

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038019.D
 Acq On : 11 Nov 2021 8:54
 Operator : SY/AP
 Sample : OC111021 CAN 10060
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 QC111021 CAN 10060

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 05:59:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1228164	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3774740	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3256962	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2301674	9.72	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%
Target Compounds						
38) Trichloroethene	7.81	130	23784m	0.186	ppbv	Ovalue
52) Tetrachloroethene	11.19	164	110634	0.949	ppbv	86

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

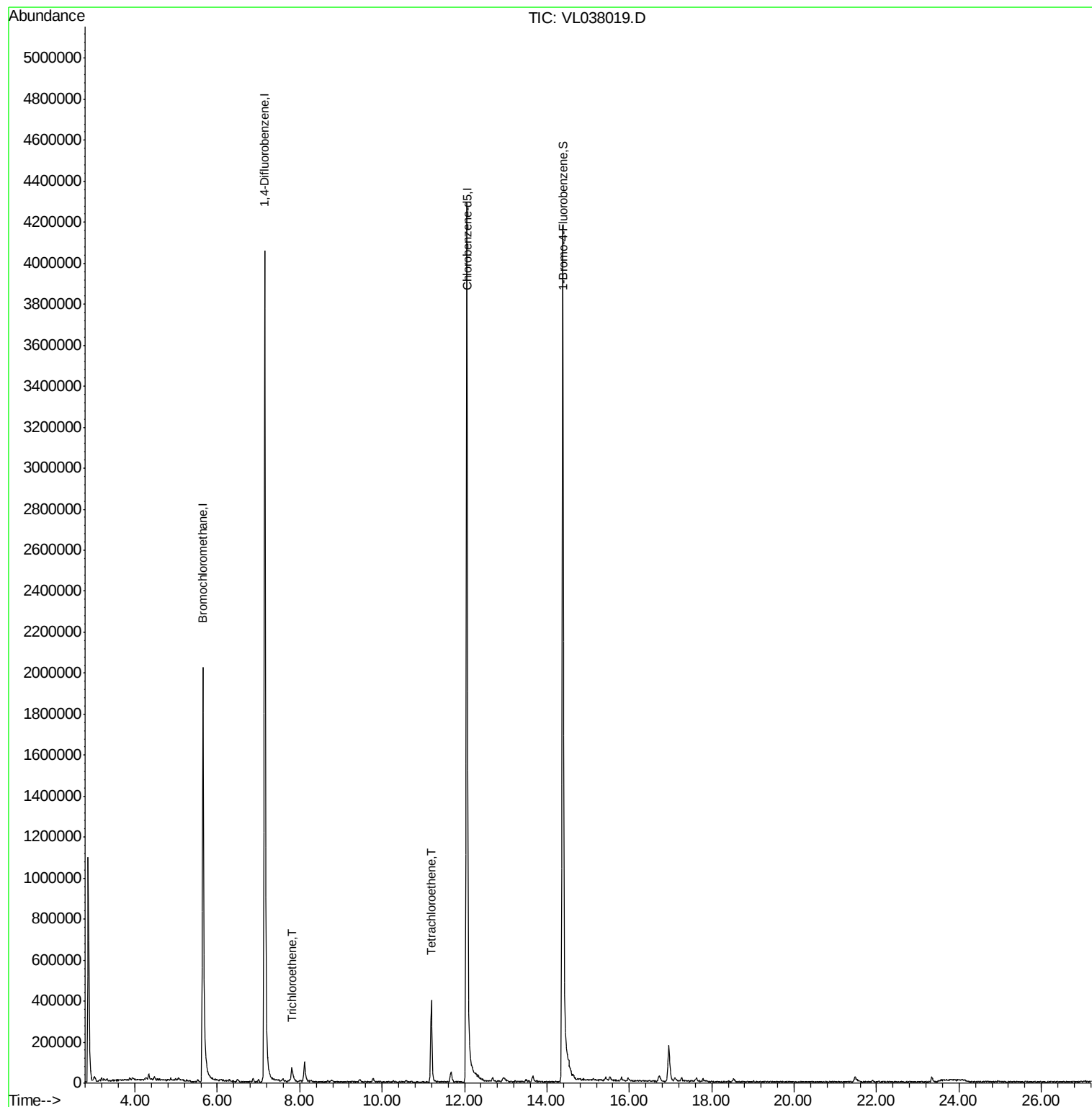
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
Data File : VL038019.D
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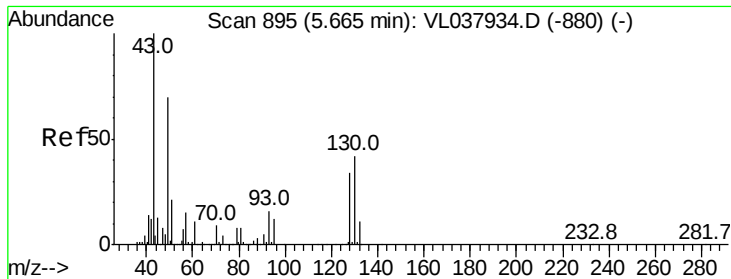
Instrument :
MSVOA_L
ClientSampleId :
QC111021 CAN 10060

Quant Time: Nov 12 05:59:18 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 11 Nov 2021 8:54

Tot Ion:

Ion Ratio

49 100

128 53.

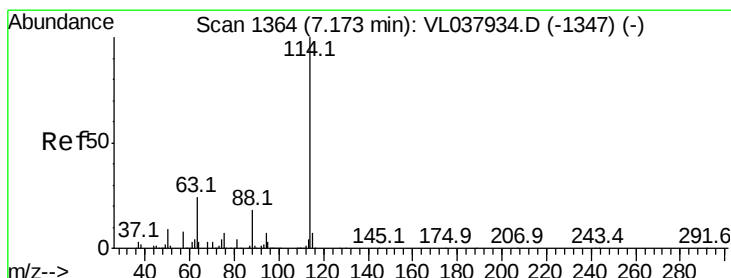
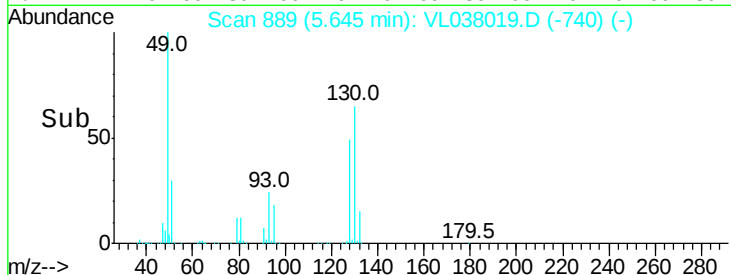
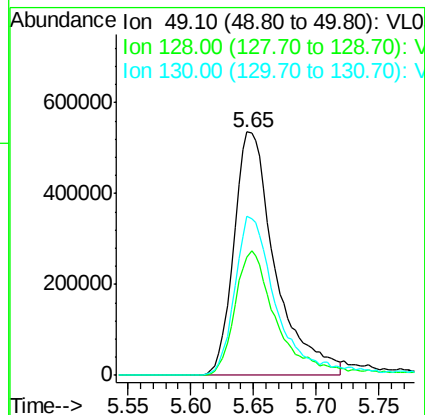
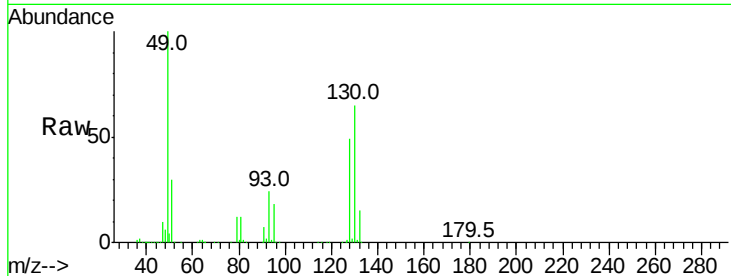
130 69.

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.02 min

Lab File: VL038019.D

Acq: 11 Nov 2021 8:54

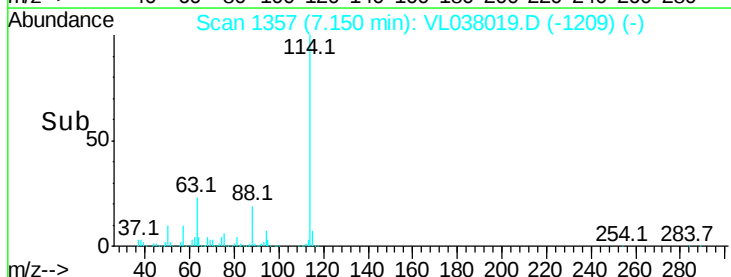
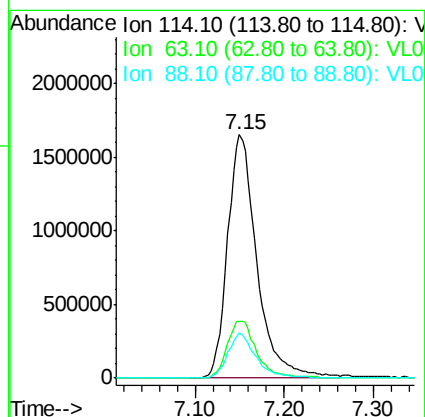
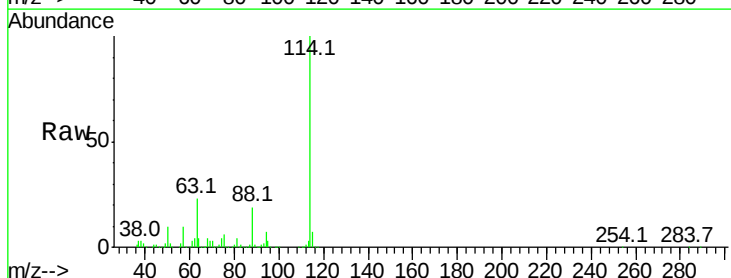
Tgt Ion:114 Resp: 3774740

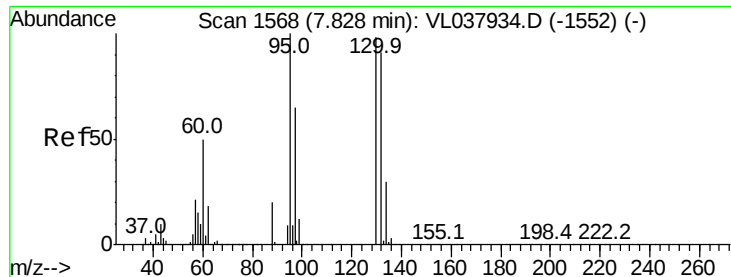
Ion Ratio Lower Upper

114 100

63 23.6 19.4 29.0

88 17.7 14.2 21.4





#38

Trichloroethene

Concen: 0.186 ppbv m

RT: 7.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

OC111021 CAN 10060

Acq: 11 Nov 2021 8:54

Tot Ion:1

Ion Ratio

130 100

95 113.

132 110.

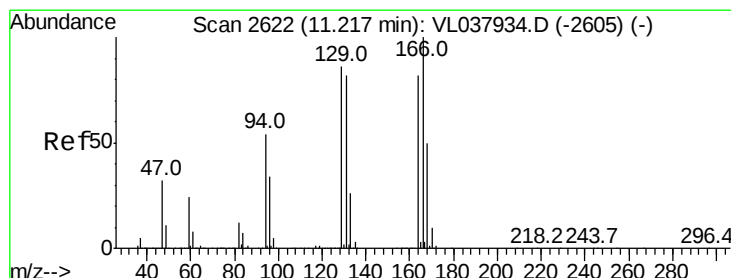
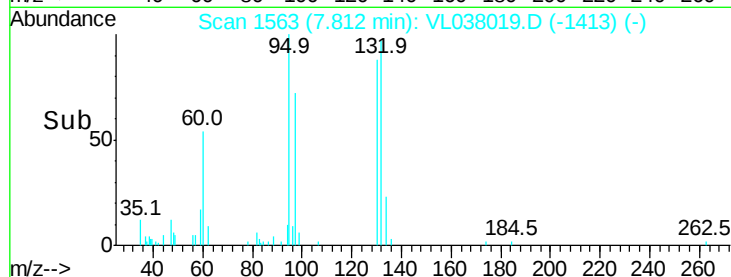
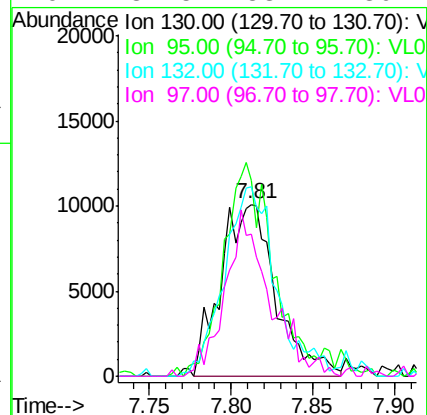
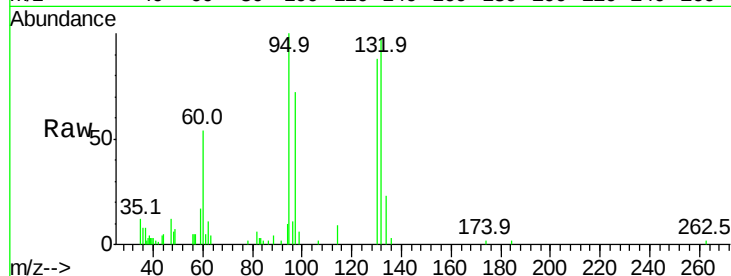
97 82.5 53.4 80.2#

Manual Integrations

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Supervised By :Mahesh Dadoda 11/17/2021



#52

Tetrachloroethene

Concen: 0.949 ppbv

RT: 11.19 min Scan# 2615

Delta R.T. -0.02 min

Lab File: VL038019.D

Acq: 11 Nov 2021 8:54

Tgt Ion:164 Resp: 110634

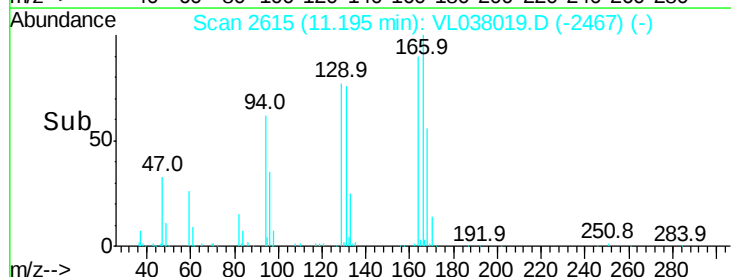
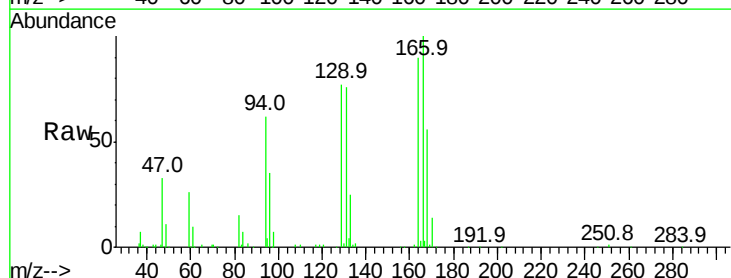
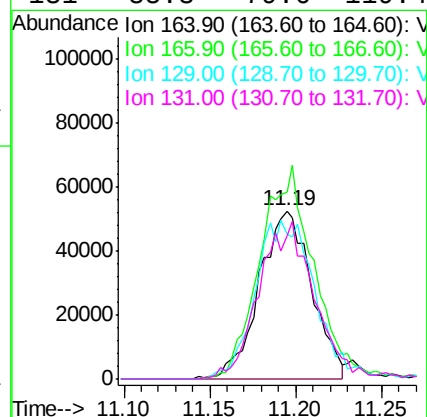
Ion Ratio Lower Upper

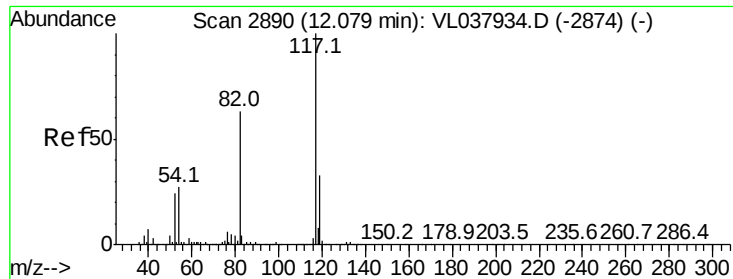
164 100

166 111.5 97.6 146.4

129 86.1 84.2 126.2

131 85.3 79.6 119.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Nov 2021 8:54

Tot Ion:1

Ion Rati

117 100

82 64.

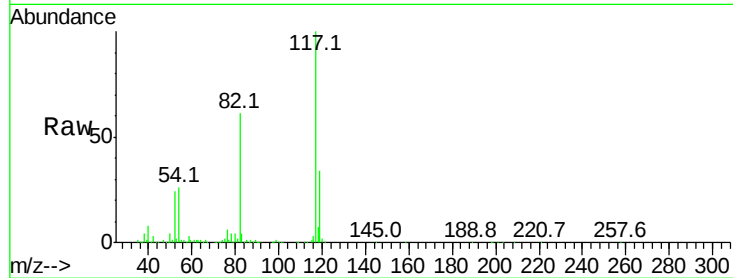
119 34.

Manual Integrations

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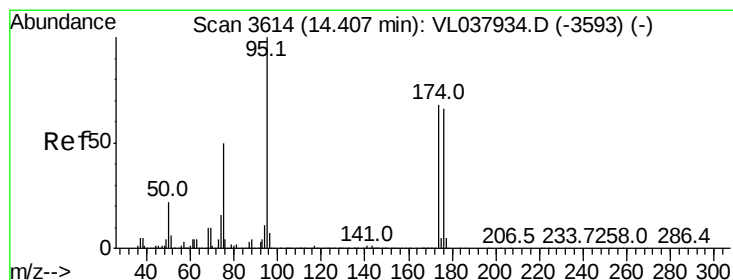
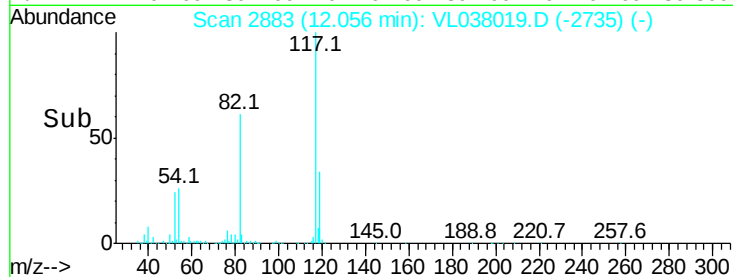
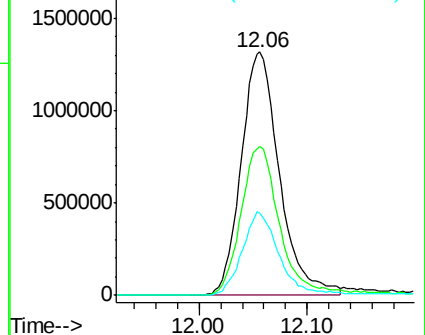
Supervised By :Mahesh Dadoda 11/17/2021



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: 9.722 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.02 min

Lab File: VL038019.D

Acq: 11 Nov 2021 8:54

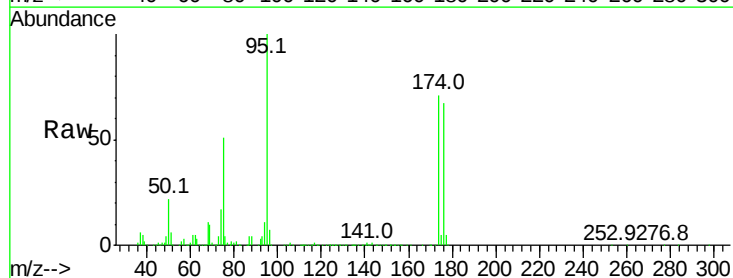
Tgt Ion: 95 Resp: 2301674

Ion Ratio Lower Upper

95 100

174 75.4 58.3 87.5

175 5.6 4.6 6.8



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

