

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050720\
Data File : VL034967.D
Acq On : 7 May 2020 14:27
Operator : SY/AP
Sample : QC041620 CAN 10607
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041620 CAN 10607

Quant Time: May 08 15:07:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.67	49	1020036	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2340874	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2158173	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1781258	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

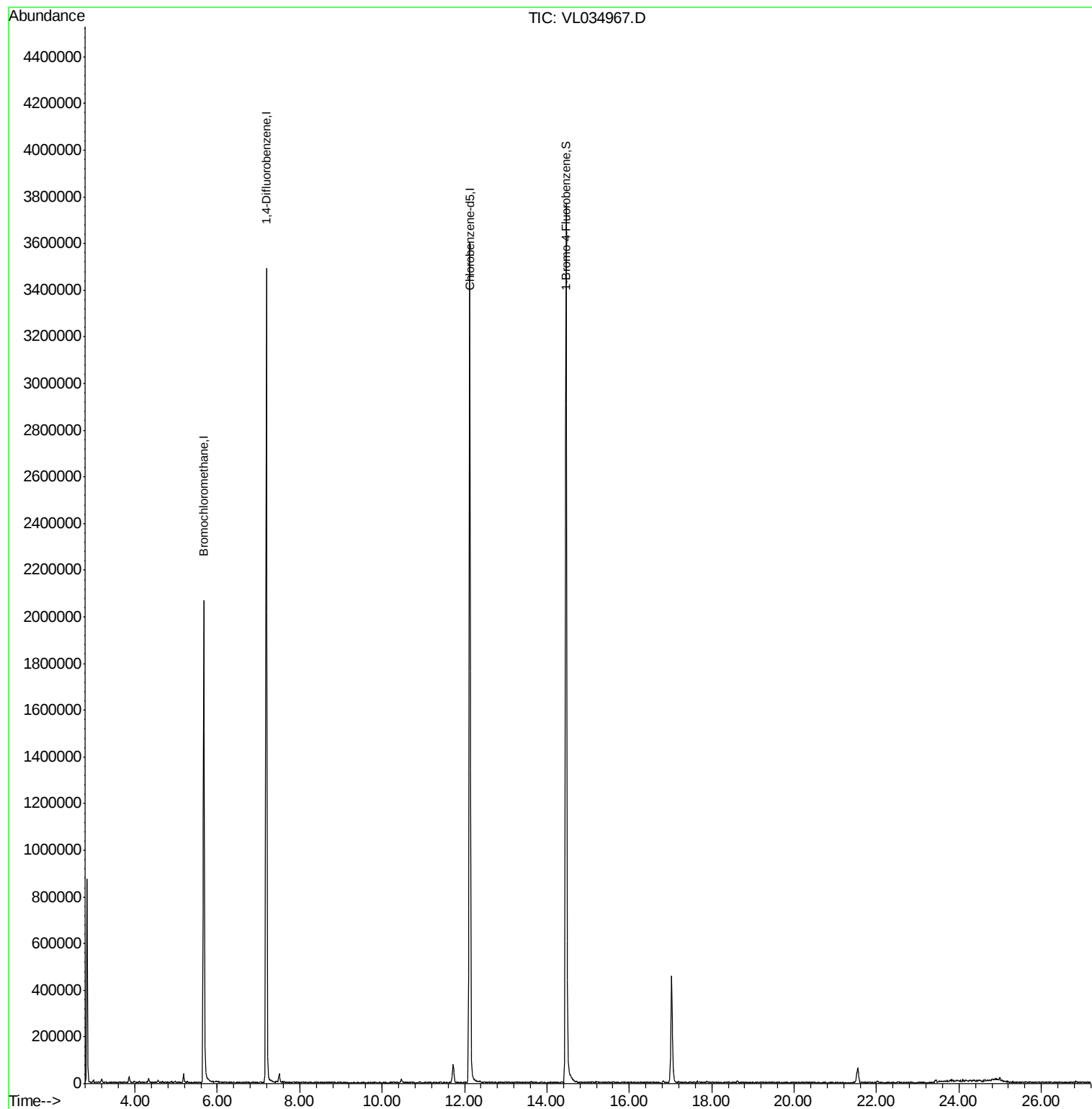
Target Compounds	Ovalue
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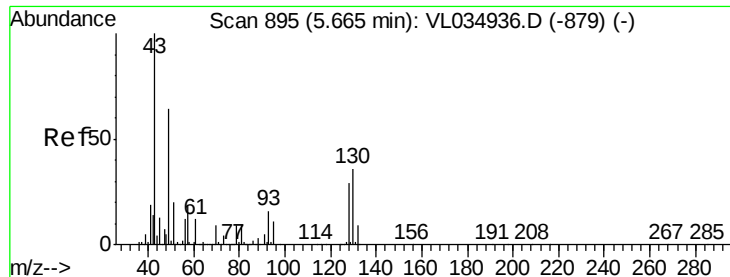
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_L
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QC041620 CAN 10607

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL034967.D

Acq: 7 May 2020 14:27

Instrument :

MSVOA_L

ClientSampleId :

QC041620 CAN 10607

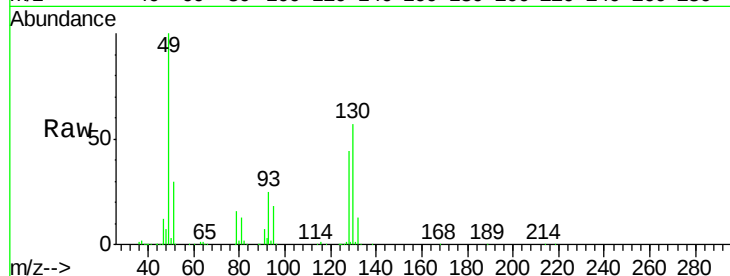
Tot Ion: 49 Resp: 1020036

Ion Ratio Lower Upper

49 100

128 46.0 22.1 66.5

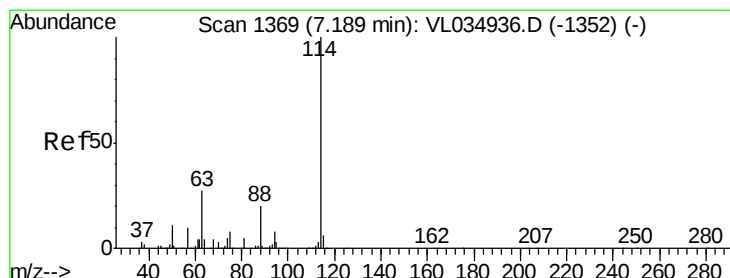
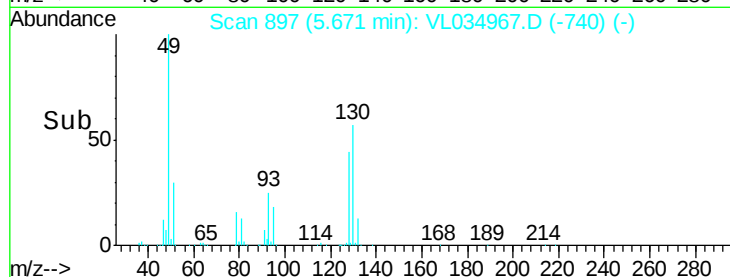
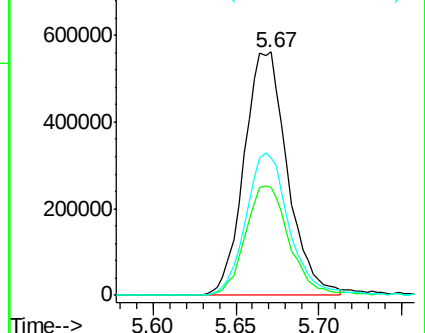
130 59.3 29.1 87.3



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# 1369

Delta R.T. -0.00 min

Lab File: VL034967.D

Acq: 7 May 2020 14:27

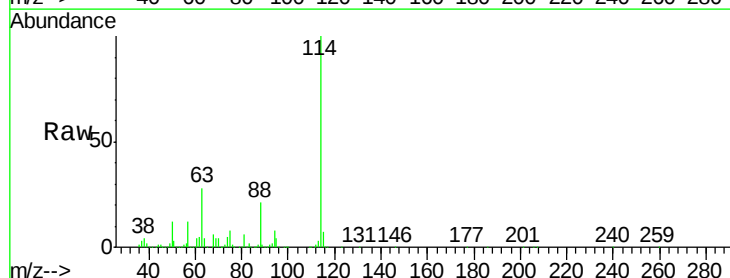
Tgt Ion: 114 Resp: 2340874

Ion Ratio Lower Upper

114 100

63 27.9 22.2 33.4

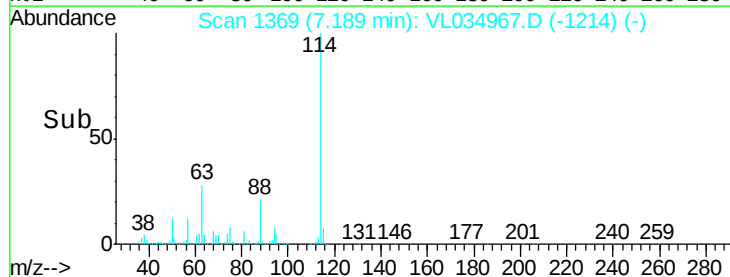
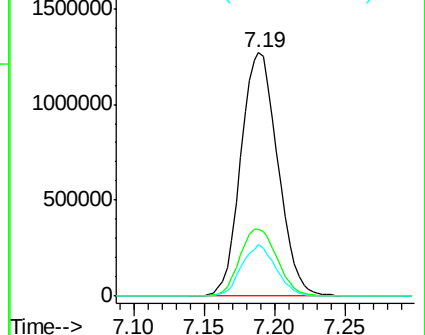
88 19.7 15.5 23.3

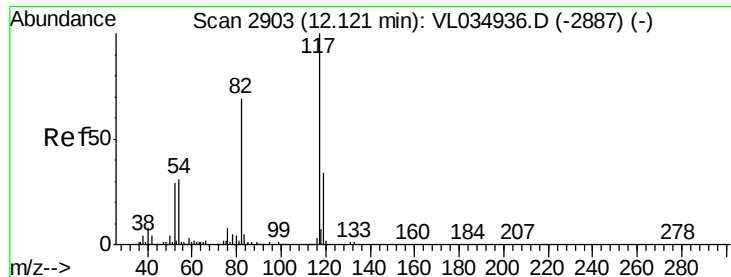


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: 12.13 min Scan# 2905

Delta R.T. 0.01 min

Lab File: VL034967.D

Acq: 7 May 2020 14:27

Instrument :

MSVOA_L

ClientSampleId :

QC041620 CAN 10607

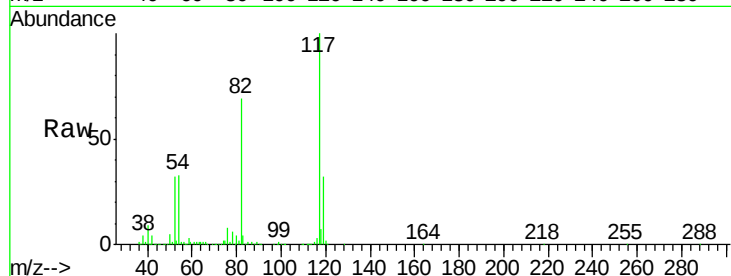
Tot Ion:117 Resp: 2158173

Ion Ratio Lower Upper

117 100

82 70.0 53.1 79.7

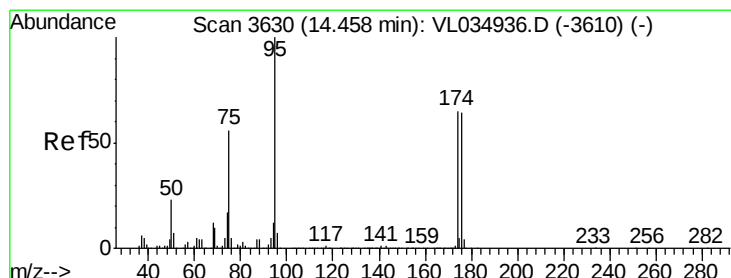
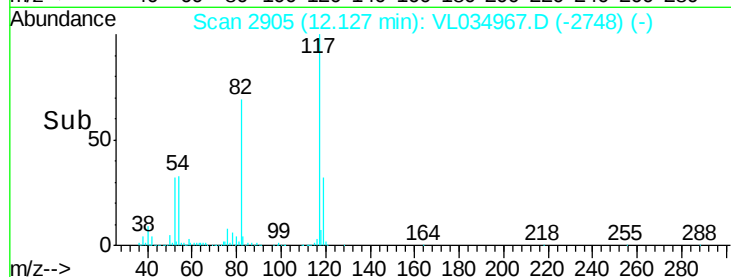
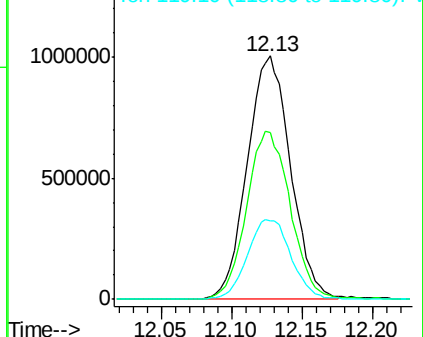
119 33.4 26.7 40.1



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: 10.197 ppbv

RT: 14.46 min Scan# 3632

Delta R.T. 0.01 min

Lab File: VL034967.D

Acq: 7 May 2020 14:27

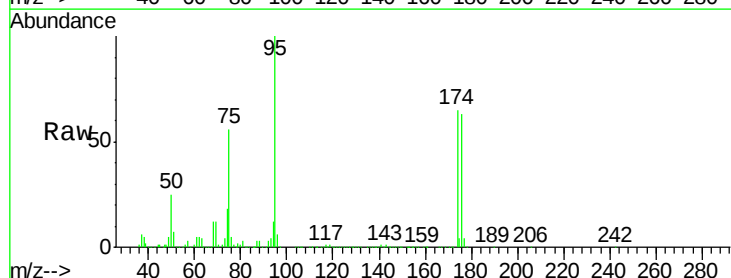
Tgt Ion: 95 Resp: 1781258

Ion Ratio Lower Upper

95 100

174 64.0 51.5 77.3

175 4.7 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

