

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030221\
 Data File : VL036425.D
 Acq On : 2 Mar 2021 11:22
 Operator : SY/AP
 Sample : VL0302ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0302ABL01

Manual Integrations
 APPROVED

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 3/3/2021 1:52:23 PM

Quant Time: Mar 03 03:35:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1587966	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3692756	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3296342	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2662373	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	49043m	0.253	ppbv	
20) Methylene Chloride	4.33	84	10813m	0.173	ppbv	

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

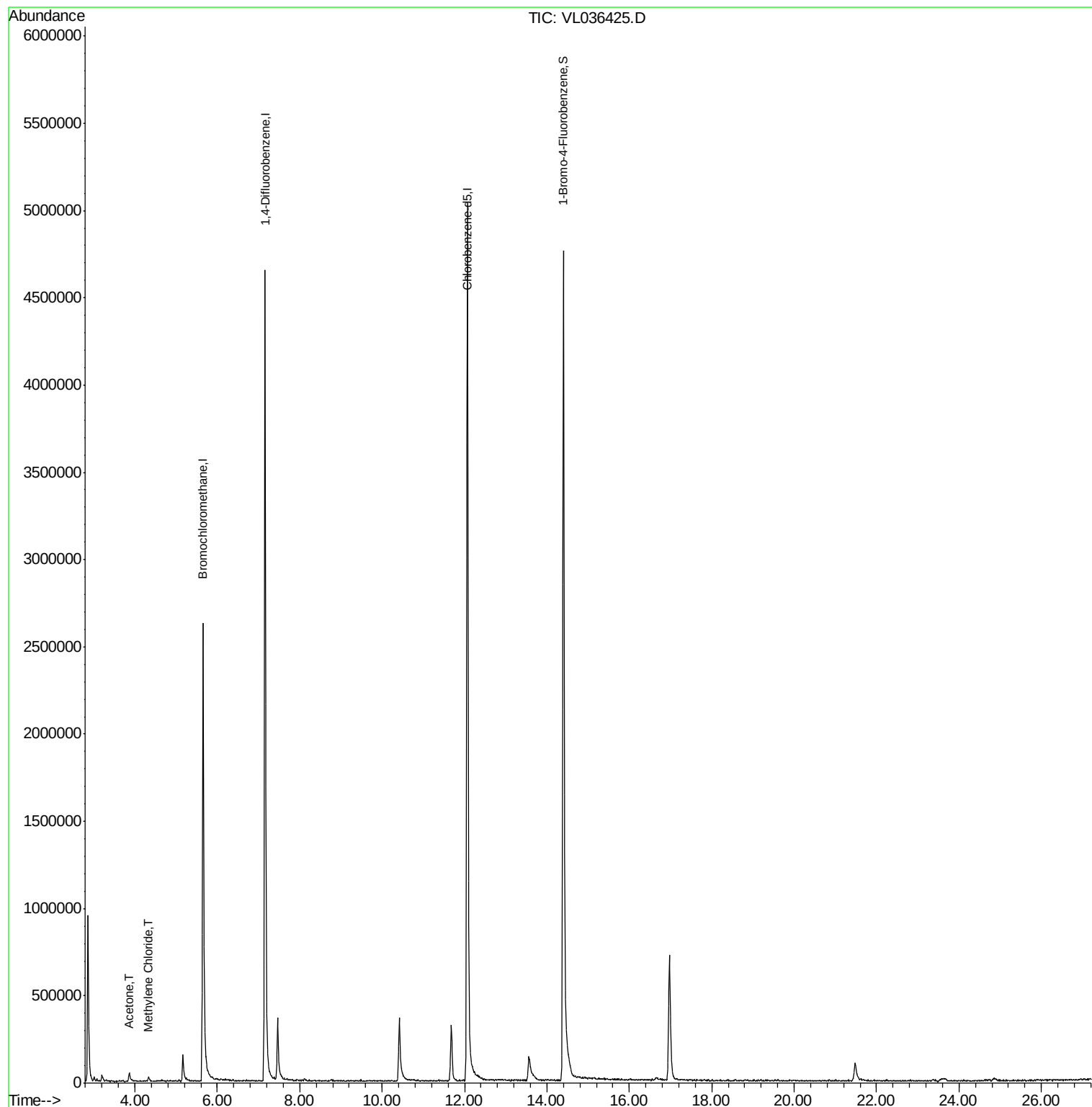
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Data File : VL036425.D
Acq On : 2 Mar 2021 11:22
Operator : SY/AP
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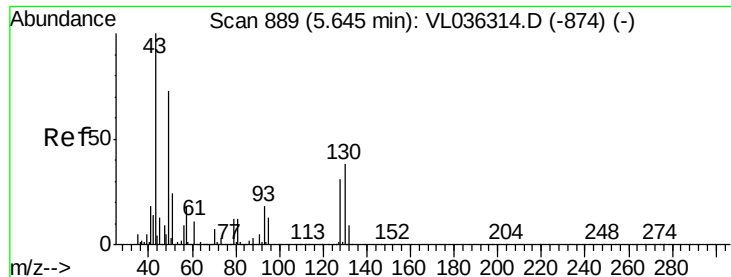
Instrument :
MSVOA_L
ClientSampleId :
VL0302ABL01

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Quant Time: Mar 03 03:35:47 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
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QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





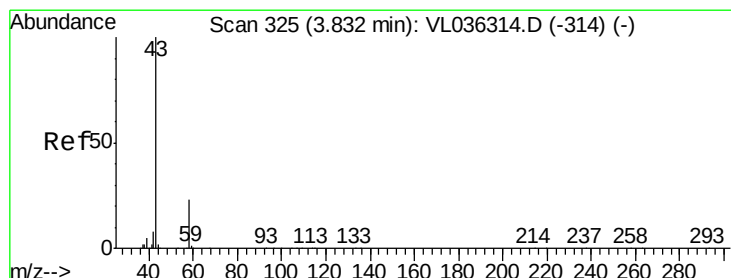
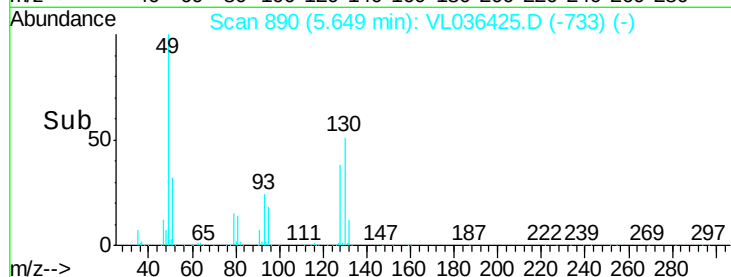
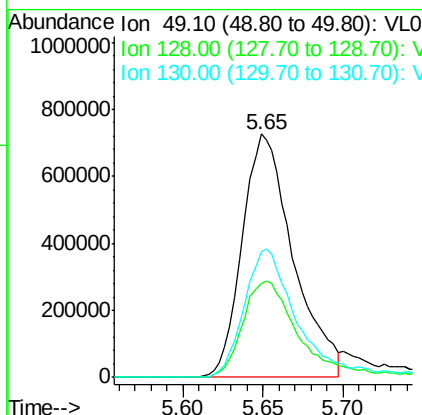
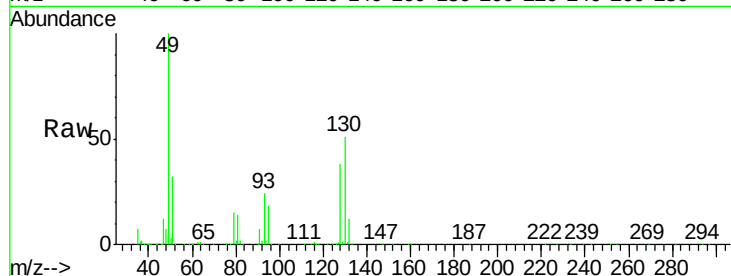
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. 0.00 min
Lab File: VL036425.D
Acq: 2 Mar 2021 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0302ABL01

Tot Ion: 49 Resp: 1587966
Ion Ratio Lower Upper
49 100
128 45.5 20.8 62.5
130 58.2 26.7 80.1

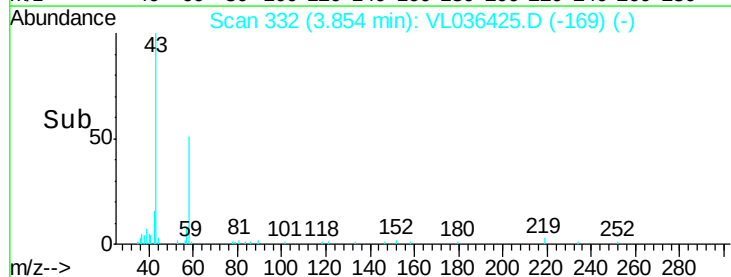
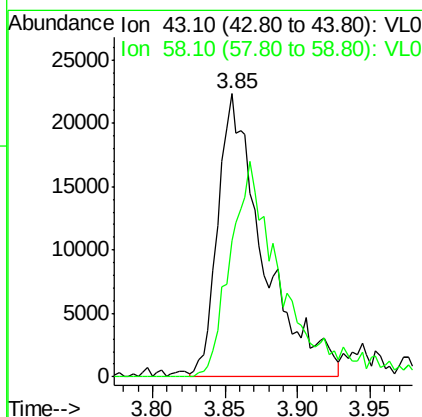
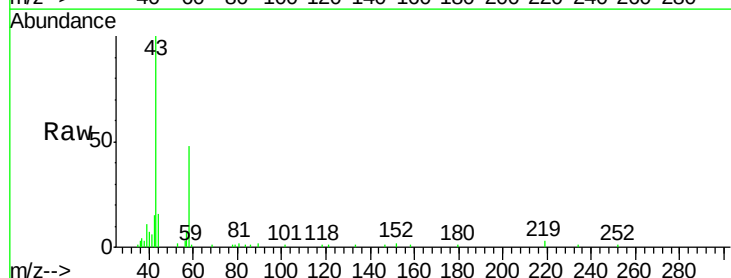
Manual Integrations
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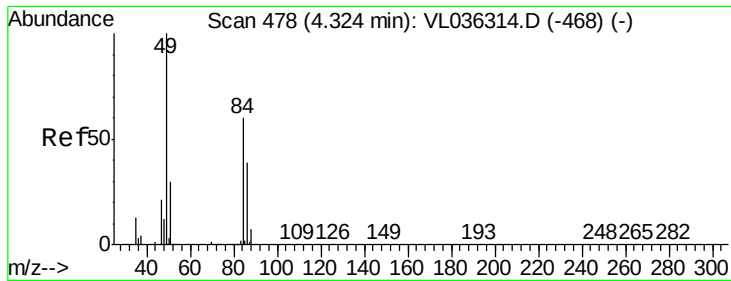
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#15
Acetone
Concen: 0.253 ppbv m
RT: 3.85 min Scan# 332
Delta R.T. 0.02 min
Lab File: VL036425.D
Acq: 2 Mar 2021 11:22

Tgt Ion: 43 Resp: 49043
Ion Ratio Lower Upper
43 100
58 0.0 20.3 30.5#





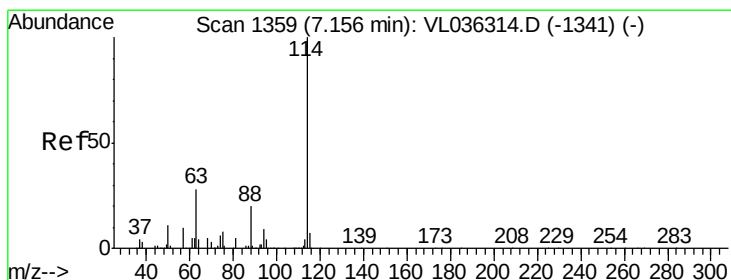
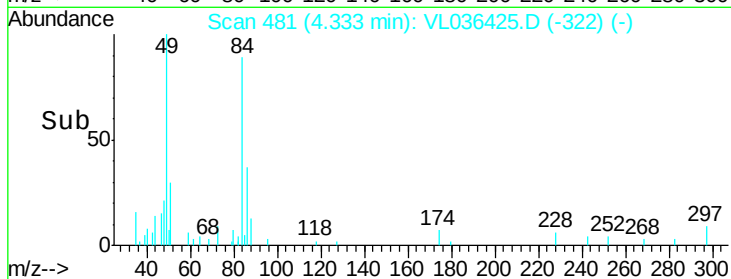
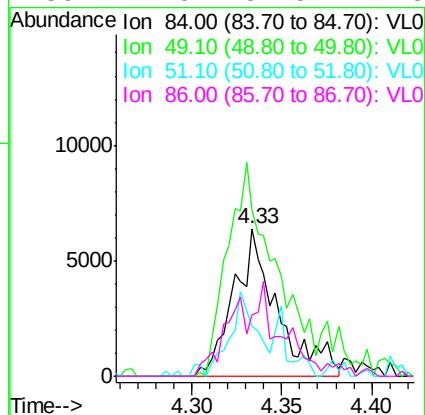
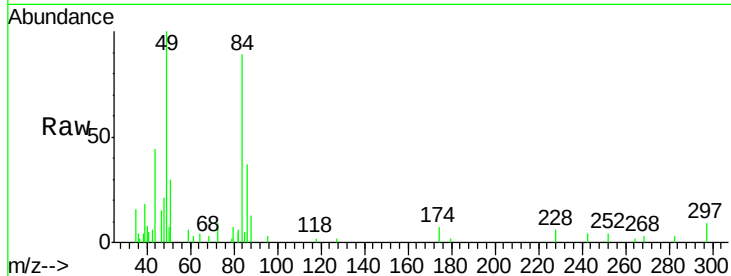
#20
Methylene Chloride
Concen: 0.173 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL036425.D
Acq: 2 Mar 2021 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL0302ABL01

Tot Ion	Ratio	Lower	Upper
84	100		
49	112.6	133.8	200.8#
51	34.3	41.4	62.0#
86	42.0	51.5	77.3#

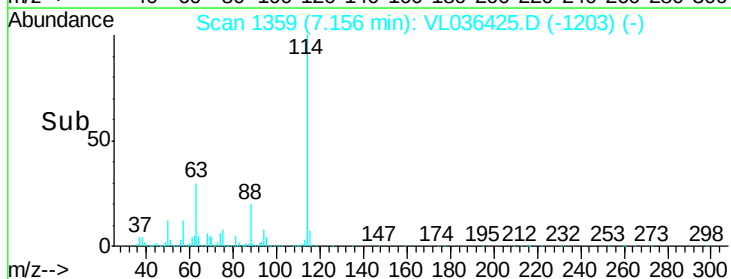
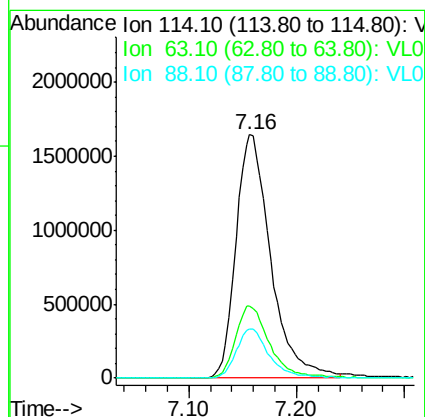
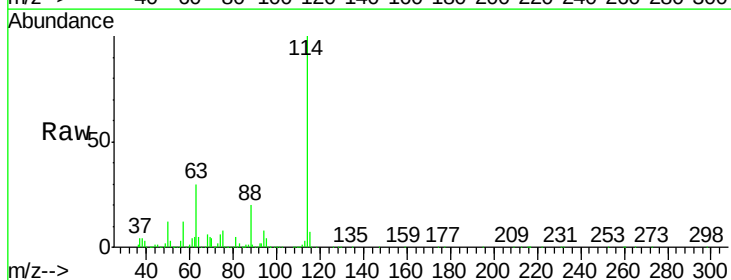
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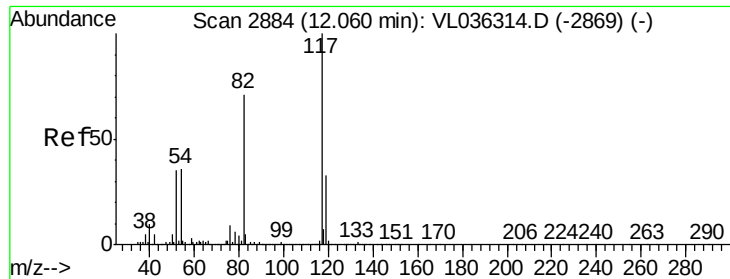
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VL036425.D
Acq: 2 Mar 2021 11:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.1	36.1
88	19.8	16.0	24.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2887

Delta R.T. 0.01 min

Lab File: VL036425.D

Acq: 2 Mar 2021 11:22

Instrument :

MSVOA_L

ClientSampleId :

VL0302ABL01

Tot Ion:117 Resp: 3296342

Ion Ratio Lower Upper

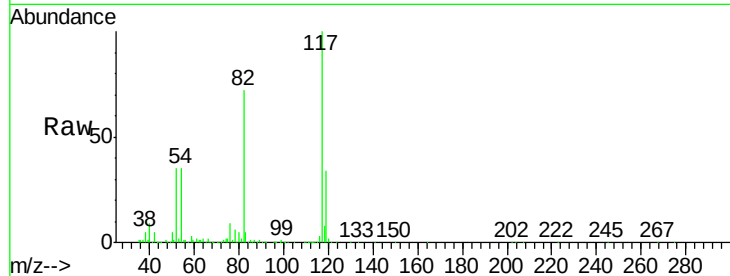
117 100

82 74.2 59.1 88.7

119 34.5 46.3 69.5#

Manual Integrations
APPROVED

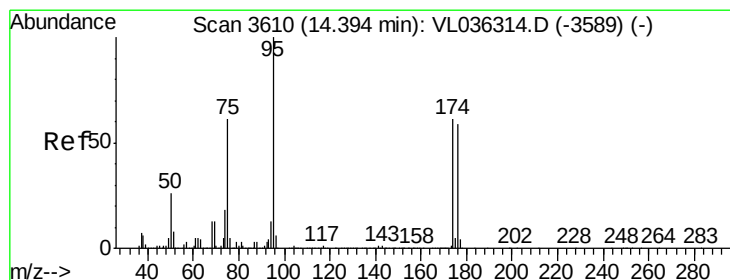
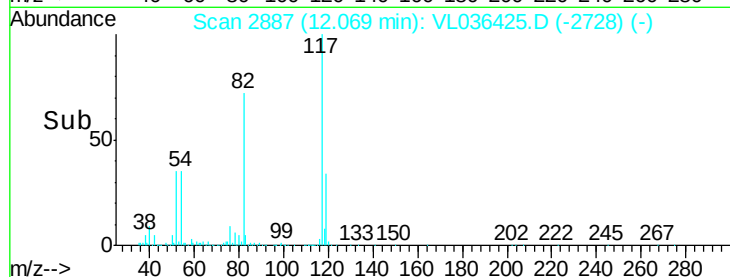
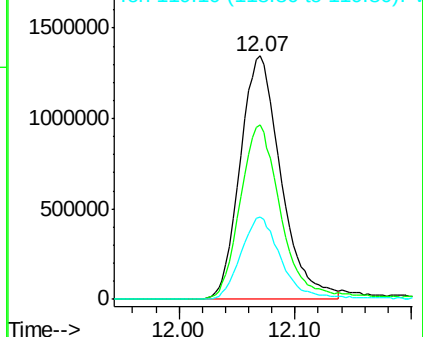
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.817 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. 0.00 min

Lab File: VL036425.D

Acq: 2 Mar 2021 11:22

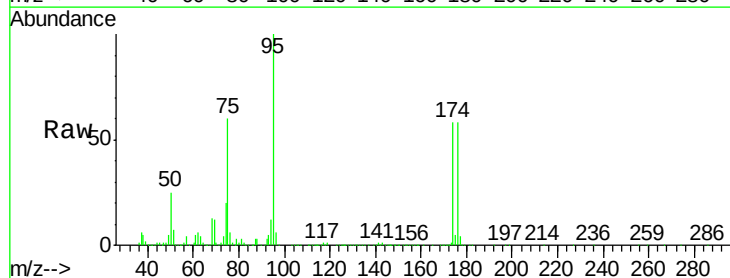
Tgt Ion: 95 Resp: 2662373

Ion Ratio Lower Upper

95 100

174 64.0 49.8 74.6

175 4.6 3.7 5.5



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

