

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092920\
 Data File : VL035736.D
 Acq On : 29 Sep 2020 22:50
 Operator : SY/AP
 Sample : CAN 10282
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10282

Quant Time: Sep 30 04:08:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1064865	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	3852869	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.13	117	3870609	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2933237	10.11	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

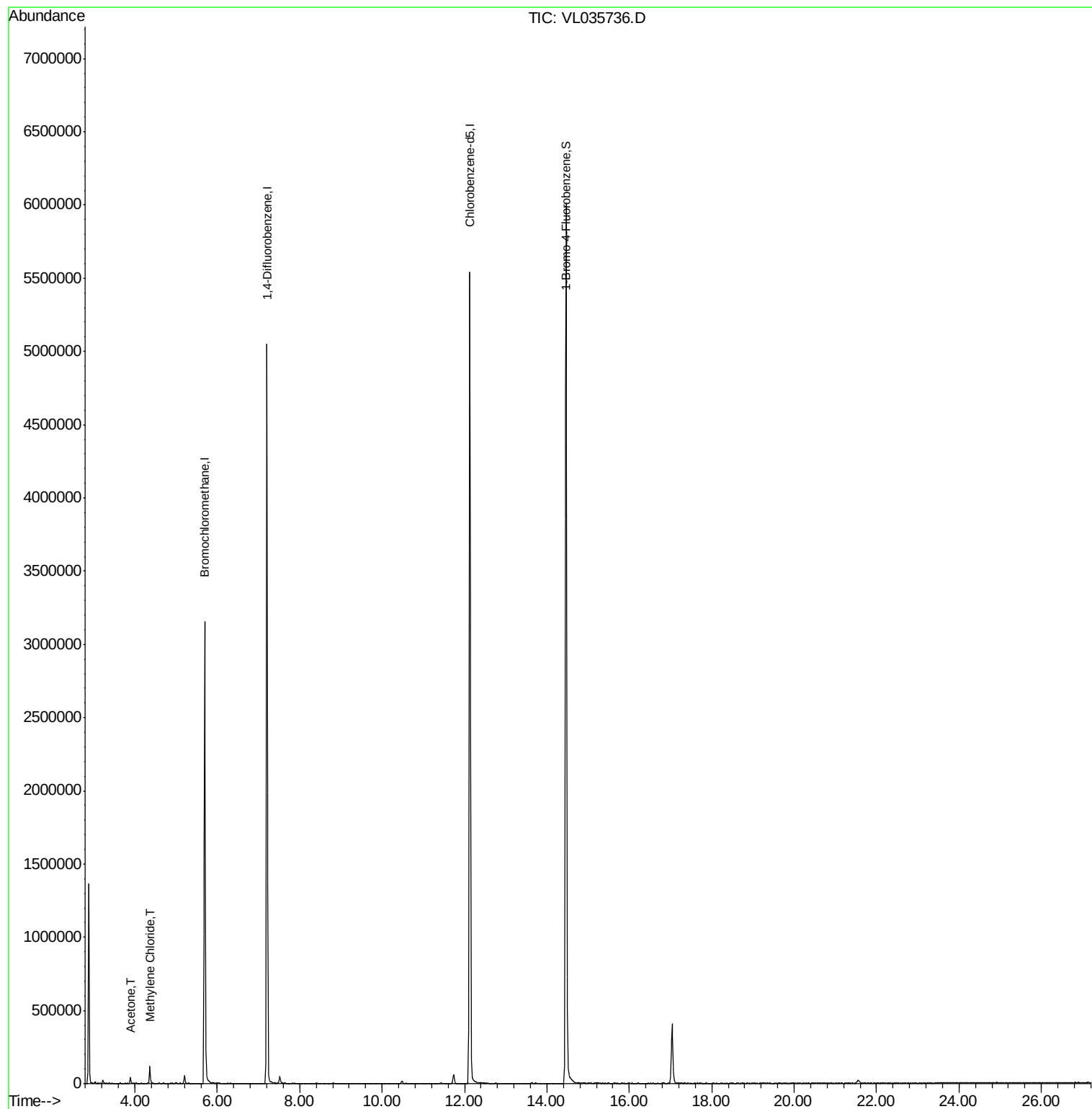
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	29516	0.258	ppbv	# 29
20) Methylene Chloride	4.36	84	51243	0.609	ppbv	97

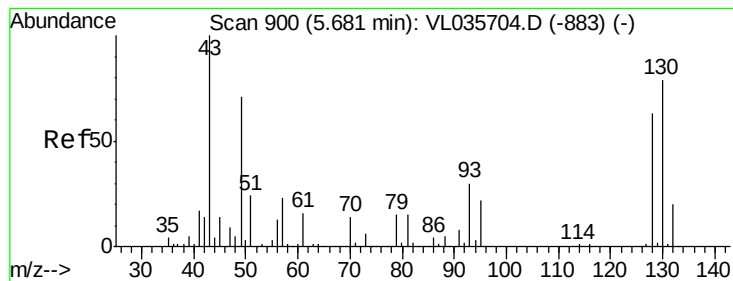
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 903

Delta R.T. 0.01 min

Lab File: VL035736.D

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Instrument :

MSVOA_L

ClientSampleId :

CAN 10282

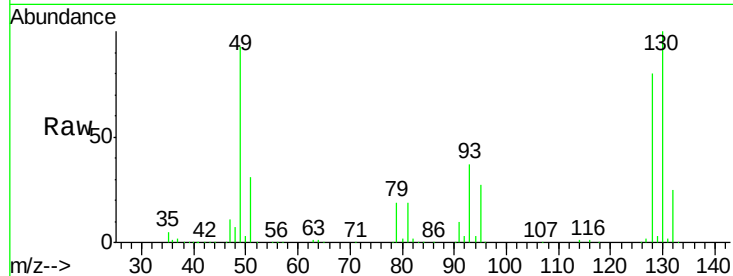
Tot Ion: 49 Resp: 1064865

Ion Ratio Lower Upper

49 100

128 84.3 43.1 129.4

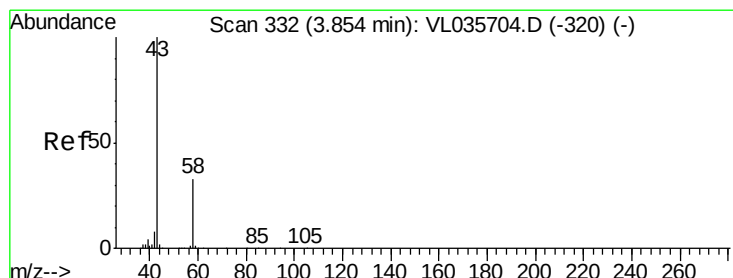
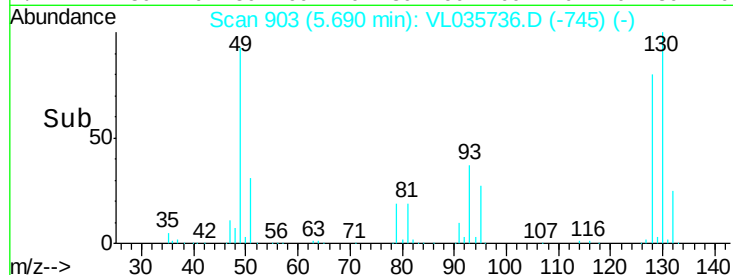
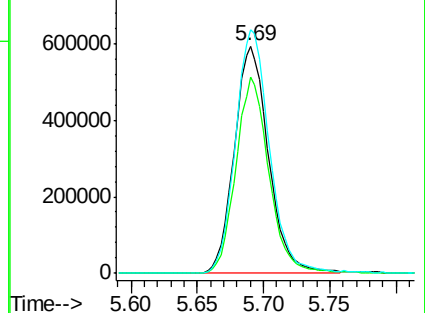
130 107.4 54.9 164.7



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: 0.258 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL035736.D

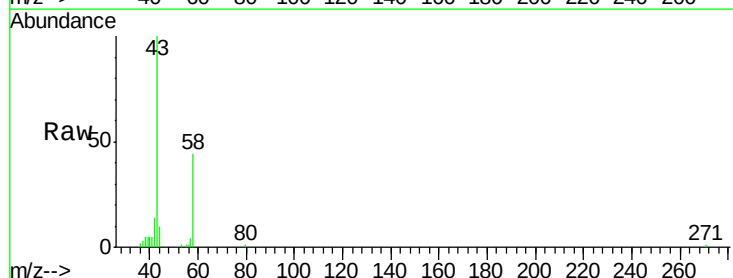
Acq: 29 Sep 2020 22:50

Tgt Ion: 43 Resp: 29516

Ion Ratio Lower Upper

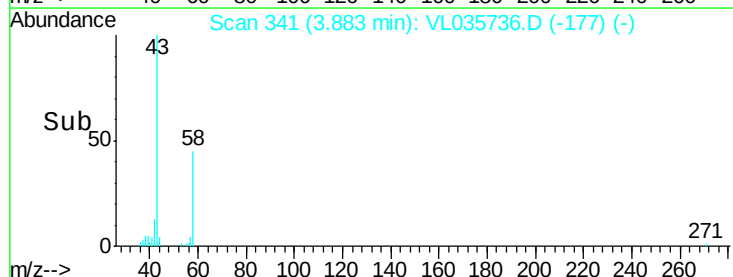
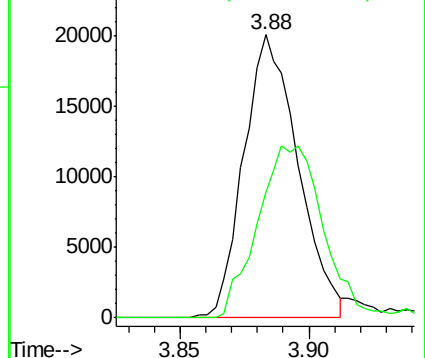
43 100

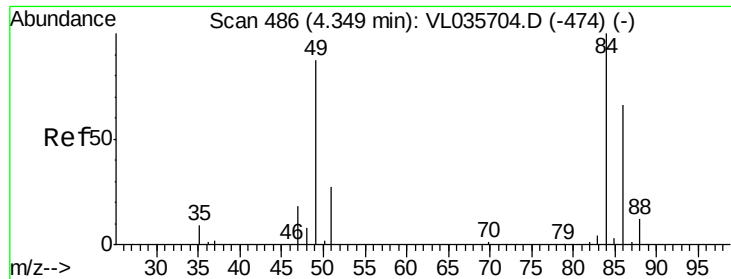
58 74.7 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

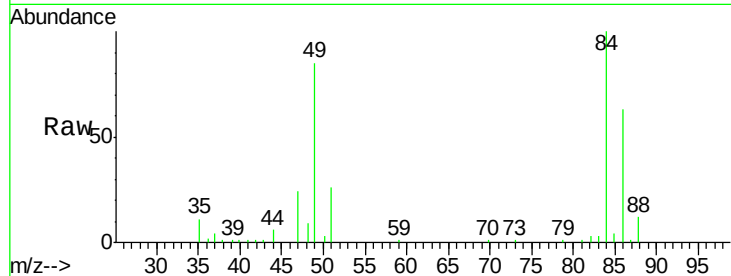




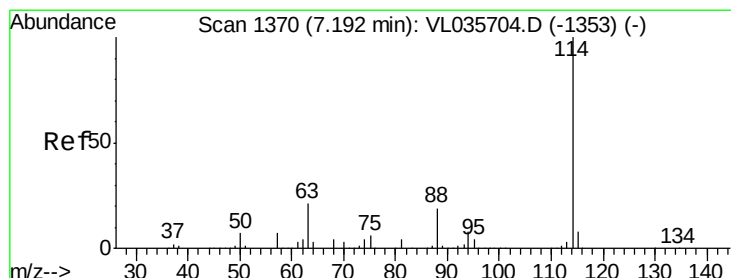
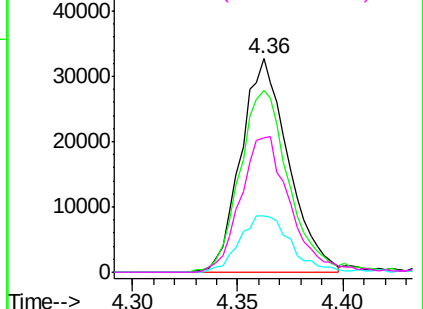
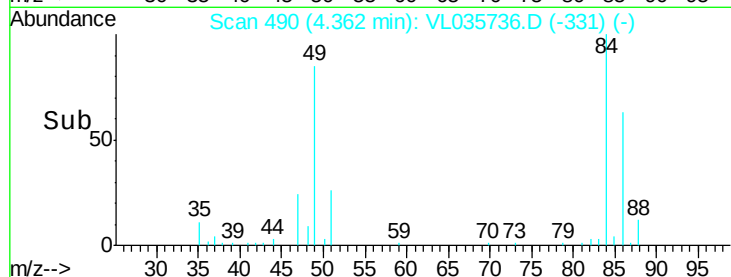
#20
Methylene Chloride
Concen: 0.609 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.01 min
Lab File: VL035736.D
Acq: 29 Sep 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
CAN 10282

Tot Ion:	84	Resp:	51243
Ion	Ratio	Lower	Upper
84	100		
49	85.0	69.8	104.6
51	26.3	21.8	32.8
86	62.9	52.6	78.8

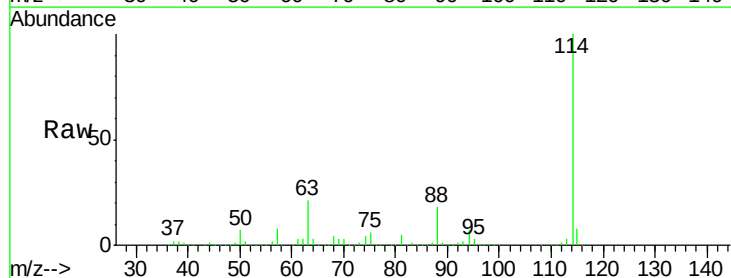


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

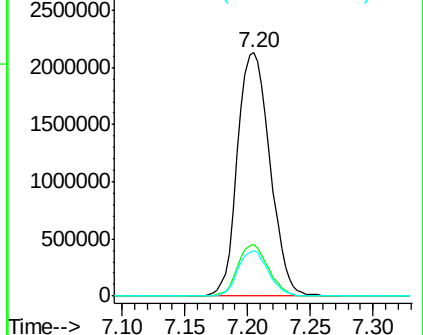
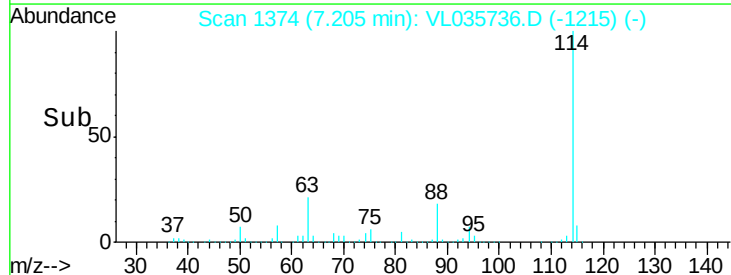


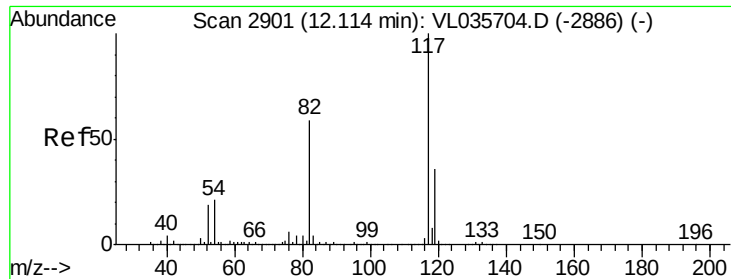
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. 0.01 min
Lab File: VL035736.D
Acq: 29 Sep 2020 22:50

Tgt Ion:	114	Resp:	3852869
Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	17.6	14.1	21.1



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

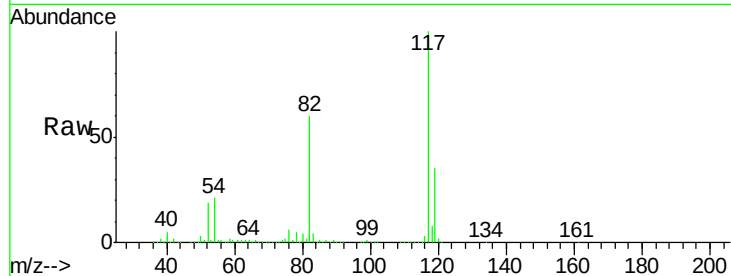




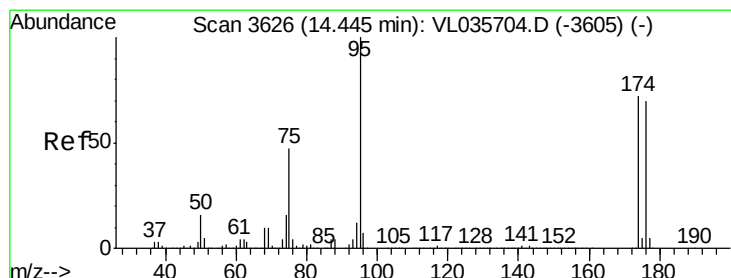
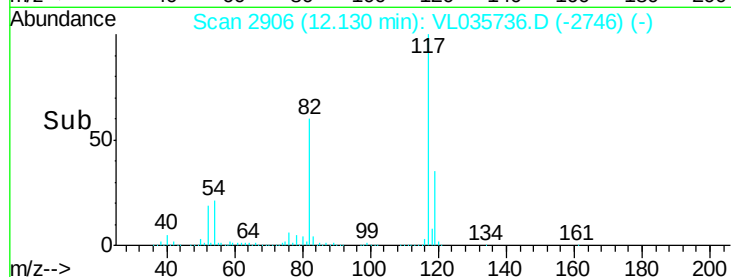
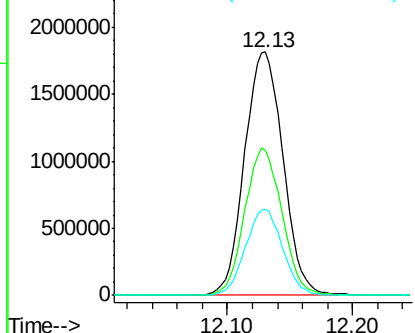
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.02 min
Lab File: VL035736.D
Acq: 29 Sep 2020 22:50

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Tot Ion:117 Resp: 3870609
Ion Ratio Lower Upper
117 100
82 59.1 46.1 69.1
119 34.2 28.0 42.0

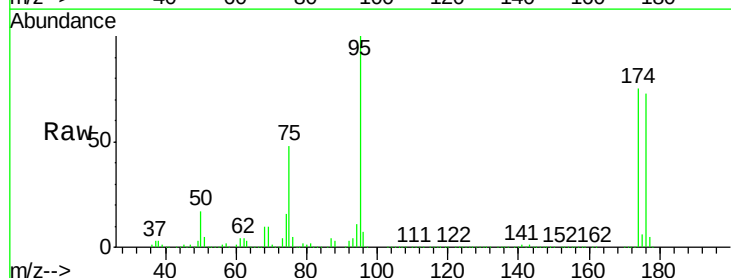


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.113 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.02 min
Lab File: VL035736.D
Acq: 29 Sep 2020 22:50

Tgt Ion: 95 Resp: 2933237
Ion Ratio Lower Upper
95 100
174 76.8 59.6 89.4
175 5.5 4.2 6.4



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

