

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052521\
 Data File : VL037056.D
 Acq On : 25 May 2021 10:50
 Operator : SY/AP
 Sample : VL0525ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0525ABL01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:31:25 AM

Quant Time: May 26 11:36:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1039108	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3371911	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	2889048	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2137792	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.87	43	30232m	0.284	ppbv	
20) Methylene Chloride	4.33	84	27078m	0.475	ppbv	

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

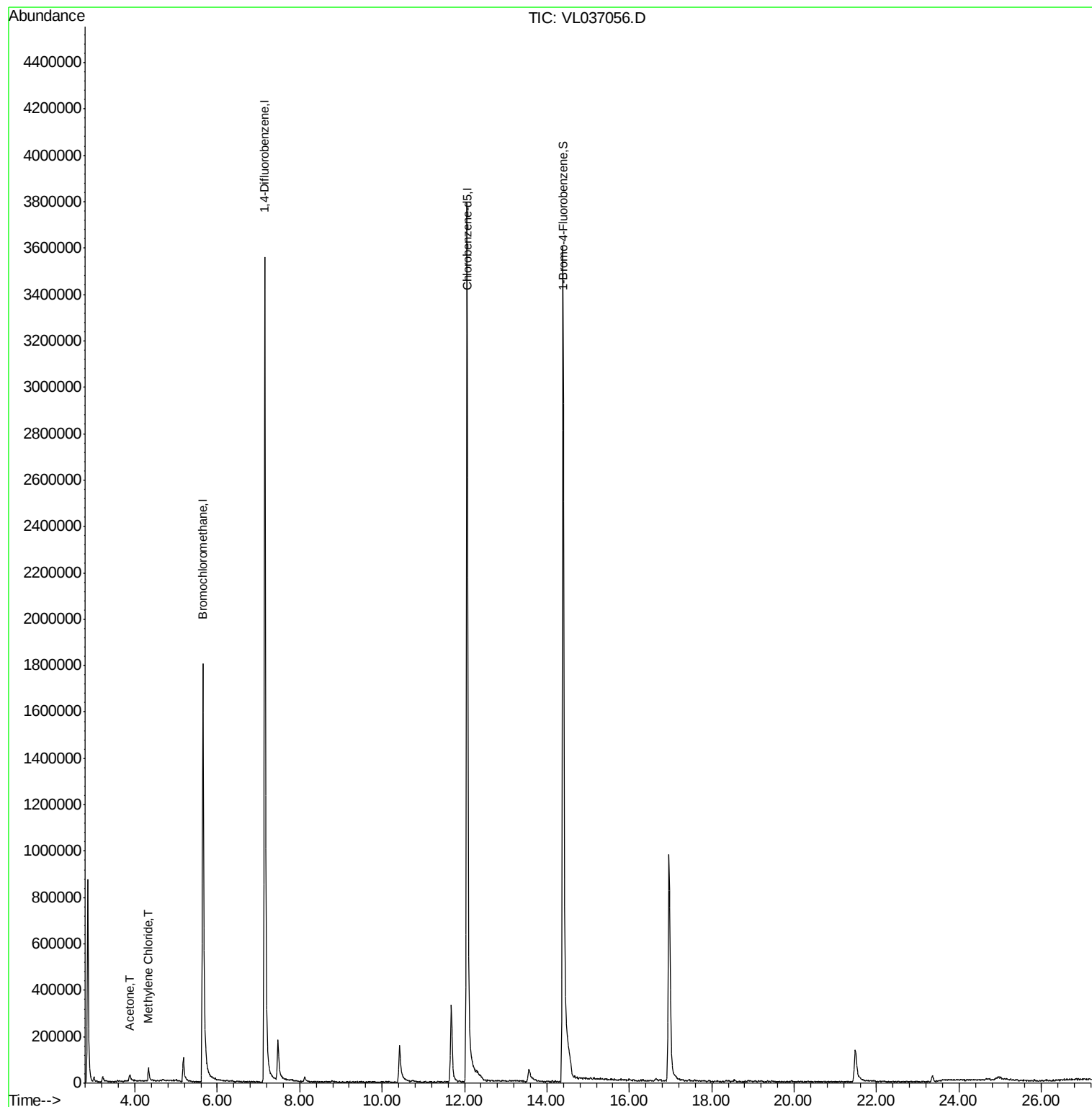
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL052521\
Data File : VL037056.D
Acq On : 25 May 2021 10:50
Operator : SY/AP
Sample : VL0525ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

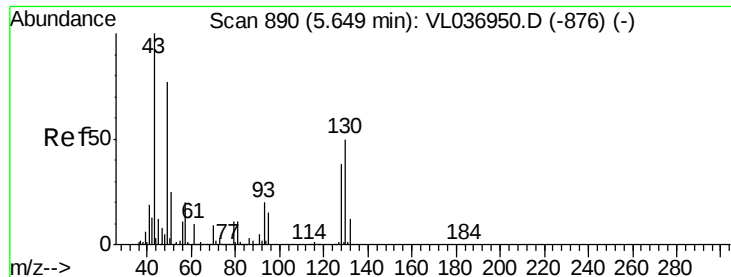
Instrument :
MSVOA_L
ClientSampleId :
VL0525ABL01

Manual Integrations
APPROVED

MMDadoda
5/27/2021 10:31:25 AM

Quant Time: May 26 11:36:11 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037056.D

Acq: 25 May 2021 10:50

Instrument :

MSVOA_L

ClientSampleId :

VL0525ABL01

Tgt Ion: 49 Resp: 1039108

Ion Ratio Lower Upper

49 100

128 63.4 26.9 80.7

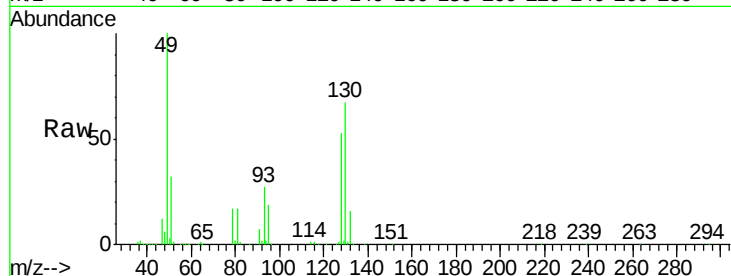
130 79.7 33.8 101.4

Manual Integrations

APPROVED

MMDadoda

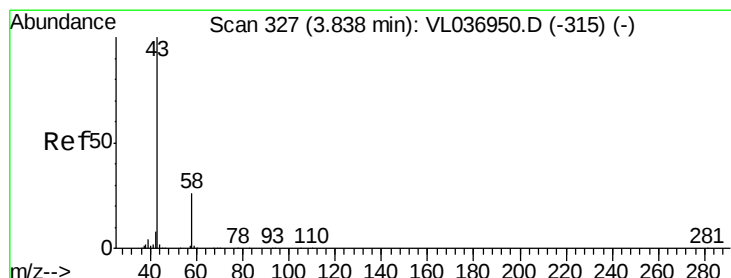
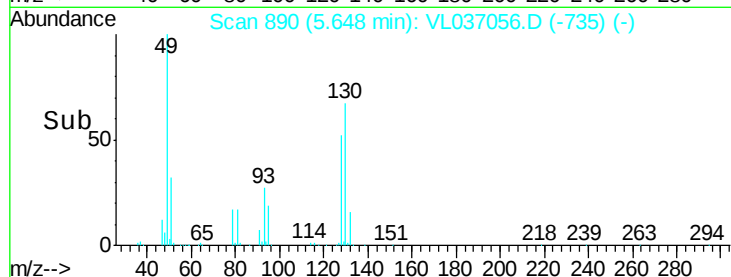
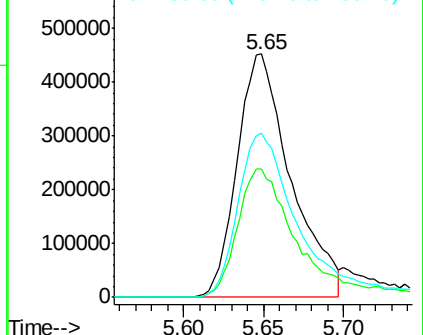
5/27/2021 10:31:25 AM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.284 ppbv m

RT: 3.87 min Scan# 336

Delta R.T. 0.03 min

Lab File: VL037056.D

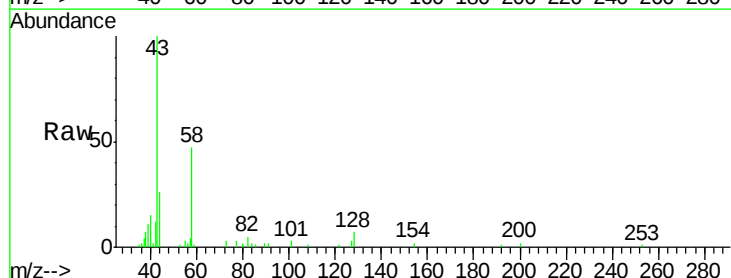
Acq: 25 May 2021 10:50

Tgt Ion: 43 Resp: 30232

Ion Ratio Lower Upper

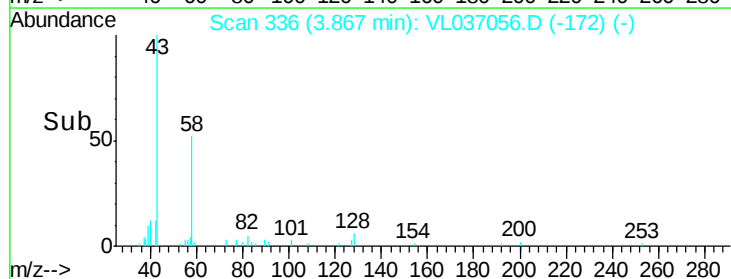
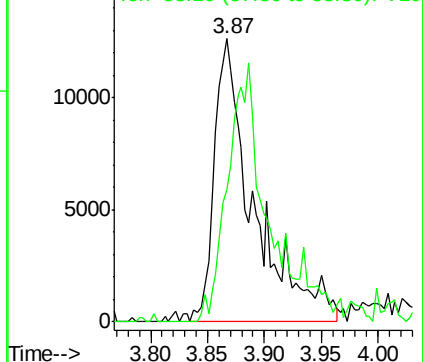
43 100

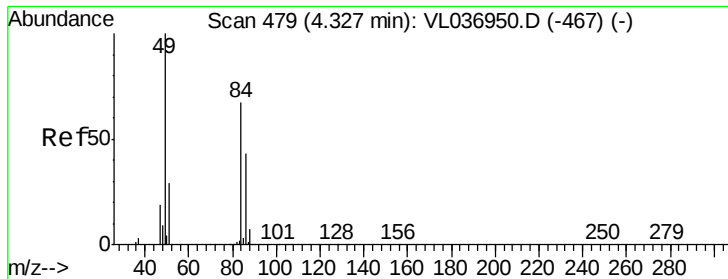
58 0.0 24.0 36.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





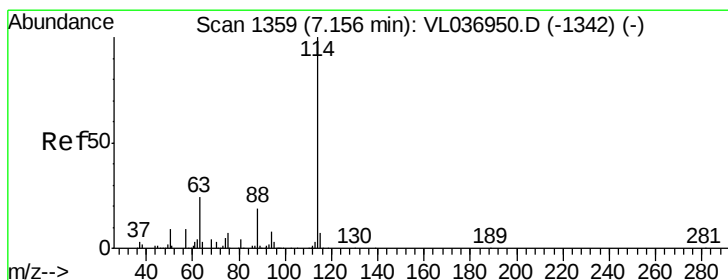
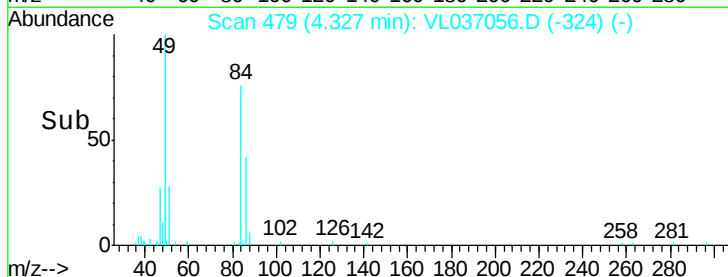
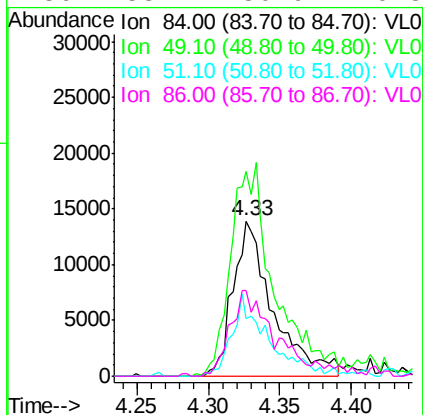
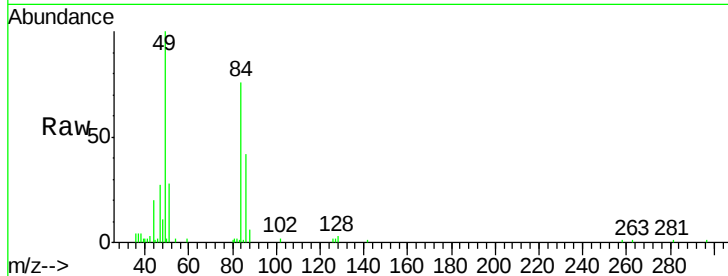
#20
Methylene Chloride
Concen: 0.475 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.00 min
Lab File: VL037056.D
Acq: 25 May 2021 10:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABL01

Tgt Ion	Ion	Ratio	Lower	Upper
84	100			
49	132.0	119.8	179.6	
51	36.8	35.1	52.7	
86	55.2	50.9	76.3	

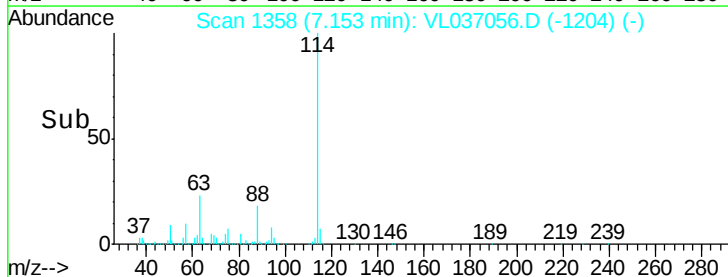
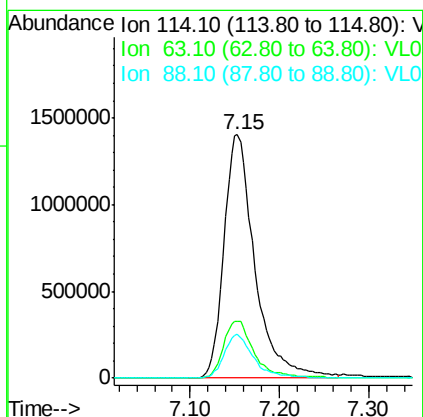
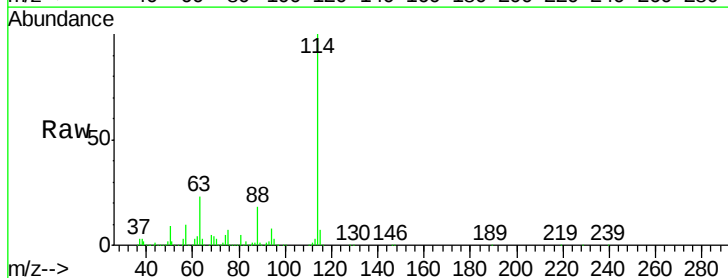
Manual Integrations
APPROVED

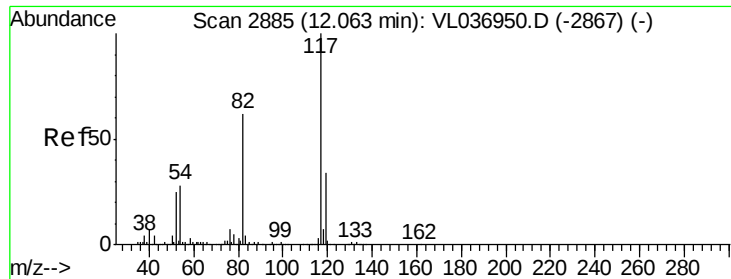
MMDadoda
5/27/2021 10:31:25 AM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VL037056.D
Acq: 25 May 2021 10:50

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	23.9	19.6	29.4	
88	17.6	14.6	21.8	





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VL037056.D

Acq: 25 May 2021 10:50

Instrument :

MSVOA_L

ClientSampleId :

VL0525ABL01

Tgt Ion: 117 Resp: 2889048

Ion Ratio Lower Upper

117 100

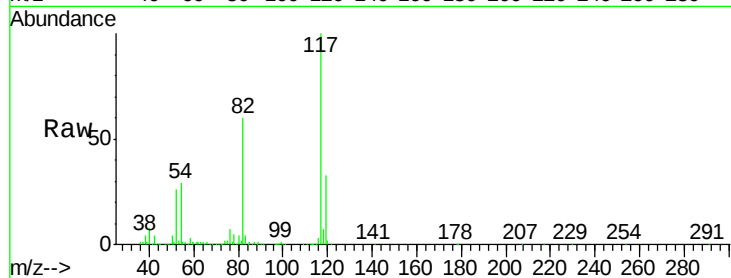
82 65.5 52.6 79.0

119 33.9 46.6 70.0#

Manual Integrations
APPROVED

MMDadoda

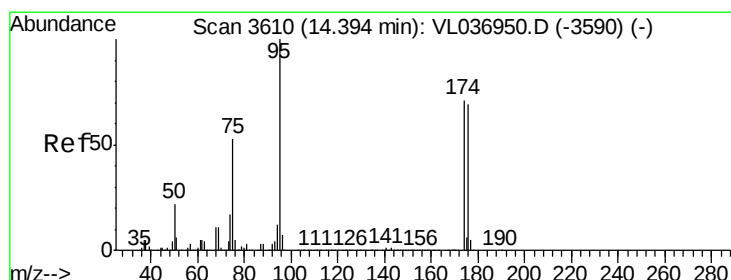
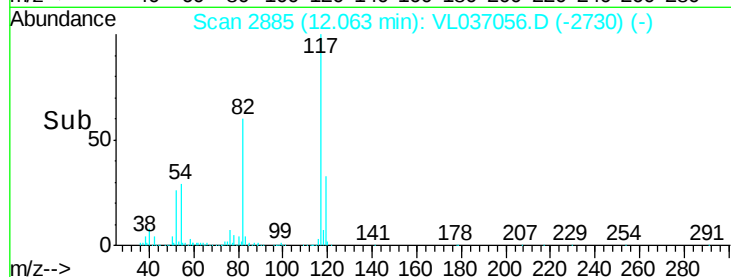
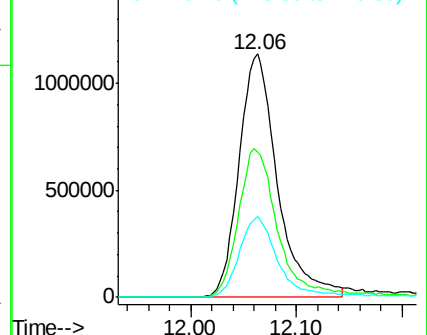
5/27/2021 10:31:25 AM



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: 9.850 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.00 min

Lab File: VL037056.D

Acq: 25 May 2021 10:50

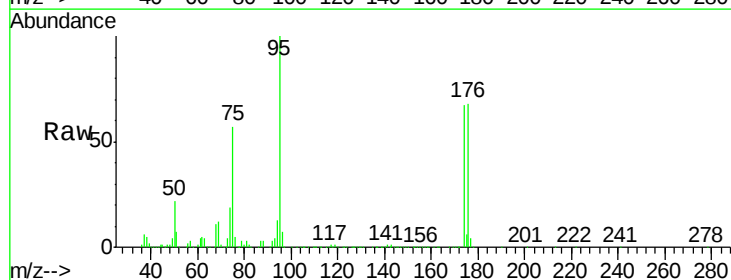
Tgt Ion: 95 Resp: 2137792

Ion Ratio Lower Upper

95 100

174 74.5 58.4 87.6

175 5.0 4.4 6.6



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

