

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035687.D
 Acq On : 21 Sep 2020 15:50
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 22 01:53:18 2020
 Quant Method : Z:\VOASRV\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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1034121	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3927284	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3882987	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2882801	10.45	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

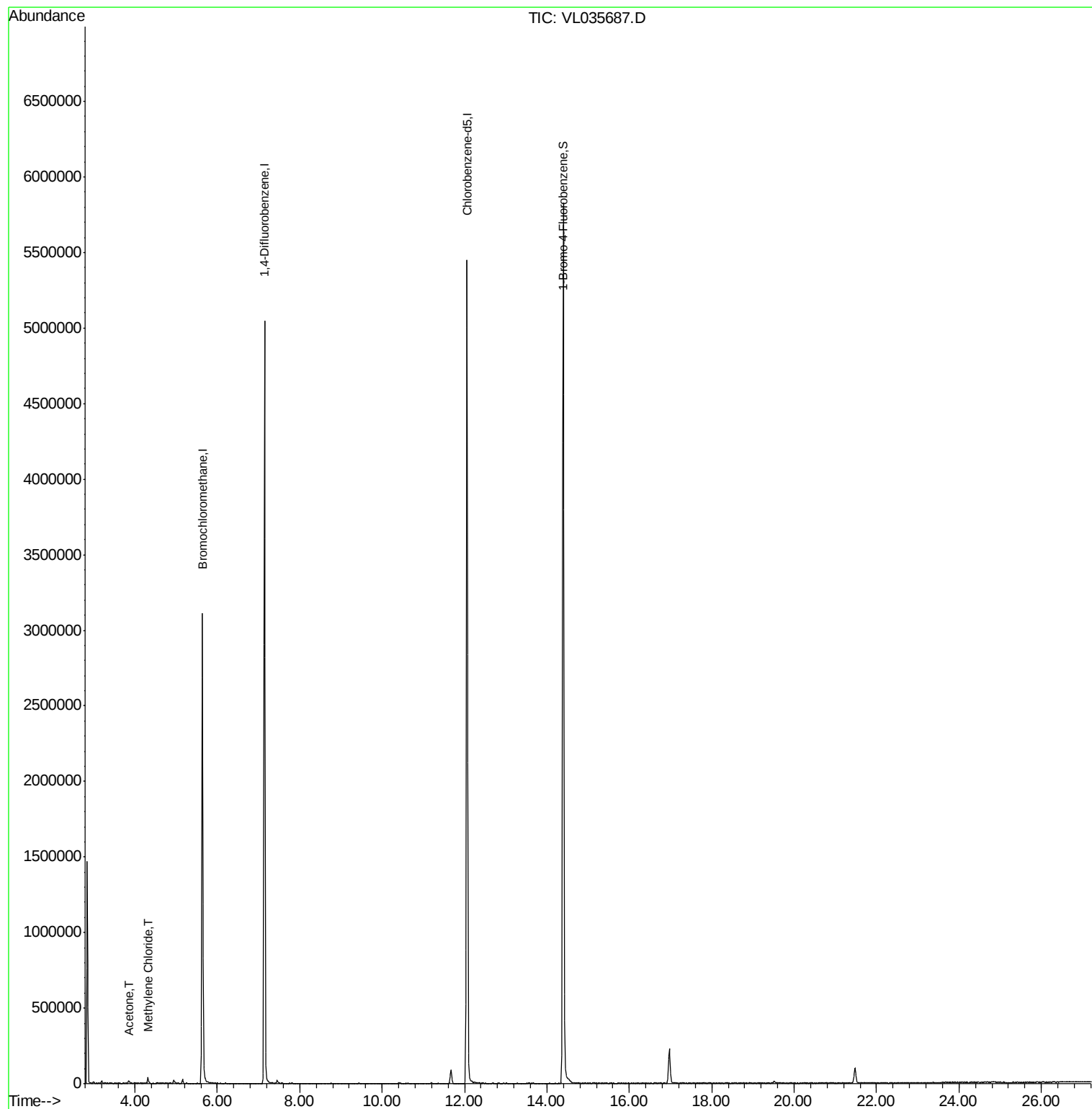
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	14962	0.131	ppbv	# 44
20) Methylene Chloride	4.31	84	17582	0.207	ppbv	96

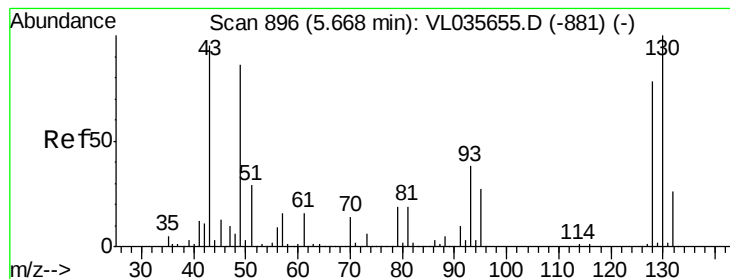
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VL035687.D

Acq: 21 Sep 2020 15:50

Instrument :

MSVOA_L

ClientSampled :

VIBLK

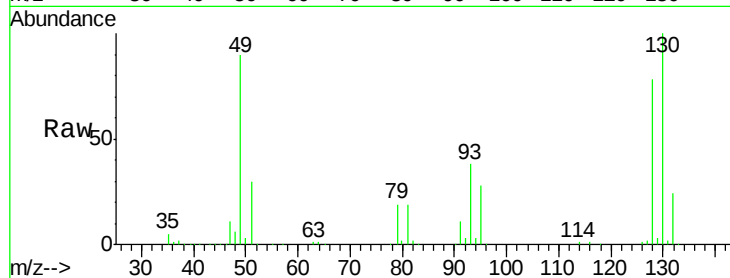
Tot Ion: 49 Resp: 1034121

Ion Ratio Lower Upper

49 100

128 87.2 50.0 150.1

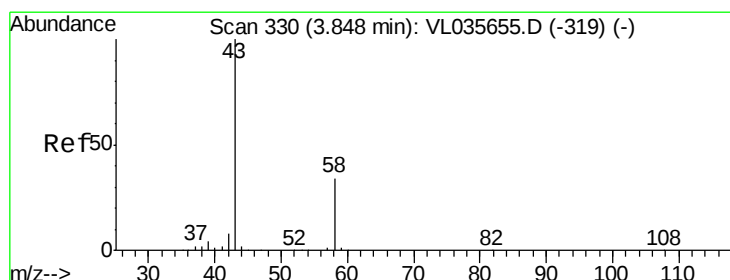
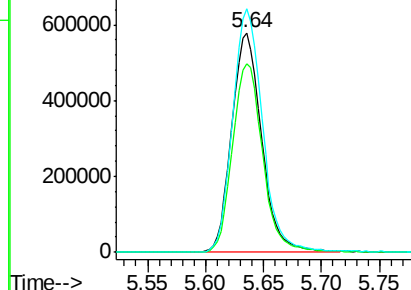
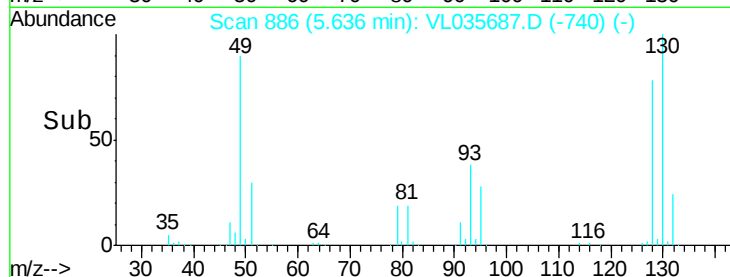
130 110.6 64.4 193.2



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



#15

Acetone

Concen: 0.131 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL035687.D

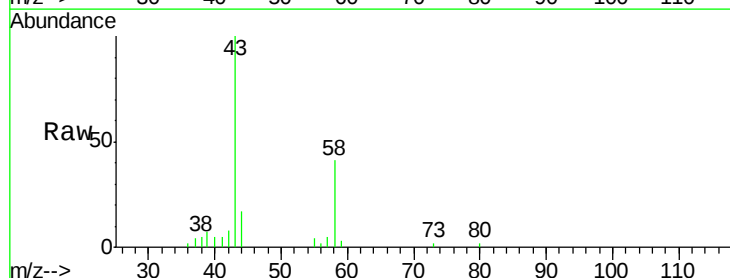
Acq: 21 Sep 2020 15:50

Tgt Ion: 43 Resp: 14962

Ion Ratio Lower Upper

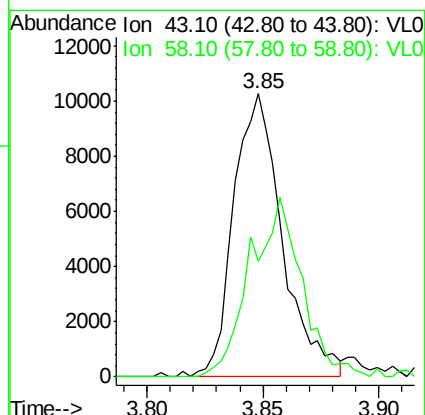
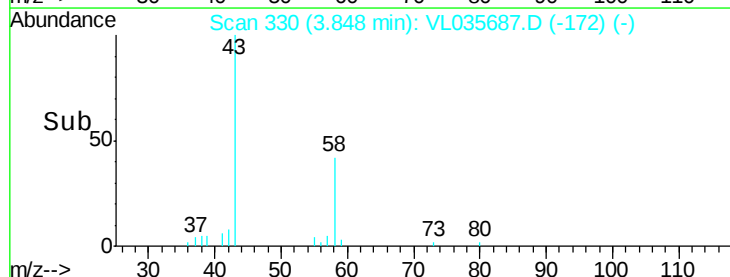
43 100

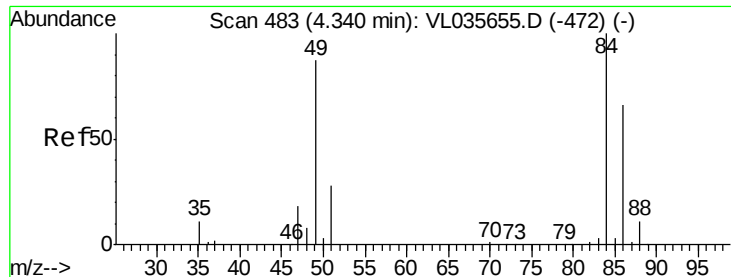
58 68.0 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

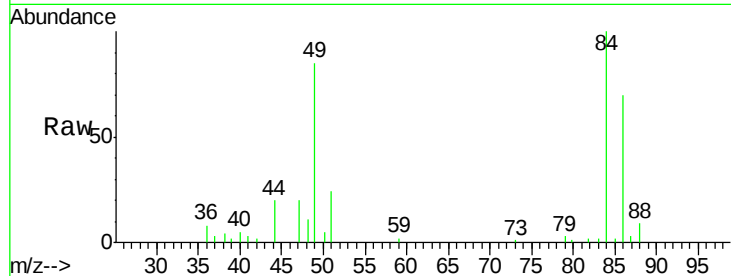




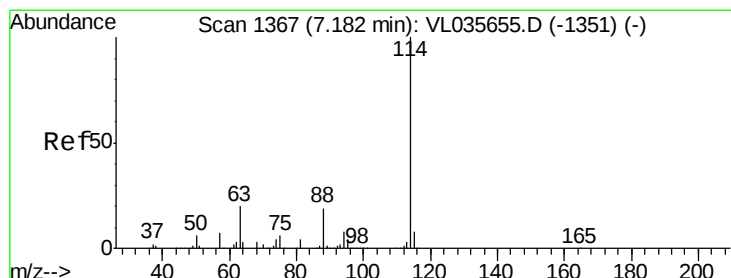
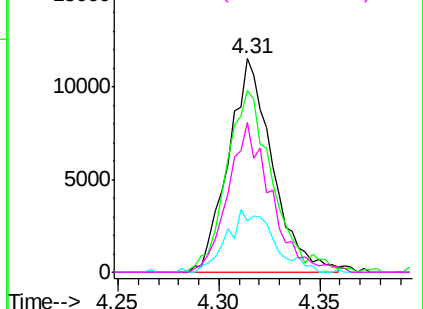
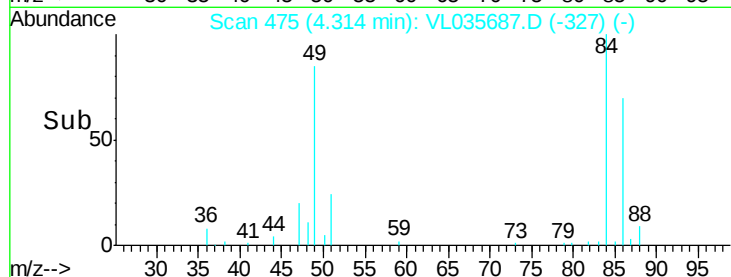
#20
Methylene Chloride
Concen: 0.207 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.02 min
Lab File: VL035687.D
Acq: 21 Sep 2020 15:50

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:	84	Resp:	17582
Ion	Ratio	Lower	Upper
84	100		
49	83.7	65.4	98.0
51	23.9	21.5	32.3
86	69.9	52.9	79.3

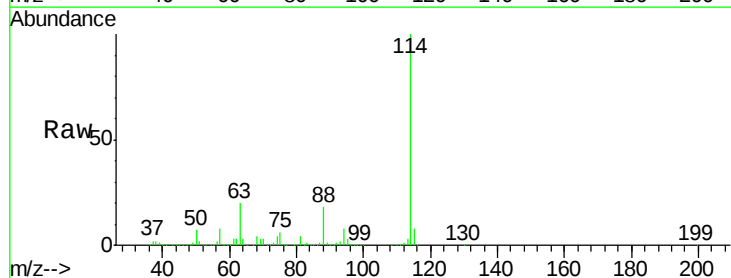


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

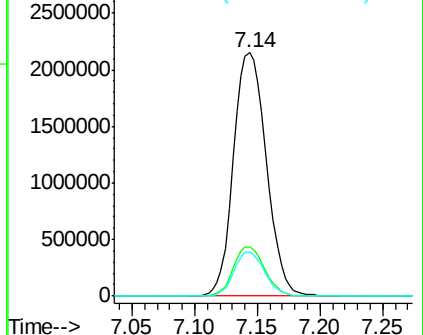
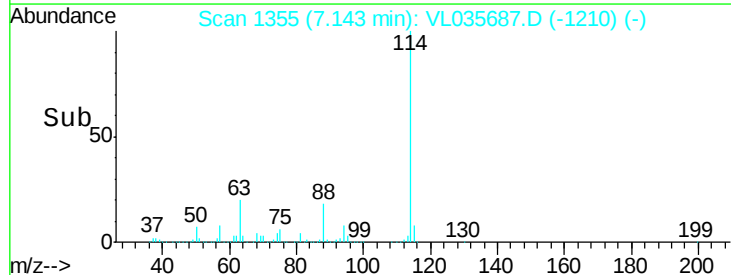


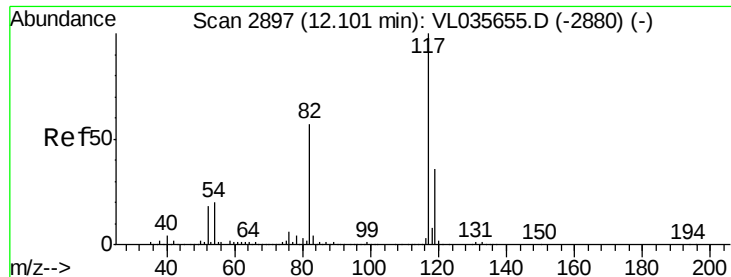
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.03 min
Lab File: VL035687.D
Acq: 21 Sep 2020 15:50

Tgt Ion:	114	Resp:	3927284
Ion	Ratio	Lower	Upper
114	100		
63	19.5	14.7	22.1
88	17.1	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





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2884

Delta R.T. -0.04 min

Lab File: VL035687.D

Acq: 21 Sep 2020 15:50

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

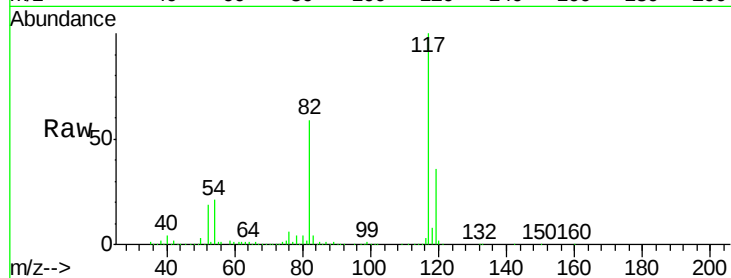
Tot Ion:117 Resp: 3882987

Ion Ratio Lower Upper

117 100

82 57.6 41.6 62.4

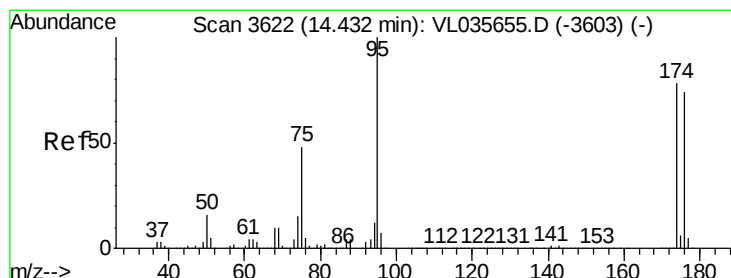
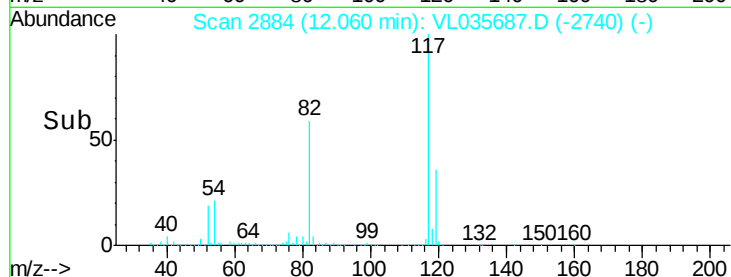
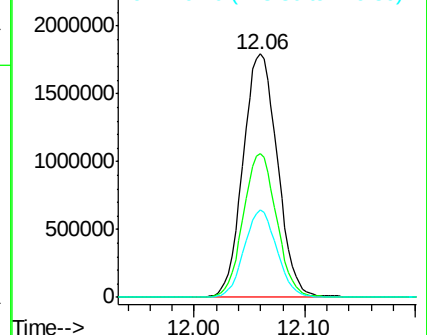
119 34.3 29.3 43.9



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: 10.454 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.04 min

Lab File: VL035687.D

Acq: 21 Sep 2020 15:50

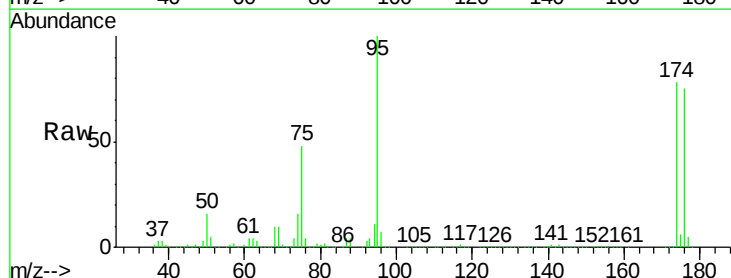
Tgt Ion: 95 Resp: 2882801

Ion Ratio Lower Upper

95 100

174 78.4 69.6 104.4

175 5.5 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

