

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037259.D
 Acq On : 29 Jun 2021 21:27
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 3:38:52 PM

Quant Time: Jun 30 06:53:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1580678	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4608132	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	4103610	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3032713	9.75	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	50848m	0.285	ppbv	
20) Methylene Chloride	4.34	84	27774m	0.260	ppbv	

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

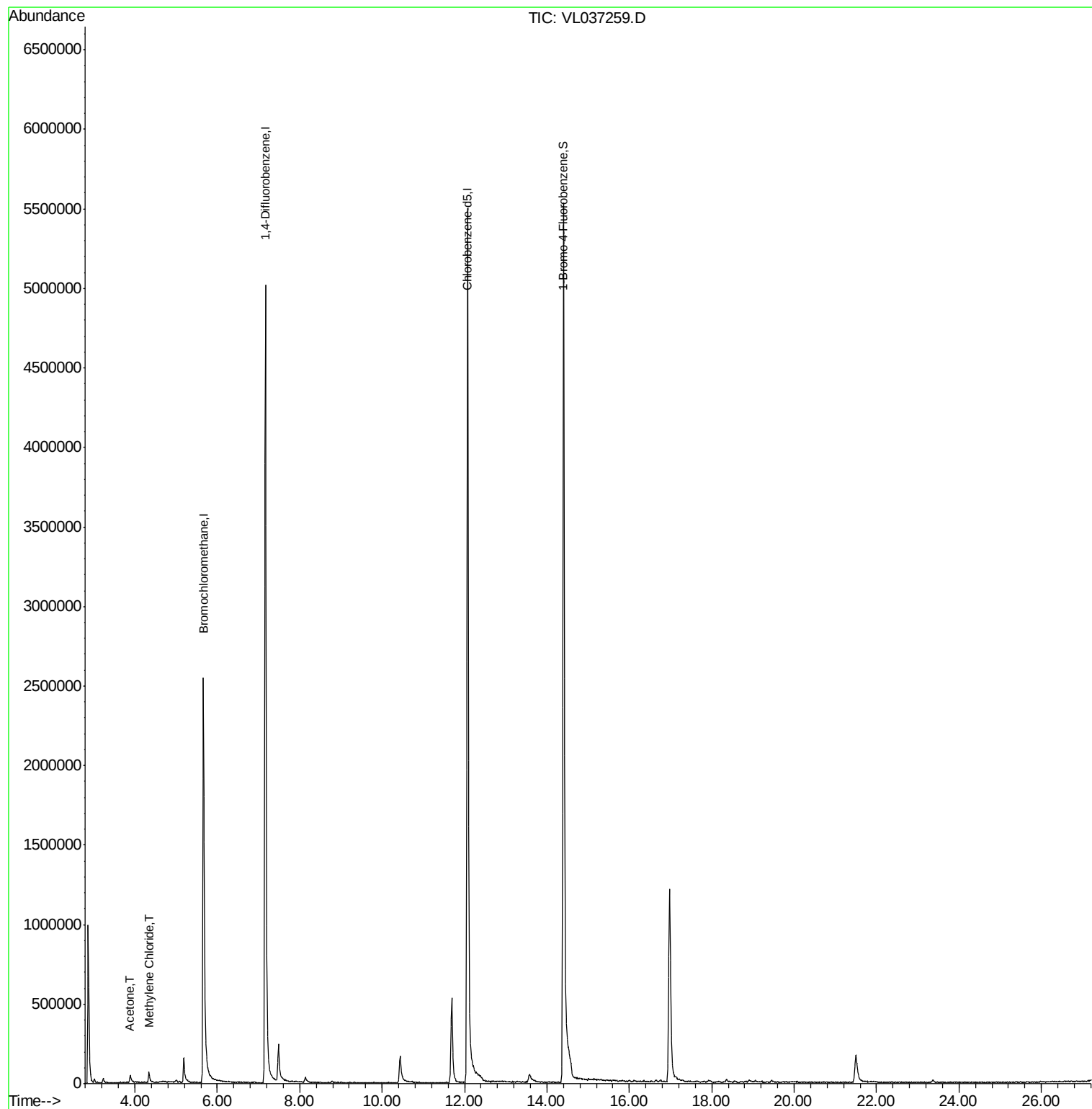
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062921\
Data File : VL037259.D
Acq On : 29 Jun 2021 21:27
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

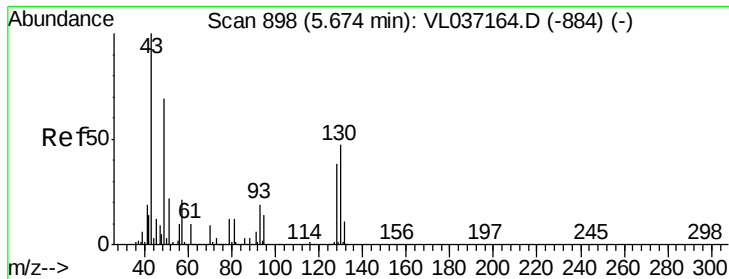
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

MMDadoda
7/5/2021 3:38:52 PM

Quant Time: Jun 30 06:53:57 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.02 min

Lab File: VL037259.D

Acq: 29 Jun 2021 21:27

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1580678

Ion Ratio Lower Upper

49 100

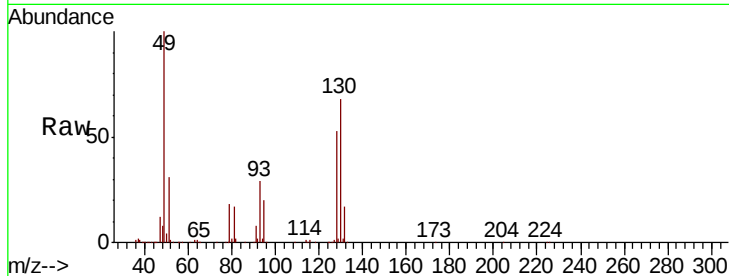
128 55.5 29.3 88.0

130 72.0 35.9 107.8

Manual Integrations
APPROVED

MMDadoda

7/5/2021 3:38:52 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

800000

600000

400000

200000

0

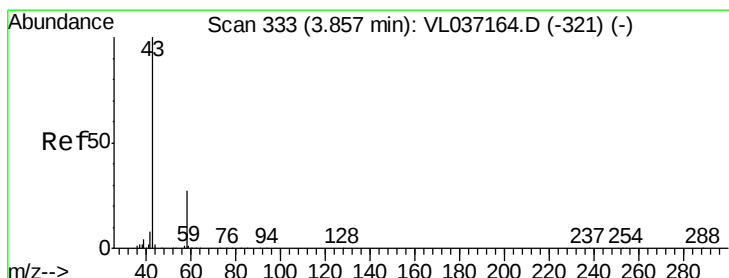
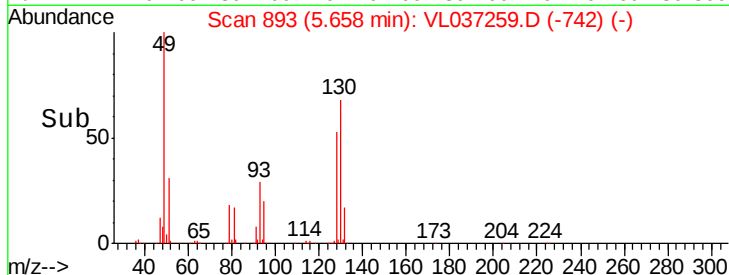
5.66

5.60

5.70

5.80

Time-->



#15

Acetone

Concen: 0.285 ppbv m

RT: 3.88 min Scan# 339

Delta R.T. 0.02 min

Lab File: VL037259.D

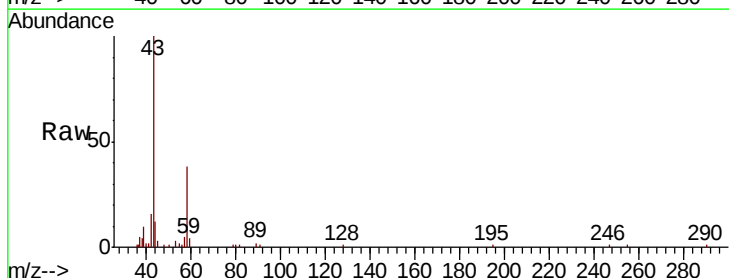
Acq: 29 Jun 2021 21:27

Tgt Ion: 43 Resp: 50848

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

25000

20000

15000

10000

5000

0

3.88

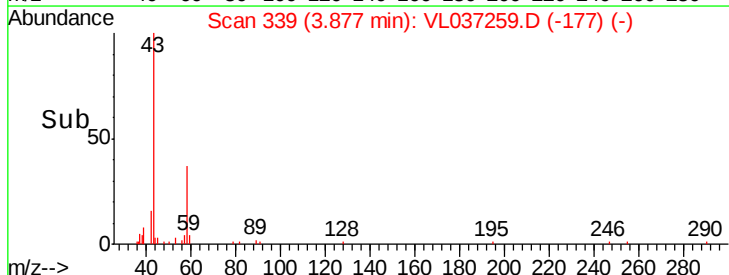
3.80

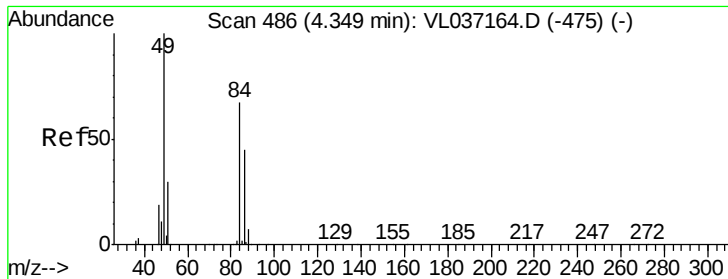
3.90

3.95

4.00

Time-->





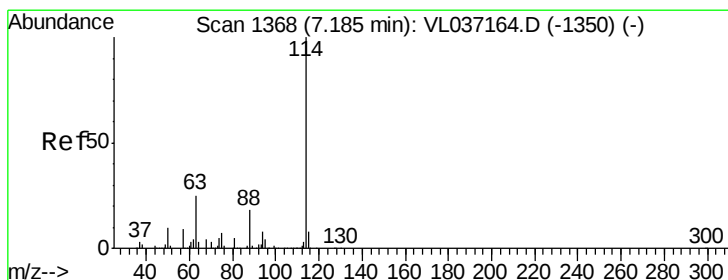
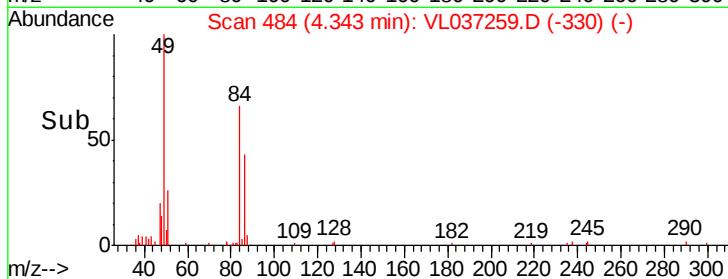
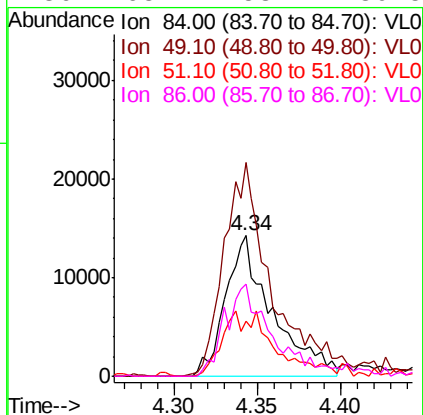
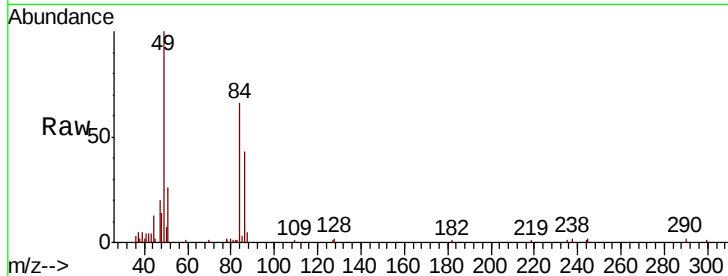
#20
Methylene Chloride
Concen: 0.260 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL037259.D
Acq: 29 Jun 2021 21:27

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:	84	Resp:	27774
Ion	Ratio	Lower	Upper
84	100		
49	151.8	119.7	179.5
51	39.4	36.1	54.1
86	65.4	53.7	80.5

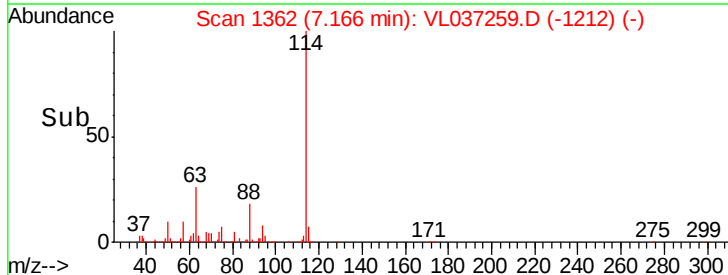
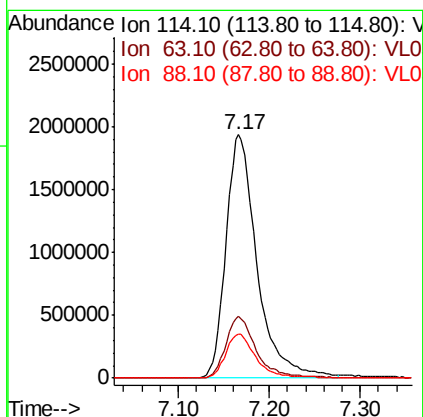
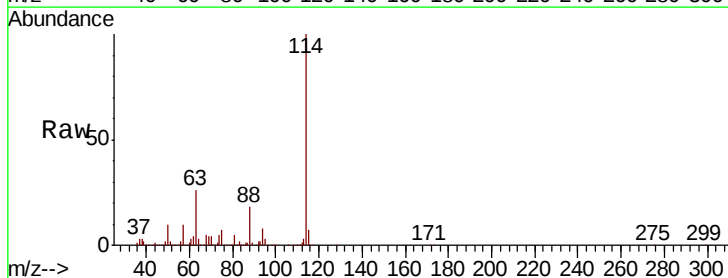
Manual Integrations
APPROVED

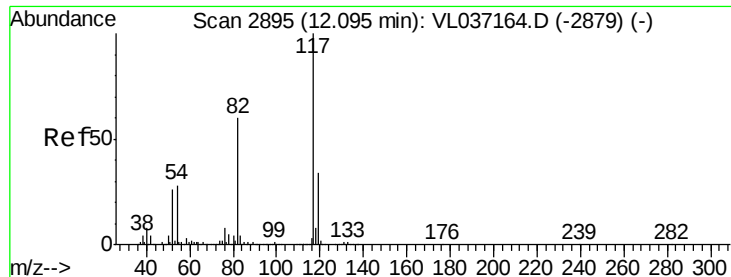
MMDadoda
7/5/2021 3:38:52 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL037259.D
Acq: 29 Jun 2021 21:27

Tgt Ion:	114	Resp:	4608132
Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.6	29.4
88	18.1	14.2	21.2





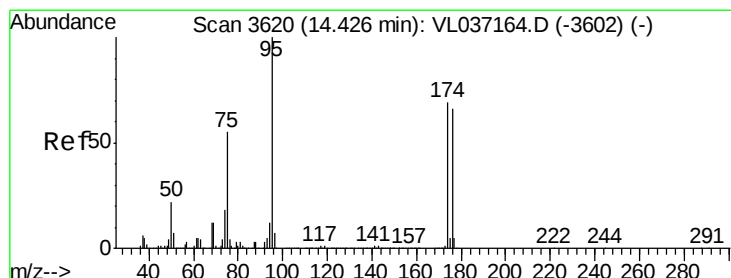
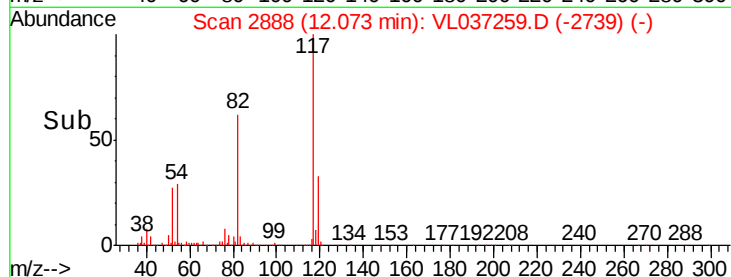
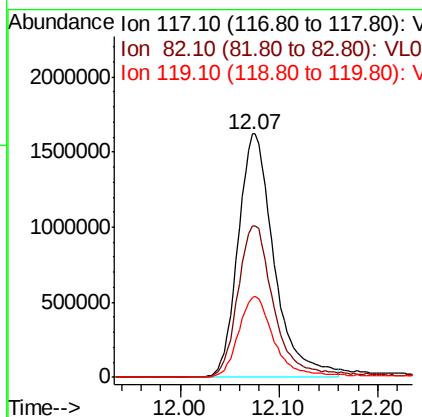
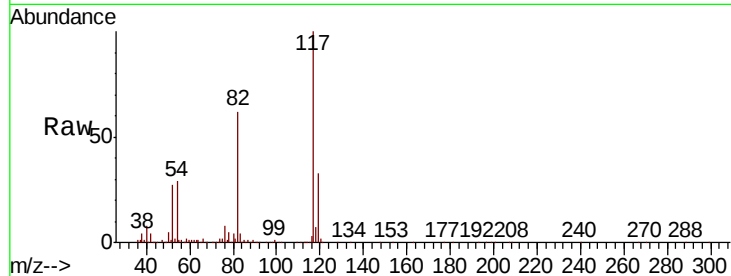
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL037259.D
Acq: 29 Jun 2021 21:27

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.1	51.7	77.5
119	34.2	47.6	71.4#

Manual Integrations
APPROVED

MMDadoda
7/5/2021 3:38:52 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.753 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.02 min
Lab File: VL037259.D
Acq: 29 Jun 2021 21:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.5	57.0	85.4
175	5.6	4.4	6.6

