

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050720\
 Data File : VL034977.D
 Acq On : 7 May 2020 21:12
 Operator : SY/AP
 Sample : OC042020 CAN 10589
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042020 CAN 10589

Quant Time: May 08 15:08:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	996589	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2290022	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2167273	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1785367	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

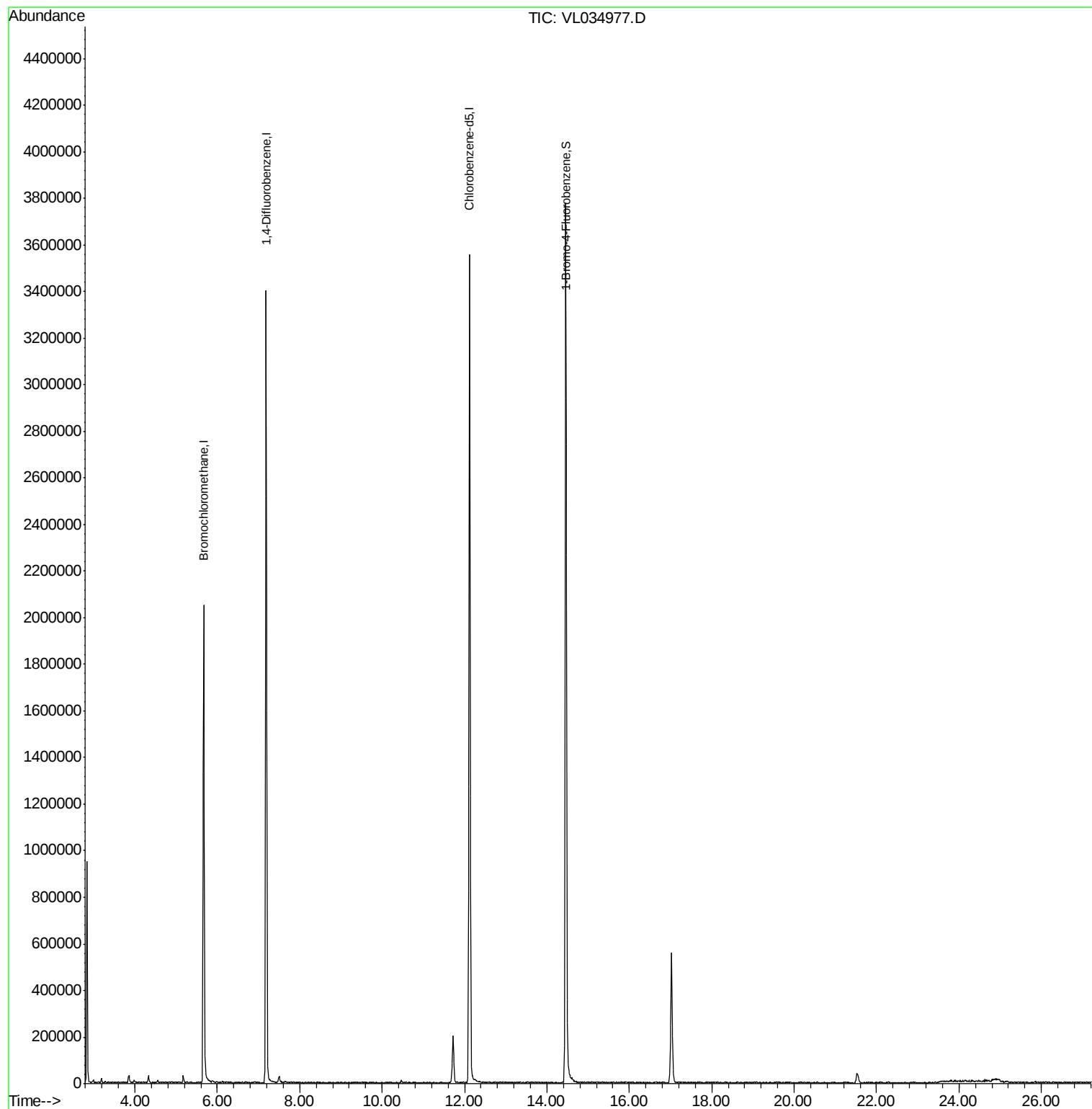
Target Compounds	Ovalue

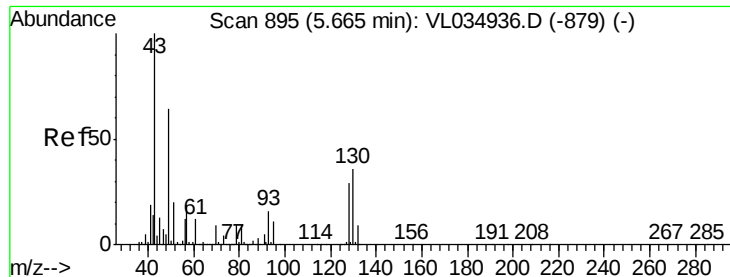
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL034977.D

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Instrument :

MSVOA_L

ClientSampleId :

QC042020 CAN 10589

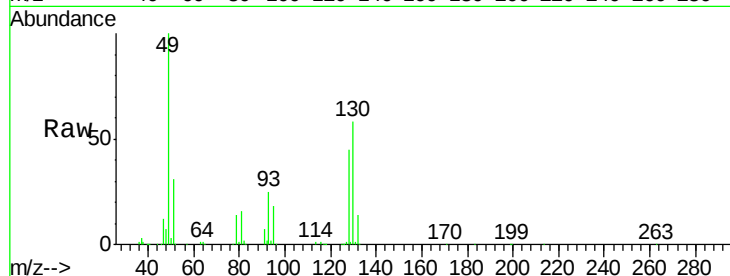
Tot Ion: 49 Resp: 996589

Ion Ratio Lower Upper

49 100

128 45.4 22.1 66.5

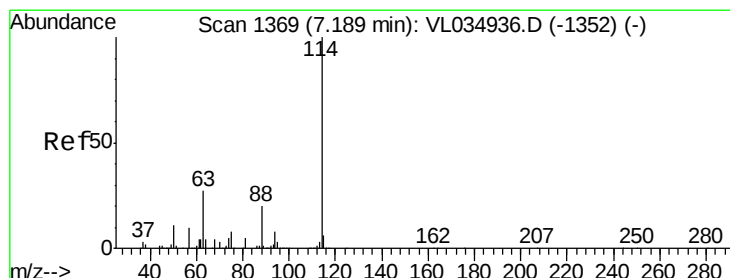
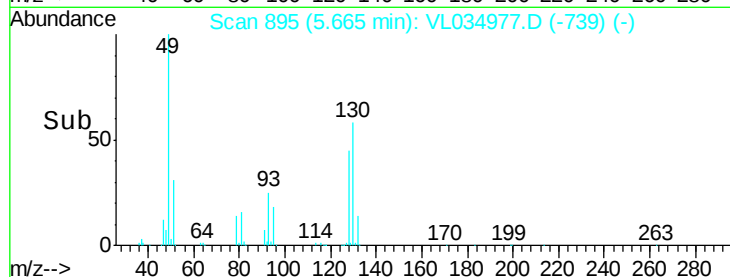
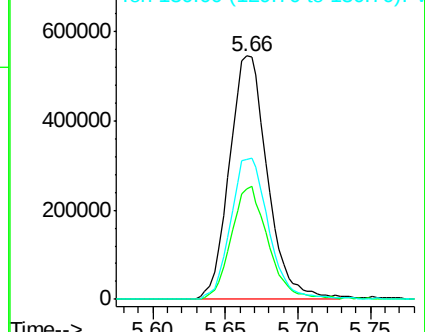
130 58.4 29.1 87.3



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: 7.19 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VL034977.D

Acq: 7 May 2020 21:12

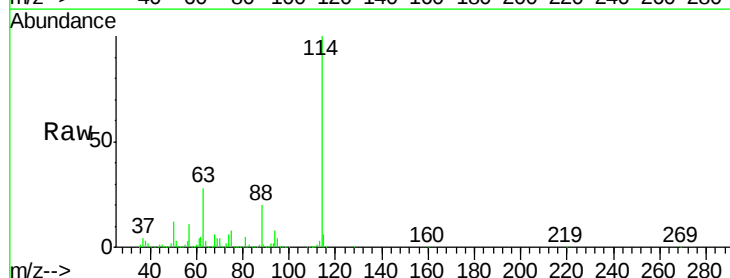
Tgt Ion: 114 Resp: 2290022

Ion Ratio Lower Upper

114 100

63 27.8 22.2 33.4

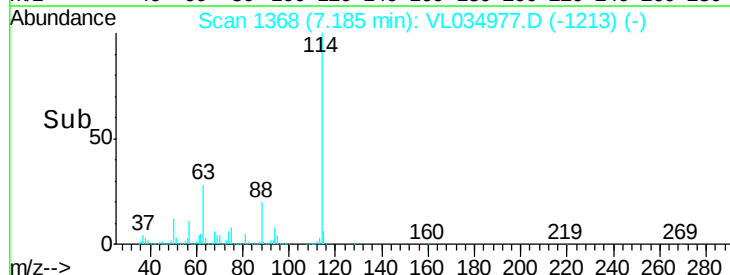
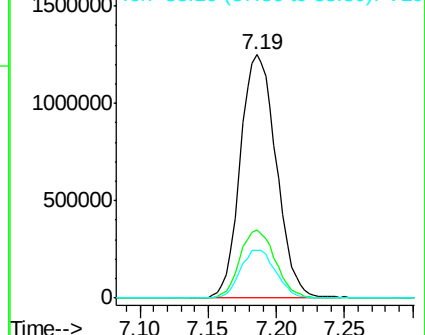
88 19.6 15.5 23.3

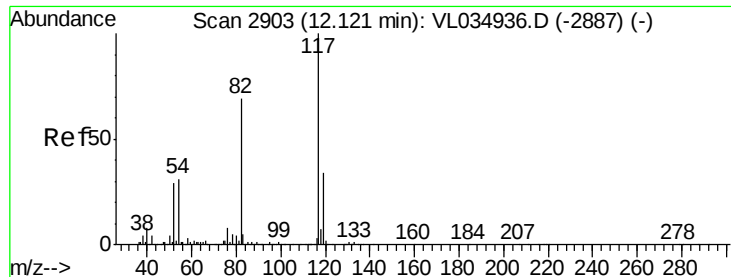


Abundance Ion 114.10 (113.80 to 114.80): VL0

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# 2903

Delta R.T. 0.00 min

Lab File: VL034977.D

Acq: 7 May 2020 21:12

Instrument :

MSVOA_L

ClientSampleId :

QC042020 CAN 10589

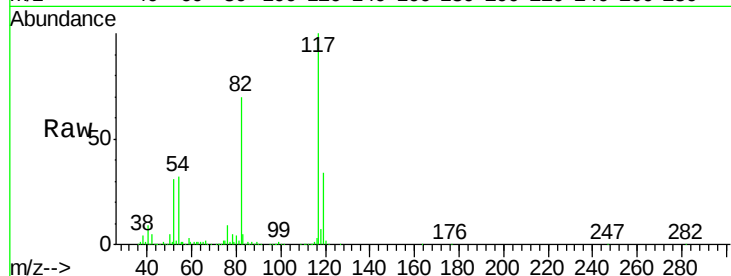
Tot Ion:117 Resp: 2167273

Ion Ratio Lower Upper

117 100

82 69.0 53.1 79.7

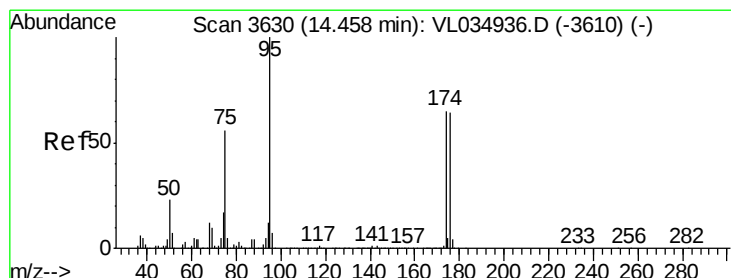
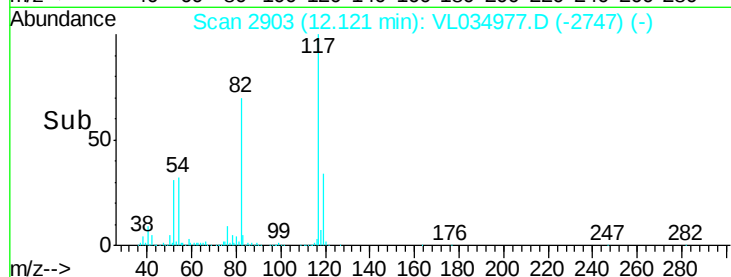
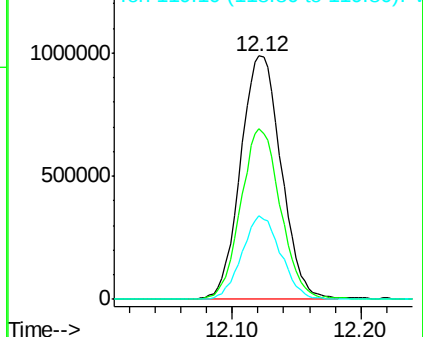
119 32.9 26.7 40.1



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: 10.177 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.00 min

Lab File: VL034977.D

Acq: 7 May 2020 21:12

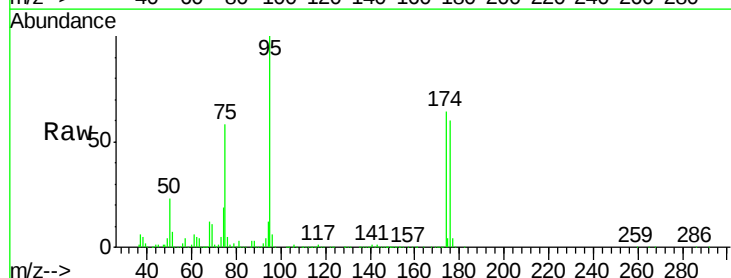
Tgt Ion: 95 Resp: 1785367

Ion Ratio Lower Upper

95 100

174 64.1 51.5 77.3

175 4.5 3.8 5.8



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

