

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036668.D
 Acq On : 3 Apr 2021 5:53
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

apatel
 4/5/2021 1:14:28 PM

Quant Time: Apr 03 07:45:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1127548	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3033360	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2604203	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2046558	9.86	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	38316m	0.345	ppbv	
20) Methylene Chloride	4.32	84	9083m	0.175	ppbv	

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

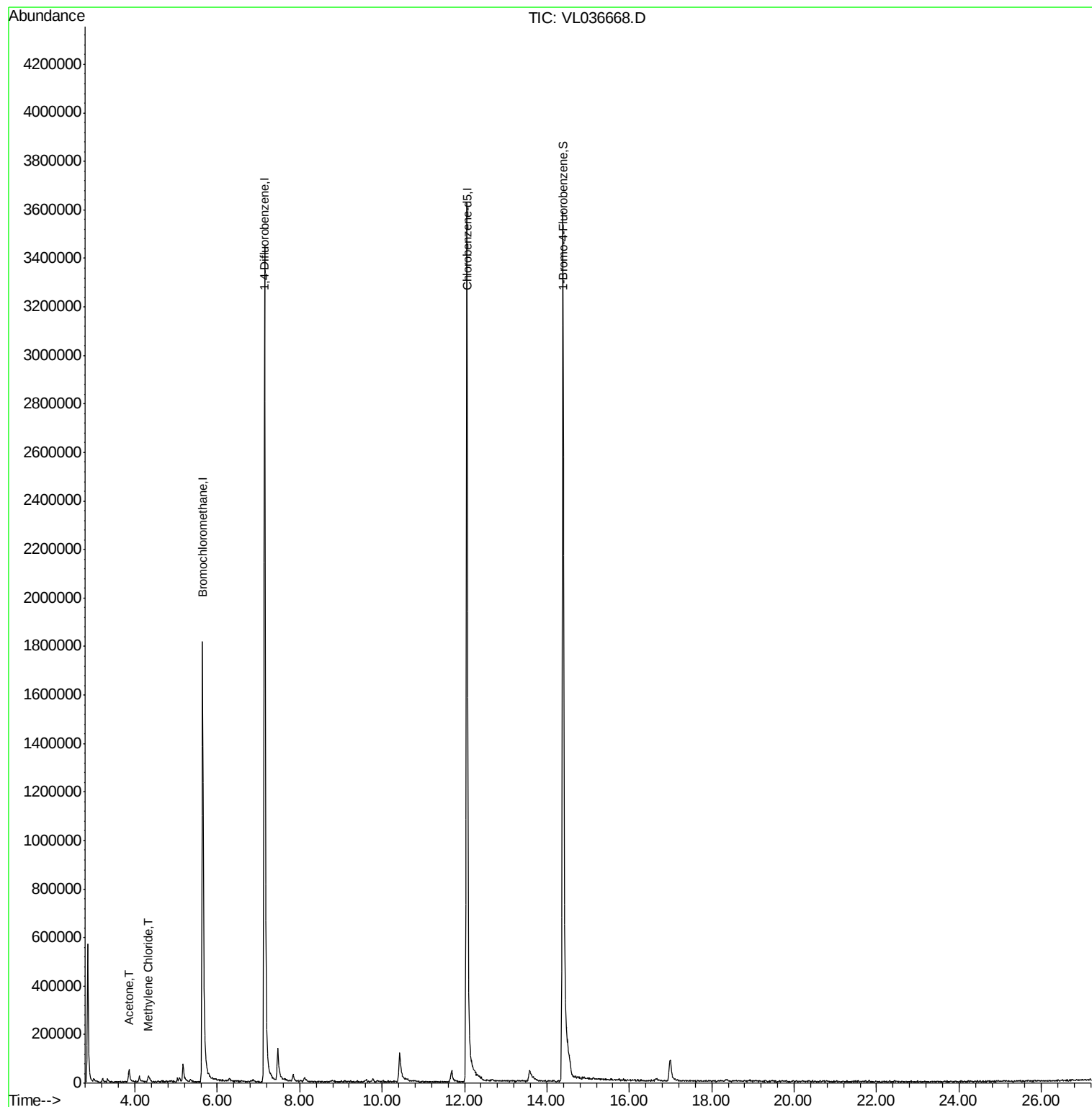
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036668.D
Acq On : 3 Apr 2021 5:53
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

apatel
4/5/2021 1:14:28 PM

Quant Time: Apr 03 07:45:59 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

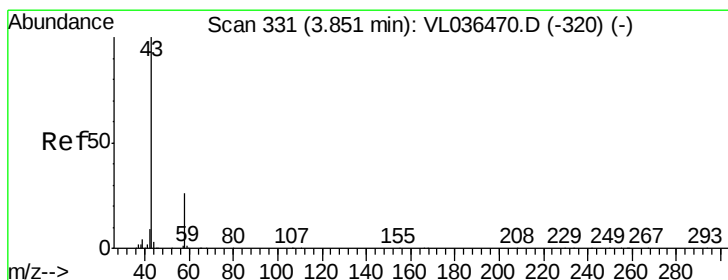
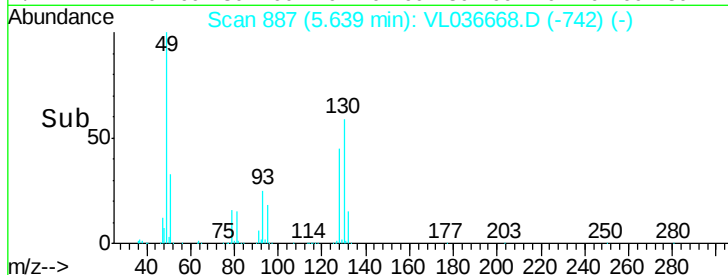
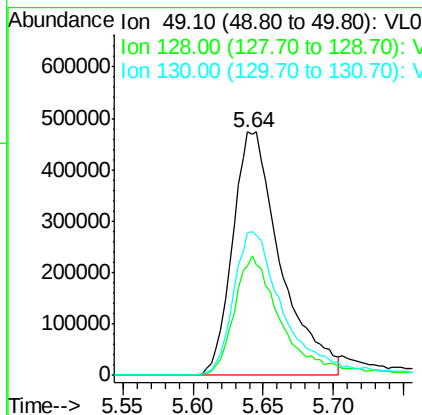
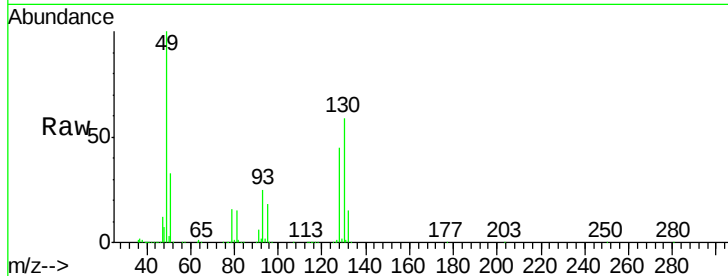
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 887
 Delta R.T. -0.03 min
 Lab File: VL036668.D
 Acq: 3 Apr 2021 5:53

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion: 49 Resp: 1127548
 Ion Ratio Lower Upper
 49 100
 128 50.4 23.5 70.6
 130 64.7 29.1 87.4

Manual Integrations
 APPROVED

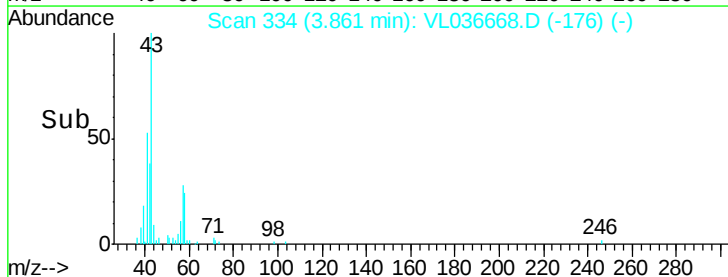
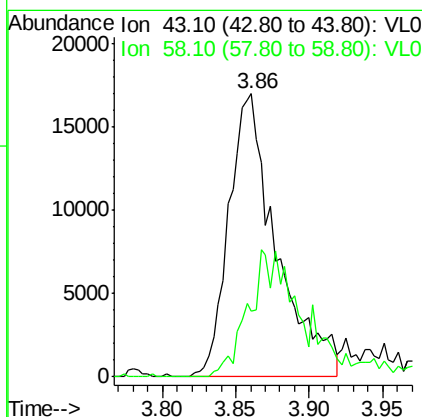
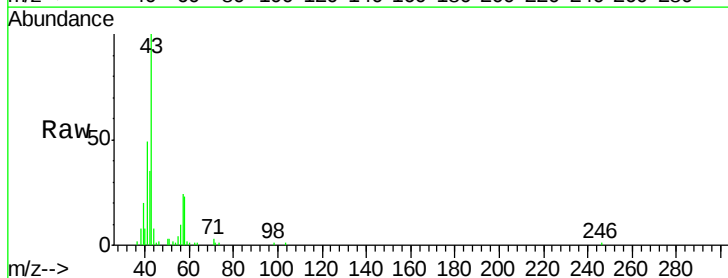
apatel
 4/5/2021 1:14:28 PM

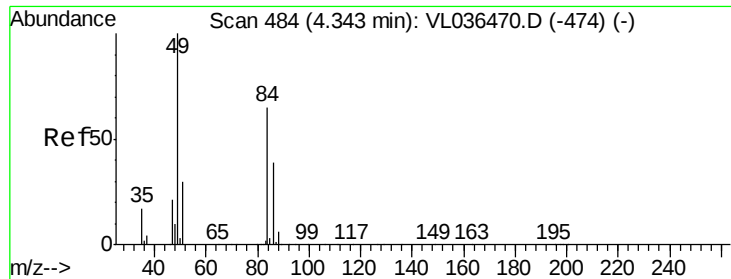


#15

Acetone
 Concen: 0.345 ppbv m
 RT: 3.86 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VL036668.D
 Acq: 3 Apr 2021 5:53

Tgt Ion: 43 Resp: 38316
 Ion Ratio Lower Upper
 43 100
 58 49.2 21.2 31.8#





#20

Methylene Chloride

Concen: 0.175 ppbv m

RT: 4.32 min Scan# 476

Delta R.T. -0.03 min

Lab File: VL036668.D

Acq: 3 Apr 2021 5:53

Instrument :

MSVOA_L

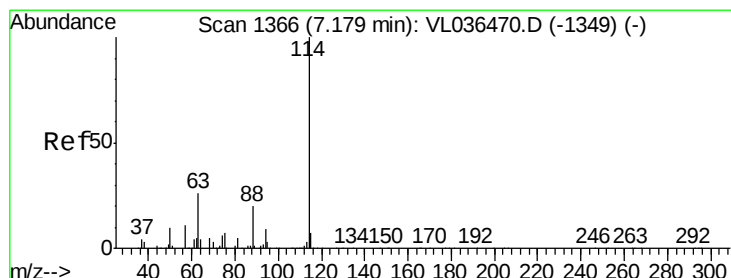
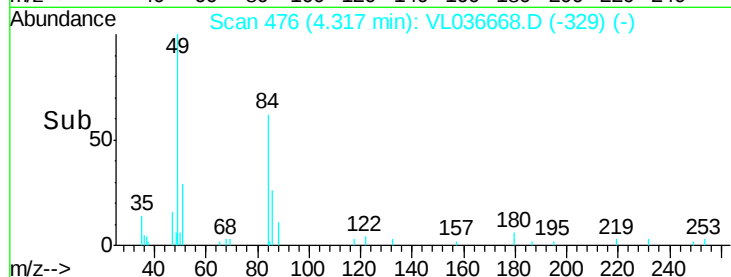
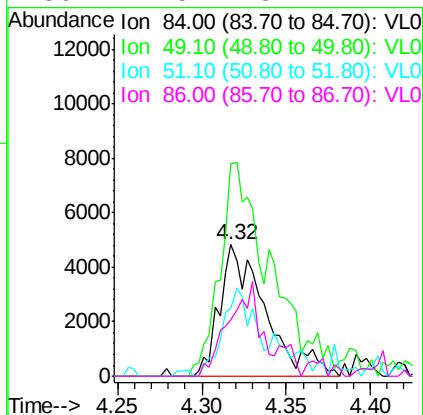
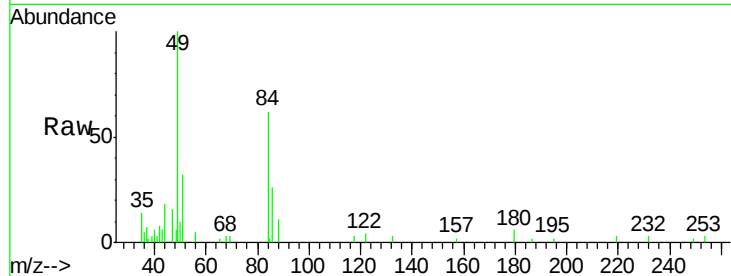
ClientSampleId :

VIBLK

Tot Ion:	84	Resp:	9083
Ion	Ratio	Lower	Upper
84	100		
49	161.1	122.9	184.3
51	51.4	36.9	55.3
86	42.5	48.2	72.4#

Manual Integrations
APPROVED

apatel
4/5/2021 1:14:28 PM



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

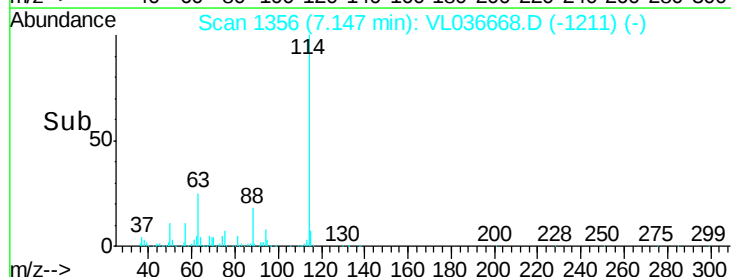
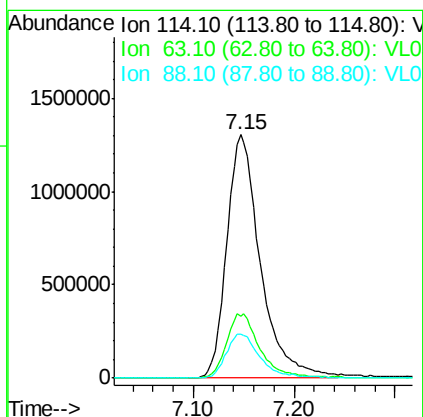
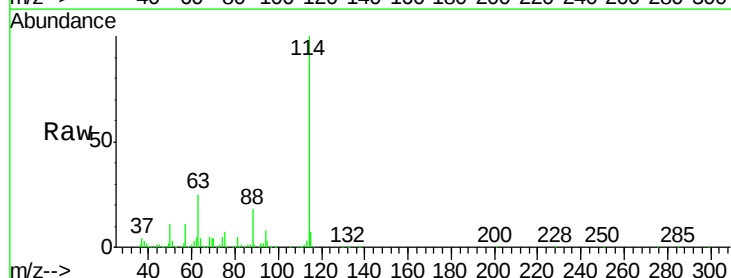
RT: 7.15 min Scan# 1356

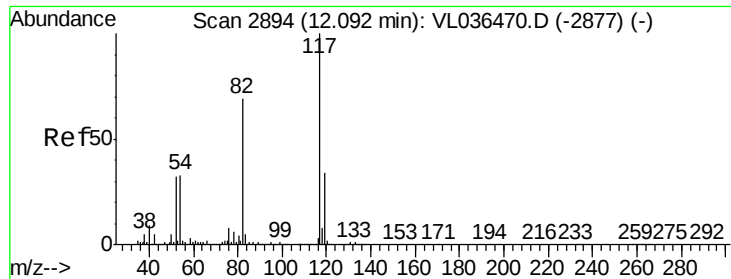
Delta R.T. -0.03 min

Lab File: VL036668.D

Acq: 3 Apr 2021 5:53

Tgt Ion:	114	Resp:	3033360
Ion	Ratio	Lower	Upper
114	100		
63	26.7	22.4	33.6
88	18.8	15.4	23.0





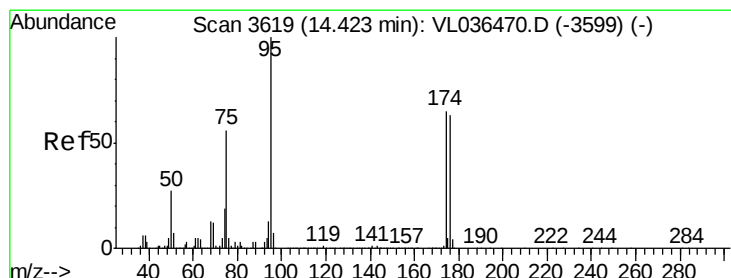
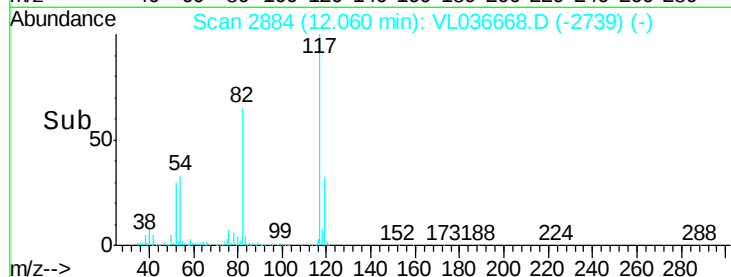
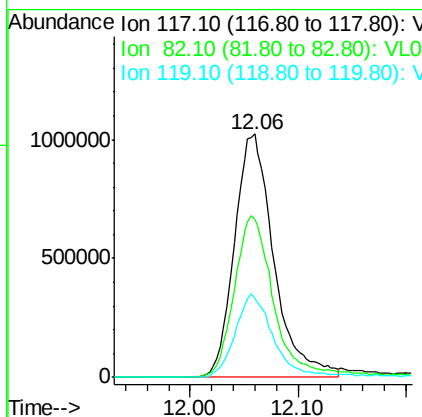
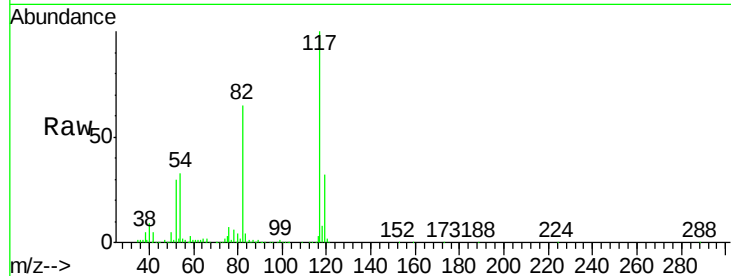
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.03 min
Lab File: VL036668.D
Acq: 3 Apr 2021 5:53

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 2604203
Ion Ratio Lower Upper
117 100
82 69.6 57.4 86.0
119 33.9 47.4 71.0#

Manual Integrations
APPROVED

apatel
4/5/2021 1:14:28 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.860 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL036668.D
Acq: 3 Apr 2021 5:53

Tgt Ion: 95 Resp: 2046558
Ion Ratio Lower Upper
95 100
174 73.1 51.0 76.6
175 5.0 3.9 5.9

