

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120319\
Data File : VL034454.D
Acq On : 3 Dec 2019 10:58
Operator : SY/AP
Sample : VL1203ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABL01

Manual Integrations
APPROVED

apatel
12/3/2019 5:03:40 PM

Quant Time: Dec 03 12:17:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1033946	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2025168	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	2002722	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1713213	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds					Ovalue
15) Acetone	3.86	43	24651m	0.166	ppbv
20) Methylene Chloride	4.34	84	9665m	0.184	ppbv

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

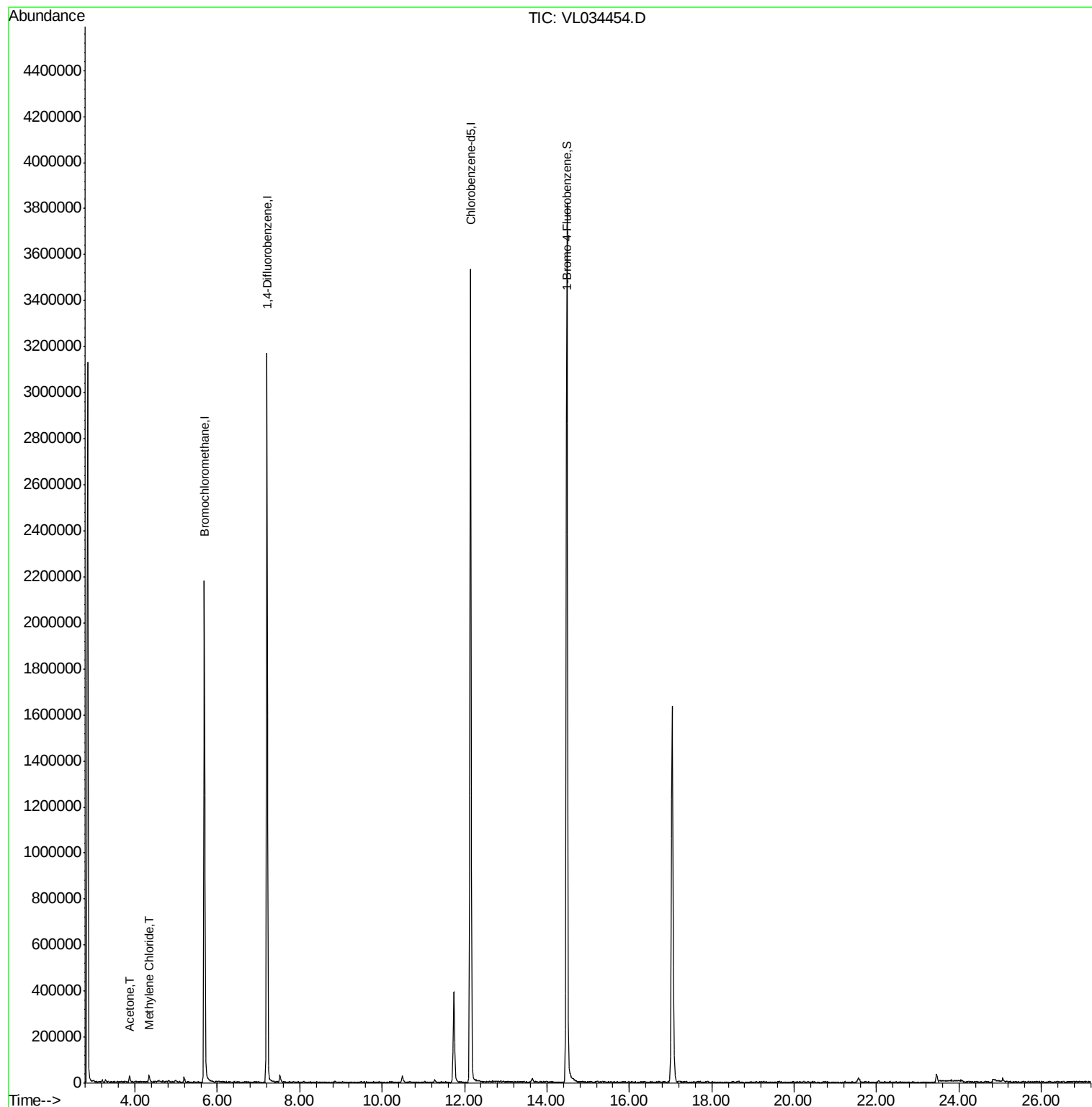
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120319\
Data File : VL034454.D
Acq On : 3 Dec 2019 10:58
Operator : SY/AP
Sample : VL1203ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABL01

Manual Integrations
APPROVED

apatel
12/3/2019 5:03:40 PM

Quant Time: Dec 03 12:17:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

Lab File: VL034454.D

Acq: 3 Dec 2019 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1203ABL01

Tot Ion: 49 Resp: 1033946

Ion Ratio Lower Upper

49 100

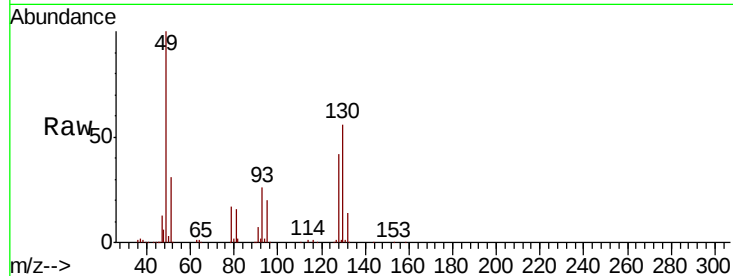
128 43.3 21.8 65.3

130 56.5 28.0 84.0

Manual Integrations
APPROVED

apatel

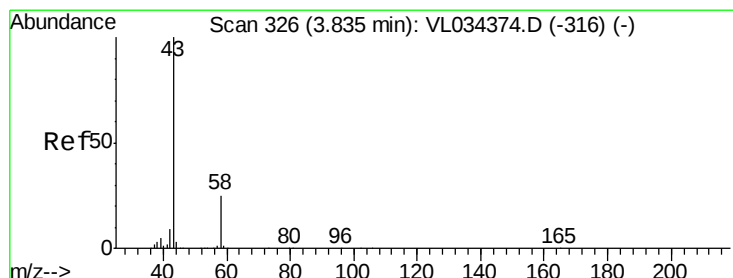
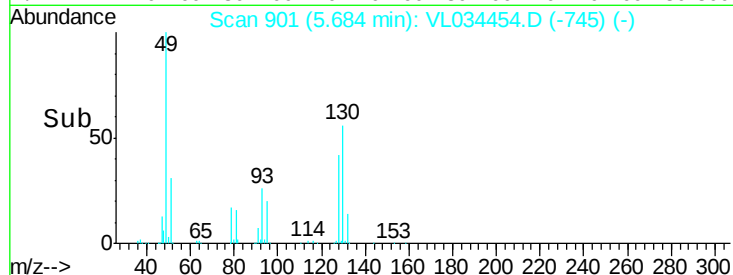
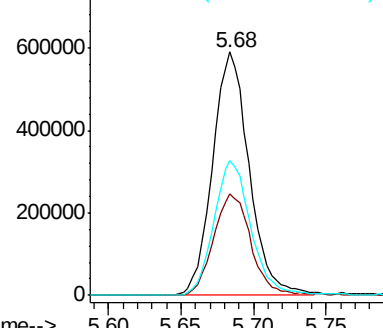
12/3/2019 5:03:40 PM



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: 0.166 ppbv m

RT: 3.86 min Scan# 335

Delta R.T. 0.03 min

Lab File: VL034454.D

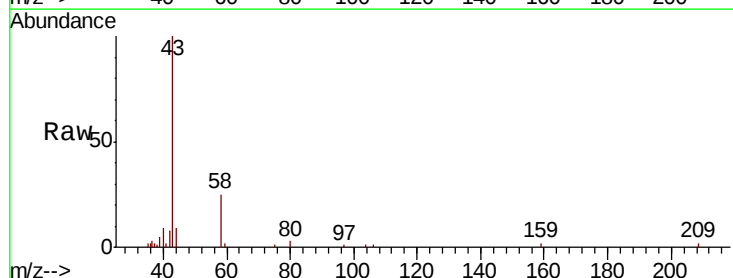
Acq: 3 Dec 2019 10:58

Tgt Ion: 43 Resp: 24651

Ion Ratio Lower Upper

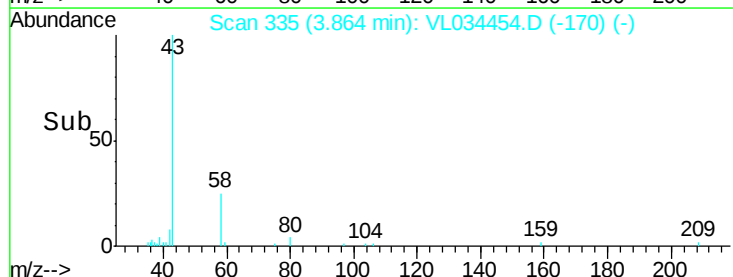
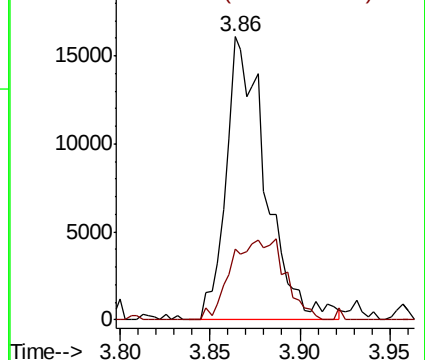
43 100

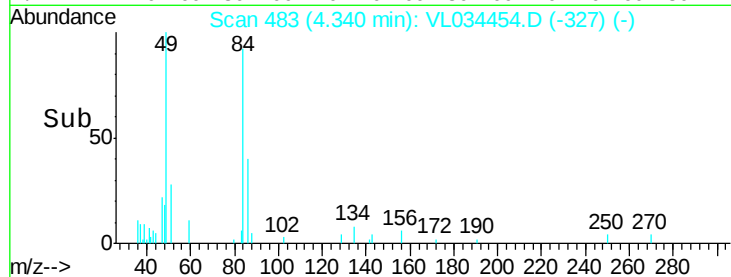
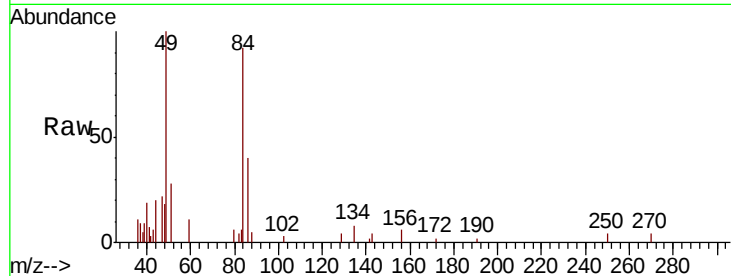
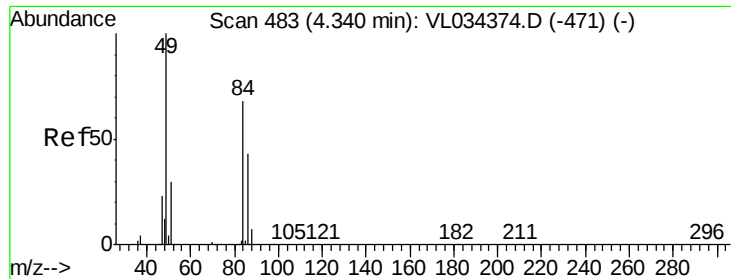
58 0.0 20.2 30.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





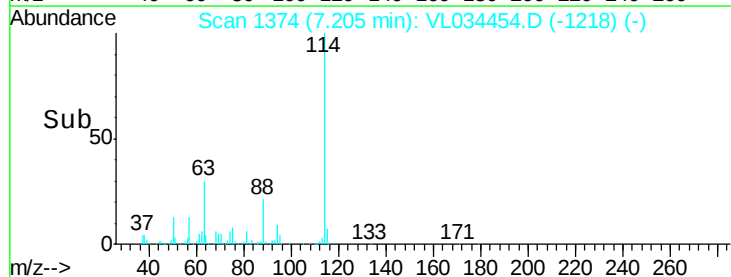
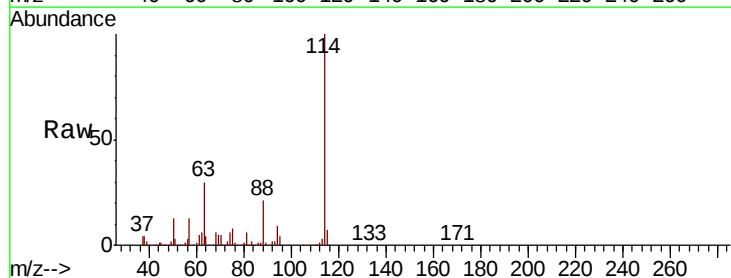
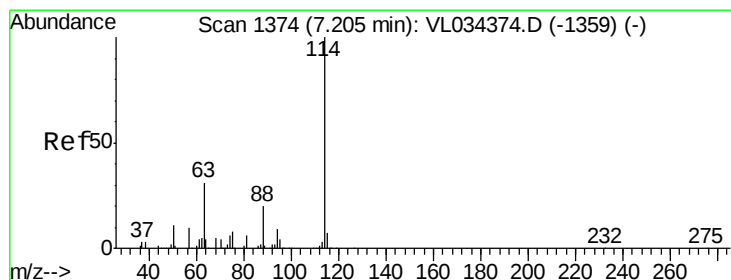
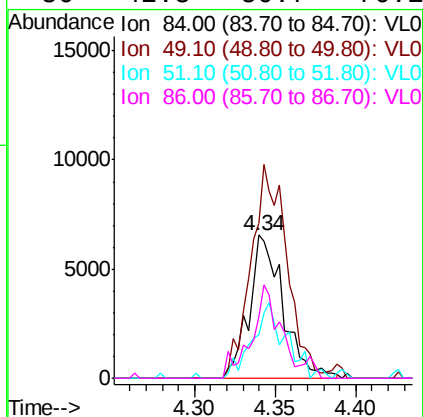
#20
Methvlene Chloride
Concen: 0.184 ppbv m
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL034454.D
Acq: 3 Dec 2019 10:58

Tot Ion	Ratio	Lower	Upper
84	100		
49	108.3	116.8	175.2#
51	30.4	35.6	53.4#
86	42.8	50.7	76.1#

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABL01

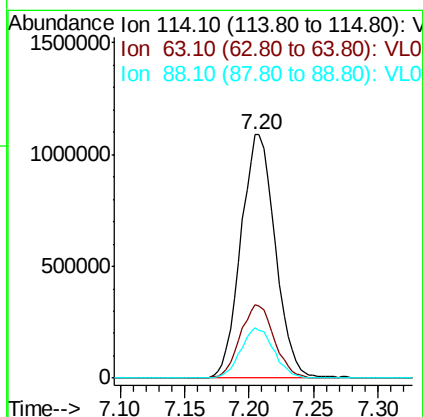
Manual Integrations
APPROVED

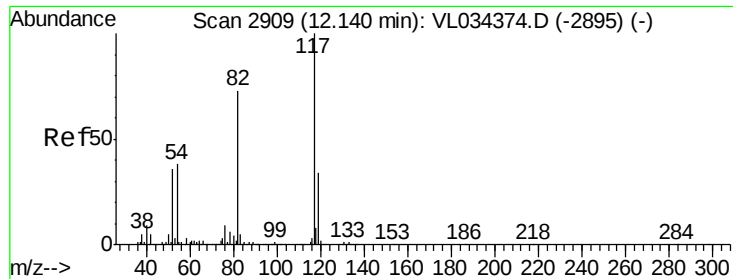
apatel
12/3/2019 5:03:40 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. 0.00 min
Lab File: VL034454.D
Acq: 3 Dec 2019 10:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.2	36.4
88	19.9	15.9	23.9





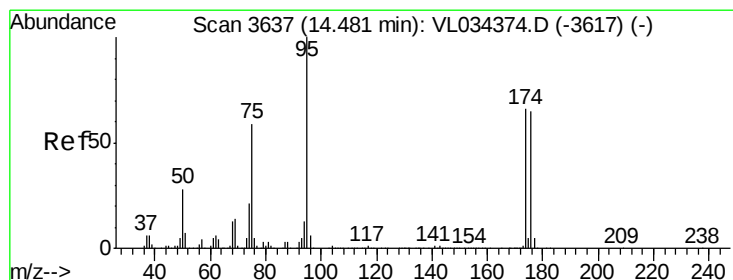
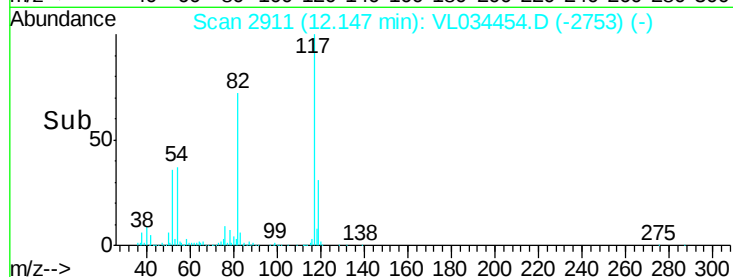
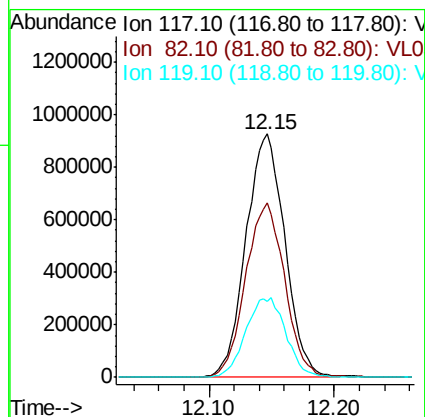
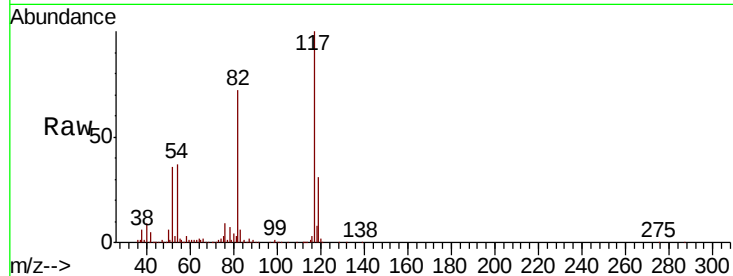
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.01 min
Lab File: VL034454.D
Acq: 3 Dec 2019 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	72.0	57.5	86.3
119	33.8	25.4	38.2

Manual Integrations
APPROVED

apatel
12/3/2019 5:03:40 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.168 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. 0.00 min
Lab File: VL034454.D
Acq: 3 Dec 2019 10:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.9	52.2	78.2
175	4.7	3.8	5.8

