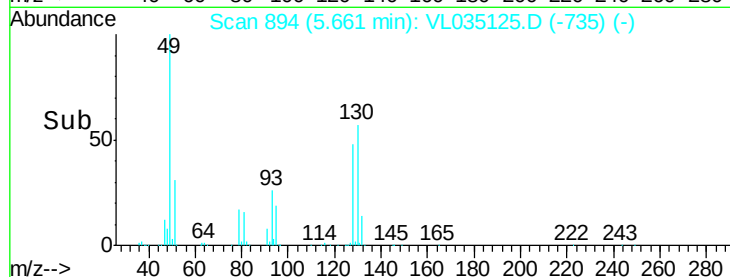
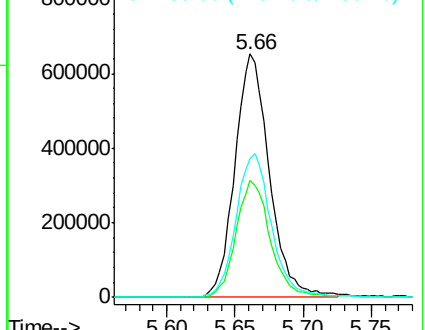
130 61.1 29.0 87.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VL035125.D

Acq: 30 Jun 2020 14:57

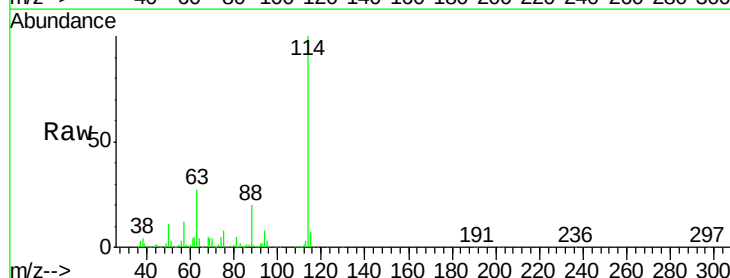
Tgt Ion: 114 Resp: 2688537

Ion Ratio Lower Upper

114 100

63 27.7 21.9 32.9

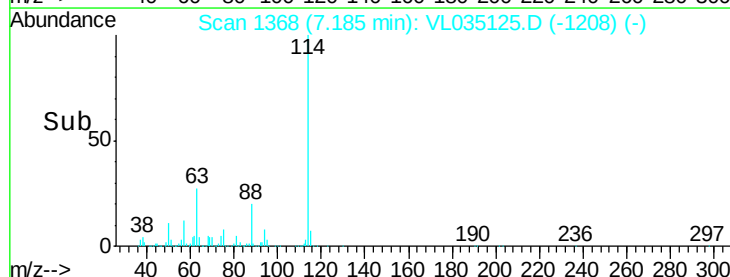
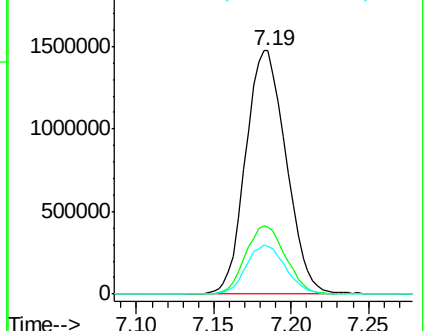
88 19.7 15.6 23.4

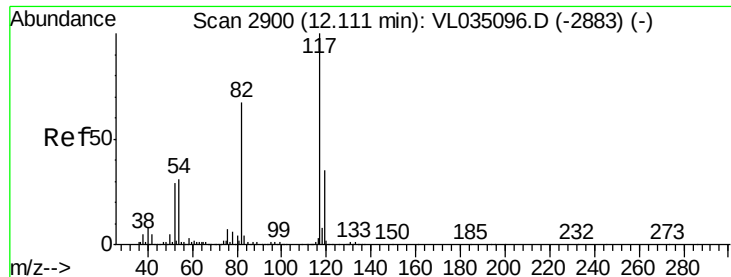


Abundance Ion 114.10 (113.80 to 114.80): V

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: VL035125.D

Acq: 30 Jun 2020 14:57

Instrument :

MSVOA_L

ClientSampleId :

QC060420 CAN 10060

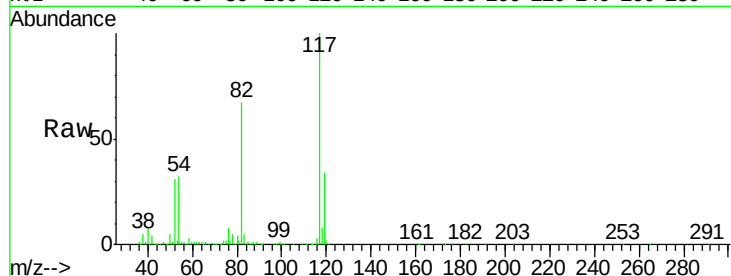
Tot Ion:117 Resp: 2555097

Ion Ratio Lower Upper

117 100

82 70.1 50.4 75.6

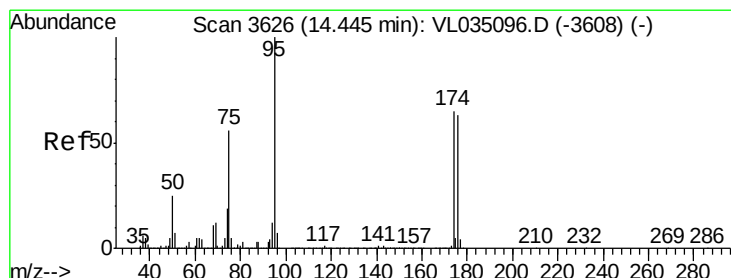
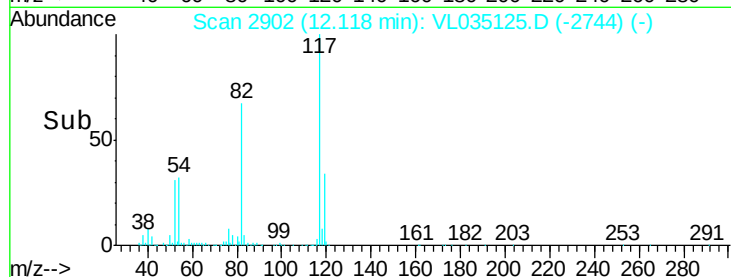
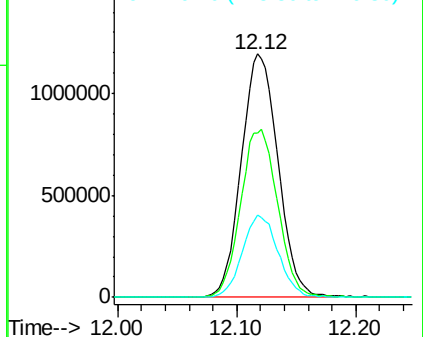
119 33.2 25.4 38.0



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: 10.306 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.01 min

Lab File: VL035125.D

Acq: 30 Jun 2020 14:57

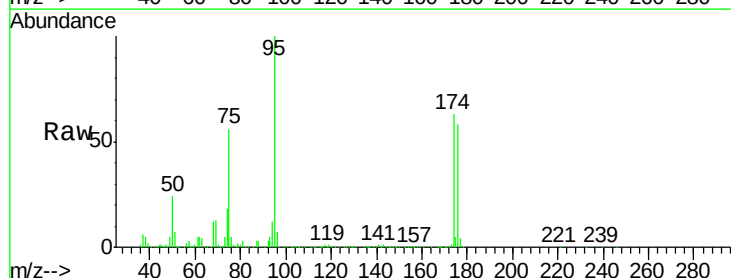
Tgt Ion: 95 Resp: 2187542

Ion Ratio Lower Upper

95 100

174 64.4 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

