

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052421\
Quantitation Report (QT Reviewed)

Data File : VL037045.D
Acq On : 24 May 2021 11:48
Operator : SY/AP
Sample : VL0524ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0524ABL01

Manual Integrations
APPROVED

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5/25/2021 6:00:22 PM

Quant Time: May 25 16:13:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1290736	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3825594	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3291870	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2355677	9.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.30%

Target Compounds					Qvalue
15) Acetone	3.87	43	35767m	0.271	ppbv
20) Methylene Chloride	4.33	84	31467m	0.444	ppbv

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

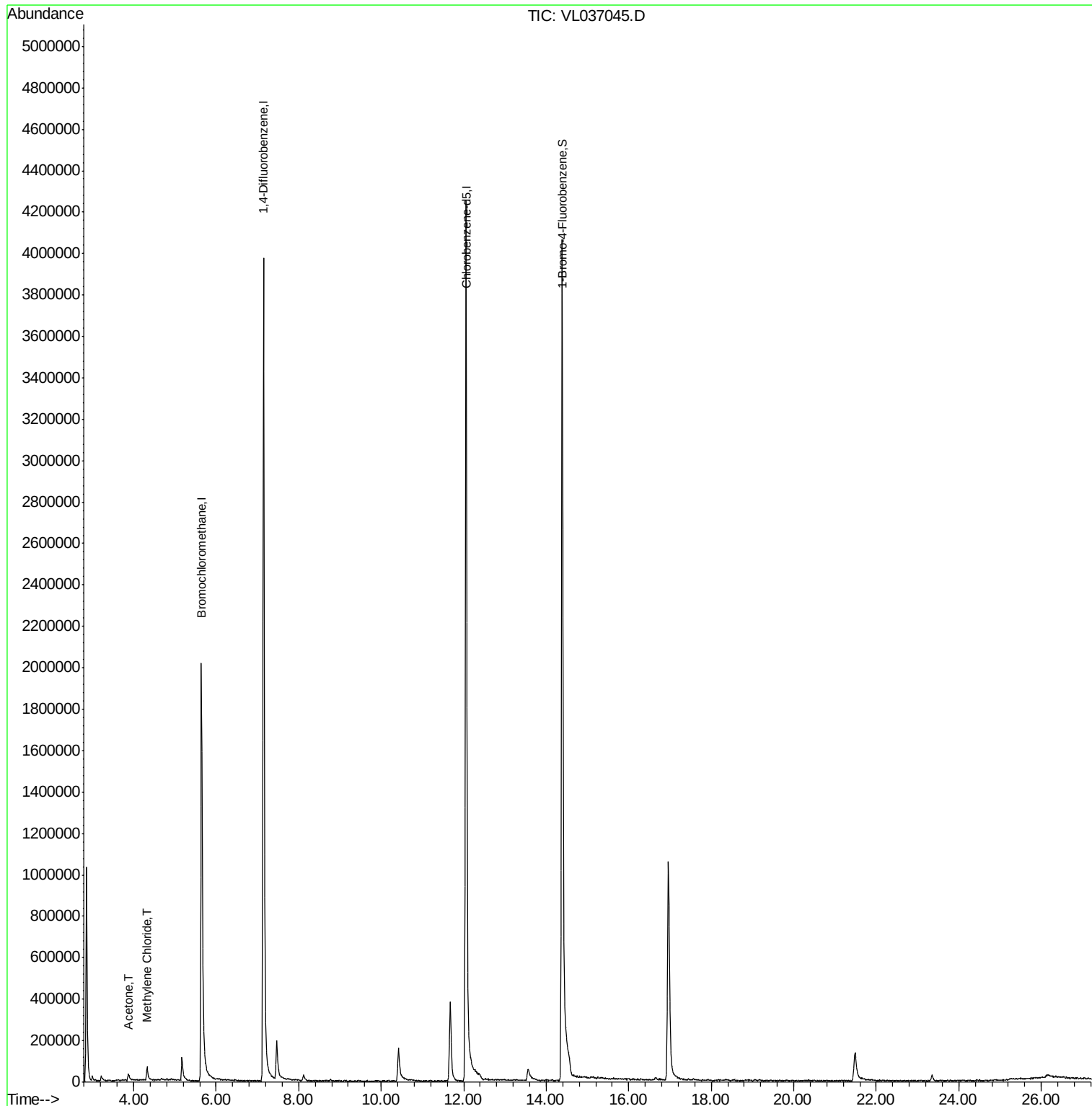
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

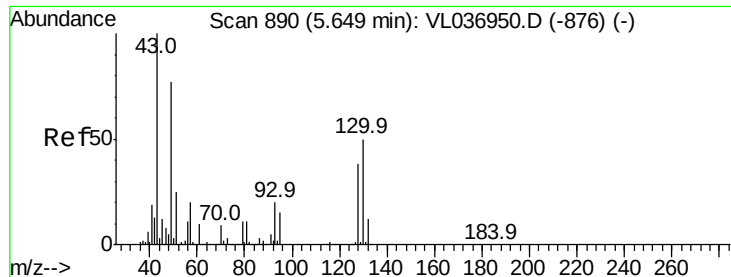
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABL01

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Quant Time: May 25 16:13:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.01 min

Lab File: VL037045.D

Acq: 24 May 2021 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL0524ABL01

Tgt Ion: 49 Resp: 1290736

Ion Ratio Lower Upper

49 100

128 56.1 26.9 80.7

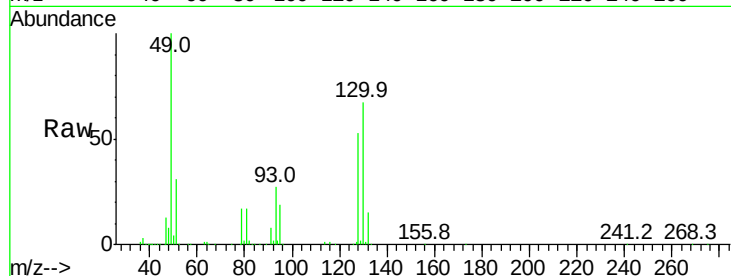
130 71.3 33.8 101.4

Manual Integrations

APPROVED

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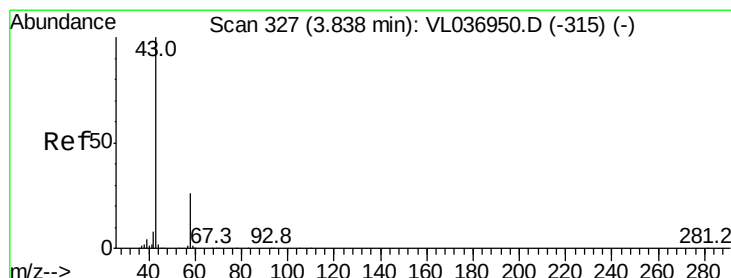
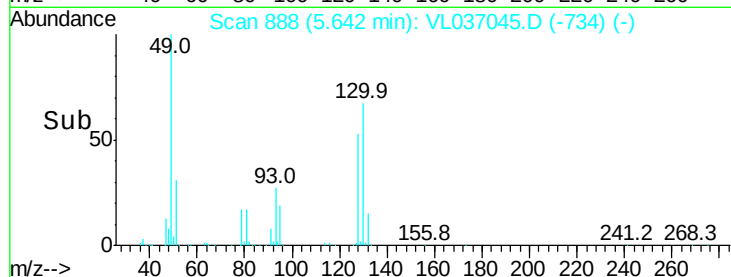
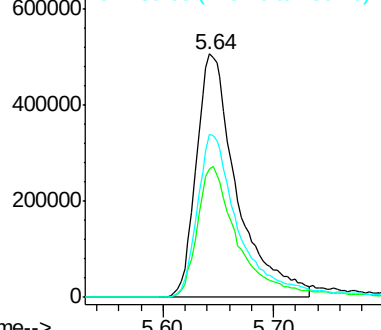
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.271 ppbv m

RT: 3.87 min Scan# 336

Delta R.T. 0.03 min

Lab File: VL037045.D

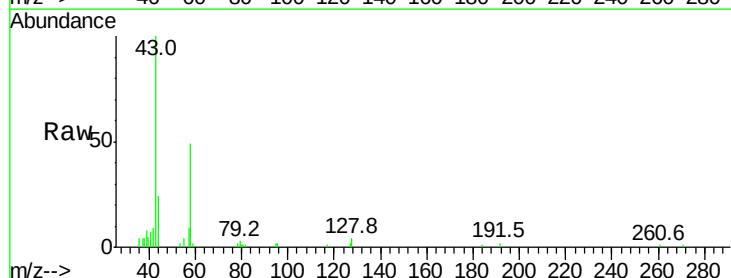
Acq: 24 May 2021 11:48

Tgt Ion: 43 Resp: 35767

Ion Ratio Lower Upper

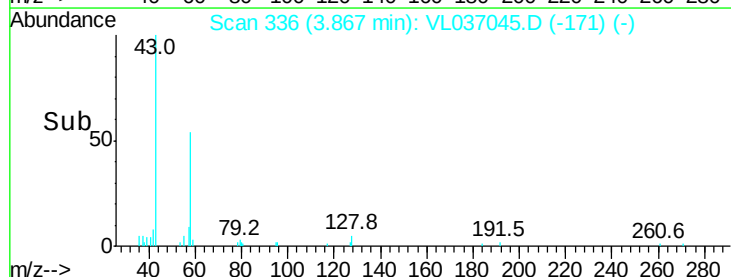
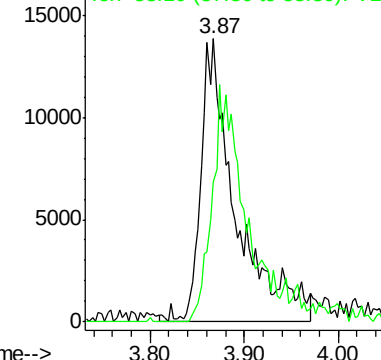
43 100

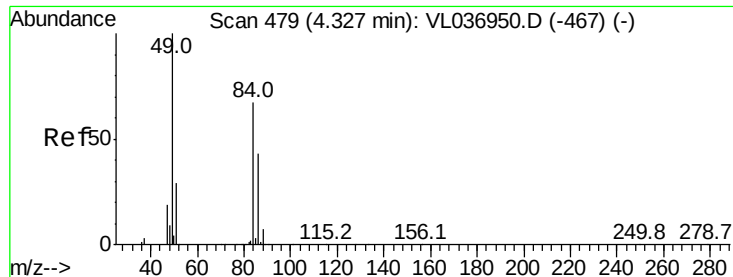
58 0.0 24.0 36.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





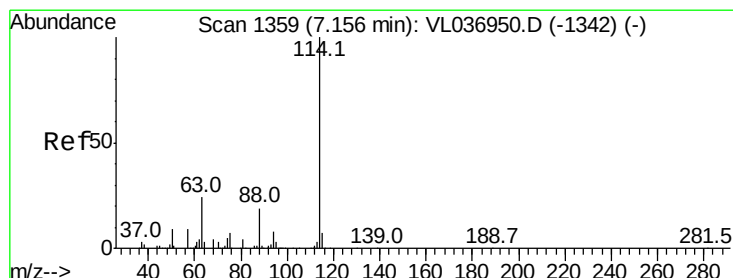
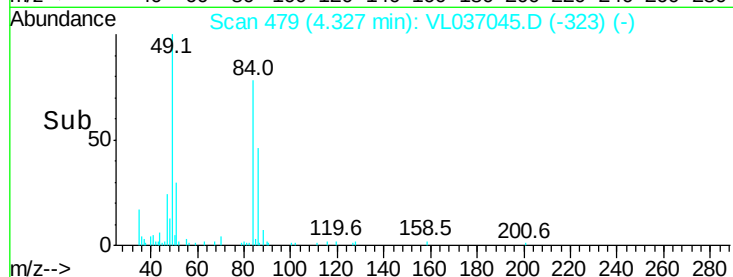
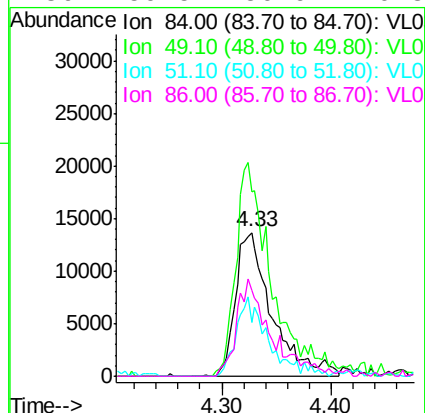
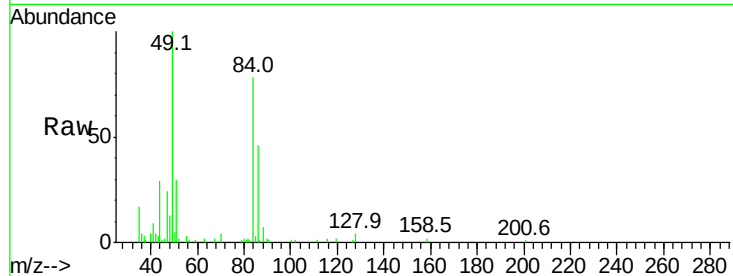
#20
Methylene Chloride
Concen: 0.444 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL037045.D
Acq: 24 May 2021 11:48

Instrument :
MSVOA_L
ClientSampleId :
VL0524ABL01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.3	119.8	179.6
51	37.9	35.1	52.7
86	59.5	50.9	76.3

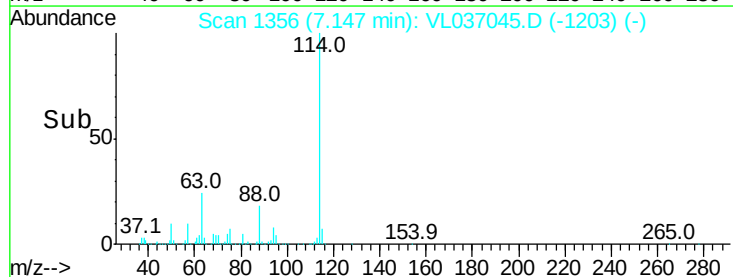
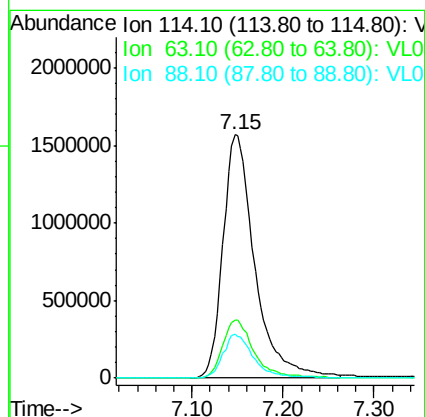
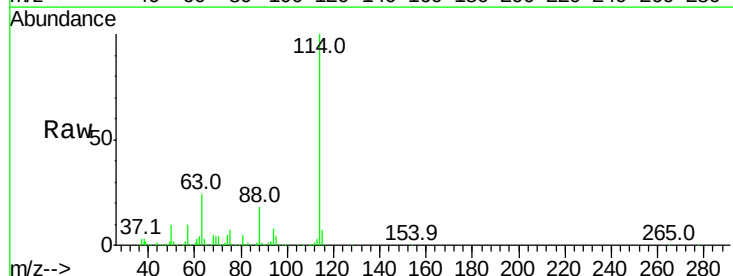
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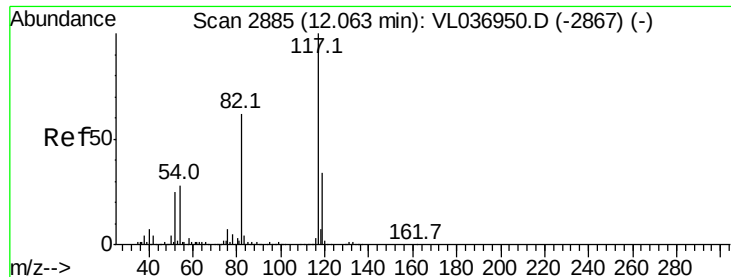
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL037045.D
Acq: 24 May 2021 11:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	17.5	14.6	21.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. -0.01 min

Lab File: VL037045.D

Acq: 24 May 2021 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL0524ABL01

Tgt Ion:117 Resp: 3291870

Ion Ratio Lower Upper

117 100

82 64.1 52.6 79.0

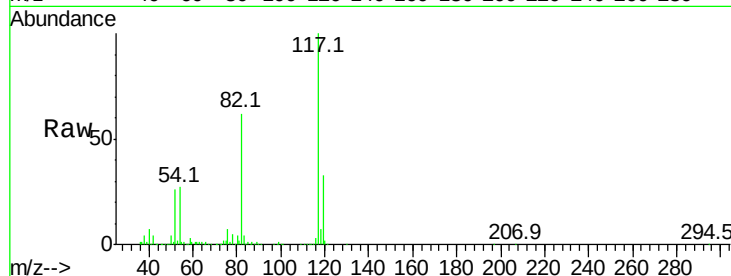
119 34.2 46.6 70.0#

Manual Integrations

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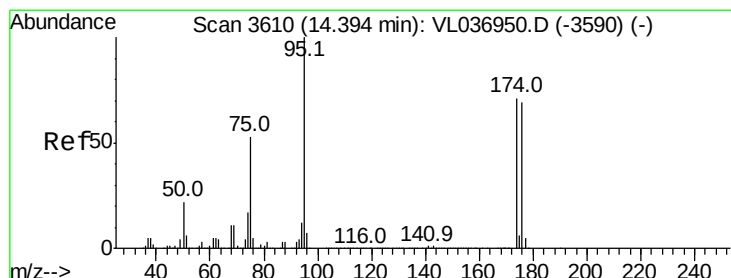
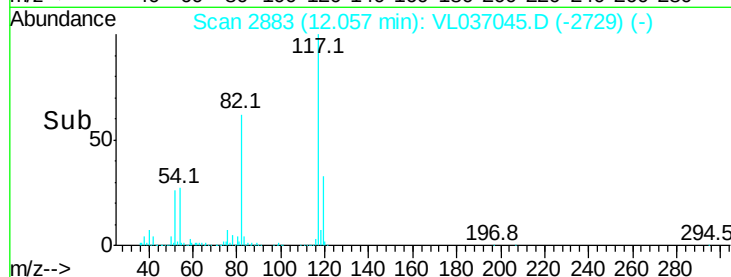
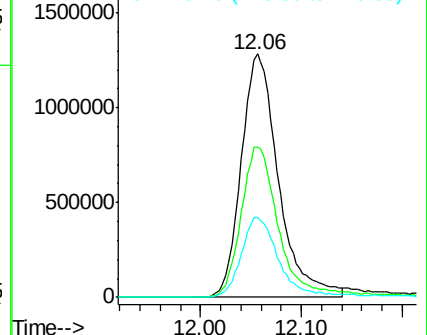
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.526 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.01 min

Lab File: VL037045.D

Acq: 24 May 2021 11:48

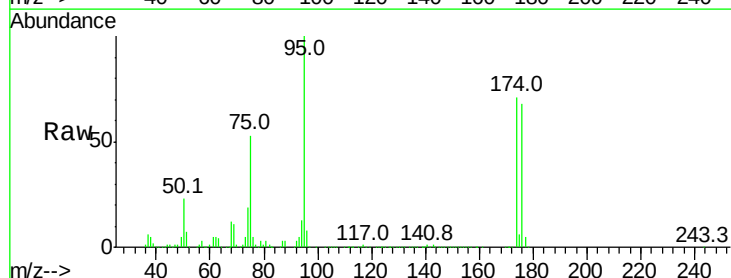
Tgt Ion: 95 Resp: 2355677

Ion Ratio Lower Upper

95 100

174 77.8 58.4 87.6

175 5.4 4.4 6.6



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

