

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035689.D
 Acq On : 21 Sep 2020 17:07
 Operator : SY/AP
 Sample : L3983-02DL 400X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-7DL

Quant Time: Sep 22 10:56:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1146662	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4346044	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4370661	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3232936	10.42	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

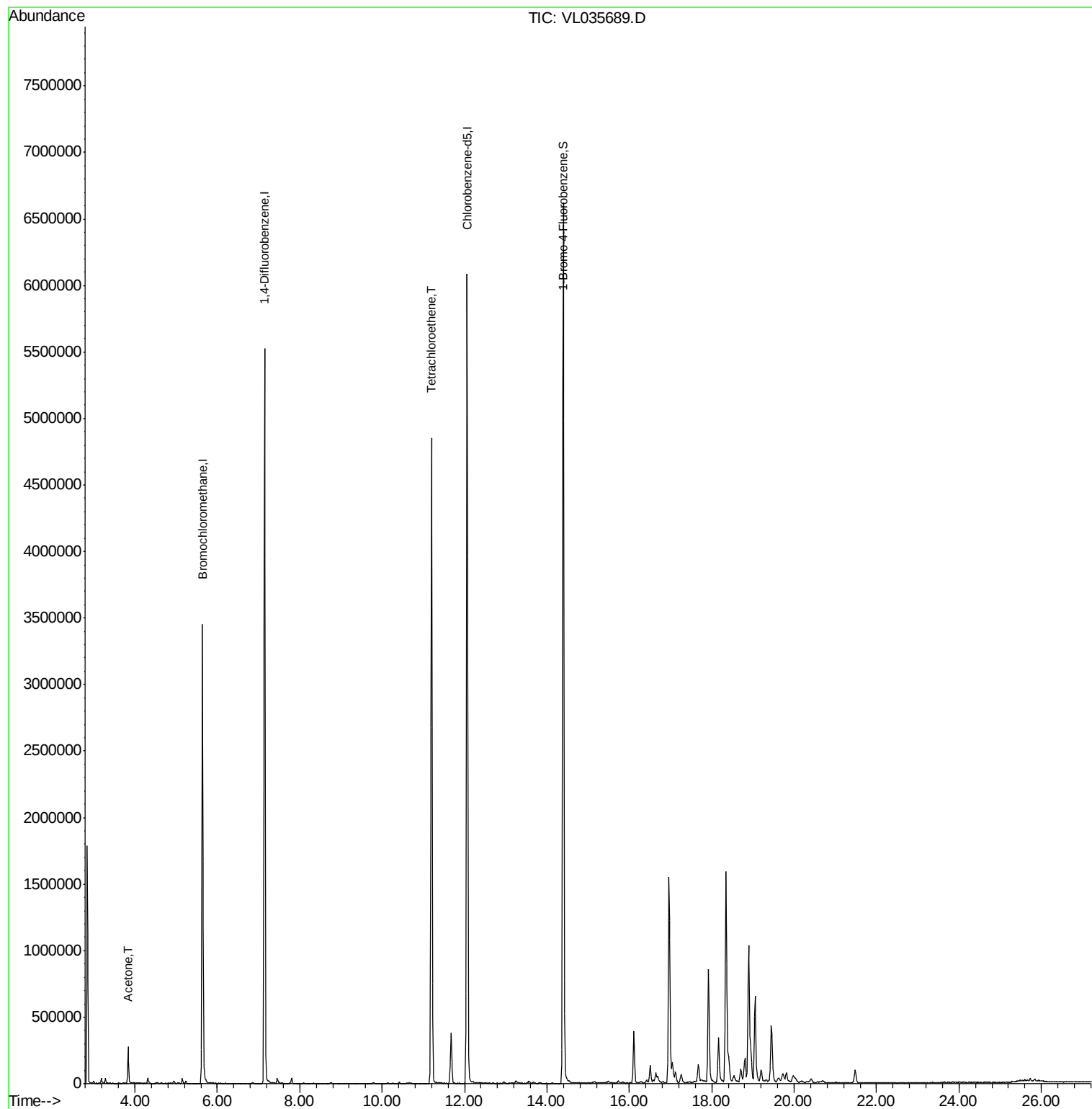
Target Compounds					Ovalue
15) Acetone	3.83	43	268177	2.121 ppbv	97
52) Tetrachloroethene	11.20	164	1327719	8.079 ppbv	97

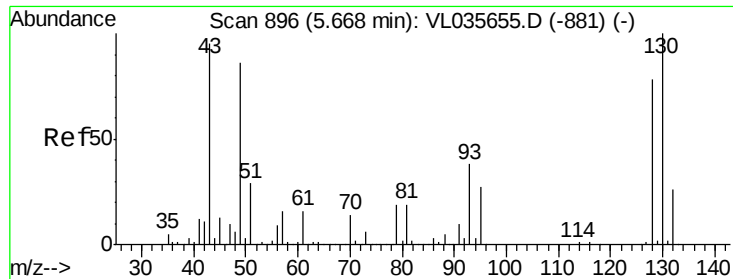
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

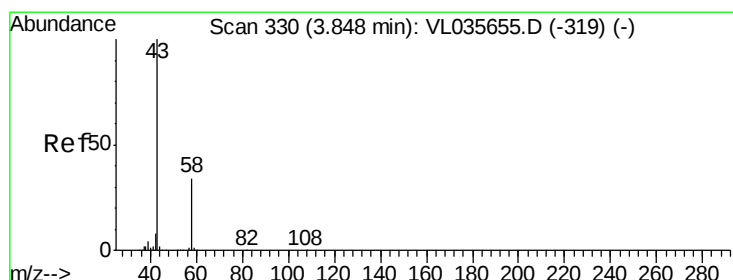
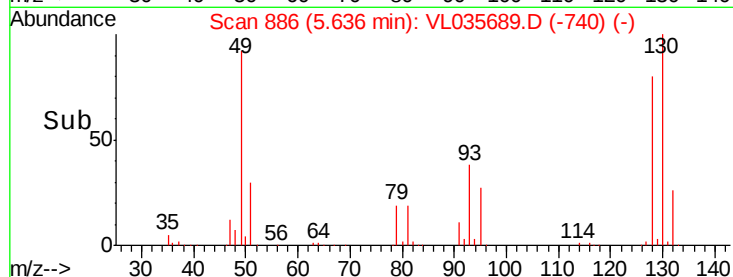
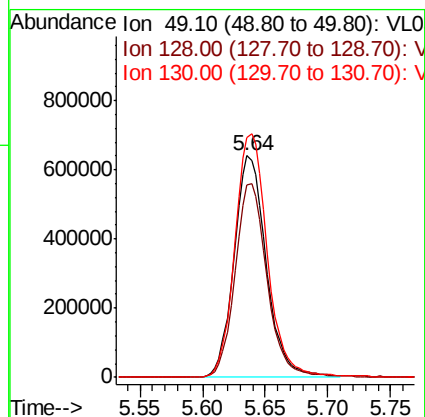
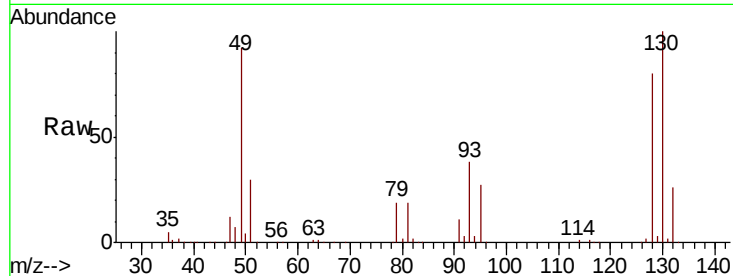




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.03 min
Lab File: VL035689.D
Acq: 21 Sep 2020 17:07

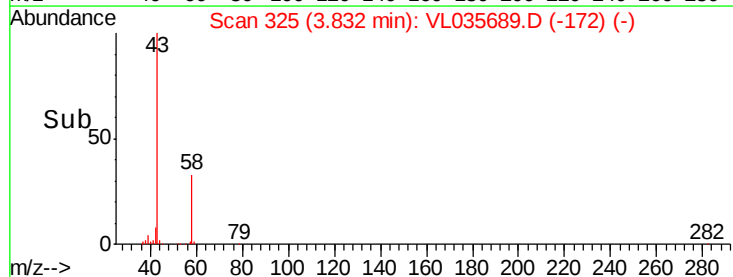
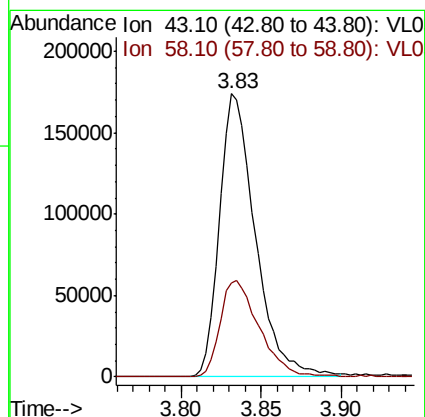
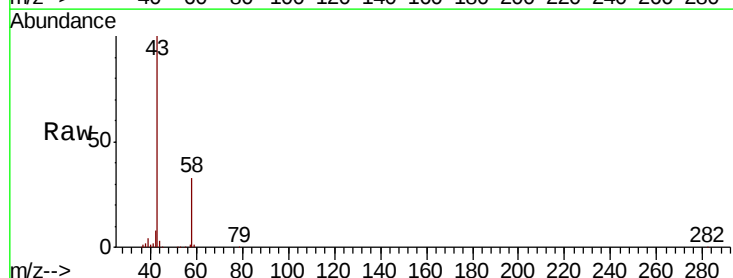
Instrument :
MSVOA_L
ClientSampleId :
SV-7DL

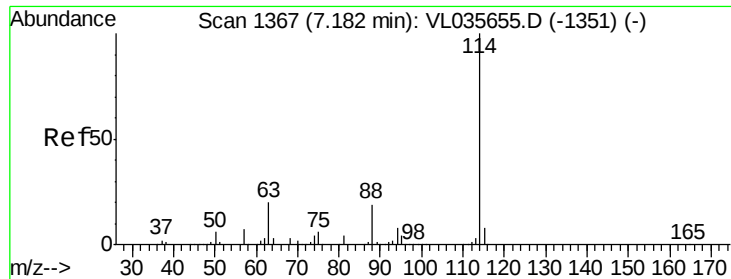
Tot Ion: 49 Resp: 1146662
Ion Ratio Lower Upper
49 100
128 87.2 50.0 150.1
130 111.6 64.4 193.2



#15
Acetone
Concen: 2.121 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.01 min
Lab File: VL035689.D
Acq: 21 Sep 2020 17:07

Tgt Ion: 43 Resp: 268177
Ion Ratio Lower Upper
43 100
58 37.5 28.4 42.6

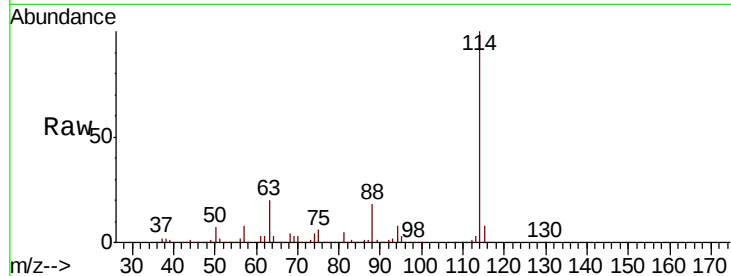




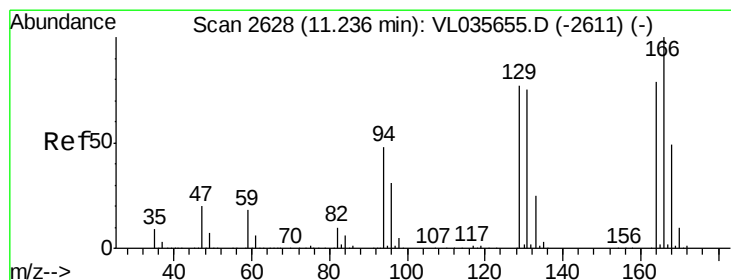
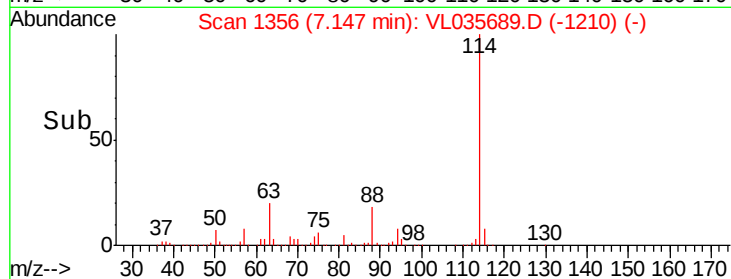
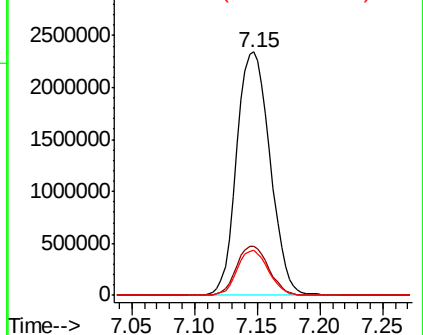
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL035689.D
 Acq: 21 Sep 2020 17:07

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-7DL

Tot Ion:114 Resp: 4346044
 Ion Ratio Lower Upper
 114 100
 63 19.7 14.7 22.1
 88 17.4 13.4 20.2

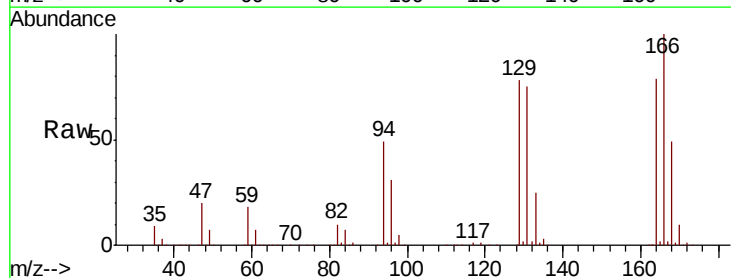


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

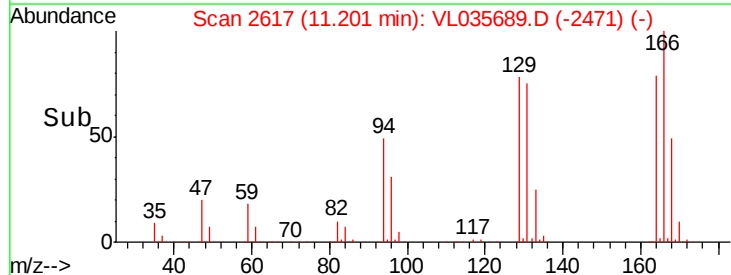
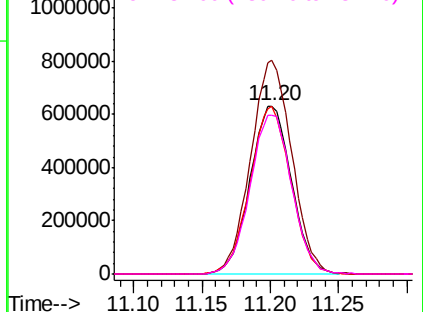


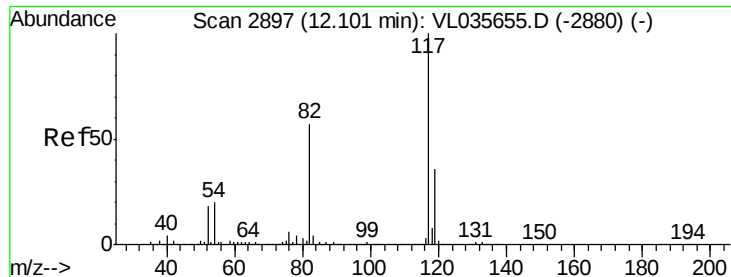
#52
 Tetrachloroethene
 Concen: 8.079 ppbv
 RT: 11.20 min Scan# 2617
 Delta R.T. -0.03 min
 Lab File: VL035689.D
 Acq: 21 Sep 2020 17:07

Tgt Ion:164 Resp: 1327719
 Ion Ratio Lower Upper
 164 100
 166 126.9 100.9 151.3
 129 99.6 75.3 112.9
 131 94.6 73.0 109.4



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 165.90 (165.60 to 166.60): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.03 min

Lab File: VL035689.D

Acq: 21 Sep 2020 17:07

Instrument :

MSVOA_L

ClientSampled :

SV-7DL

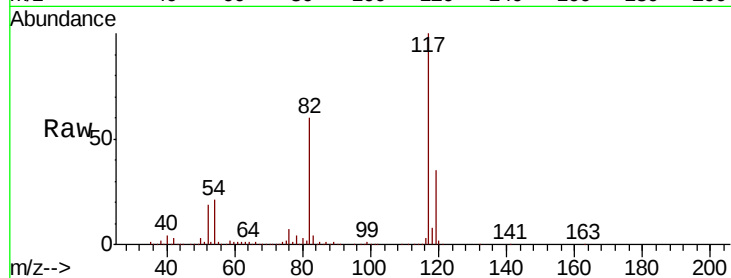
Tot Ion:117 Resp: 4370661

Ion Ratio Lower Upper

117 100

82 58.2 41.6 62.4

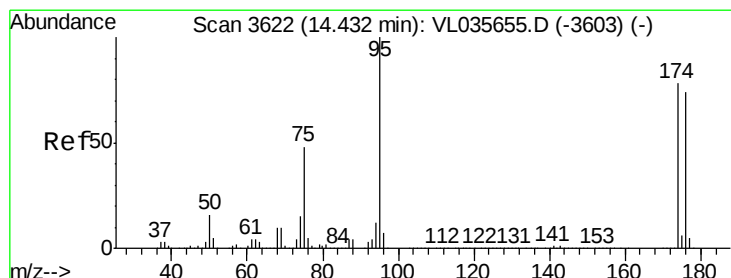
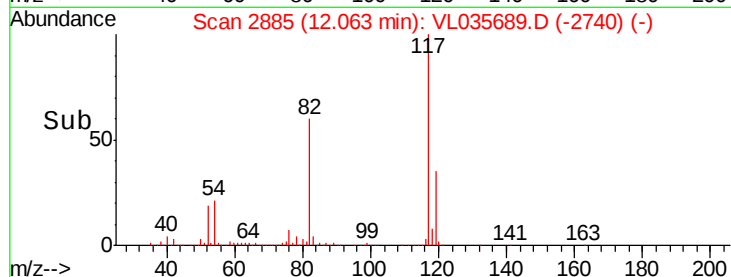
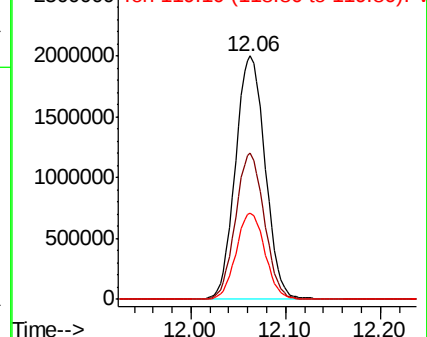
119 34.7 29.3 43.9



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: 10.416 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.03 min

Lab File: VL035689.D

Acq: 21 Sep 2020 17:07

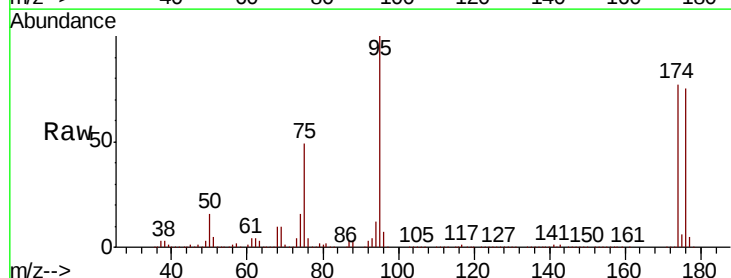
Tgt Ion: 95 Resp: 3232936

Ion Ratio Lower Upper

95 100

174 77.8 69.6 104.4

175 5.6 5.1 7.7



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

