

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030320\
 Data File : VL034759.D
 Acq On : 3 Mar 2020 11:13
 Operator : SY/AP
 Sample : VL0303ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0303ABL01

Quant Time: Mar 04 06:03:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 01:15:02 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1117976	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2313313	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2319291	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1922177	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

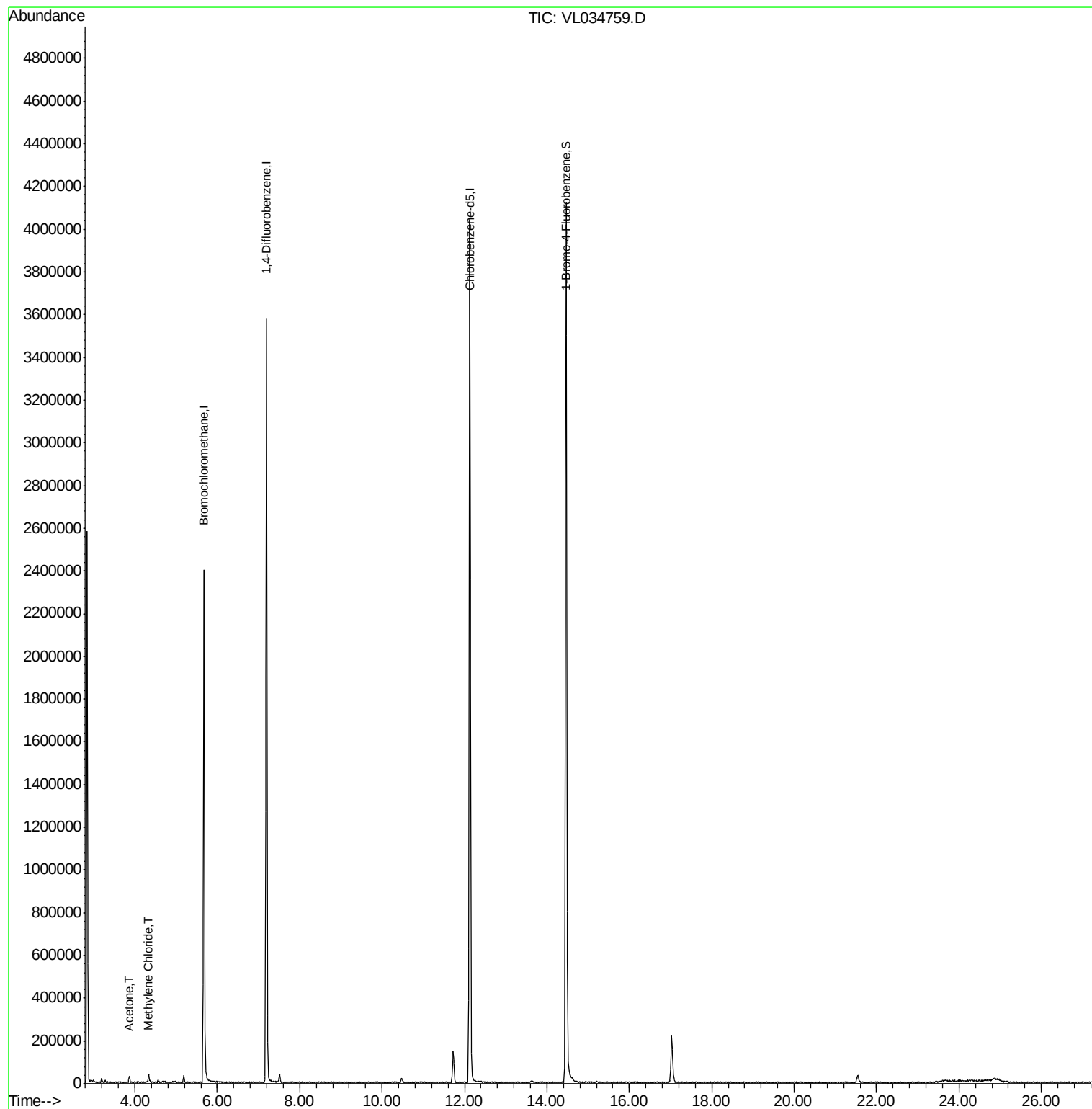
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	27439	0.215	ppbv #	60
20) Methylene Chloride	4.33	84	12045	0.254	ppbv #	84

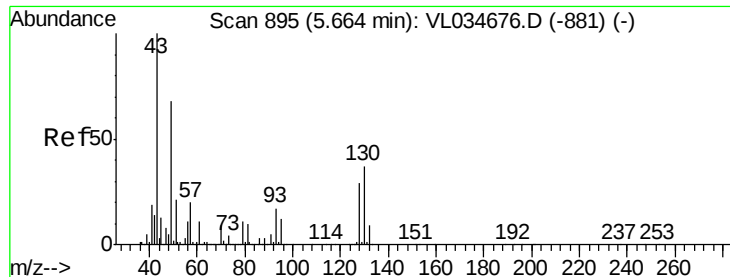
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL034759.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0303ABL01

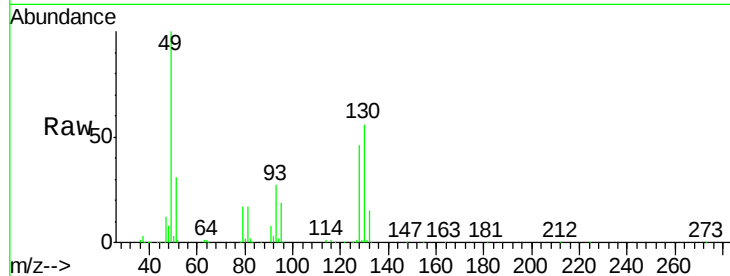
Tot Ion: 49 Resp: 1117976

Ion Ratio Lower Upper

49 100

128 44.8 21.6 65.0

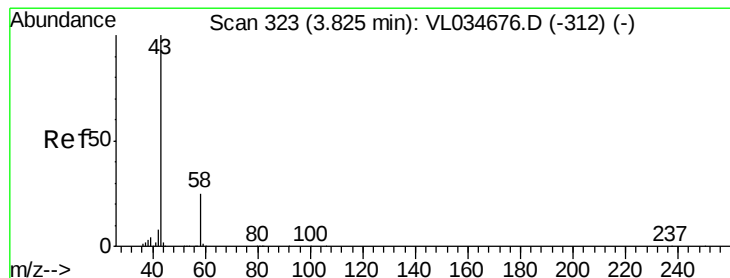
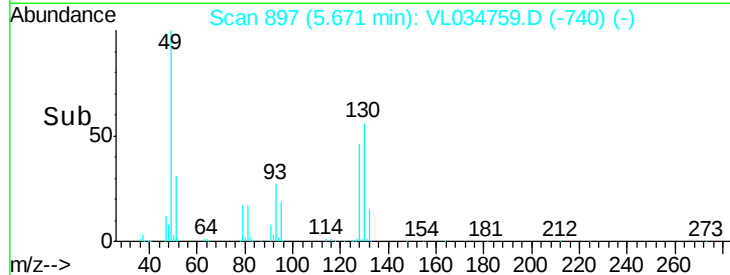
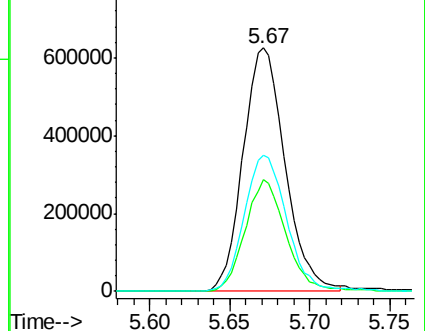
130 57.4 27.7 83.1



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: 0.215 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.03 min

Lab File: VL034759.D

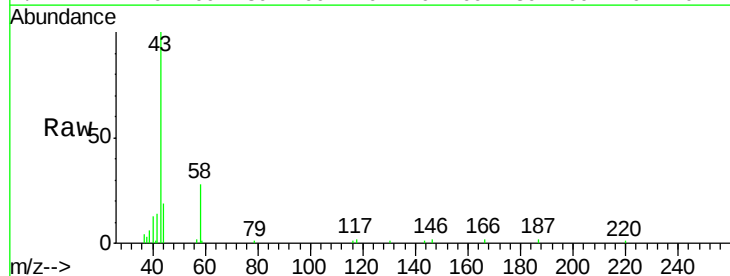
Acq: 3 Mar 2020 11:13

Tgt Ion: 43 Resp: 27439

Ion Ratio Lower Upper

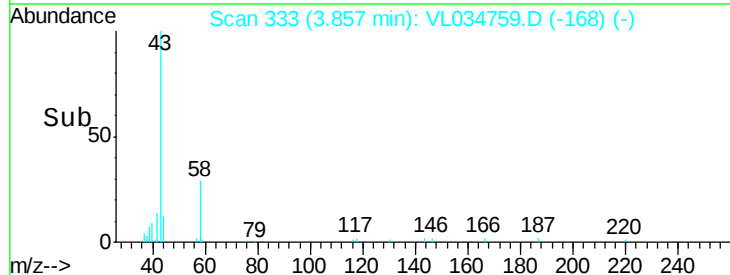
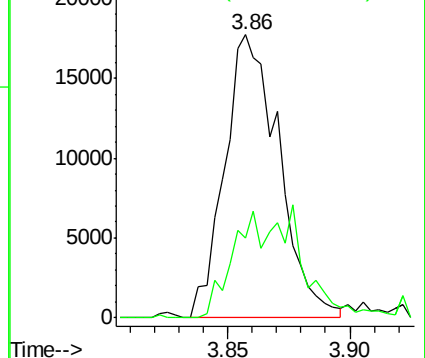
43 100

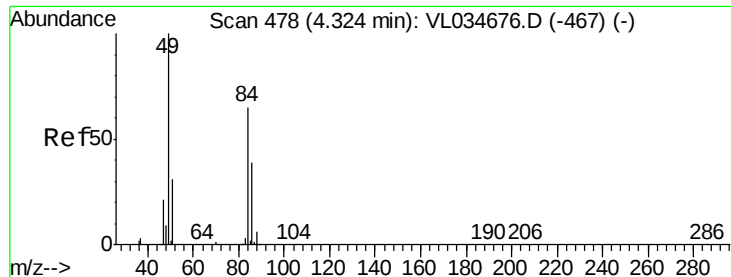
58 47.5 21.4 32.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

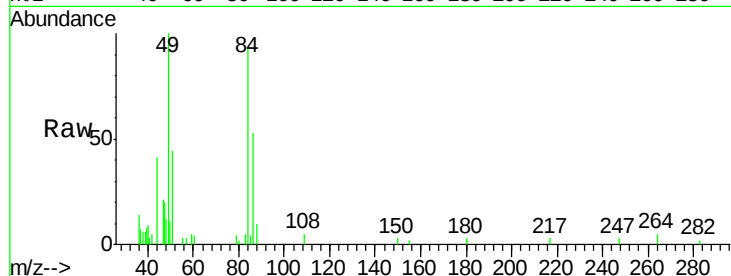




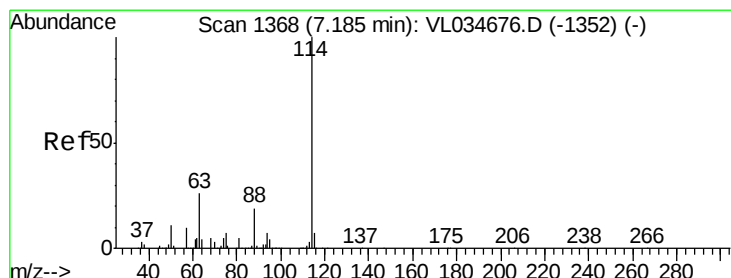
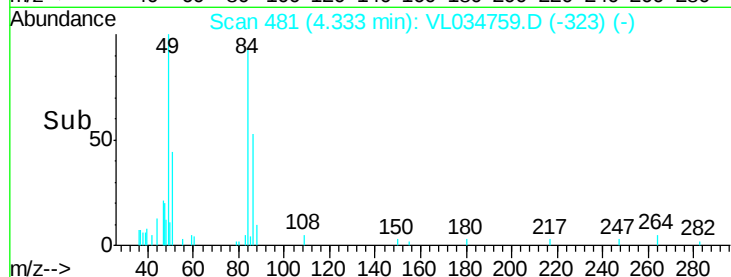
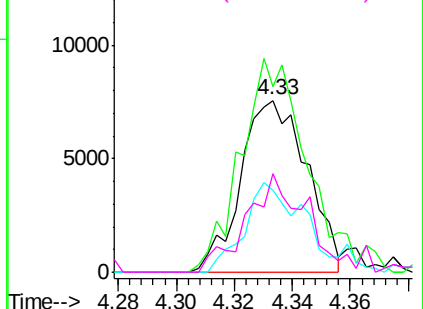
#20
Methylene Chloride
Concen: 0.254 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL034759.D
Acq: 3 Mar 2020 11:13

Instrument :
MSVOA_L
ClientSampleId :
VL0303ABL01

Tot Ion: 84 Resp: 12045
Ion Ratio Lower Upper
84 100
49 119.7 122.8 184.2#
51 47.9 38.6 58.0
86 57.5 47.7 71.5

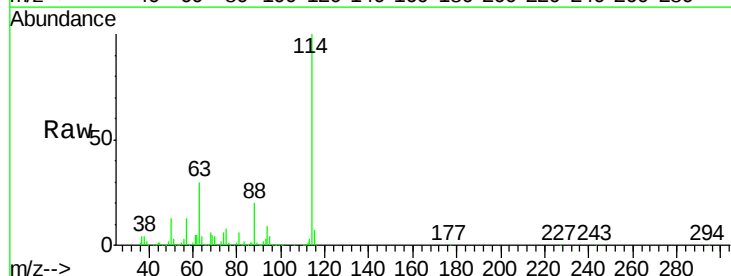


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

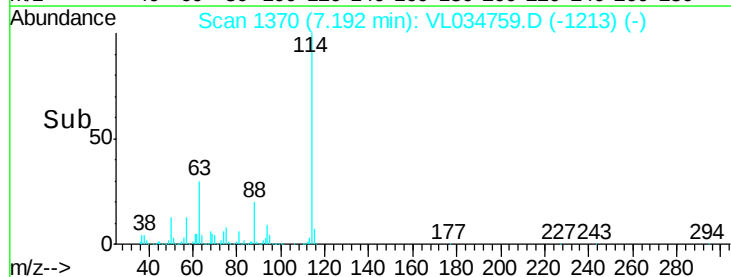
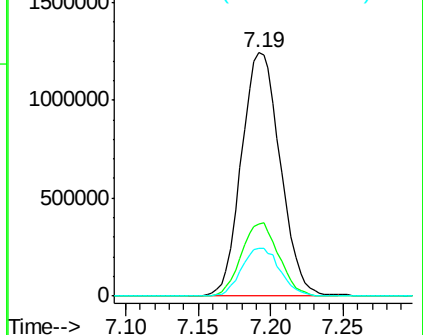


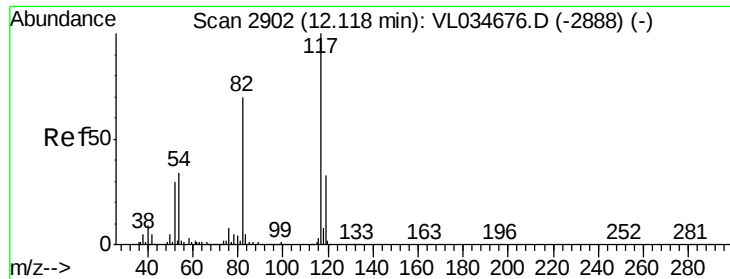
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VL034759.D
Acq: 3 Mar 2020 11:13

Tgt Ion: 114 Resp: 2313313
Ion Ratio Lower Upper
114 100
63 29.3 22.9 34.3
88 19.7 15.8 23.6



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# 2905

Delta R.T. 0.01 min

Lab File: VL034759.D

Acq: 3 Mar 2020 11:13

Instrument :

MSVOA_L

ClientSampleId :

VL0303ABL01

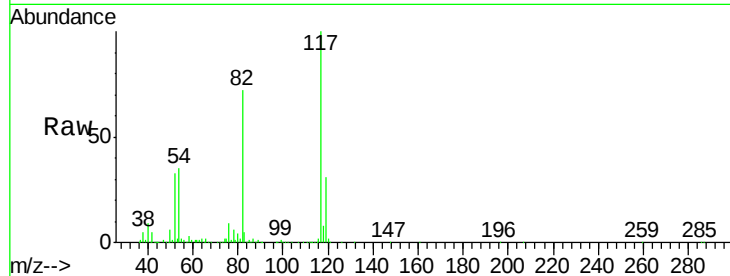
Tot Ion:117 Resp: 2319291

Ion Ratio Lower Upper

117 100

82 71.0 54.1 81.1

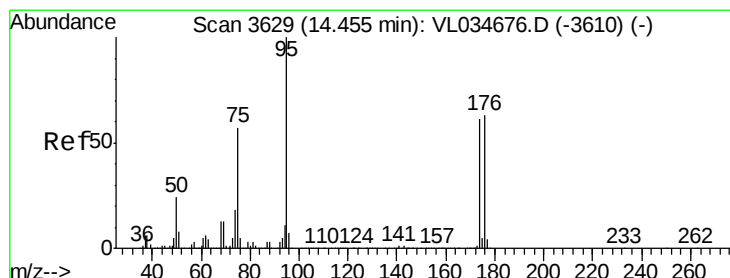
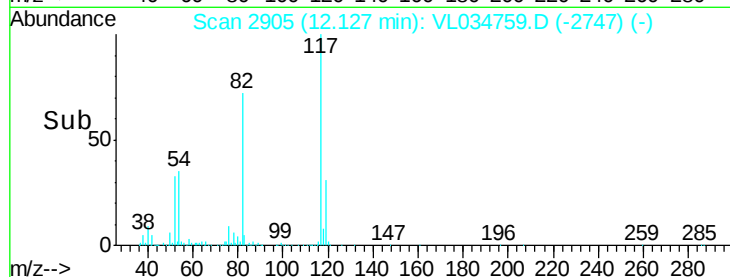
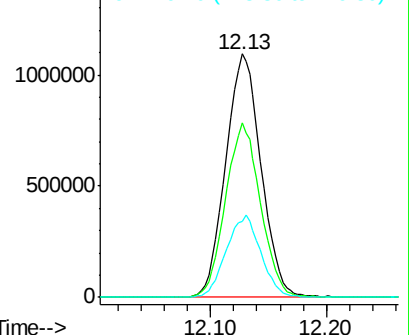
119 33.2 27.6 41.4



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: 10.107 ppbv

RT: 14.46 min Scan# 3632

Delta R.T. 0.01 min

Lab File: VL034759.D

Acq: 3 Mar 2020 11:13

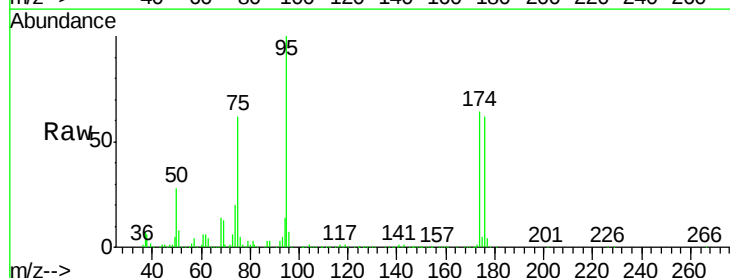
Tgt Ion: 95 Resp: 1922177

Ion Ratio Lower Upper

95 100

174 63.3 50.7 76.1

175 4.6 3.9 5.9



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

