

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035690.D
 Acq On : 21 Sep 2020 17:44
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 22 03:11:44 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	1033289	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3902416	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3818054	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2880358	10.62	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.20%

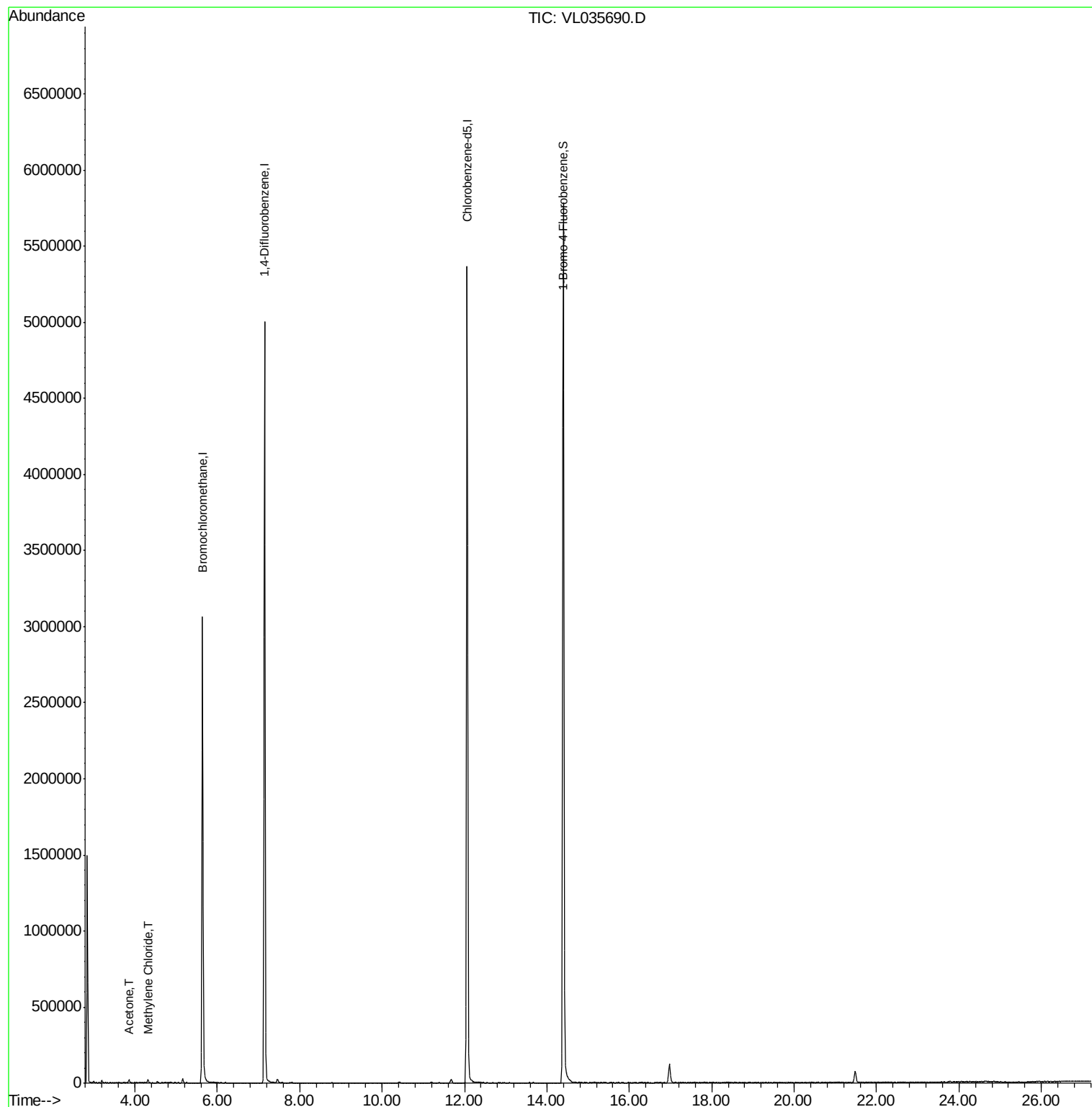
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	16200	0.142	ppbv #	35
20) Methylene Chloride	4.32	84	9907	0.117	ppbv #	92

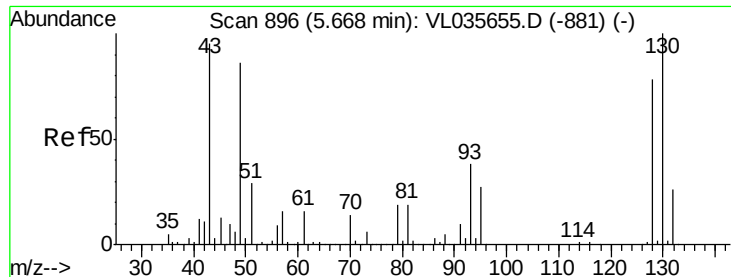
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

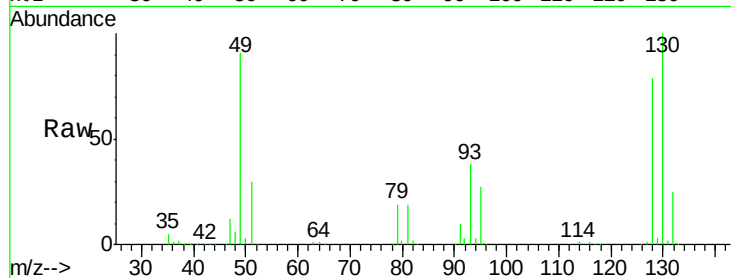
Tot Ion: 49 Resp: 1033289

Ion Ratio Lower Upper

49 100

128 86.8 50.0 150.1

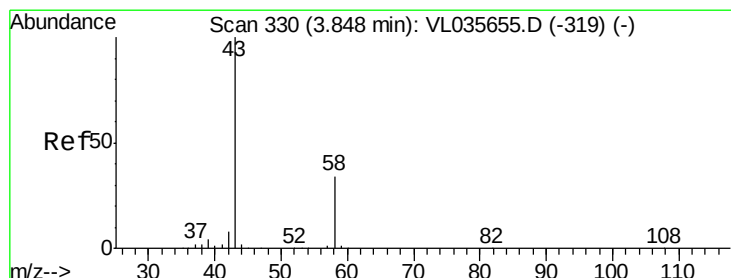
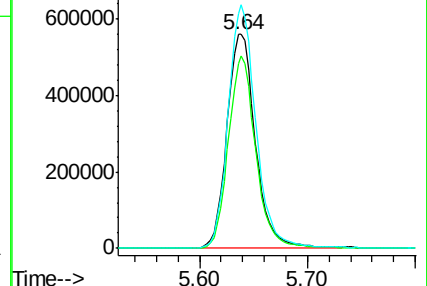
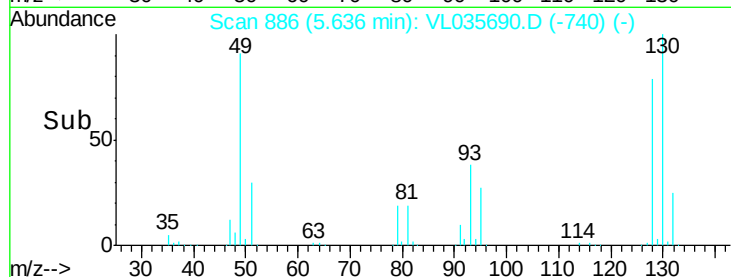
130 111.4 64.4 193.2



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: 0.142 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL035690.D

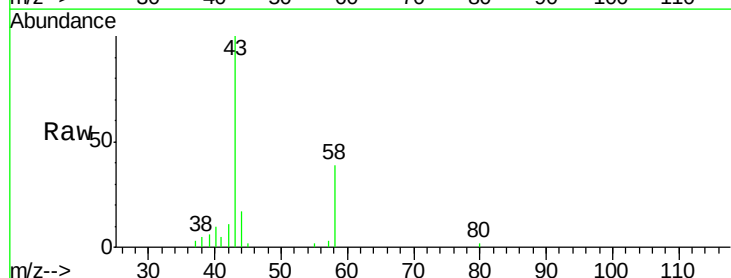
Acq: 21 Sep 2020 17:44

Tgt Ion: 43 Resp: 16200

Ion Ratio Lower Upper

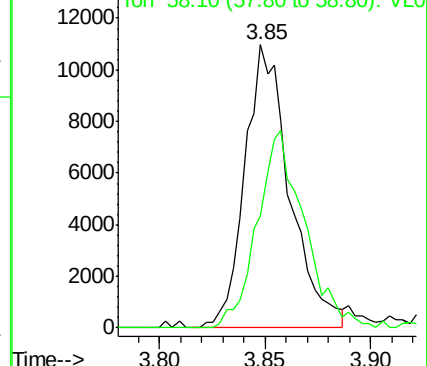
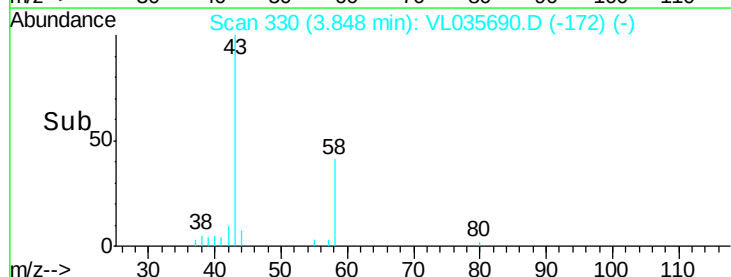
43 100

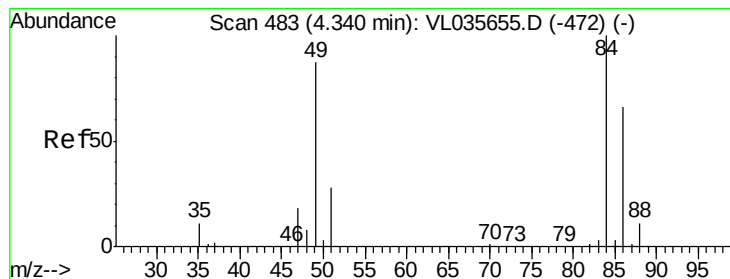
58 73.4 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methvlene Chloride

Concen: 0.117 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.02 min

Lab File: VL035690.D

Acq: 21 Sep 2020 17:44

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 84 Resp: 9907

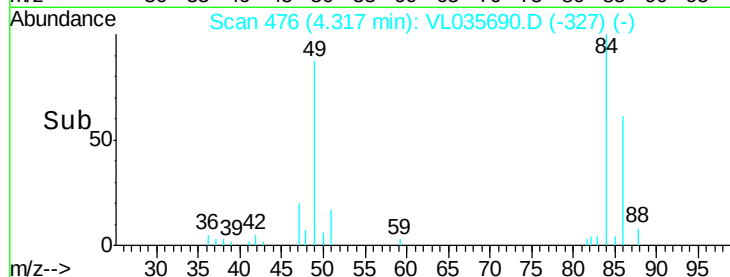
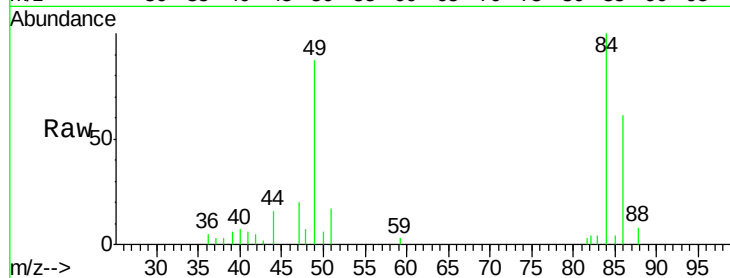
Ion Ratio Lower Upper

84 100

49 86.8 65.4 98.0

51 17.2 21.5 32.3#

86 61.1 52.9 79.3

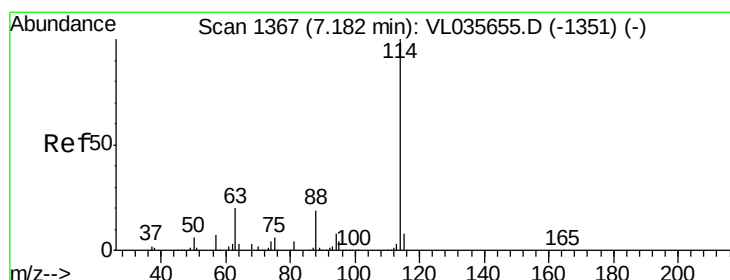
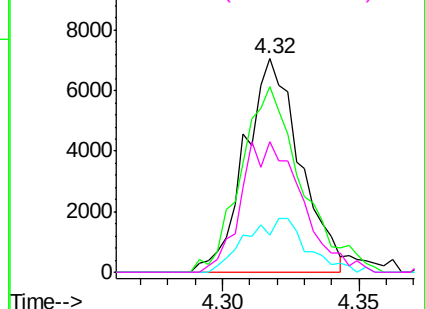


Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 7.15 min Scan# 1356

Delta R.T. -0.03 min

Lab File: VL035690.D

Acq: 21 Sep 2020 17:44

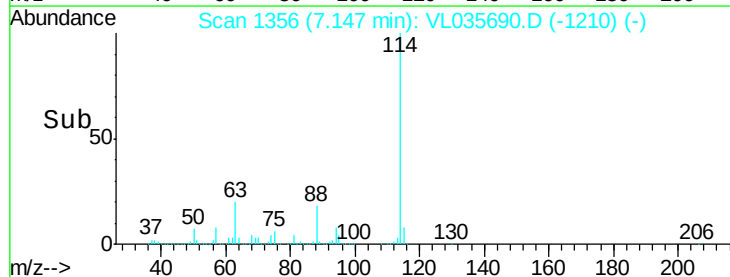
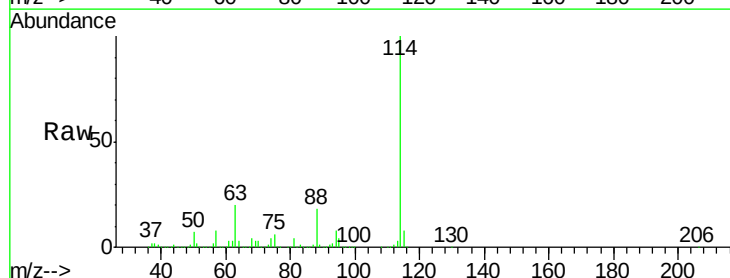
Tgt Ion: 114 Resp: 3902416

Ion Ratio Lower Upper

114 100

63 19.4 14.7 22.1

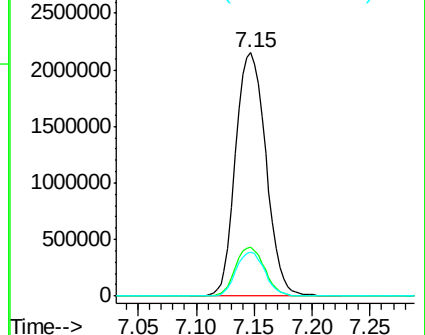
88 17.2 13.4 20.2

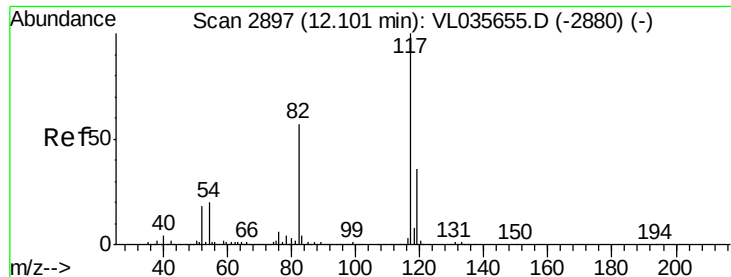


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

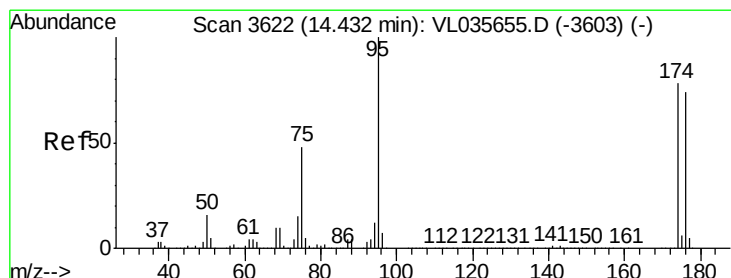
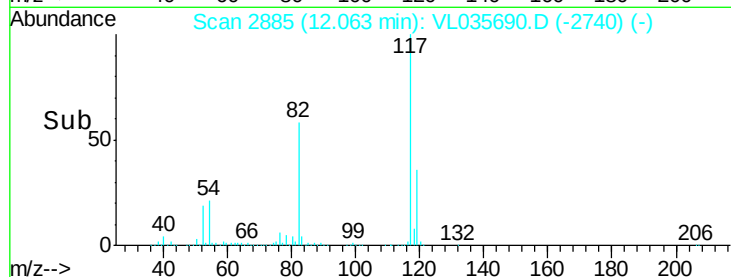
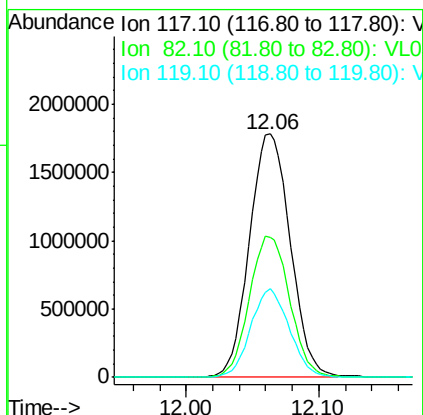
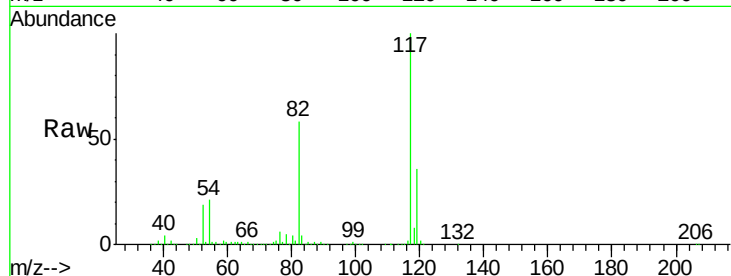




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL035690.D
Acq: 21 Sep 2020 17:44

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 3818054
Ion Ratio Lower Upper
117 100
82 57.8 41.6 62.4
119 34.7 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.623 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.03 min
Lab File: VL035690.D
Acq: 21 Sep 2020 17:44

Tgt Ion: 95 Resp: 2880358
Ion Ratio Lower Upper
95 100
174 78.3 69.6 104.4
175 5.6 5.1 7.7

