

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033926.D
 Acq On : 14 Jun 2019 11:01
 Operator : SY/AP
 Sample : K3357-02DL2 80X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612DL2

Quant Time: Jun 14 11:35:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	949555	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	2203534	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2245530	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1644942	8.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.20%

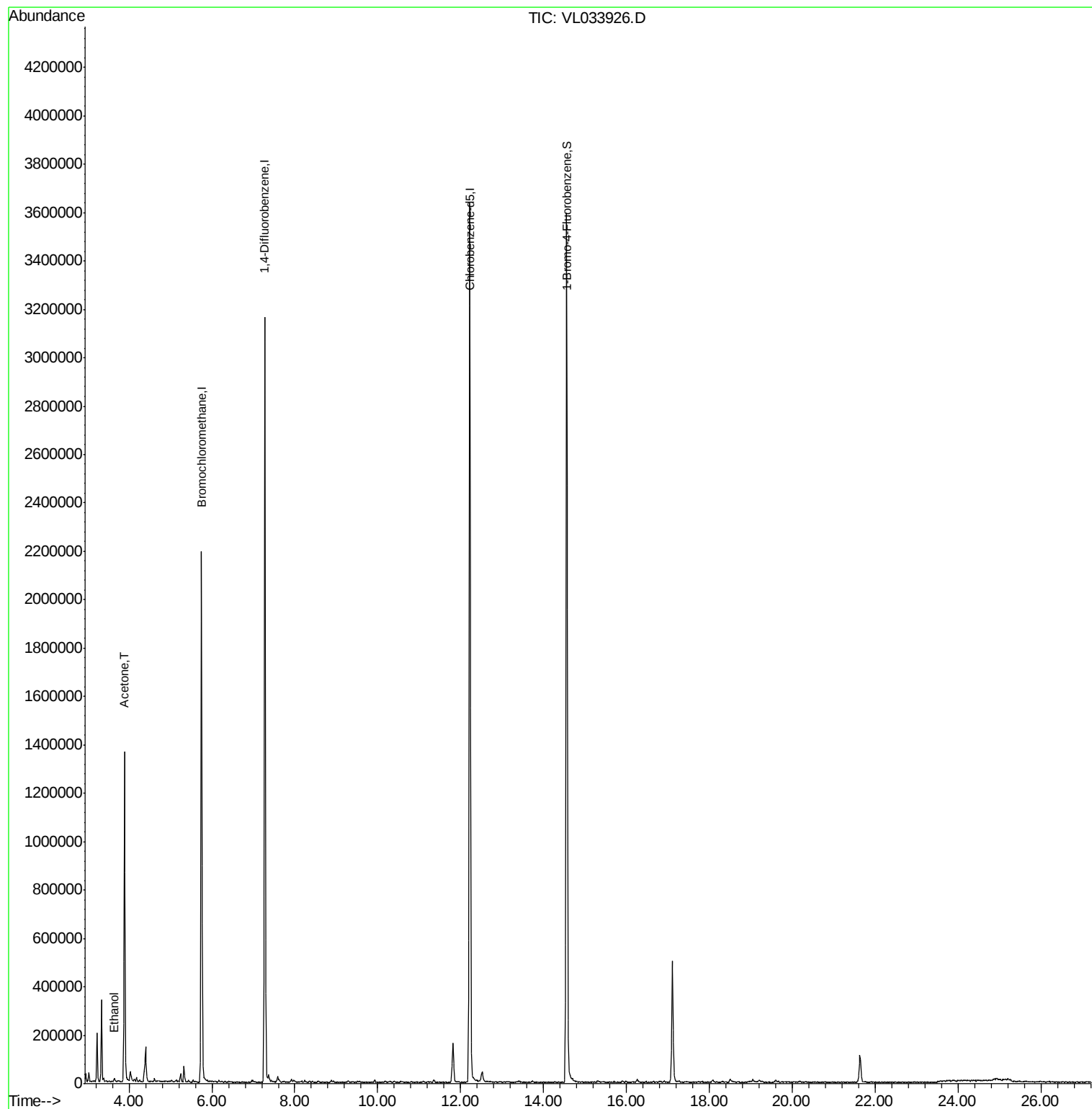
Target Compounds					Ovalue
13) Ethanol	3.65	45	14608	1.073	ppbv 96
15) Acetone	3.89	43	1337286	9.656	ppbv 97

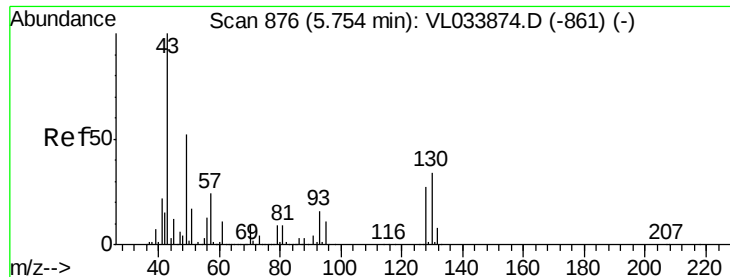
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.74 min Scan# 873

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

SG-3R-20190612DL2

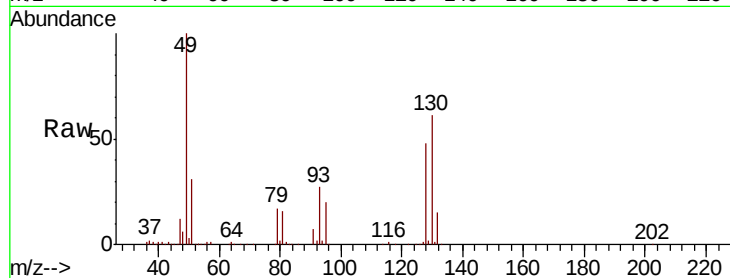
Tot Ion: 49 Resp: 949555

Ion Ratio Lower Upper

49 100

128 49.5 25.5 76.5

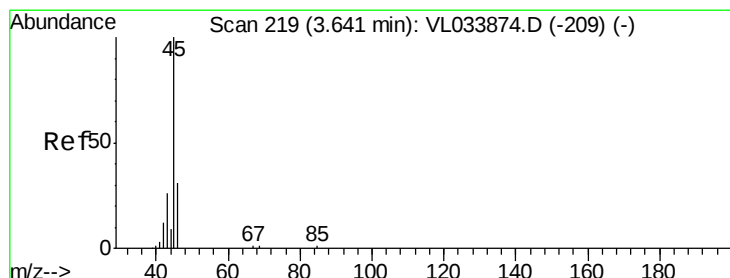
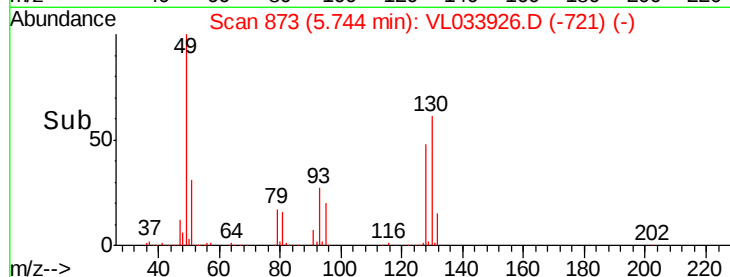
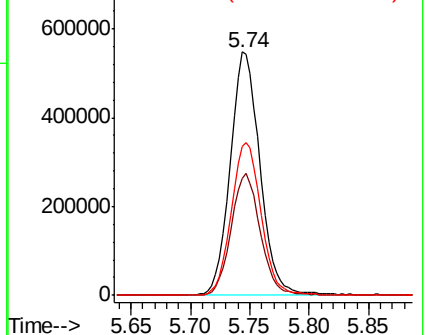
130 63.9 32.5 97.4



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



#13

Ethanol

Concen: 1.073 ppbv

RT: 3.65 min Scan# 222

Delta R.T. 0.01 min

Lab File: VL033926.D

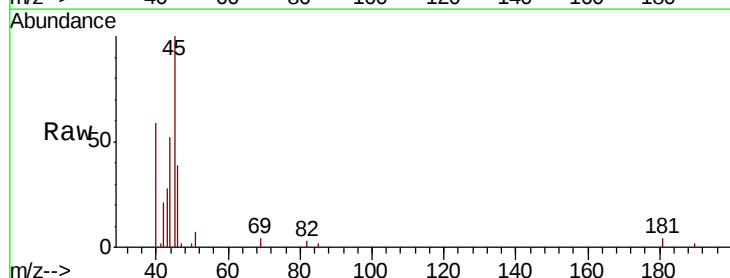
Acq: 14 Jun 2019 11:01

Tgt Ion: 45 Resp: 14608

Ion Ratio Lower Upper

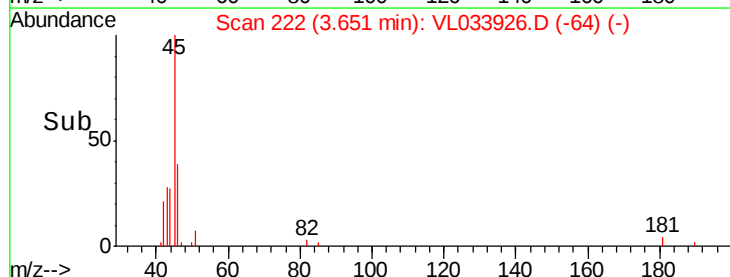
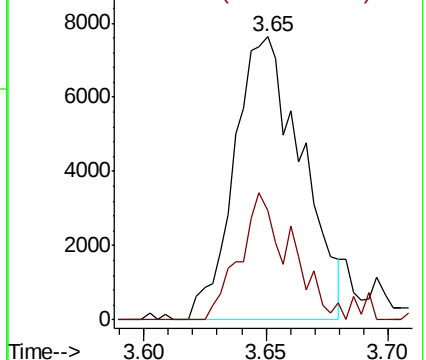
45 100

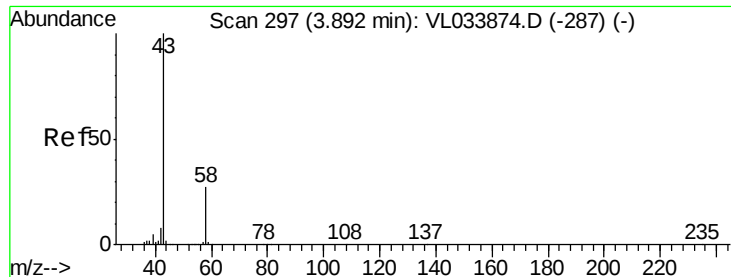
46 36.0 15.3 61.1



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 9.656 ppbv

RT: 3.89 min Scan# 296

Delta R.T. -0.00 min

Lab File: VL033926.D

Acq: 14 Jun 2019 11:01

Instrument :

MSVOA_L

ClientSampleId :

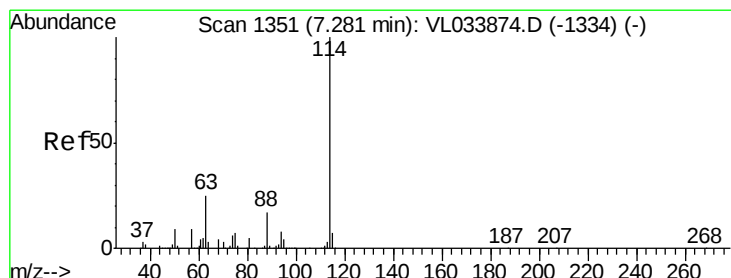
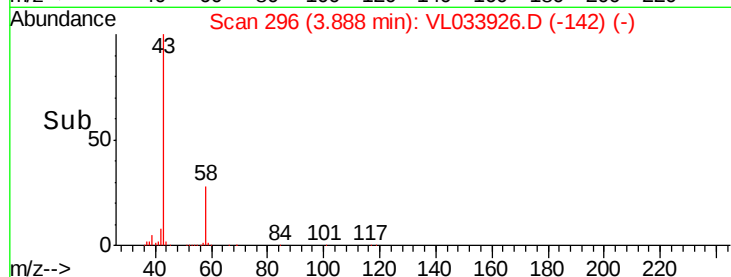
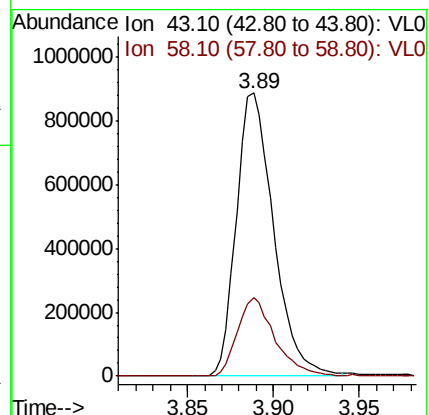
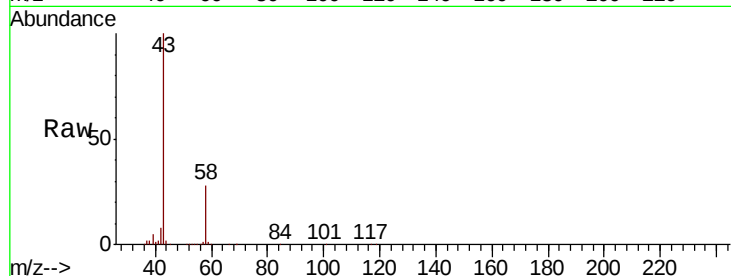
SG-3R-20190612DL2

Tot Ion: 43 Resp: 1337286

Ion Ratio Lower Upper

43 100

58 28.4 21.3 31.9



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.27 min Scan# 1349

Delta R.T. -0.01 min

Lab File: VL033926.D

Acq: 14 Jun 2019 11:01

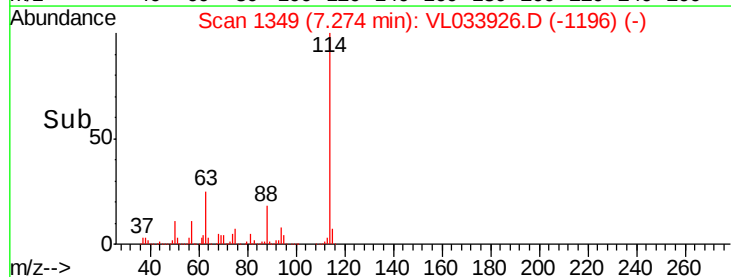
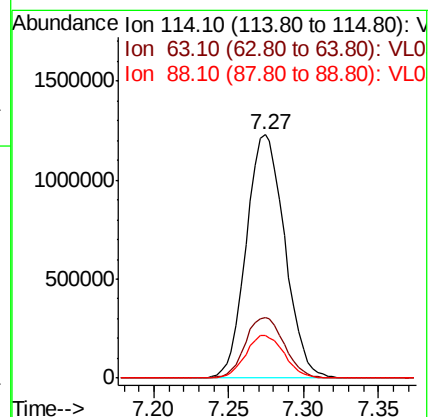
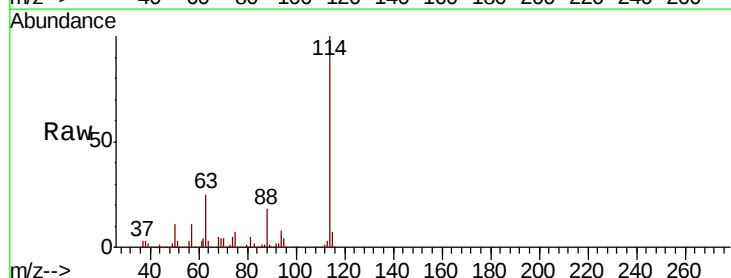
Tgt Ion: 114 Resp: 2203534

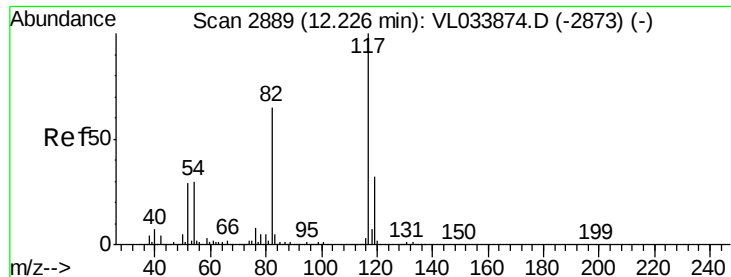
Ion Ratio Lower Upper

114 100

63 25.4 21.1 31.7

88 17.7 14.2 21.4

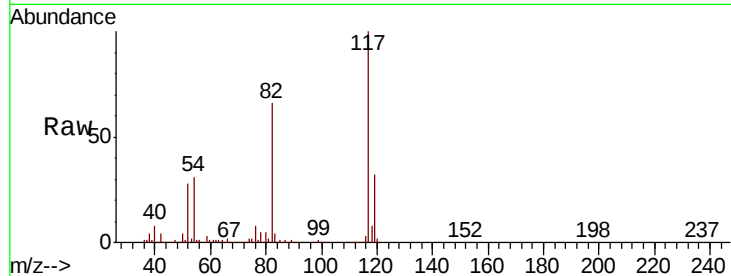




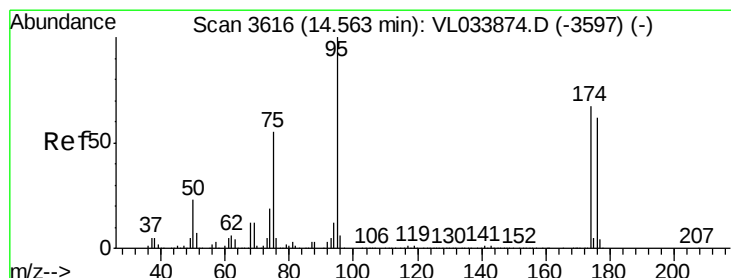
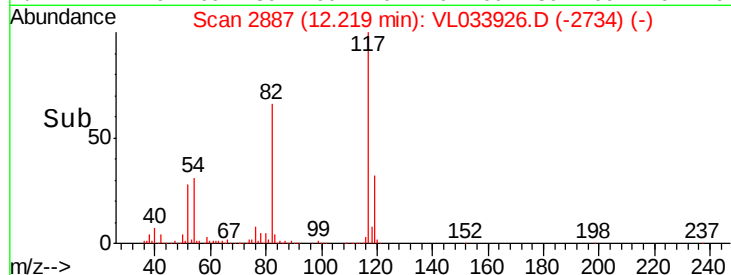
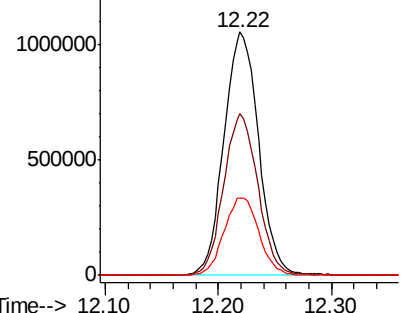
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2887
Delta R.T. -0.01 min
Lab File: VL033926.D
Acq: 14 Jun 2019 11:01

Instrument :
MSVOA_L
ClientSampleId :
SG-3R-20190612DL2

Tot Ion:117 Resp: 2245530
Ion Ratio Lower Upper
117 100
82 66.0 50.2 75.2
119 32.4 24.8 37.2

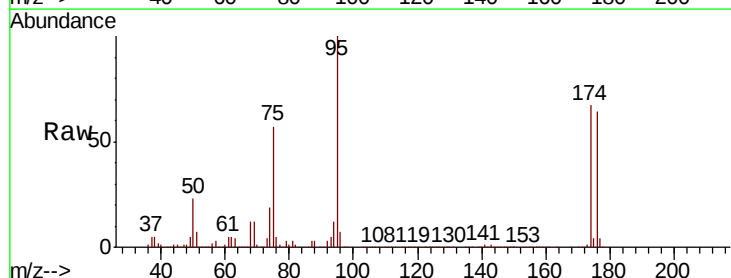


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 8.918 ppbv
RT: 14.56 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL033926.D
Acq: 14 Jun 2019 11:01

Tgt Ion: 95 Resp: 1644942
Ion Ratio Lower Upper
95 100
174 67.3 54.0 81.0
175 4.8 3.8 5.8



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

