

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040721\
 Data File : VL036743.D
 Acq On : 8 Apr 2021 7:52
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:16:39 AM

Quant Time: Apr 09 08:28:19 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 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	5.65	49	1258829	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2992648	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	2603192	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2024827	9.76	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%
Target Compounds						
15) Acetone	3.86	43	110607	0.893	ppbv	Ovalue # 77
20) Methylene Chloride	4.35	84	12754m	0.220	ppbv	

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

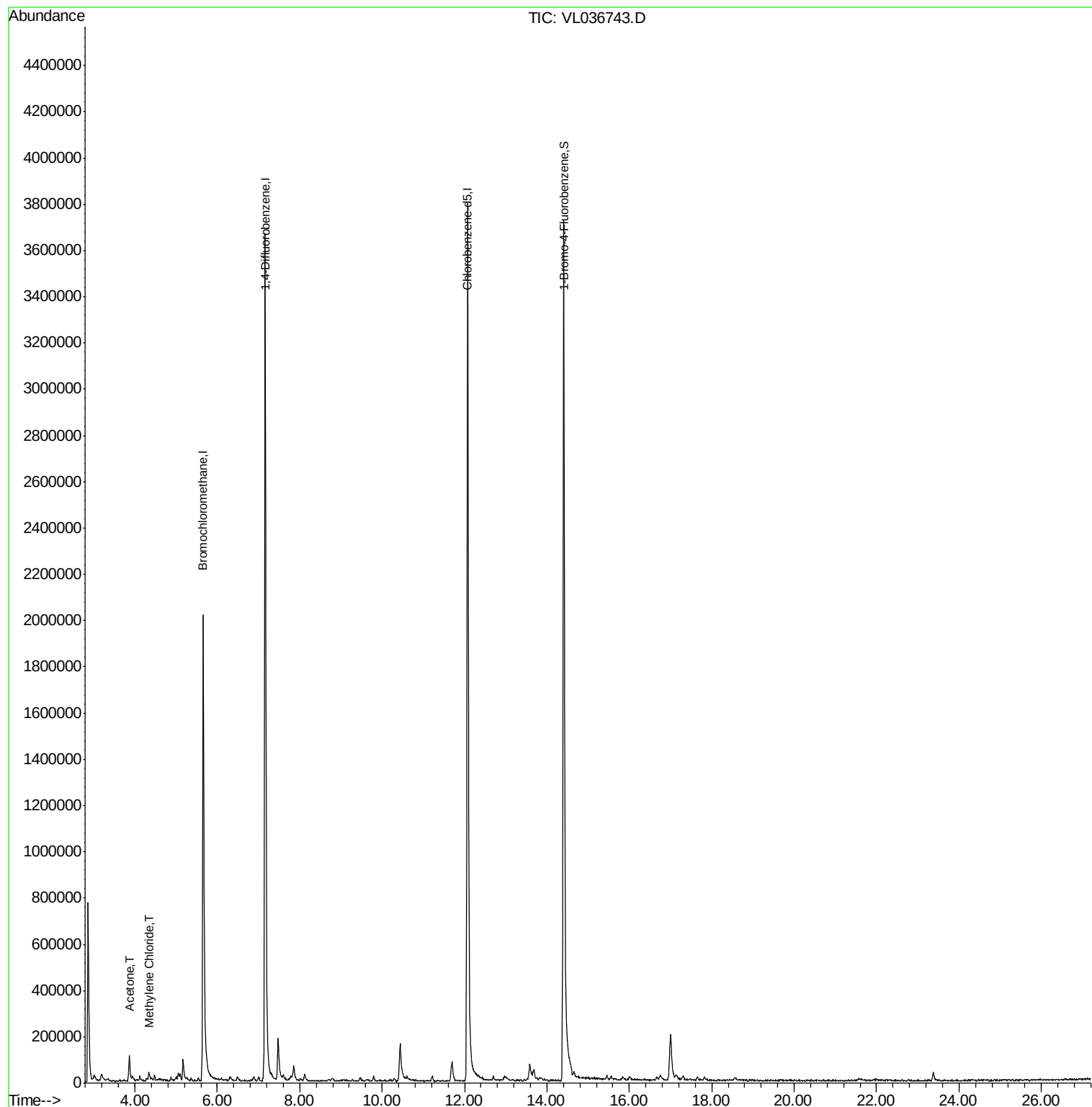
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040721\
Data File : VL036743.D
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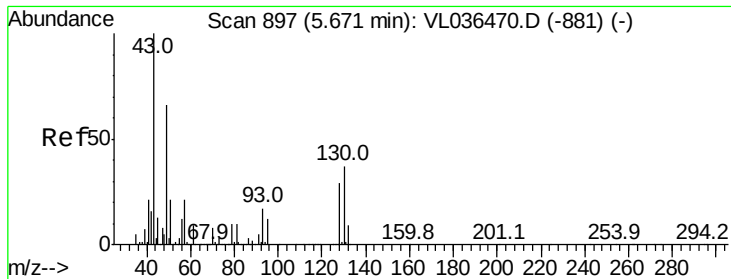
Instrument :
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Quant Time: Apr 09 08:28:19 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

Lab File: VL036743.D

Acq: 8 Apr 2021 7:52

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1258829

Ion Ratio Lower Upper

49 100

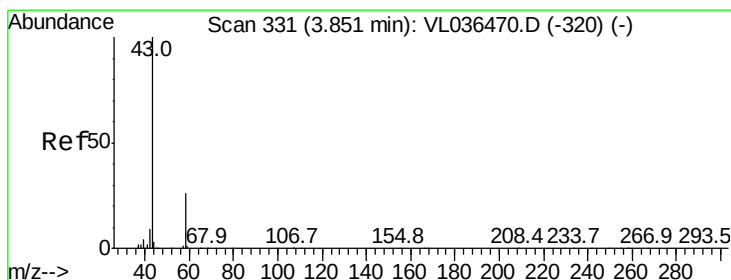
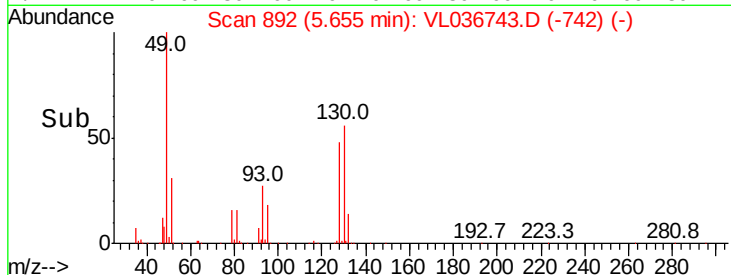
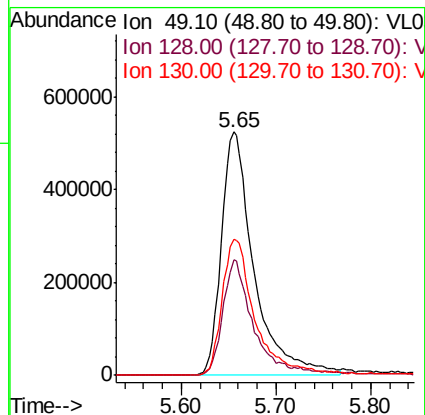
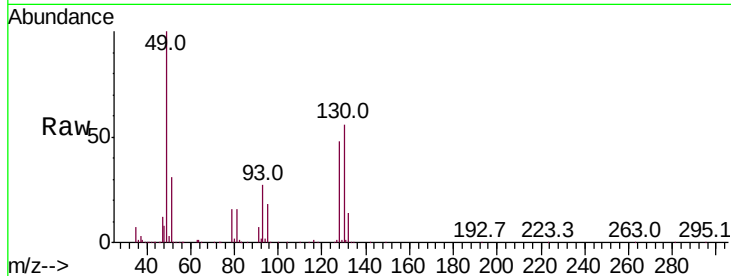
128 46.9 23.5 70.6

130 58.5 29.1 87.4

Manual Integrations
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#15

Acetone

Concen: 0.893 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL036743.D

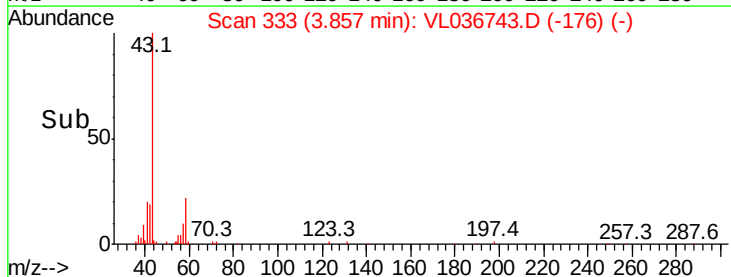
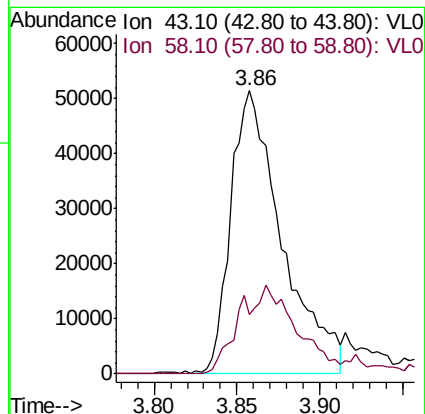
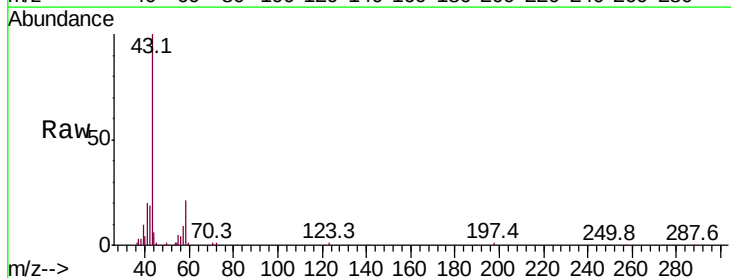
Acq: 8 Apr 2021 7:52

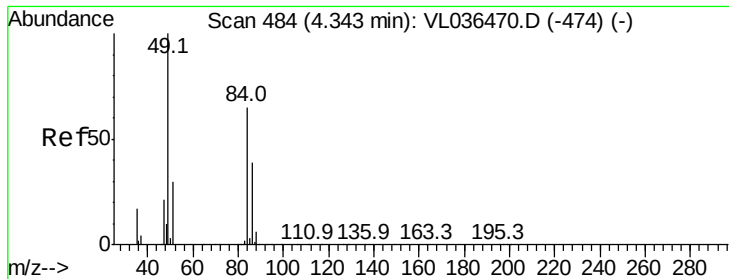
Tgt Ion: 43 Resp: 110607

Ion Ratio Lower Upper

43 100

58 38.5 21.2 31.8#





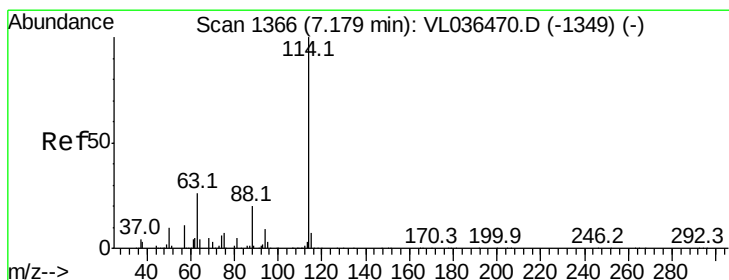
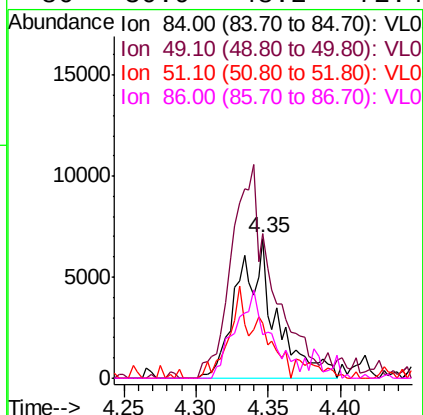
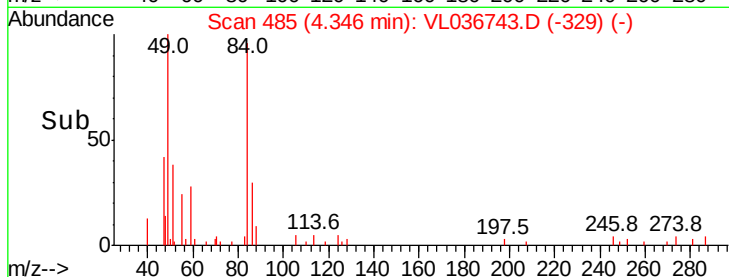
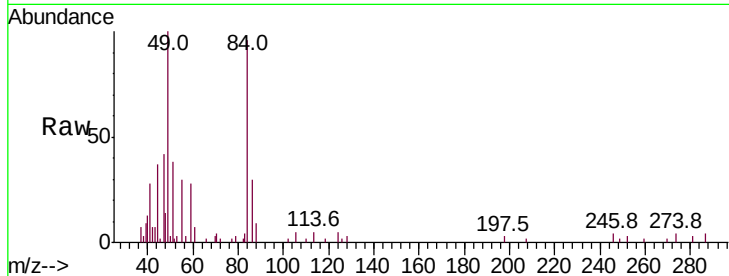
#20
Methylene Chloride
Concen: 0.220 ppbv m
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL036743.D
Acq: 8 Apr 2021 7:52

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	84	Resp	12754
Ion Ratio	Lower	Upper	
84	100		
49	103.7	122.9	184.3#
51	39.0	36.9	55.3
86	30.9	48.2	72.4#

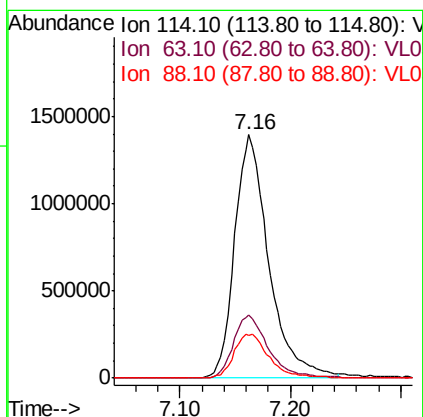
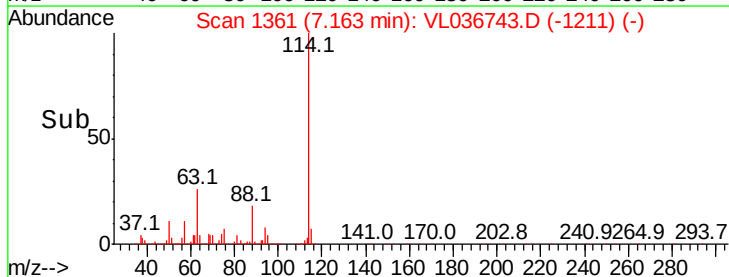
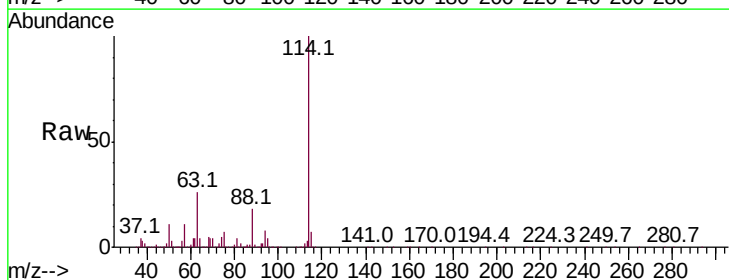
Manual Integrations
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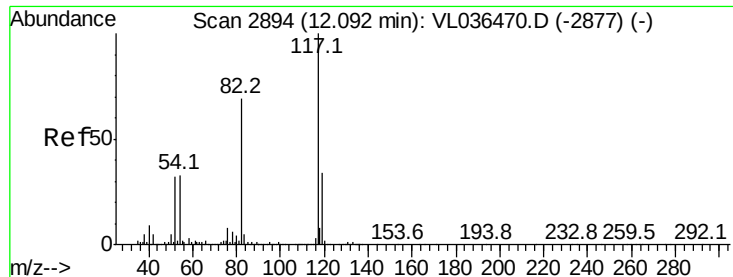
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL036743.D
Acq: 8 Apr 2021 7:52

Tgt Ion	114	Resp	2992648
Ion Ratio	Lower	Upper	
114	100		
63	26.8	22.4	33.6
88	18.9	15.4	23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. -0.02 min

Lab File: VL036743.D

Acq: 8 Apr 2021 7:52

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion:117 Resp: 2603192

Ion Ratio Lower Upper

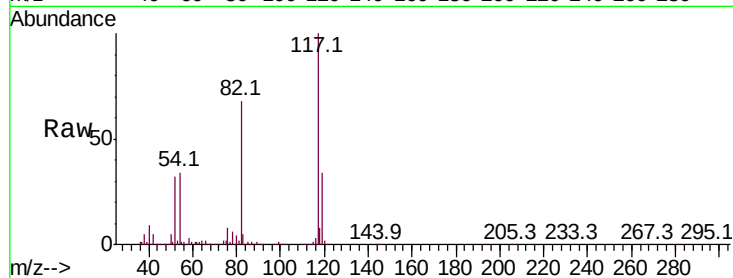
117 100

82 68.5 57.4 86.0

119 33.4 47.4 71.0#

Manual Integrations
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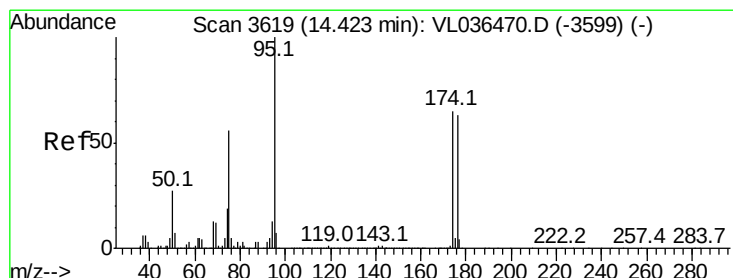
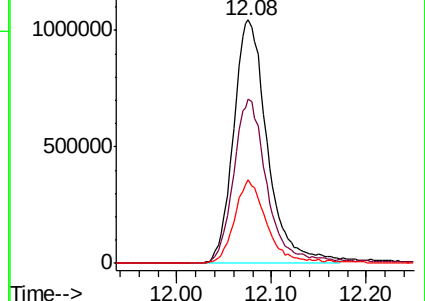
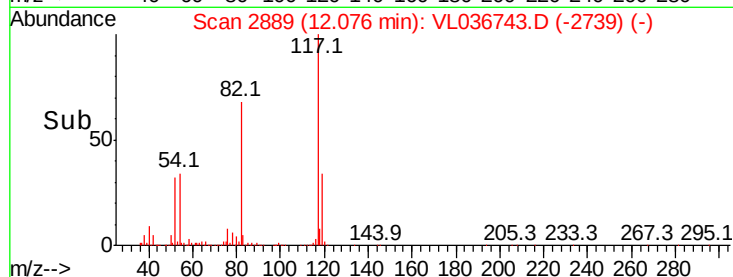
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.759 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.02 min

Lab File: VL036743.D

Acq: 8 Apr 2021 7:52

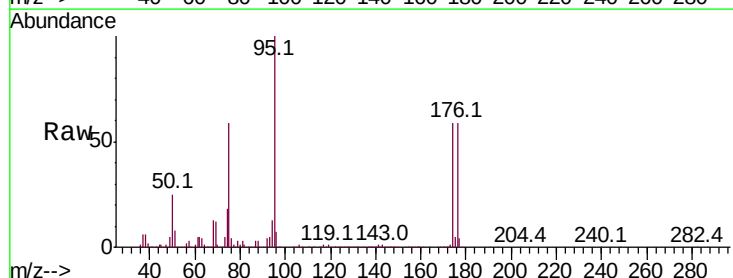
Tgt Ion: 95 Resp: 2024827

Ion Ratio Lower Upper

95 100

174 65.3 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

