

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036098.D
 Acq On : 8 Dec 2020 16:35
 Operator : SY/AP
 Sample : VL1208ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1208ABL01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:23:05 PM

Quant Time: Dec 09 07:31:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1277618	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2651697	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2380593	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2000253	10.58	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	33918m	0.221	ppbv	
20) Methylene Chloride	4.36	84	10457m	0.166	ppbv	

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

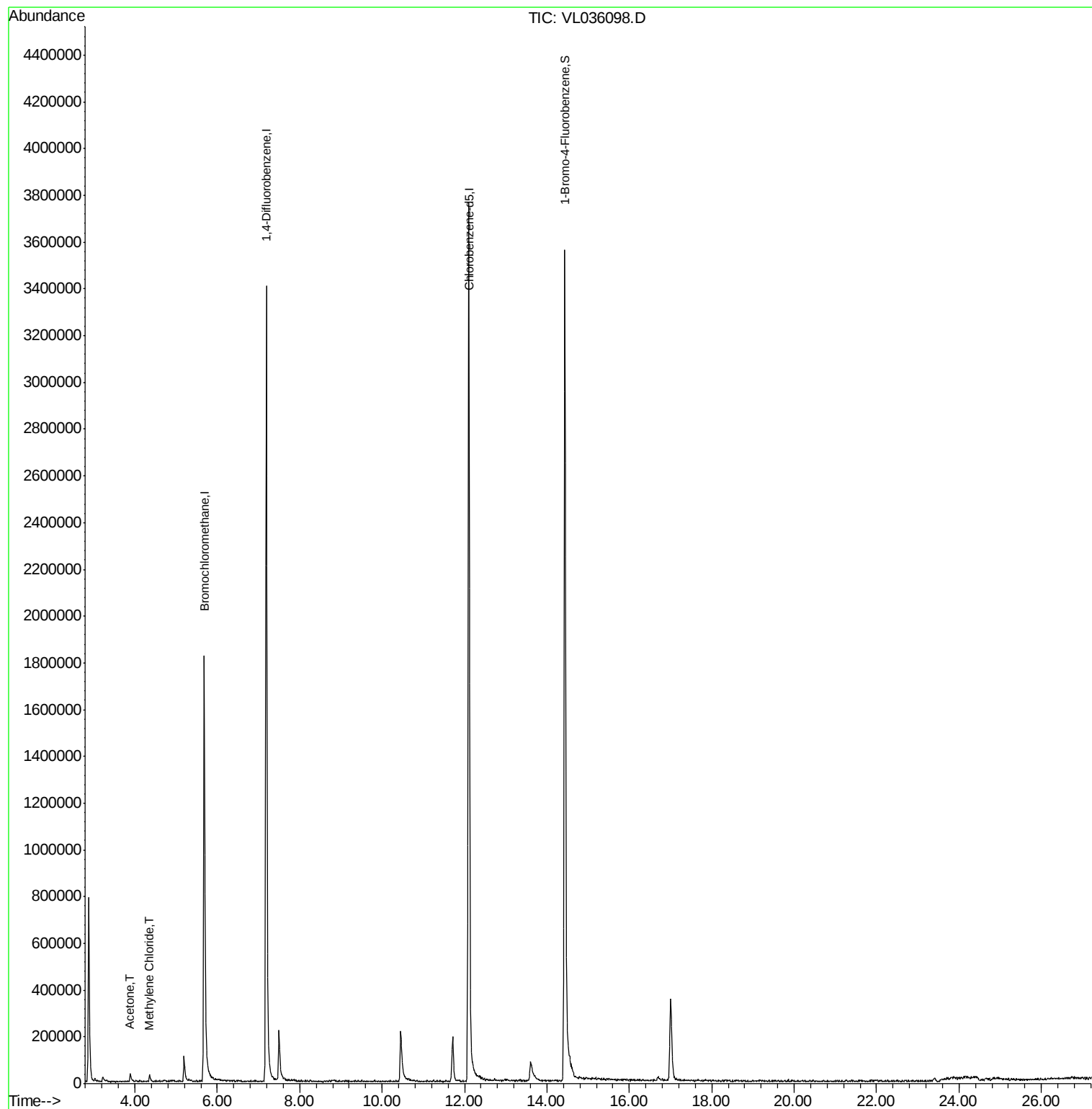
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120820\
Data File : VL036098.D
Acq On : 8 Dec 2020 16:35
Operator : SY/AP
Sample : VL1208ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

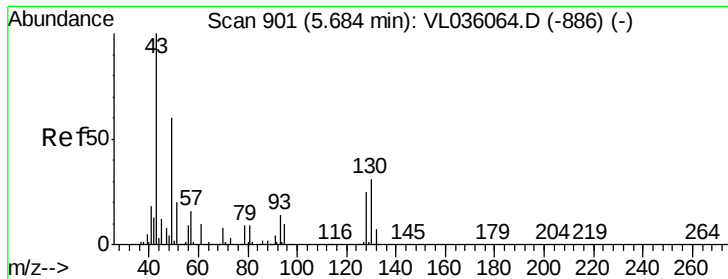
Instrument :
MSVOA_L
ClientSampleId :
VL1208ABL01

Manual Integrations
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12/11/2020 12:23:05 PM

Quant Time: Dec 09 07:31:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL036098.D

Acq: 8 Dec 2020 16:35

Instrument :

MSVOA_L

ClientSampleId :

VL1208ABL01

Tot Ion: 49 Resp: 1277618

Ion Ratio Lower Upper

49 100

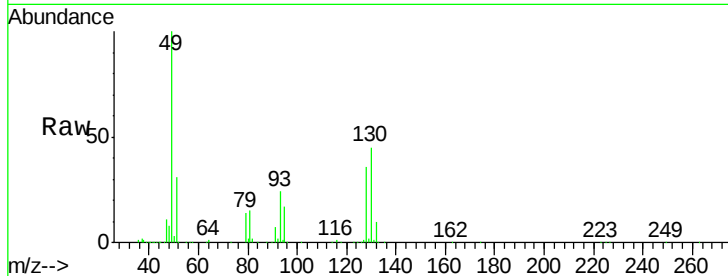
128 37.5 21.1 63.1

130 47.3 27.1 81.3

Manual Integrations
APPROVED

MMDadoda

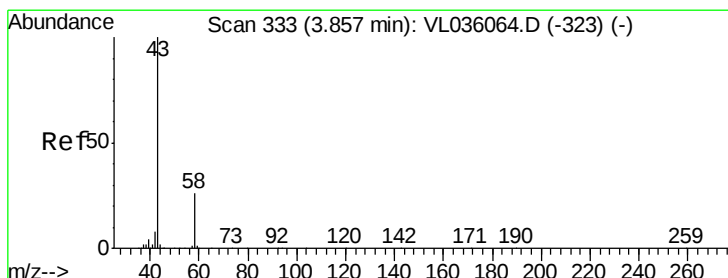
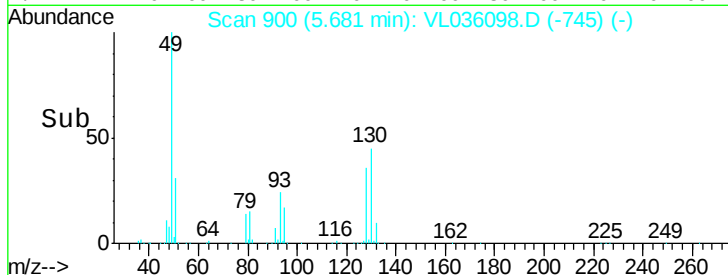
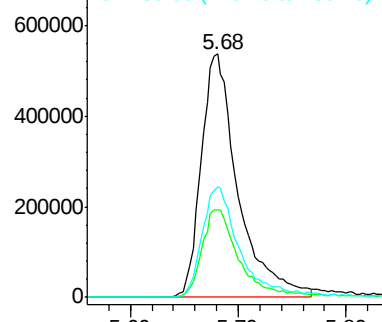
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.221 ppbv m

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL036098.D

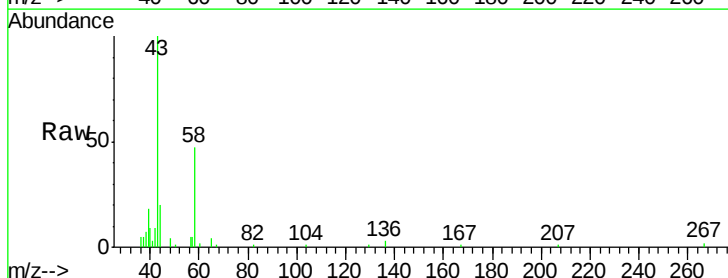
Acq: 8 Dec 2020 16:35

Tgt Ion: 43 Resp: 33918

Ion Ratio Lower Upper

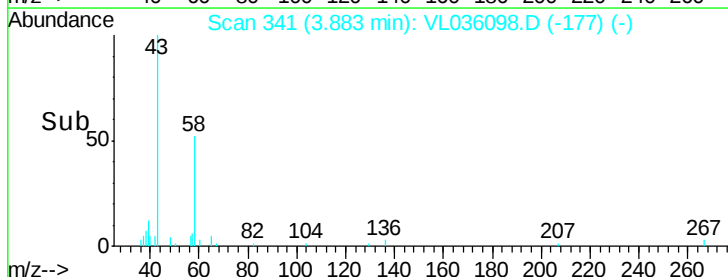
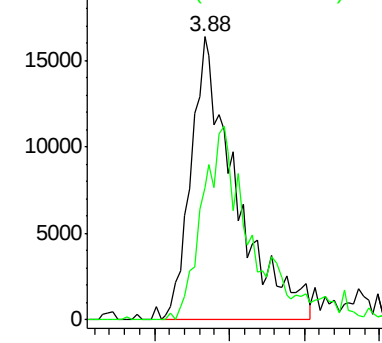
43 100

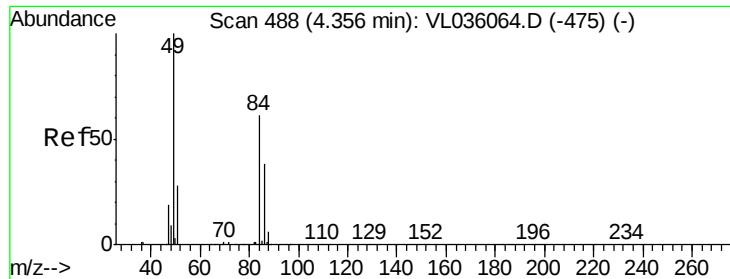
58 0.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





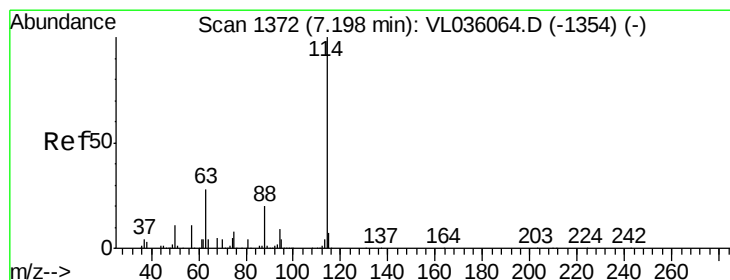
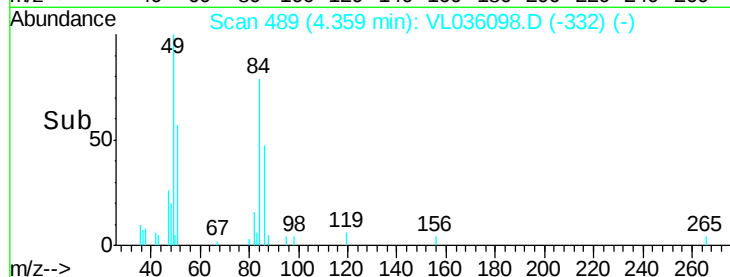
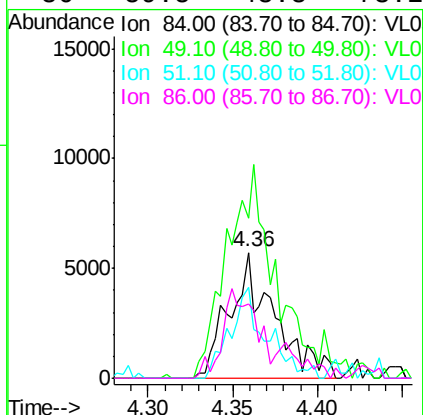
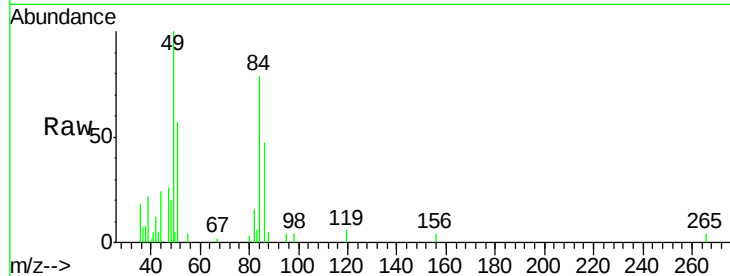
#20
Methvlene Chloride
Concen: 0.166 ppbv m
RT: 4.36 min Scan# 489
Delta R.T. 0.00 min
Lab File: VL036098.D
Acq: 8 Dec 2020 16:35

Instrument :
MSVOA_L
ClientSampleId :
VL1208ABL01

Tot Ion	Ratio	Lower	Upper
84	100		
49	127.1	133.0	199.4#
51	72.8	38.9	58.3#
86	59.5	48.8	73.2

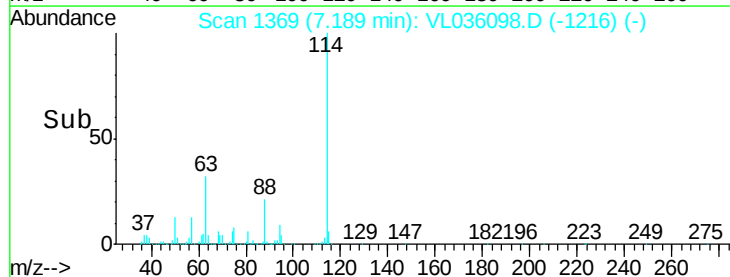
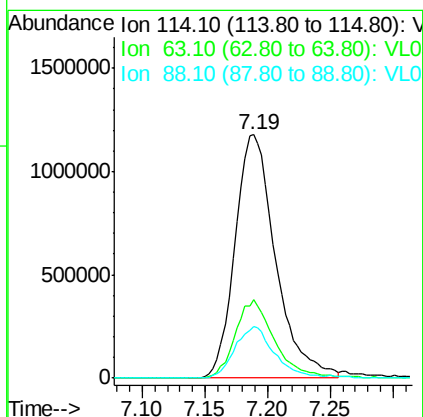
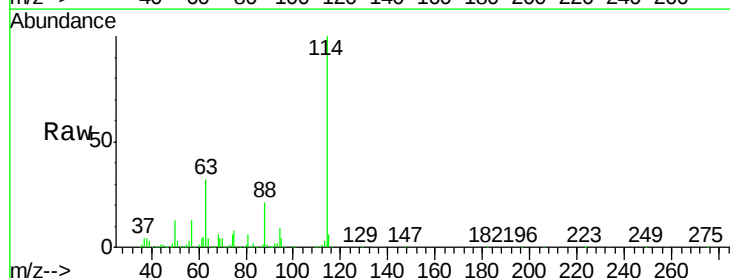
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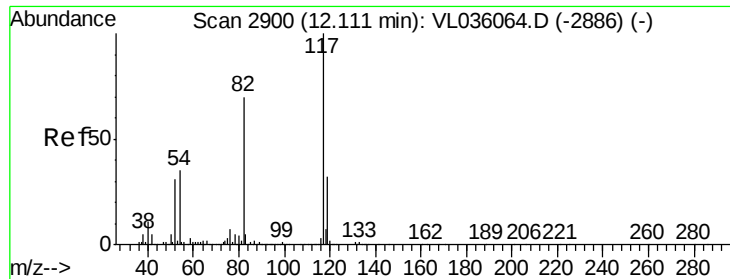
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VL036098.D
Acq: 8 Dec 2020 16:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	31.6	23.6	35.4
88	21.2	15.8	23.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. -0.01 min

Lab File: VL036098.D

Acq: 8 Dec 2020 16:35

Instrument :

MSVOA_L

ClientSampleId :

VL1208ABL01

Tot Ion:117 Resp: 2380593

Ion Ratio Lower Upper

117 100

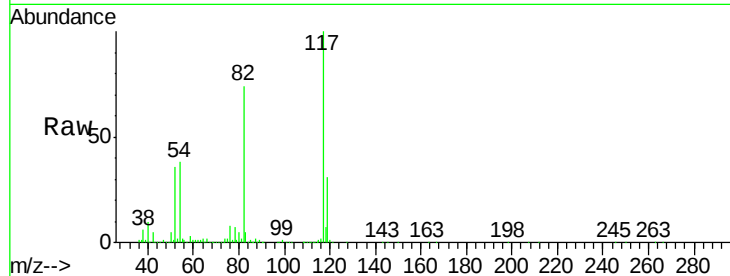
82 77.9 0.0 0.0#

119 33.2 0.0 0.0#

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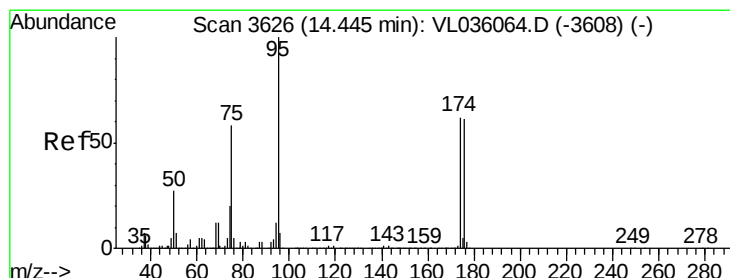
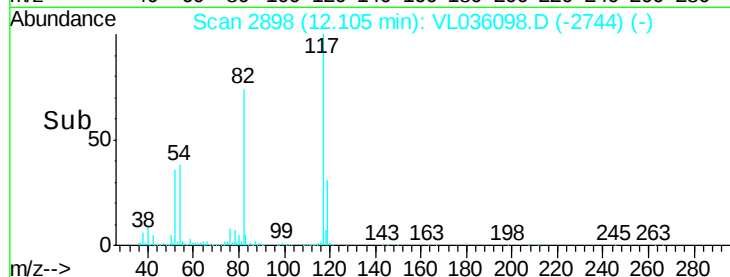
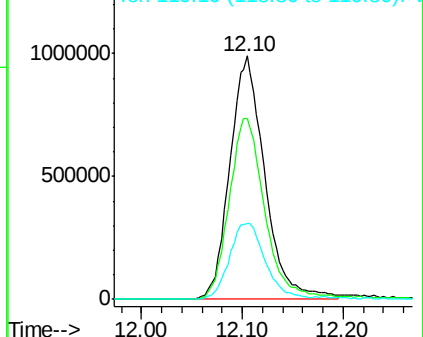
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.582 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. -0.01 min

Lab File: VL036098.D

Acq: 8 Dec 2020 16:35

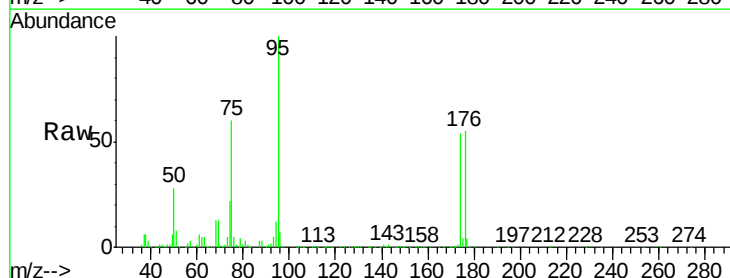
Tgt Ion: 95 Resp: 2000253

Ion Ratio Lower Upper

95 100

174 58.9 50.7 76.1

175 4.1 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

