

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036597.D
 Acq On : 31 Mar 2021 11:42
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 4/2/2021 6:53:29 PM

Quant Time: Apr 01 22:24:53 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	5.66	49	1580596	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3845807	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3275019	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2546938	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	66582m	0.428	ppbv	
20) Methylene Chloride	4.34	84	23494m	0.323	ppbv	

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

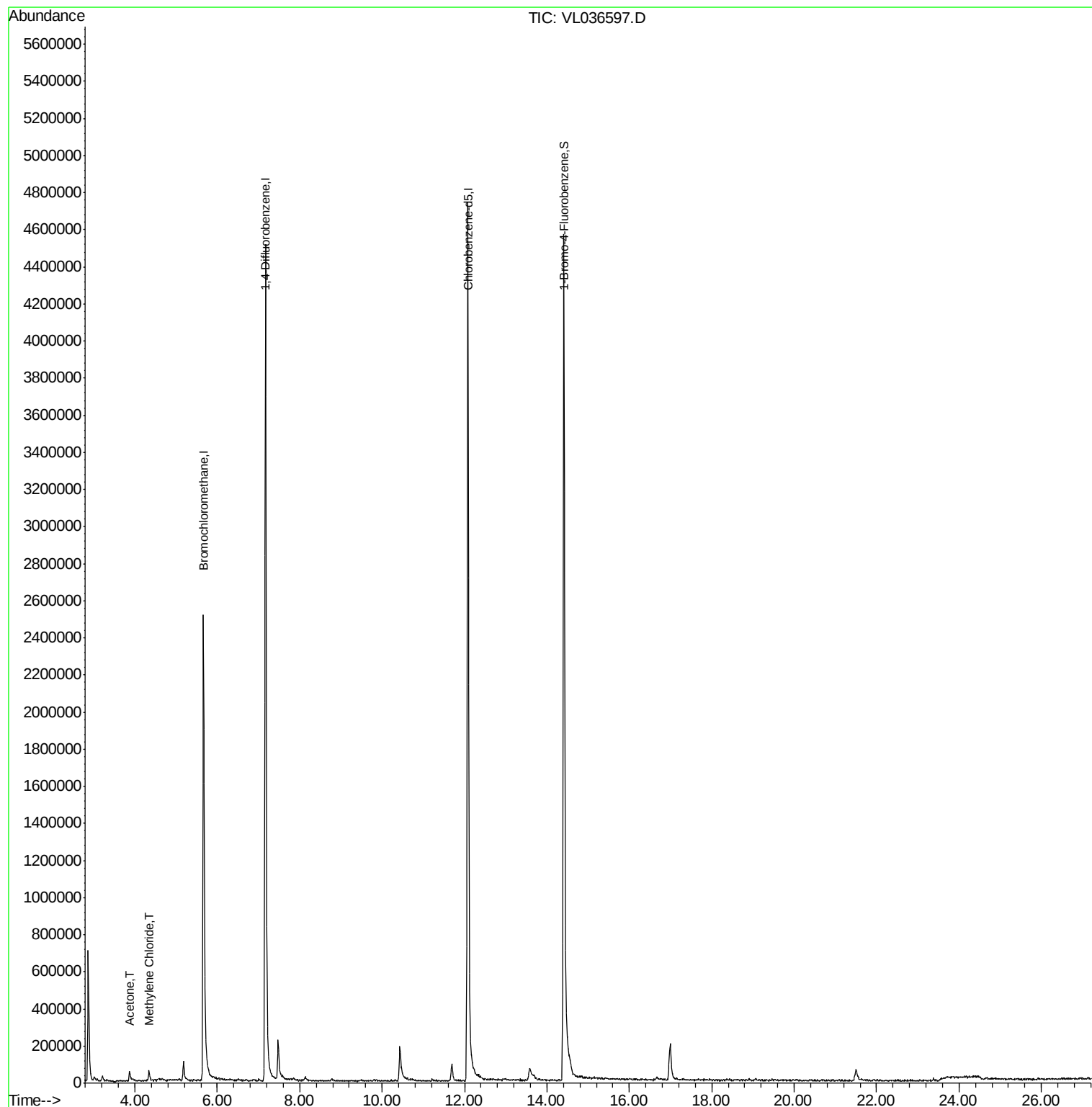
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033121\
Data File : VL036597.D
Acq On : 31 Mar 2021 11:42
Operator : SY/AP
Sample : VIBLK
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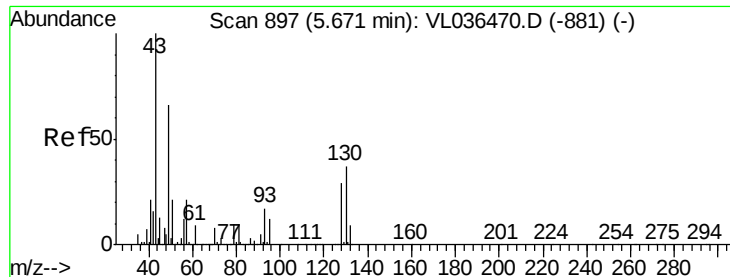
Instrument :
MSVOA_L
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VIBLK

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Quant Time: Apr 01 22:24:53 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# 894

Delta R.T. -0.01 min

Lab File: VL036597.D

Acq: 31 Mar 2021 11:42

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1580596

Ion Ratio Lower Upper

49 100

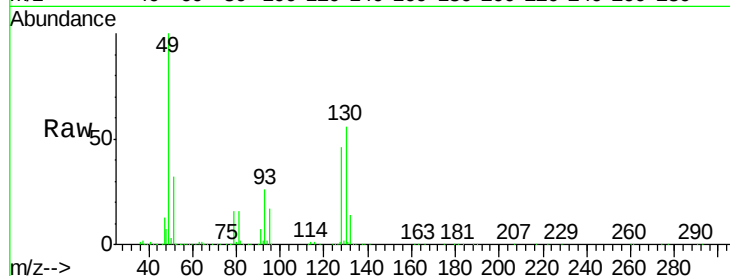
128 44.9 23.5 70.6

130 59.2 29.1 87.4

Manual Integrations
APPROVED

MMDadoda

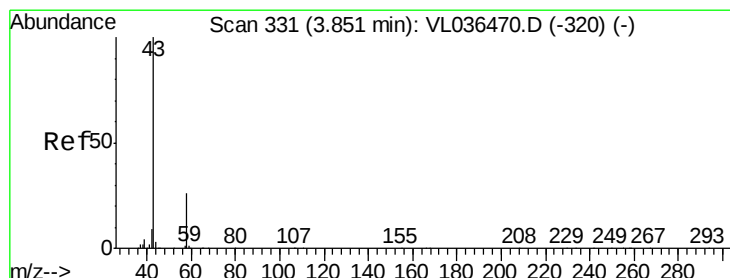
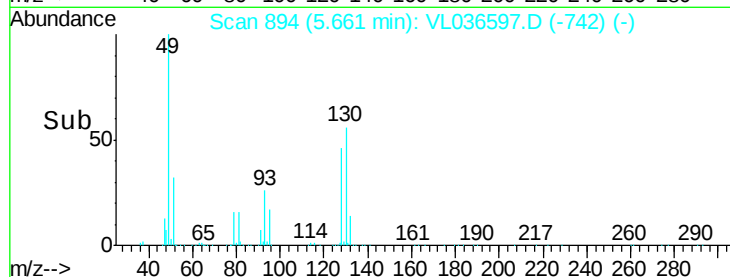
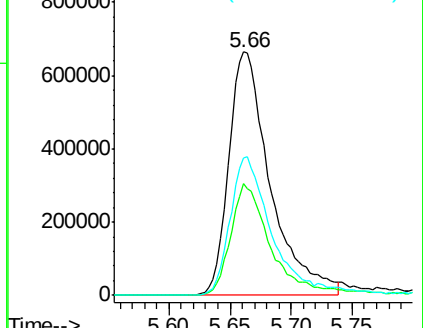
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.428 ppbv m

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL036597.D

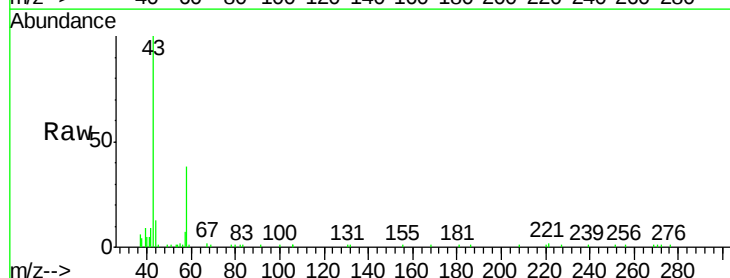
Acq: 31 Mar 2021 11:42

Tgt Ion: 43 Resp: 66582

Ion Ratio Lower Upper

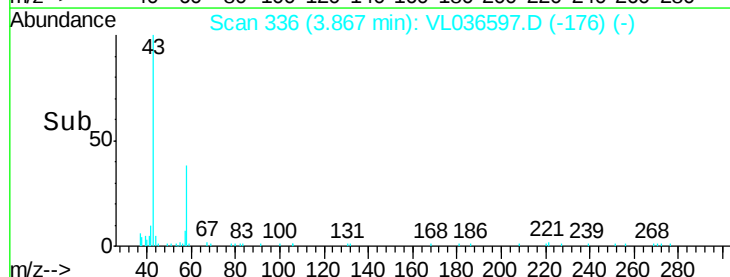
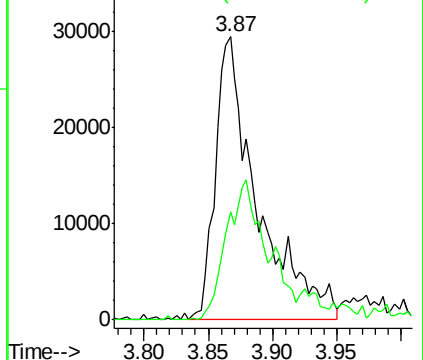
43 100

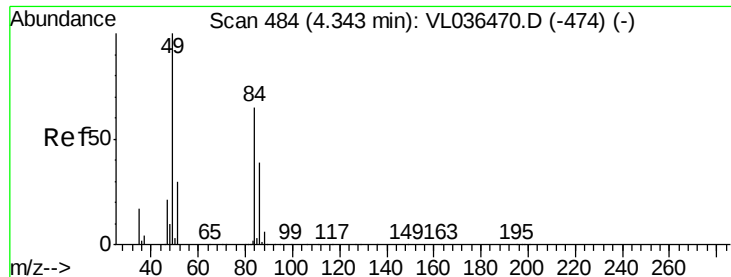
58 56.2 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





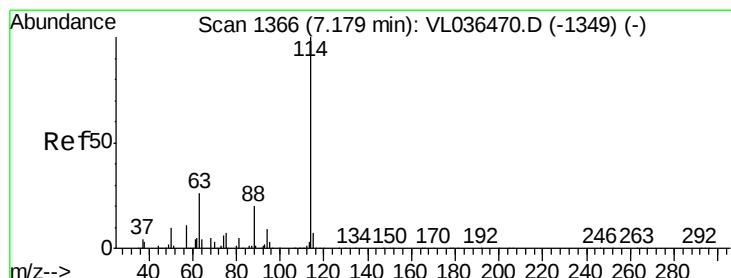
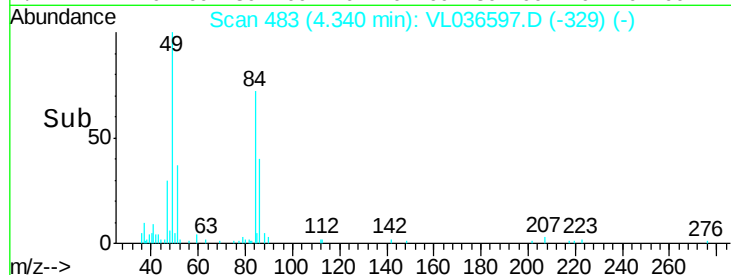
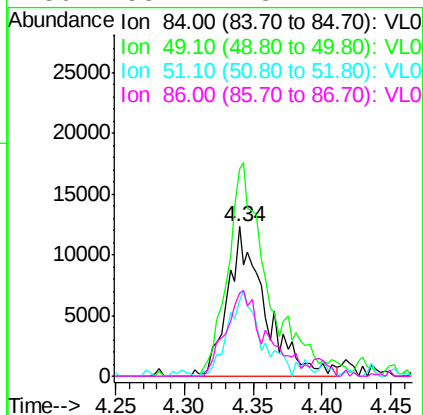
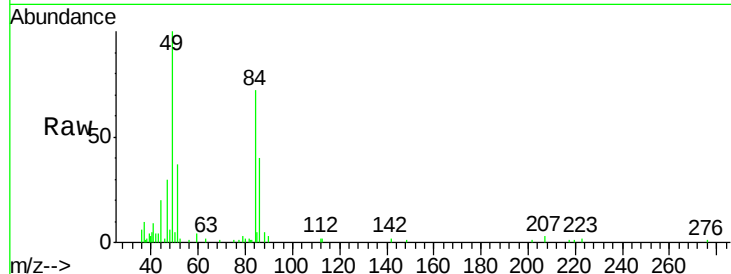
#20
Methvlene Chloride
Concen: 0.323 ppbv m
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036597.D
Acq: 31 Mar 2021 11:42

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:	84	Resp:	23494
Ion	Ratio	Lower	Upper
84	100		
49	138.5	122.9	184.3
51	50.7	36.9	55.3
86	55.4	48.2	72.4

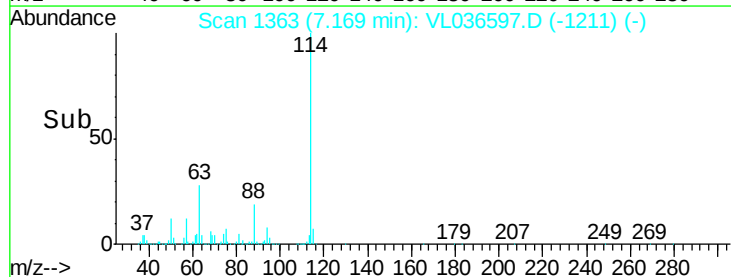
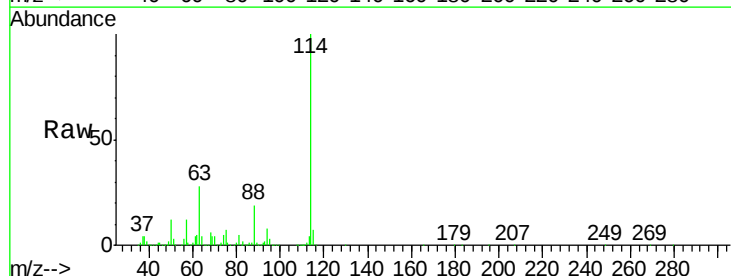
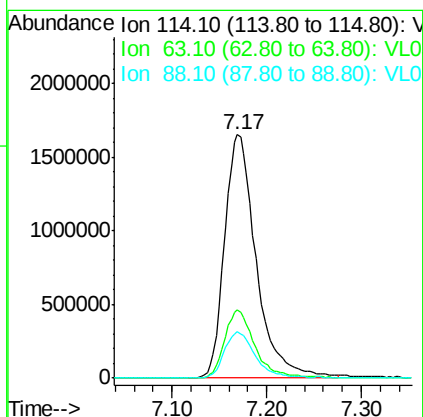
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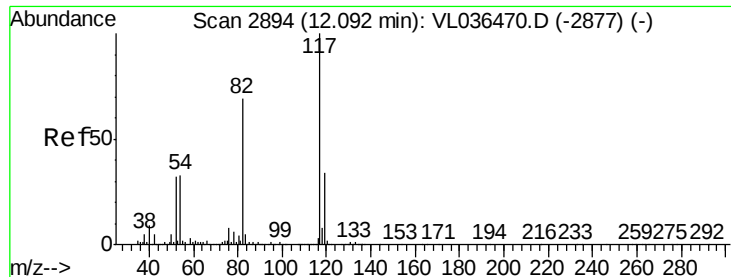
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL036597.D
Acq: 31 Mar 2021 11:42

Tgt Ion:	114	Resp:	3845807
Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.4	33.6
88	19.0	15.4	23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2891

Delta R.T. -0.01 min

Lab File: VL036597.D

Acq: 31 Mar 2021 11:42

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion:117 Resp: 3275019

Ion Ratio Lower Upper

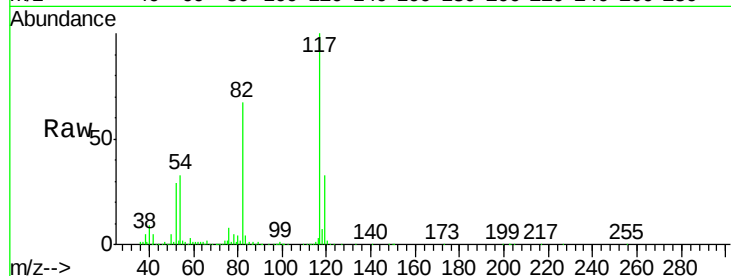
117 100

82 69.5 57.4 86.0

119 33.4 47.4 71.0#

Manual Integrations
APPROVED

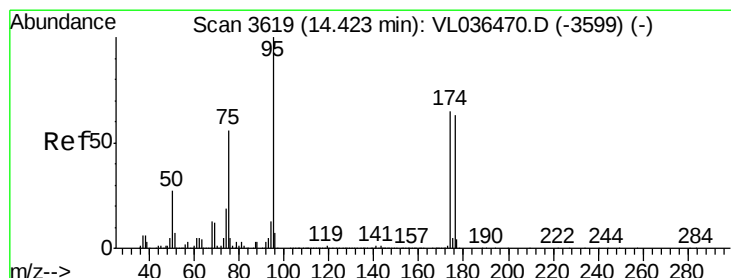
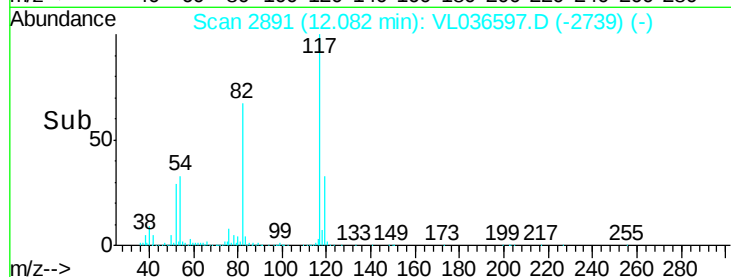
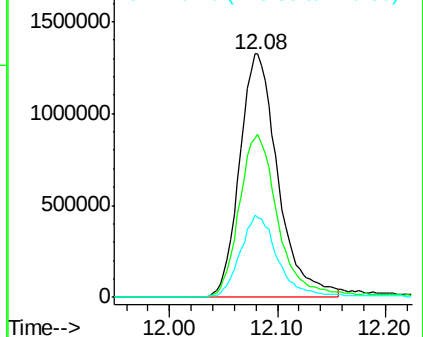
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.758 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.01 min

Lab File: VL036597.D

Acq: 31 Mar 2021 11:42

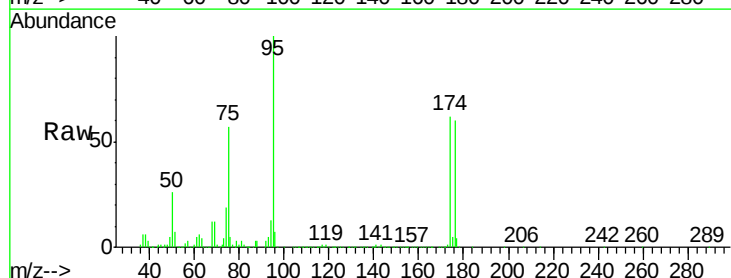
Tgt Ion: 95 Resp: 2546938

Ion Ratio Lower Upper

95 100

174 66.9 51.0 76.6

175 4.9 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

