

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036721.D
 Acq On : 7 Apr 2021 8:57
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:12:10 AM

Quant Time: Apr 08 01:42:50 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 09:42:40 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	5.66	49	1188615	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2888495	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2518372	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1977377	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	31806m	0.272	ppbv	
20) Methylene Chloride	4.36	84	9760m	0.178	ppbv	

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

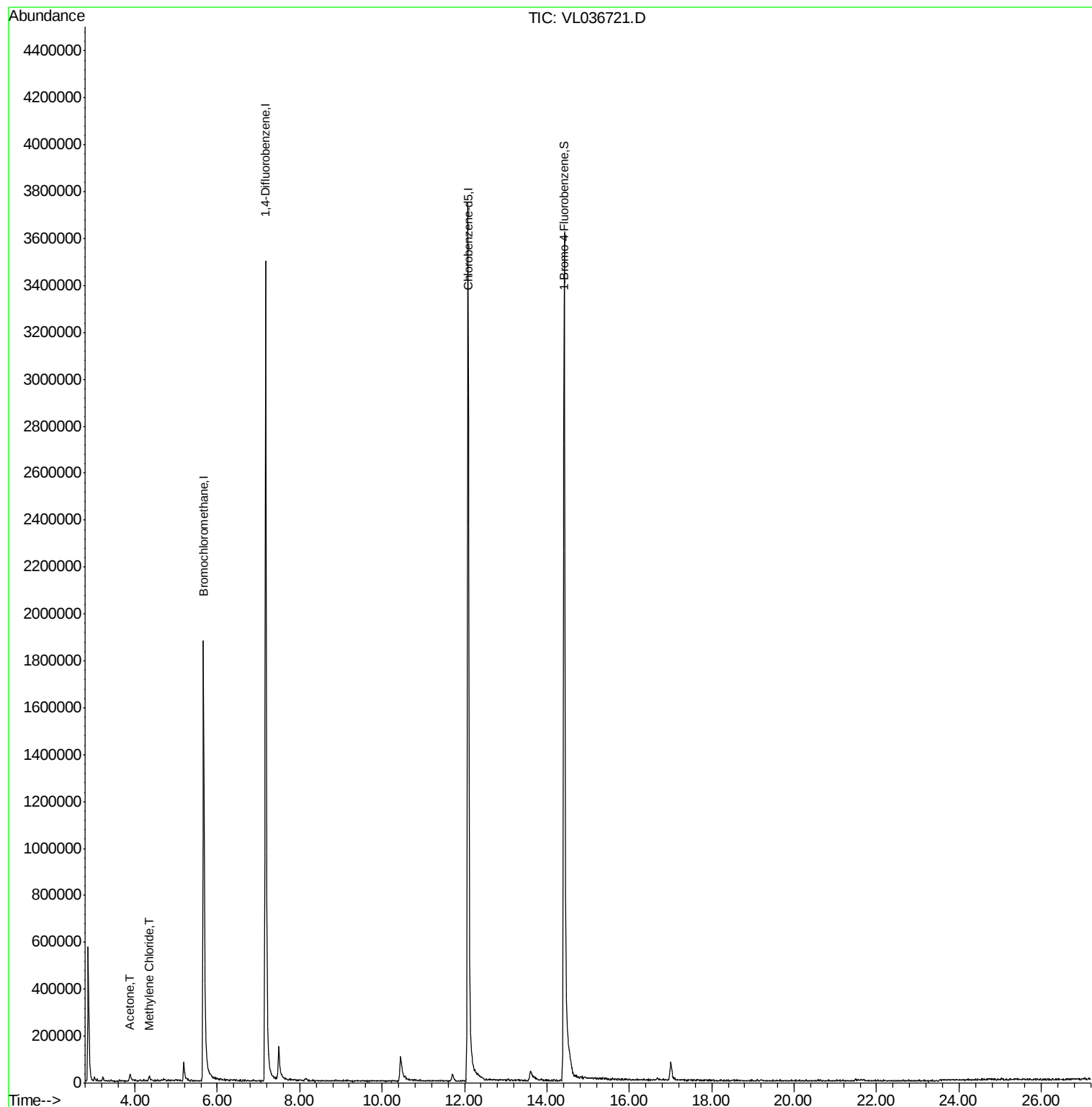
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040621\
Data File : VL036721.D
Acq On : 7 Apr 2021 8:57
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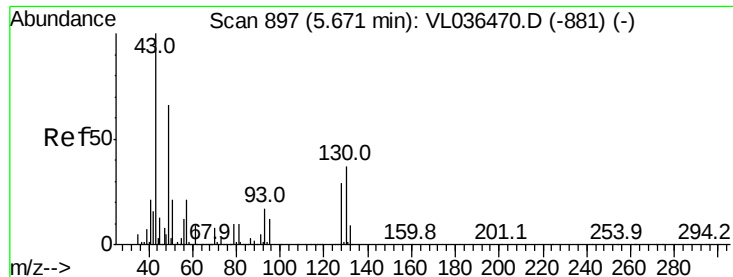
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Apr 08 01:42:50 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: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL036721.D

Acq: 7 Apr 2021 8:57

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1188615

Ion Ratio Lower Upper

49 100

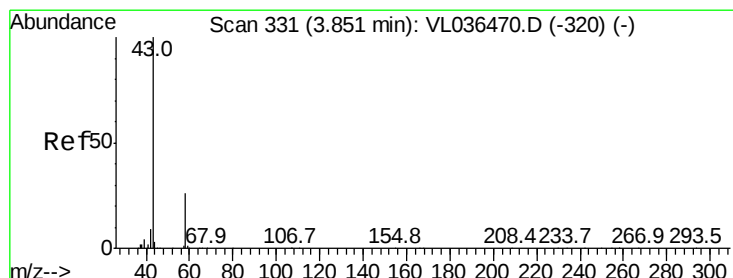
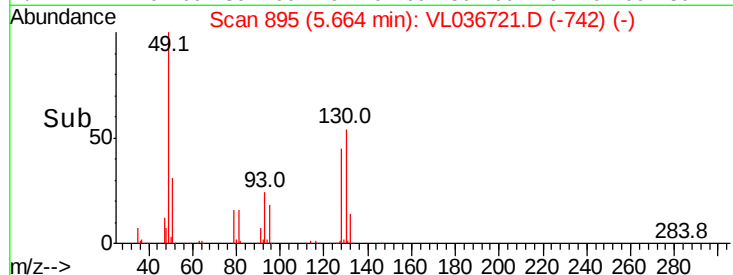
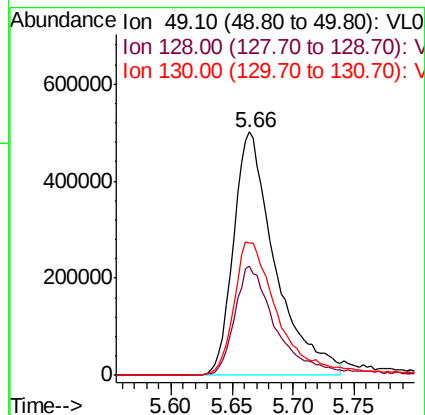
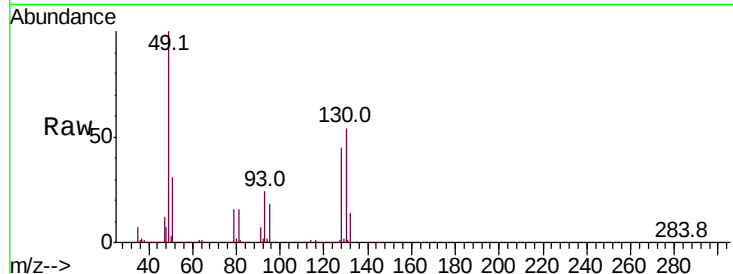
128 46.6 23.5 70.6

130 60.8 29.1 87.4

Manual Integrations
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#15

Acetone

Concen: 0.272 ppbv m

RT: 3.88 min Scan# 340

Delta R.T. 0.03 min

Lab File: VL036721.D

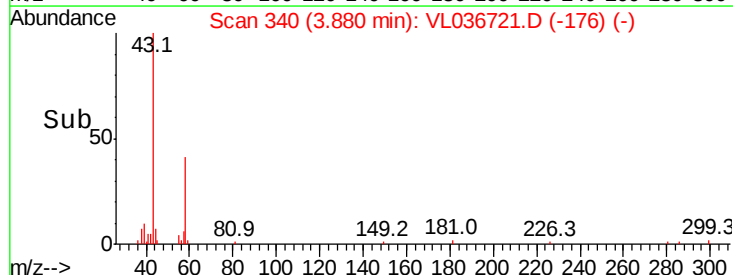
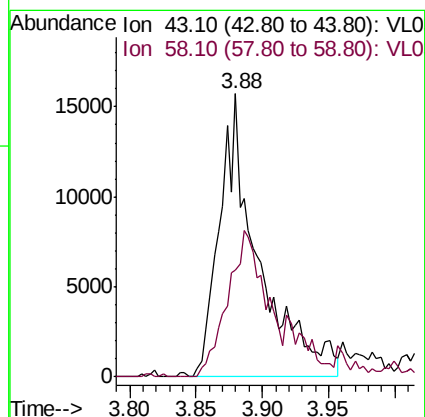
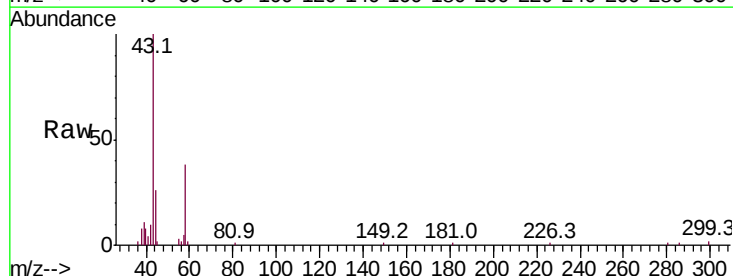
Acq: 7 Apr 2021 8:57

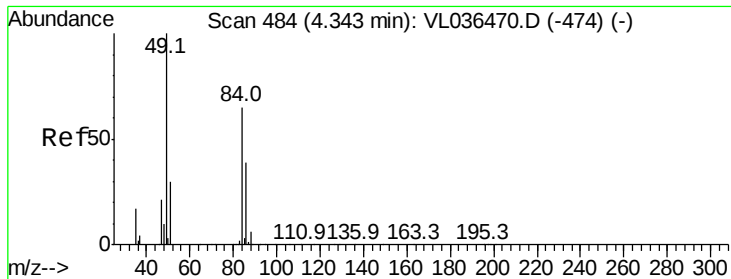
Tgt Ion: 43 Resp: 31806

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#





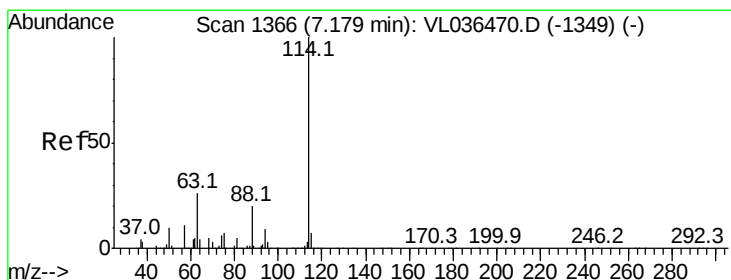
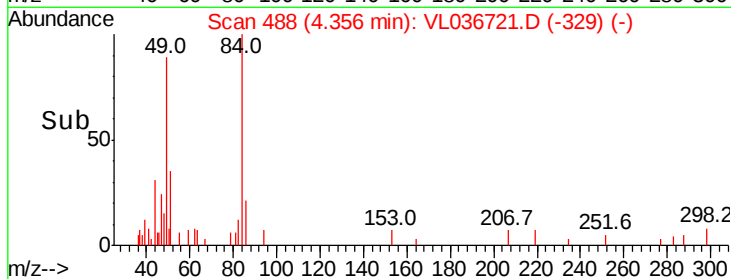
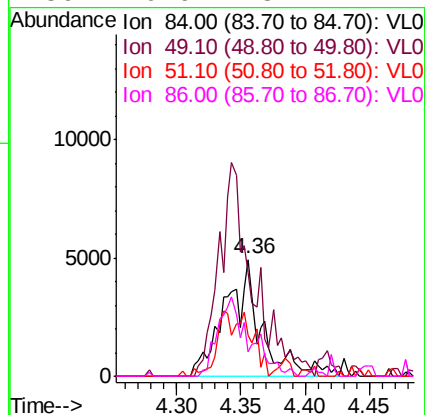
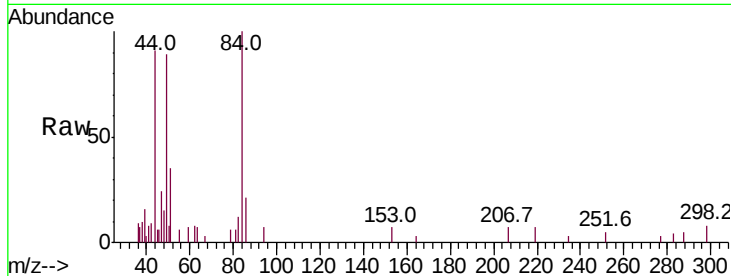
#20
Methylene Chloride
Concen: 0.178 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL036721.D
Acq: 7 Apr 2021 8:57

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	84	Resp:	9760
Ion	Ratio	Lower	Upper
84	100		
49	89.0	122.9	184.3#
51	35.0	36.9	55.3#
86	20.6	48.2	72.4#

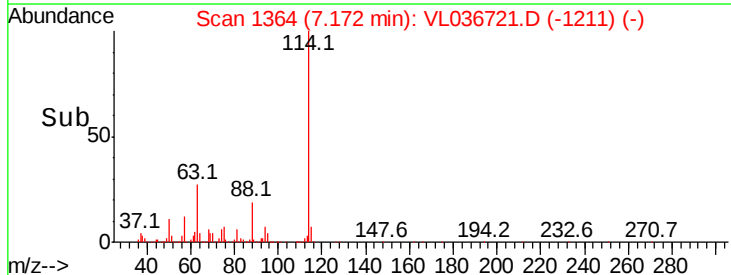
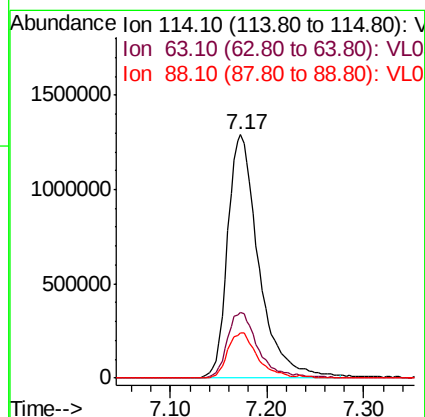
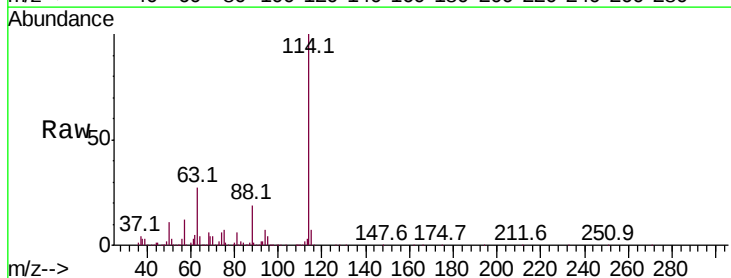
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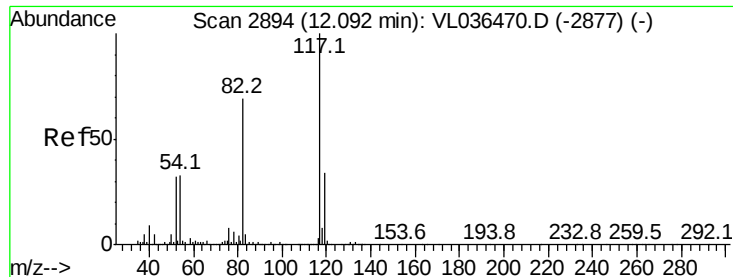
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL036721.D
Acq: 7 Apr 2021 8:57

Tgt Ion	114	Resp:	2888495
Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.4	33.6
88	18.7	15.4	23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL036721.D

Acq: 7 Apr 2021 8:57

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion:117 Resp: 2518372

Ion Ratio Lower Upper

117 100

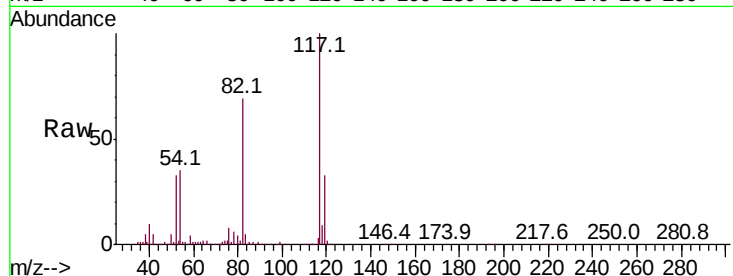
82 69.7 57.4 86.0

119 33.8 47.4 71.0#

Manual Integrations
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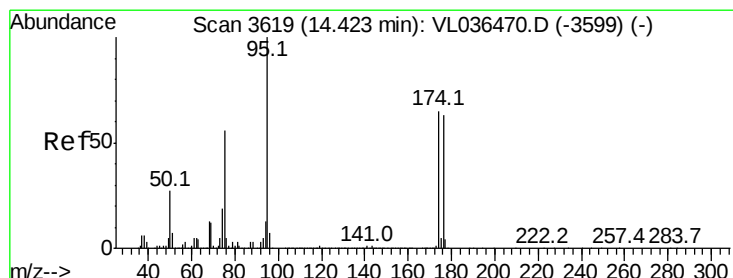
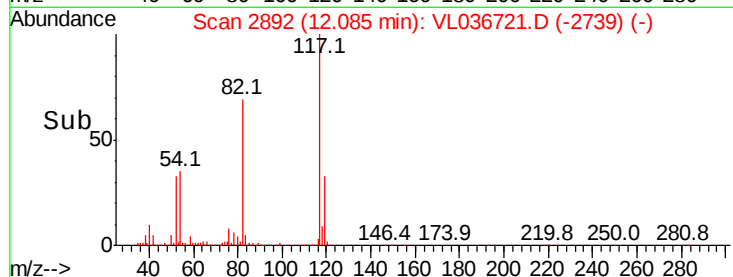
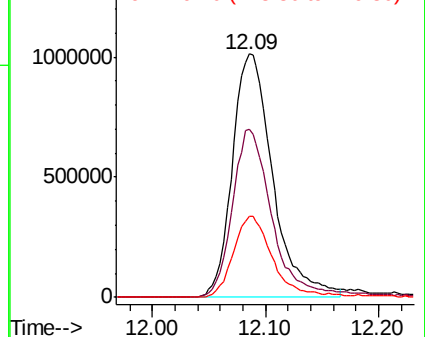
4/12/2021 11:12:10 AM



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: 9.852 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL036721.D

Acq: 7 Apr 2021 8:57

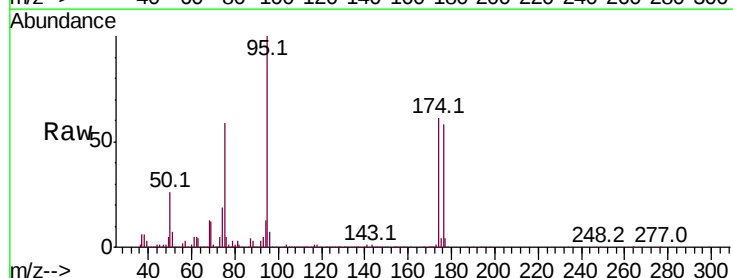
Tgt Ion: 95 Resp: 1977377

Ion Ratio Lower Upper

95 100

174 65.8 51.0 76.6

175 4.6 3.9 5.9



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

