

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050721\
 Data File : VL036915.D
 Acq On : 7 May 2021 12:25
 Operator : SY/AP
 Sample : QC042221 CAN 10663
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042221 CAN 10663

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 3:34:27 PM

Quant Time: May 08 18:54:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Apr 27 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1214416	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2919405	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2619962	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2039619	9.70	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	60259m	0.526	ppbv	
20) Methylene Chloride	4.36	84	42125m	0.770	ppbv	

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

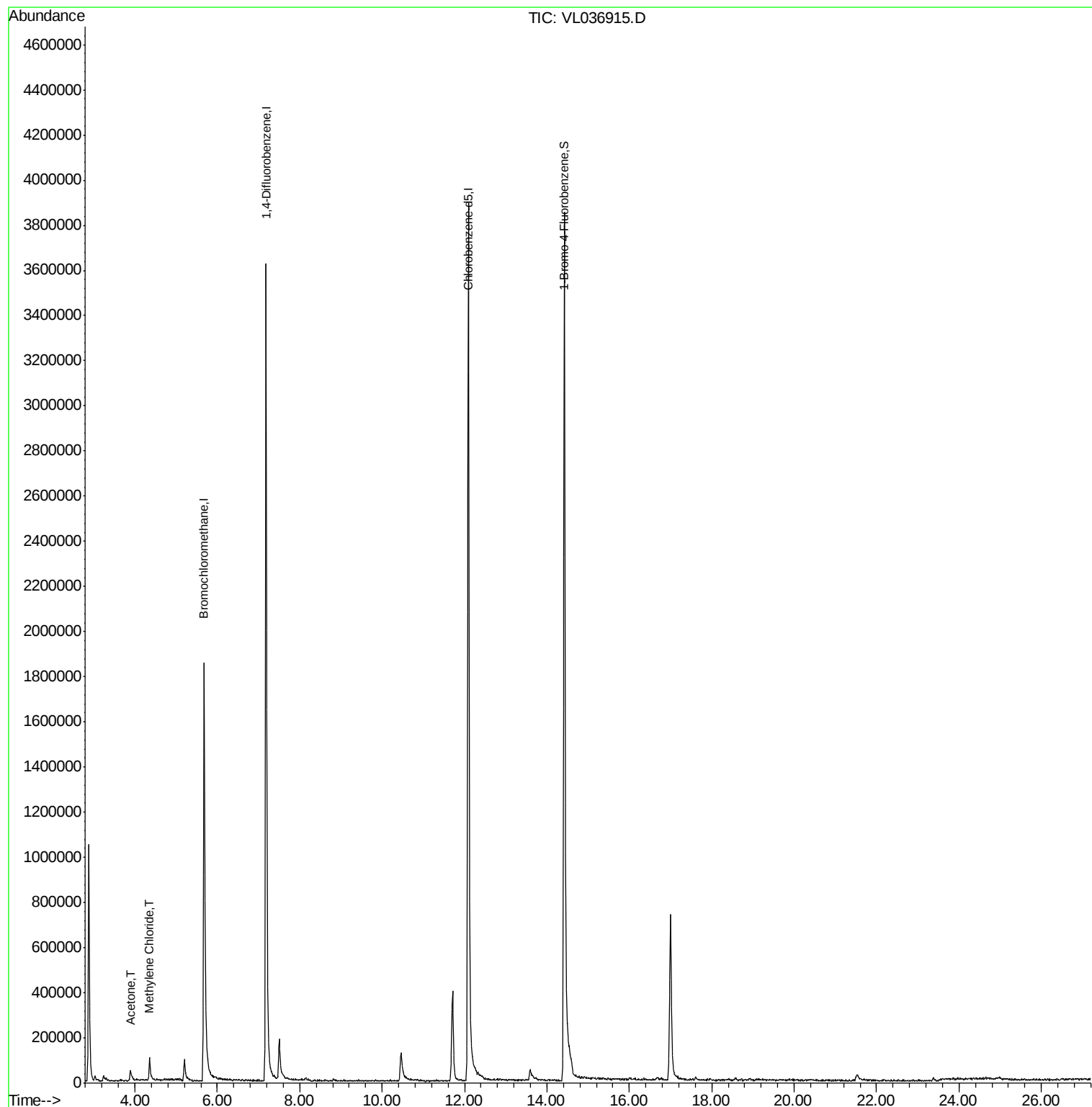
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL050721\
Data File : VL036915.D
Acq On : 7 May 2021 12:25
Operator : SY/AP
Sample : OC042221 CAN 10663
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

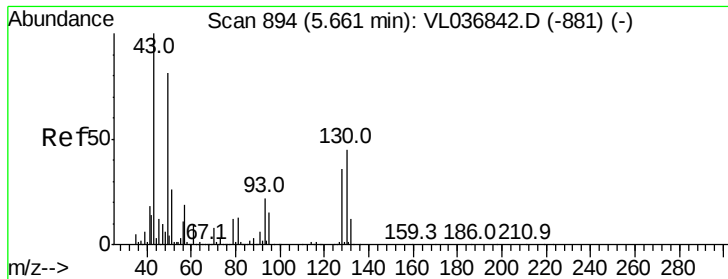
Instrument :
MSVOA_L
ClientSampleId :
QC042221 CAN 10663

Manual Integrations
APPROVED

MMDadoda
5/10/2021 3:34:27 PM

Quant Time: May 08 18:54:27 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.02 min

Lab File: VL036915.D

Acq: 7 May 2021 12:25

Instrument :

MSVOA_L

ClientSampleId :

QC042221 CAN 10663

Tot Ion: 49 Resp: 1214416

Ion Ratio Lower Upper

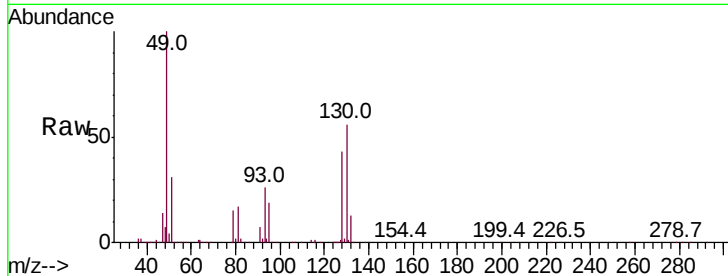
49 100

128 47.3 24.4 73.2

130 61.3 30.3 90.8

Manual Integrations
APPROVED

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5/10/2021 3:34:27 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

600000

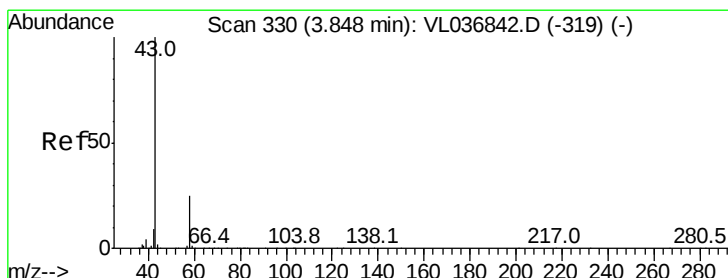
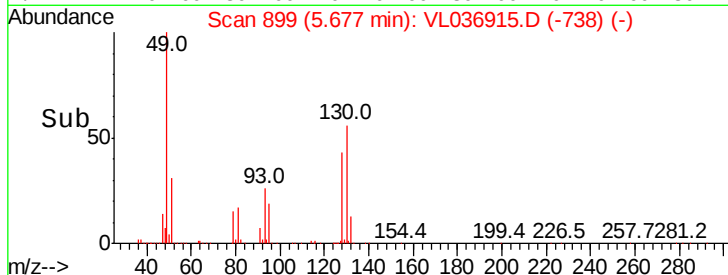
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#15

Acetone

Concen: 0.526 ppbv m

RT: 3.89 min Scan# 342

Delta R.T. 0.04 min

Lab File: VL036915.D

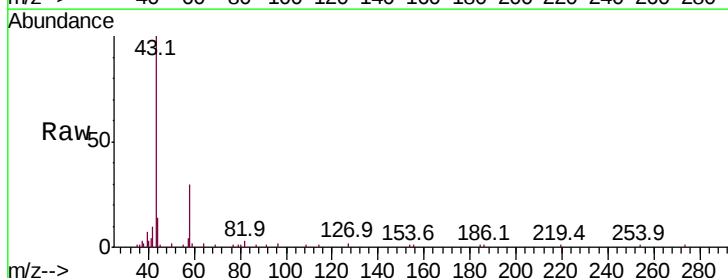
Acq: 7 May 2021 12:25

Tgt Ion: 43 Resp: 60259

Ion Ratio Lower Upper

43 100

58 56.4 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

30000

25000

20000

15000

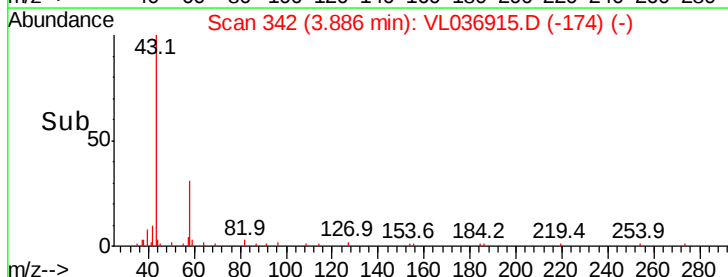
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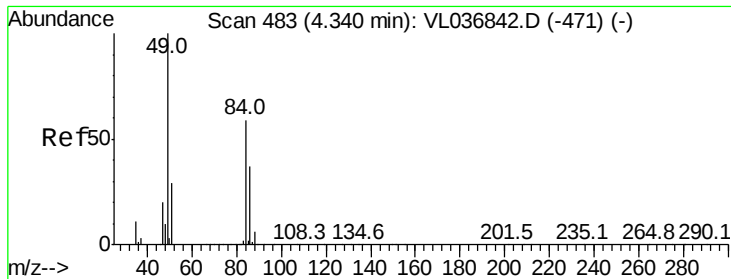
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0

3.80 3.85 3.90 3.95 4.00

Time-->





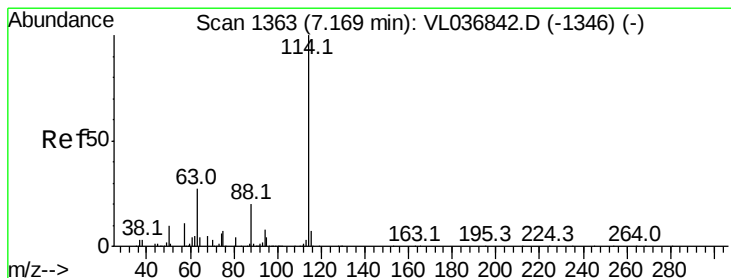
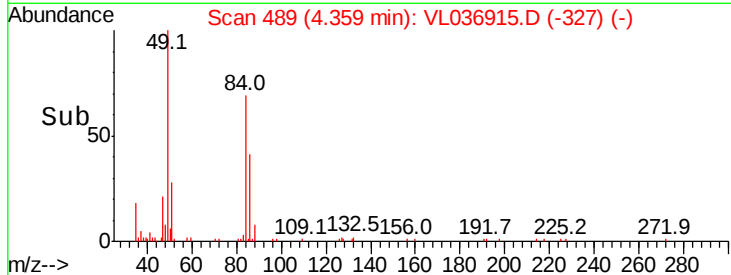
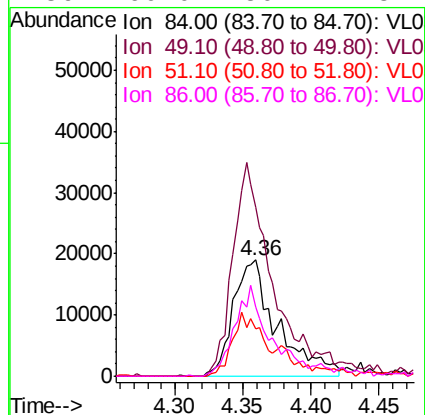
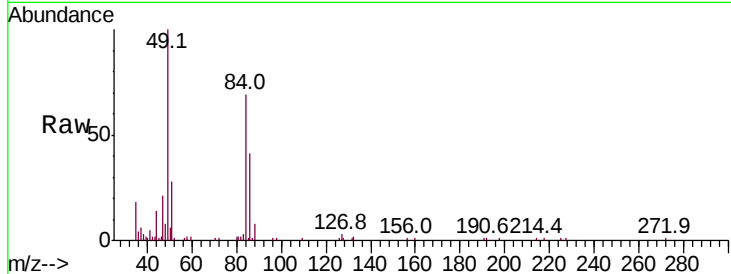
#20
Methvlene Chloride
Concen: 0.770 ppbv m
RT: 4.36 min Scan# 489
Delta R.T. 0.02 min
Lab File: VL036915.D
Acq: 7 May 2021 12:25

Instrument :
MSVOA_L
ClientSampleId :
QC042221 CAN 10663

Tot Ion	Ratio	Lower	Upper
84	100		
49	145.2	135.4	203.0
51	40.3	39.3	58.9
86	60.0	50.2	75.2

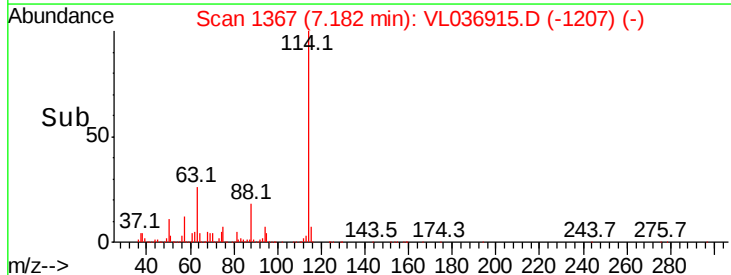
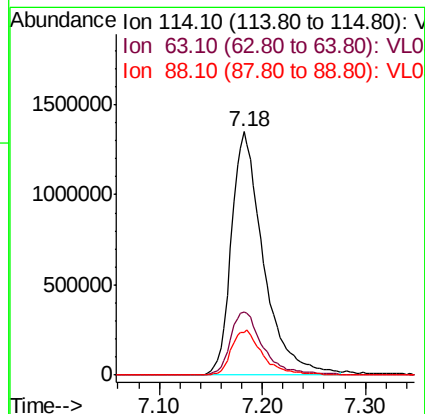
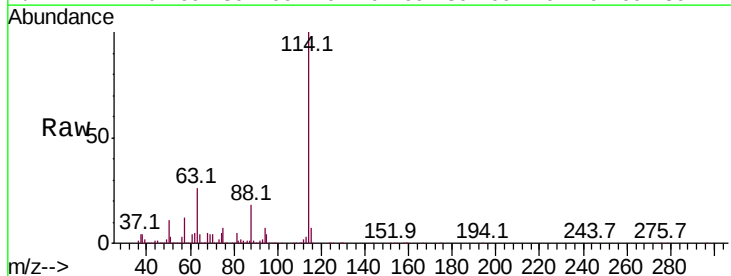
Manual Integrations
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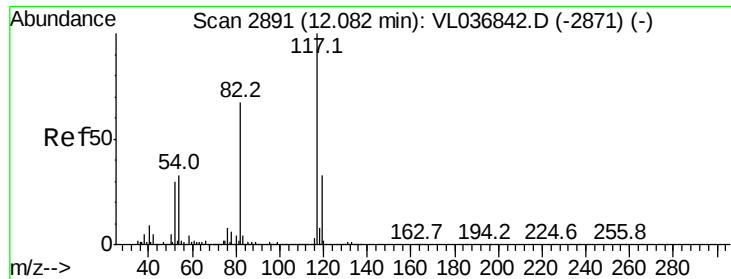
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL036915.D
Acq: 7 May 2021 12:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.9	32.9
88	18.6	15.1	22.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2894

Delta R.T. 0.01 min

Lab File: VL036915.D

Acq: 7 May 2021 12:25

Instrument :

MSVOA_L

ClientSampleId :

QC042221 CAN 10663

Tot Ion:117 Resp: 2619962

Ion Ratio Lower Upper

117 100

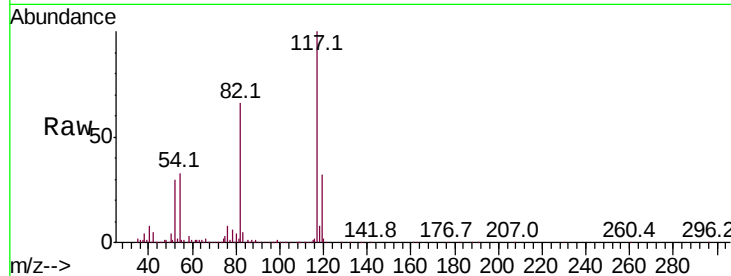
82 71.2 53.5 80.3

119 33.8 25.6 38.4

Manual Integrations
APPROVED

MMDadoda

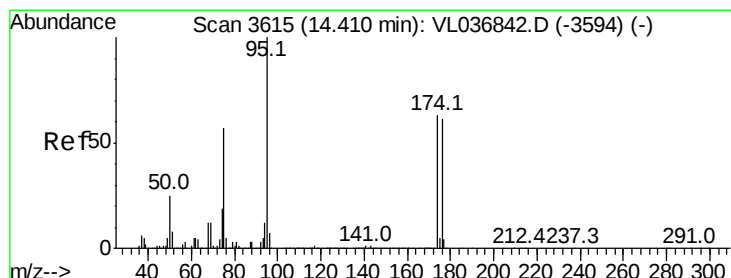
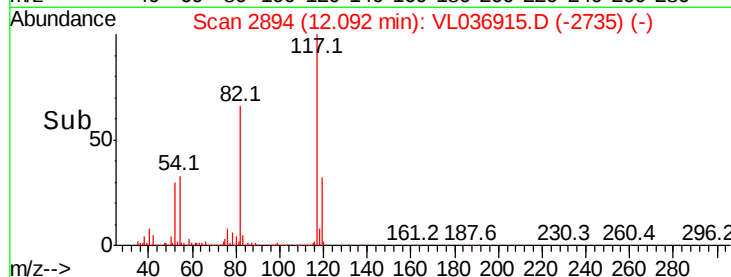
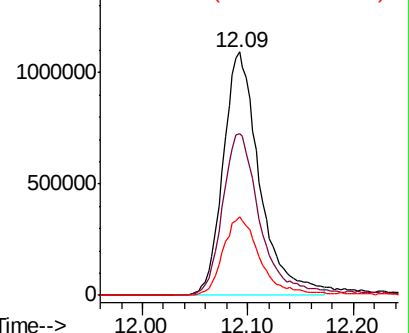
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.698 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.01 min

Lab File: VL036915.D

Acq: 7 May 2021 12:25

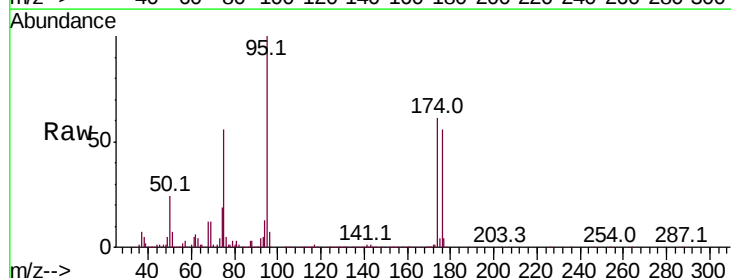
Tgt Ion: 95 Resp: 2039619

Ion Ratio Lower Upper

95 100

174 67.5 52.2 78.2

175 4.7 4.0 6.0



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

