

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035964.D
 Acq On : 17 Nov 2020 4:23
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 9:08:36 AM

Quant Time: Nov 17 13:06:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	5.67	49	1269437	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4802566	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4323692	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3190060	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	17972m	0.132	ppbv	
20) Methylene Chloride	4.35	84	11694	0.122	ppbv #	90

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

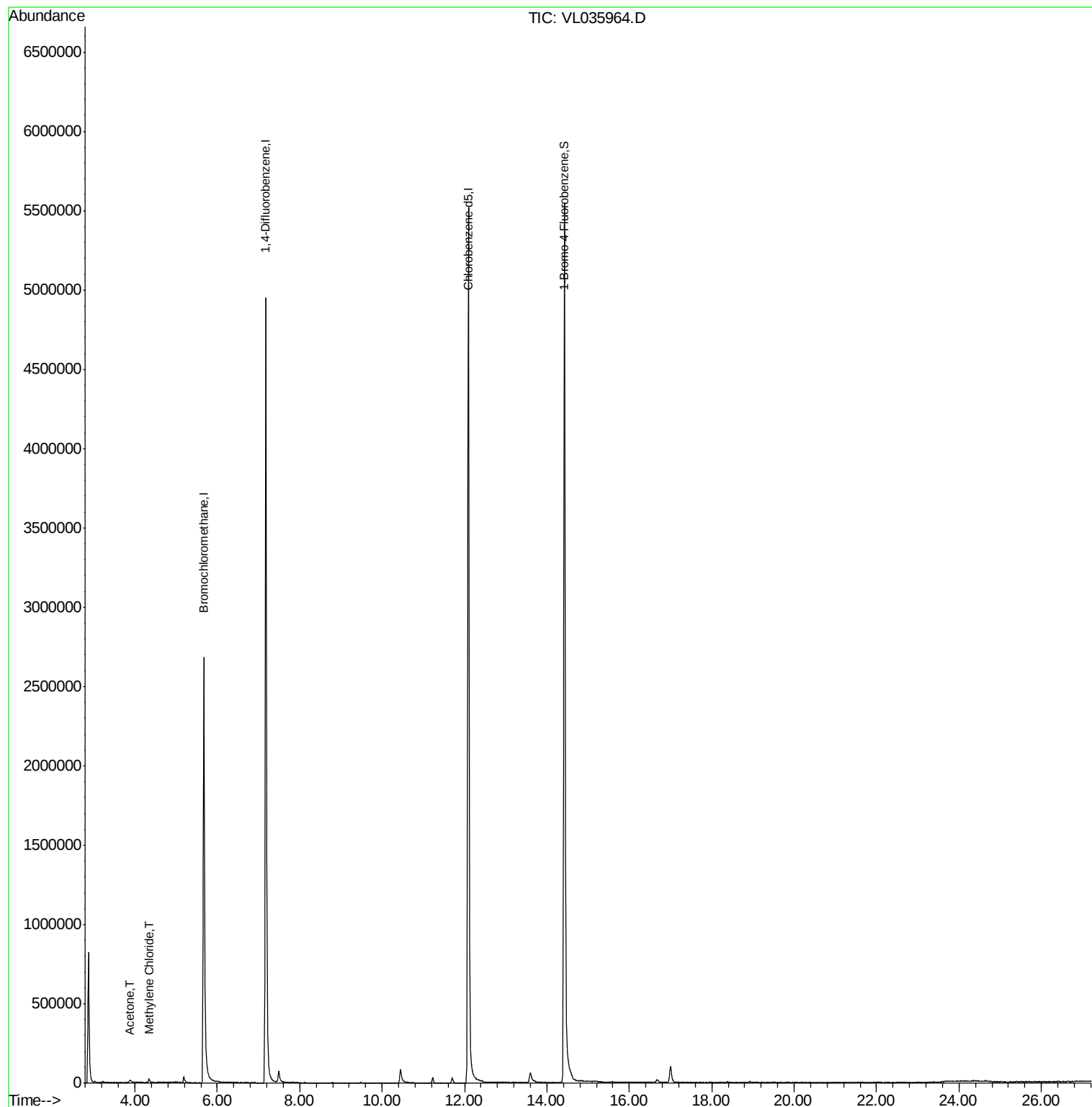
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111620\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL035964.D

Acq: 17 Nov 2020 4:23

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1269437

Ion Ratio Lower Upper

49 100

128 81.6 41.5 124.6

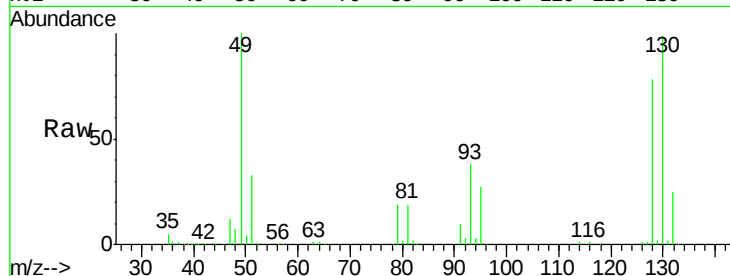
130 103.0 53.7 161.1

Manual Integrations

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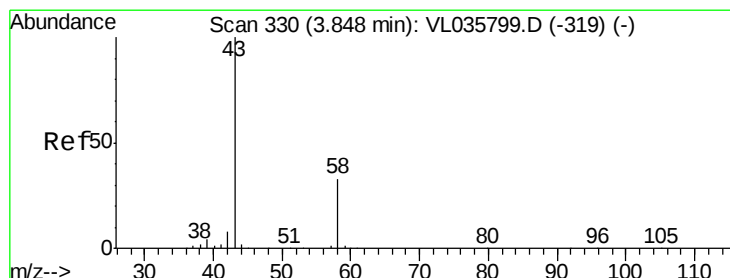
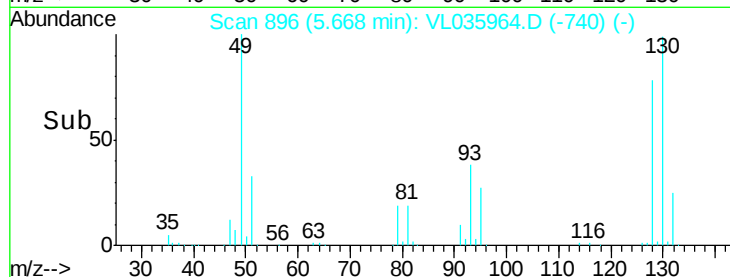
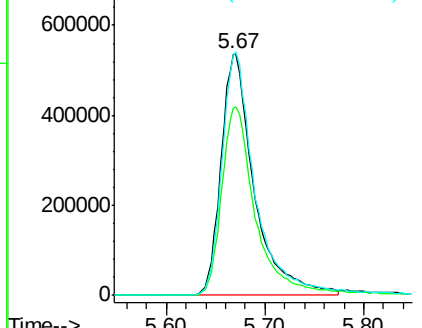
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.132 ppbv m

RT: 3.88 min Scan# 339

Delta R.T. 0.03 min

Lab File: VL035964.D

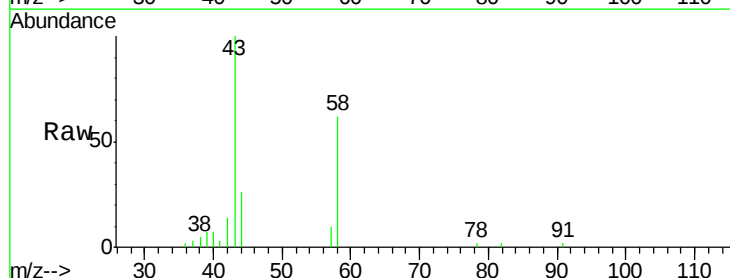
Acq: 17 Nov 2020 4:23

Tgt Ion: 43 Resp: 17972

Ion Ratio Lower Upper

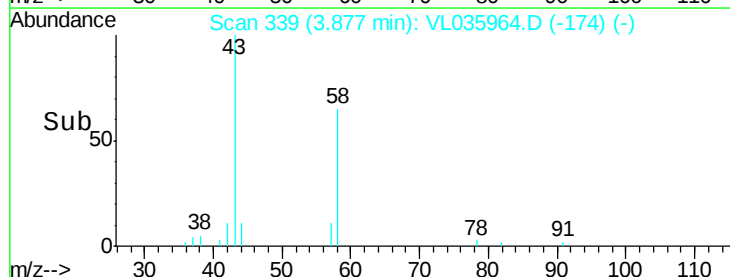
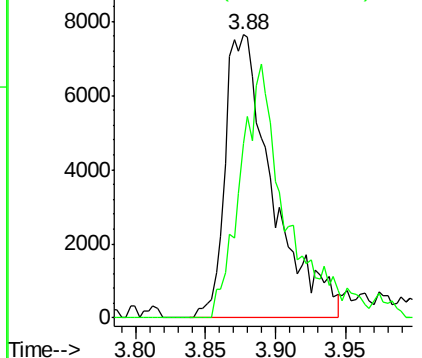
43 100

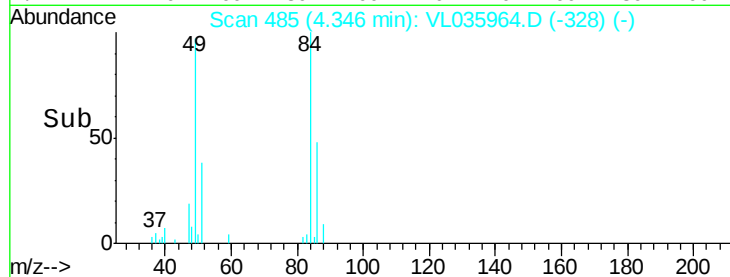
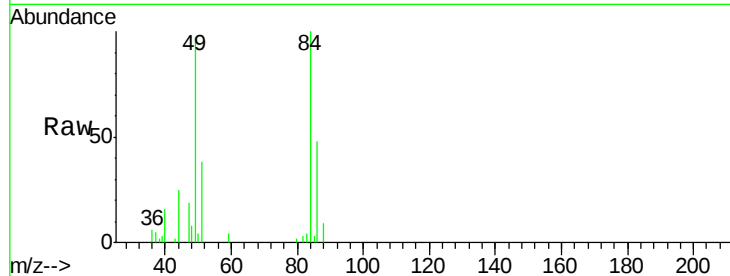
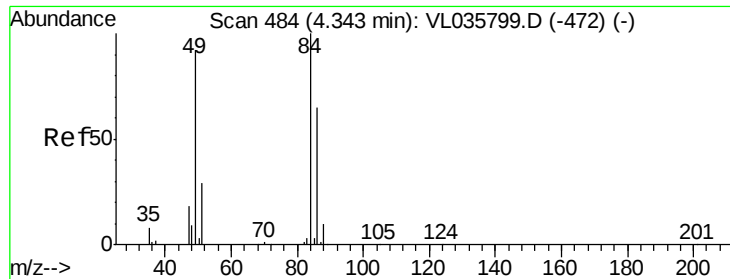
58 0.0 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





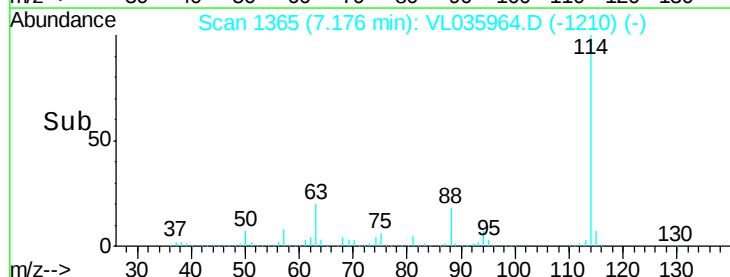
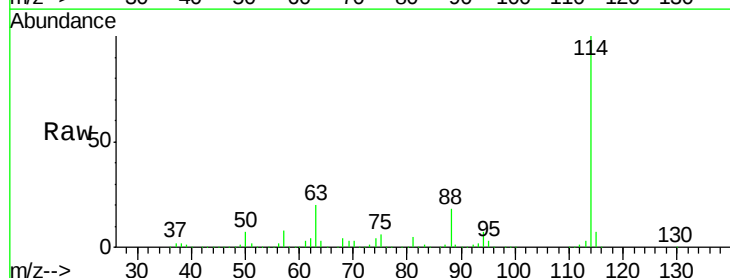
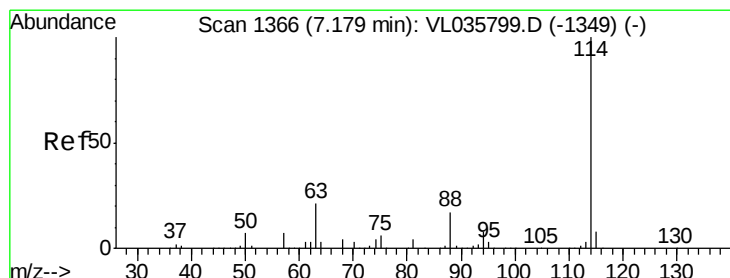
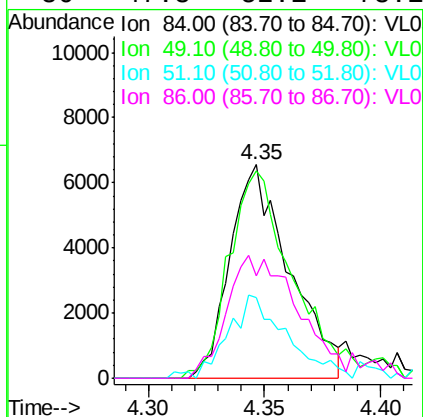
#20
Methvlene Chloride
Concen: 0.122 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL035964.D
Acq: 17 Nov 2020 4:23

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	93.8	73.8	110.8	
51	34.5	23.0	34.4#	
86	47.8	52.1	78.1#	

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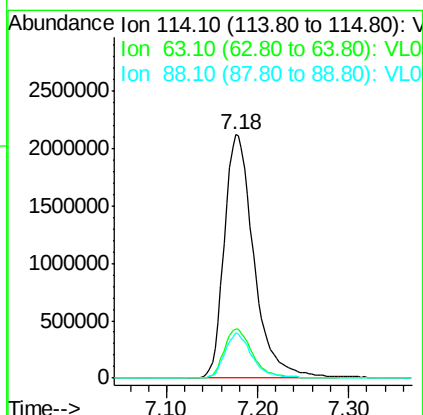
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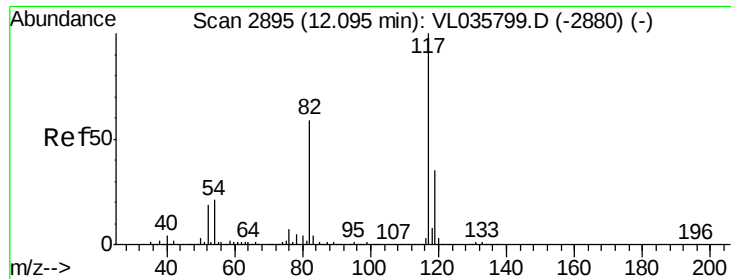
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL035964.D
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Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	19.8	16.1	24.1	
88	17.3	13.7	20.5	





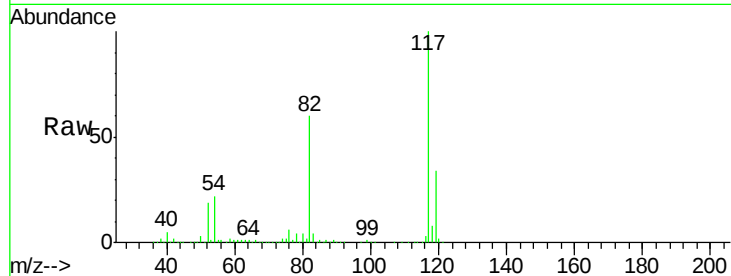
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL035964.D
Acq: 17 Nov 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

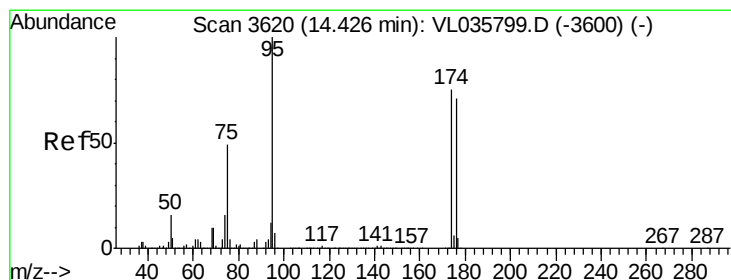
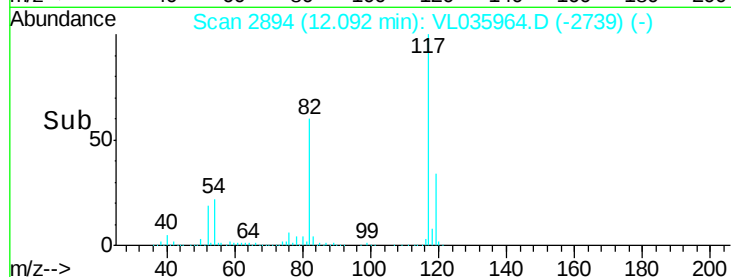
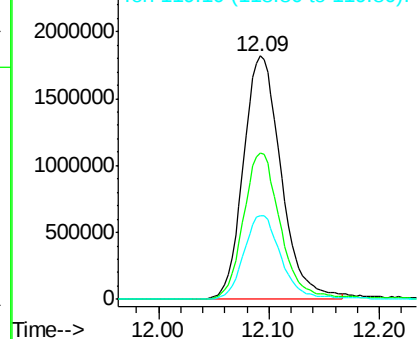
Tot Ion:117 Resp: 4323692
Ion Ratio Lower Upper
117 100
82 60.6 50.6 76.0
119 34.7 52.6 78.8#

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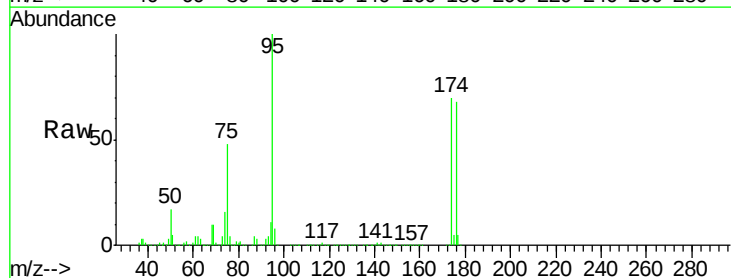


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.385 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL035964.D
Acq: 17 Nov 2020 4:23

Tgt Ion: 95 Resp: 3190060
Ion Ratio Lower Upper
95 100
174 73.7 59.8 89.6
175 5.0 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

