

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035829.D
 Acq On : 4 Nov 2020 10:34
 Operator : SY/AP
 Sample : VL1104ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1104ABL01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:16:25 PM

Quant Time: Nov 05 03:23:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1015770	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	4585407	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	4239172	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2987888	9.92	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%
Target Compounds						
15) Acetone	3.84	43	22137	0.204	ppbv	Ovalue # 1
20) Methylene Chloride	4.32	84	13414m	0.175	ppbv	

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

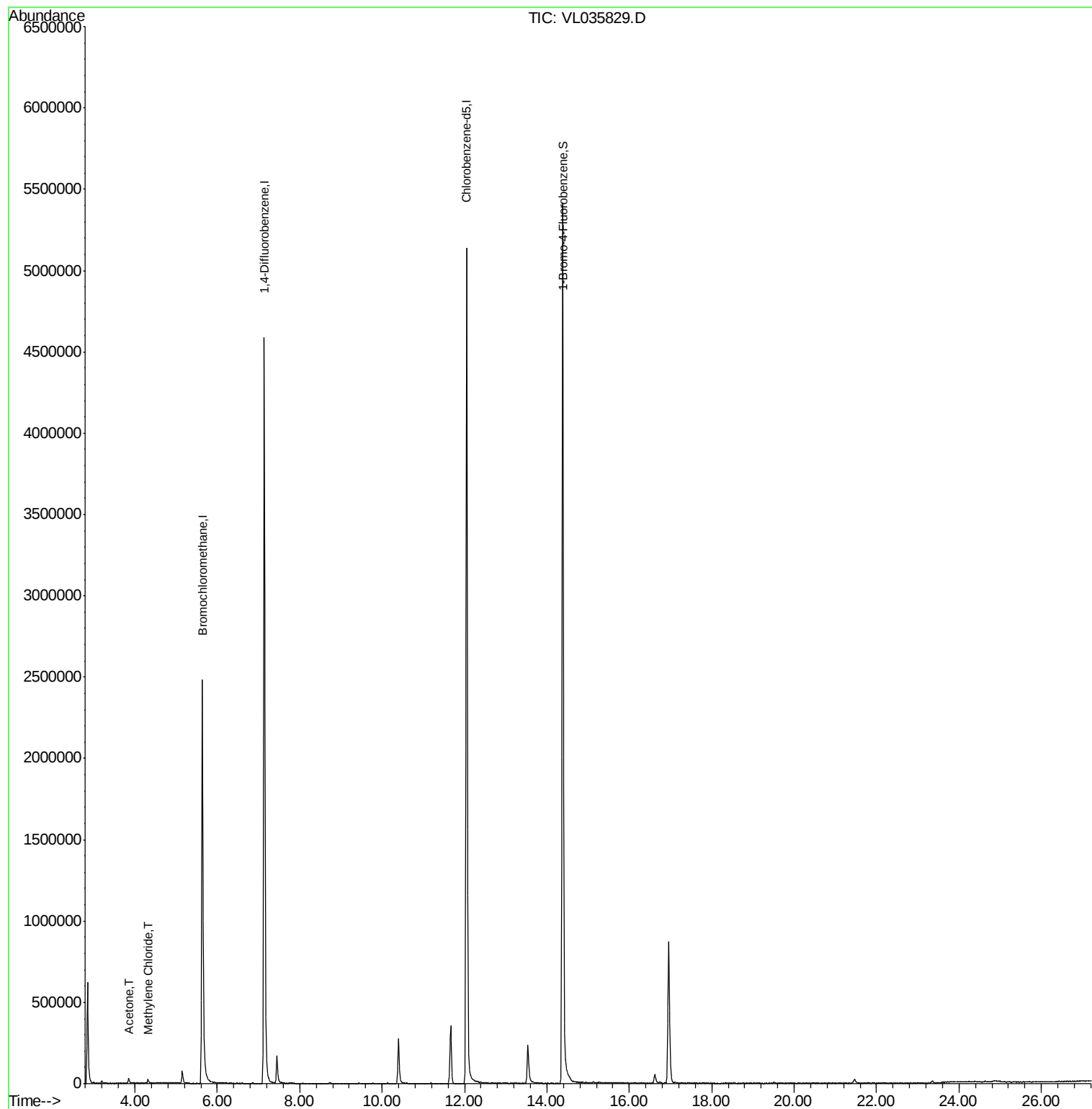
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110420\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.04 min

Lab File: VL035829.D

Acq: 4 Nov 2020 10:34

Instrument :

MSVOA_L

ClientSampleId :

VL1104ABL01

Tot Ion: 49 Resp: 1015770

Ion Ratio Lower Upper

49 100

128 94.8 41.5 124.6

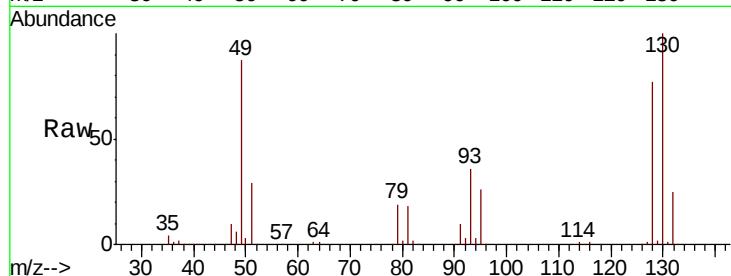
130 122.5 53.7 161.1

Manual Integrations

APPROVED

MMDadoda

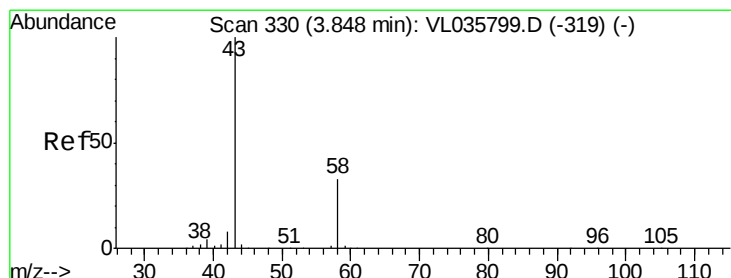
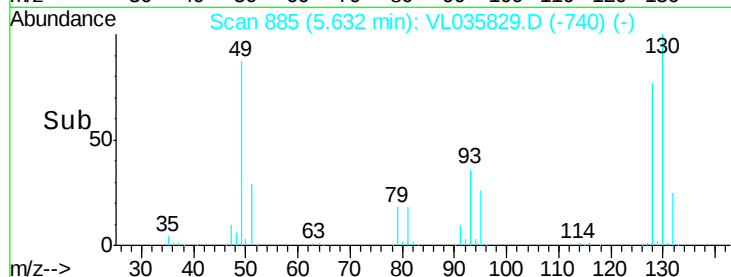
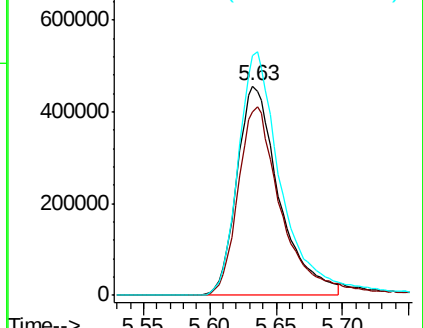
11/5/2020 2:16:25 PM



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: 0.204 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.00 min

Lab File: VL035829.D

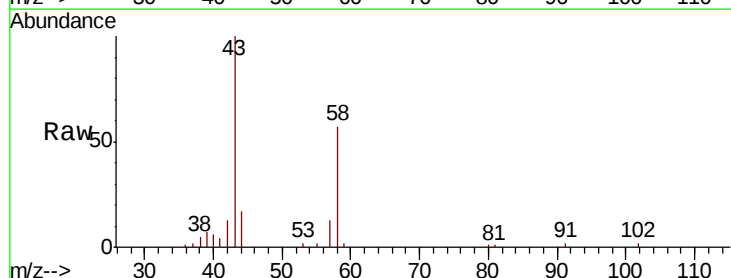
Acq: 4 Nov 2020 10:34

Tgt Ion: 43 Resp: 22137

Ion Ratio Lower Upper

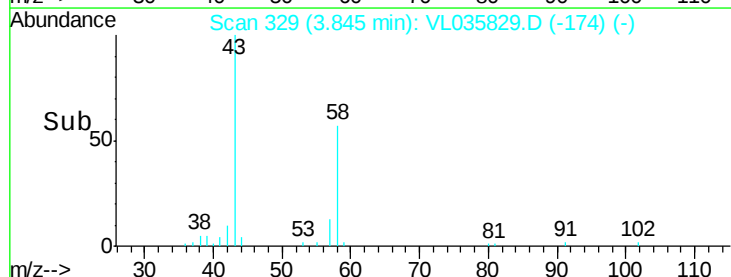
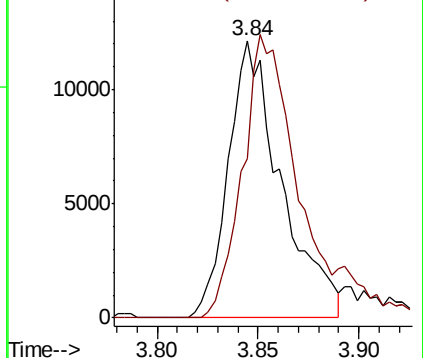
43 100

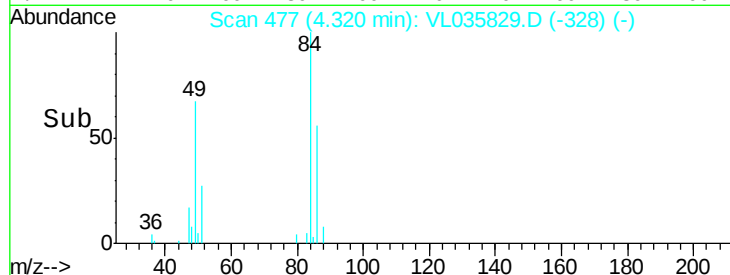
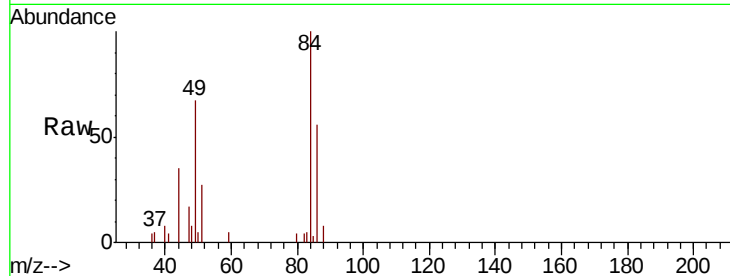
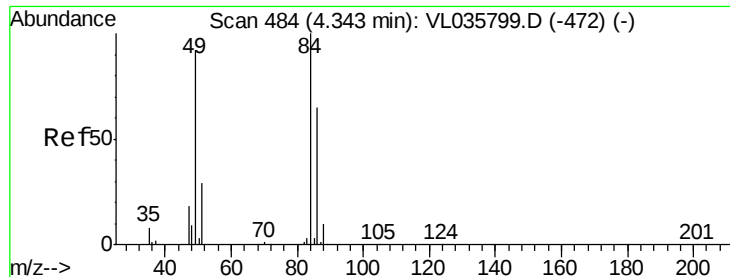
58 113.5 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





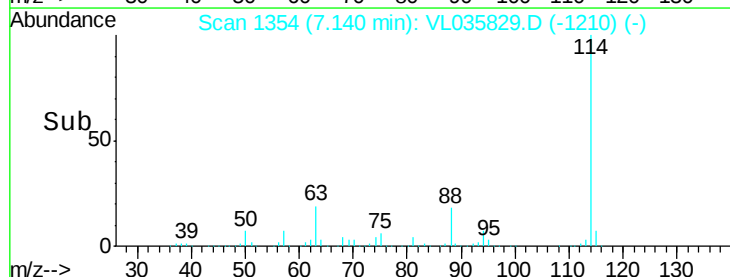
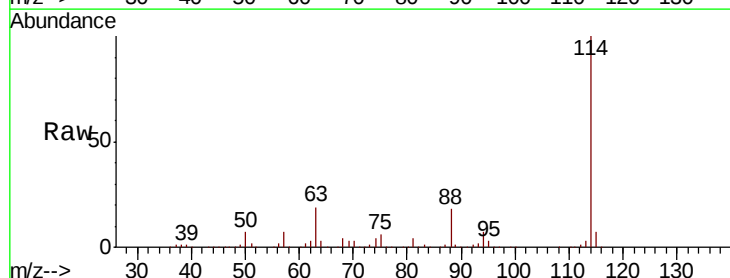
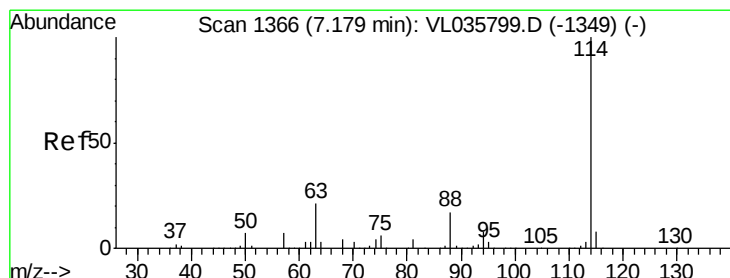
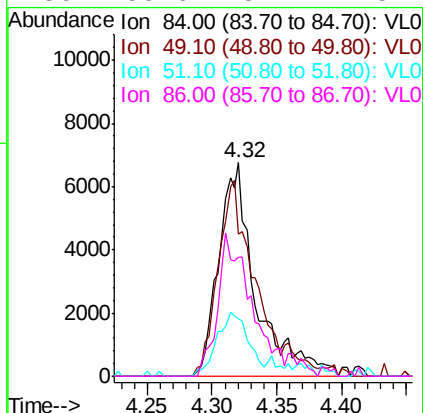
#20
Methvlene Chloride
Concen: 0.175 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035829.D
Acq: 4 Nov 2020 10:34

Tot Ion	Ratio	Lower	Upper
84	100		
49	66.7	73.8	110.8#
51	27.1	23.0	34.4
86	55.6	52.1	78.1

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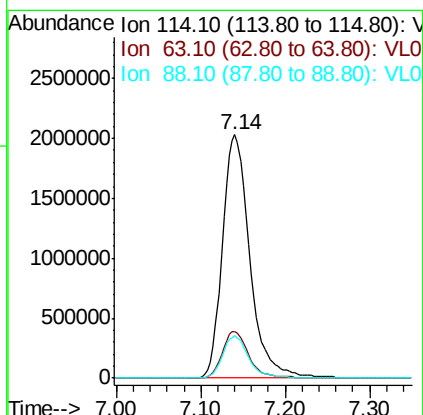
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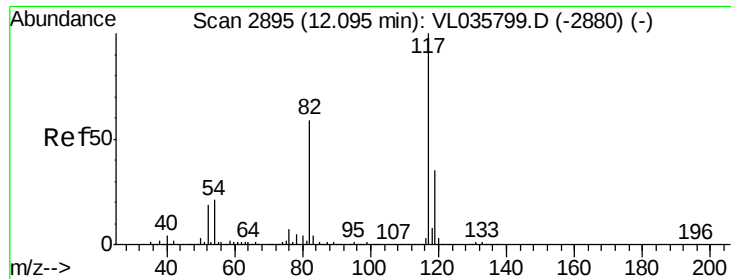
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.04 min
Lab File: VL035829.D
Acq: 4 Nov 2020 10:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	16.1	24.1
88	16.7	13.7	20.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2882

Delta R.T. -0.04 min

Lab File: VL035829.D

Acq: 4 Nov 2020 10:34

Instrument :

MSVOA_L

ClientSampleId :

VL1104ABL01

Tot Ion:117 Resp: 4239172

Ion Ratio Lower Upper

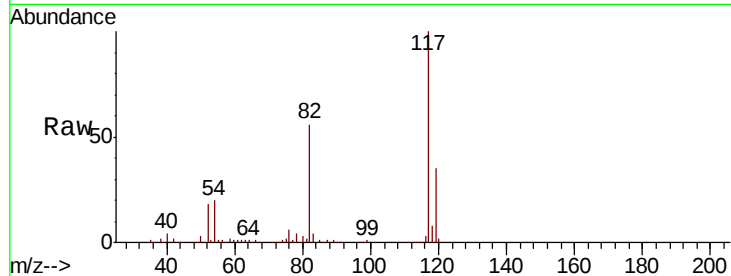
117 100

82 56.4 50.6 76.0

119 34.6 52.6 78.8#

Manual Integrations
APPROVED

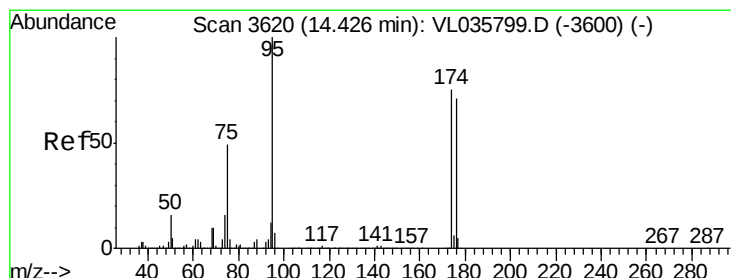
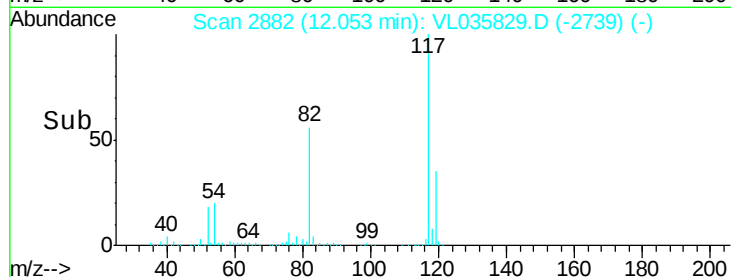
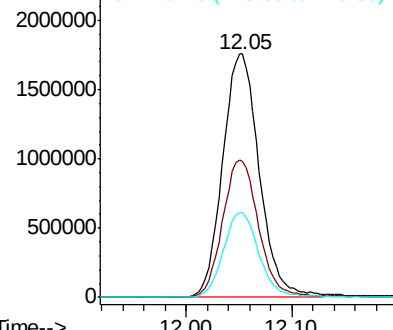
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.920 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.04 min

Lab File: VL035829.D

Acq: 4 Nov 2020 10:34

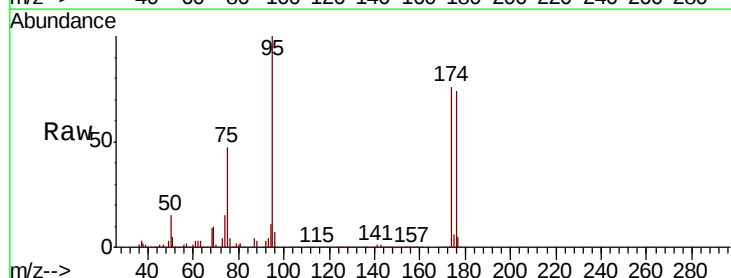
Tgt Ion: 95 Resp: 2987888

Ion Ratio Lower Upper

95 100

174 79.4 59.8 89.6

175 5.6 4.3 6.5



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

