

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
 Data File : VL032040.D
 Acq On : 2 Jun 2018 3:32
 Operator : SY/AP
 Sample : J3225-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 3:35:56 PM

Quant Time: Jun 02 04:10:08 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 01 02:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.86	49	1175784	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.40	114	2250219	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.36	117	2206820	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.70	95	1716356	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.74	45	80264m	5.69	ppbv	
15) Acetone	3.99	43	457534	3.23	ppbv	94

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

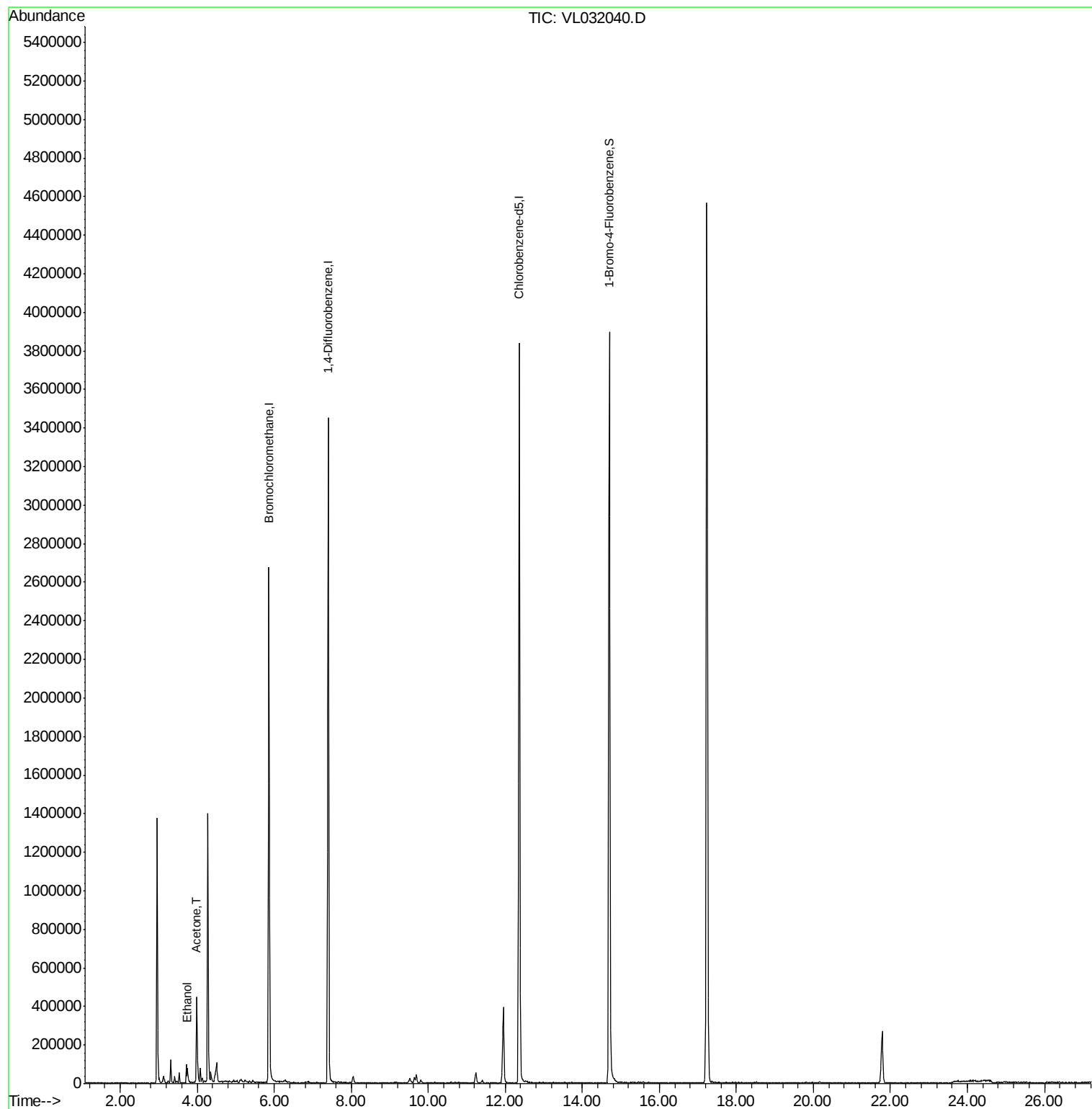
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
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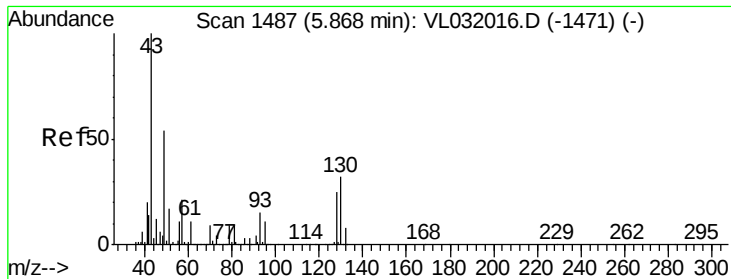
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Jun 02 04:10:08 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.86 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VL032040.D

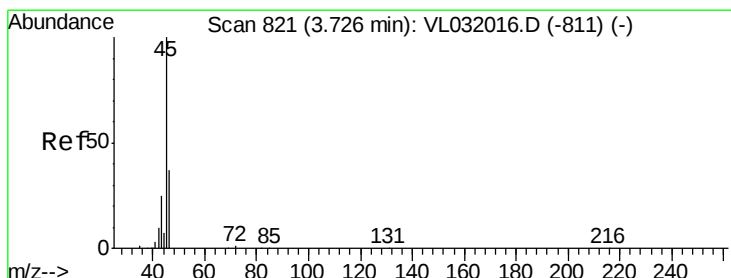
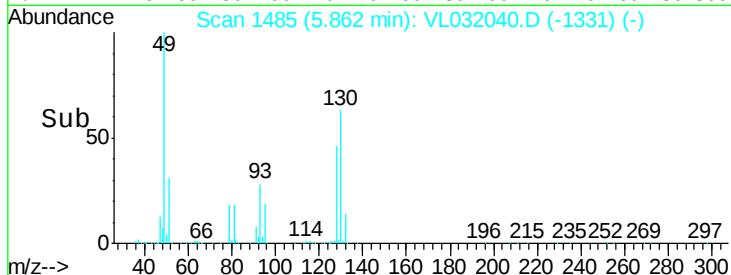
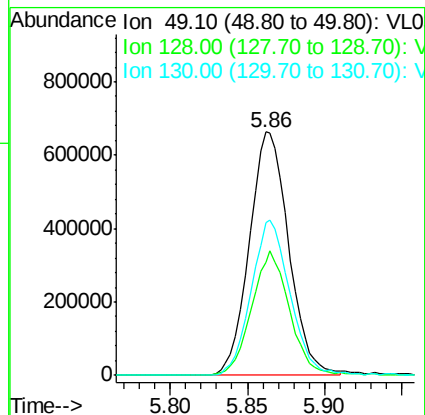
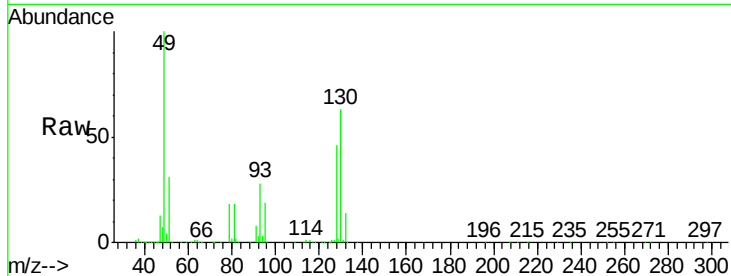
Acq: 2 Jun 2018 3:32

Instrument :
MSVOA_L
ClientSampled :
IA1DL

Tot Ion: 49 Resp: 1175784
Ion Ratio Lower Upper
49 100
128 49.5 24.1 72.3
130 63.1 30.9 92.8

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#13

Ethanol

Concen: 5.69 ppbv m

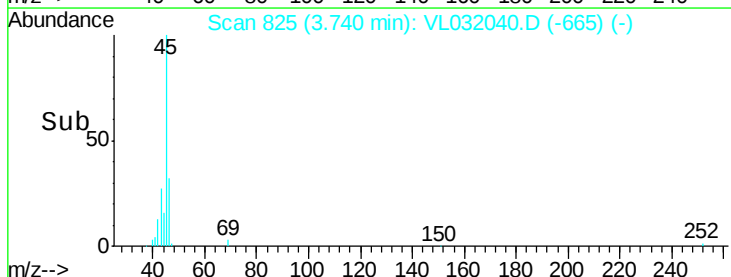
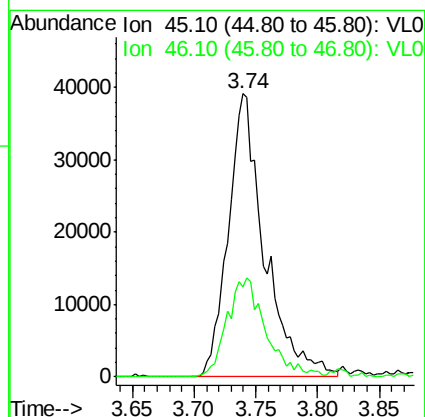
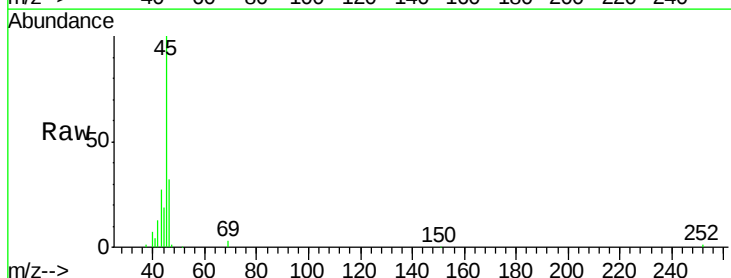
RT: 3.74 min Scan# 825

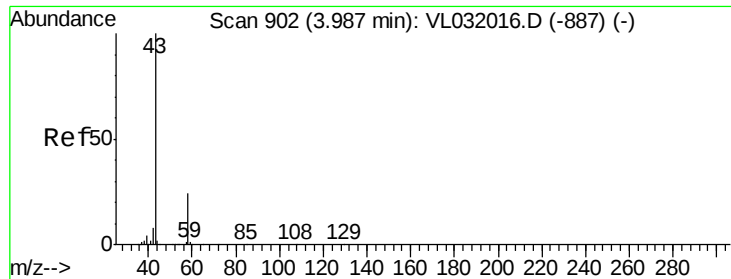
Delta R.T. 0.01 min

Lab File: VL032040.D

Acq: 2 Jun 2018 3:32

Tgt Ion: 45 Resp: 80264
Ion Ratio Lower Upper
45 100
46 36.3 14.9 59.5





#15

Acetone

Concen: 3.23 ppbv

RT: 3.99 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL032040.D

Acq: 2 Jun 2018 3:32

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tot Ion: 43 Resp: 457534

Ion Ratio Lower Upper

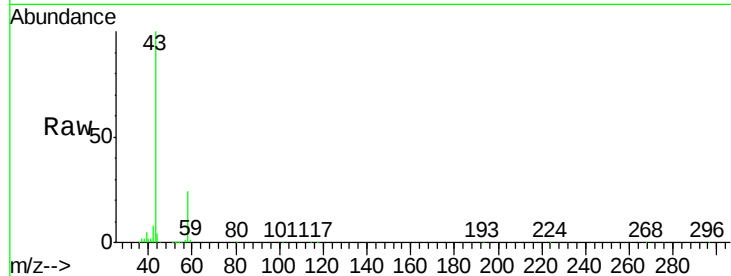
43 100

58 28.9 20.7 31.1

Manual Integrations
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.99

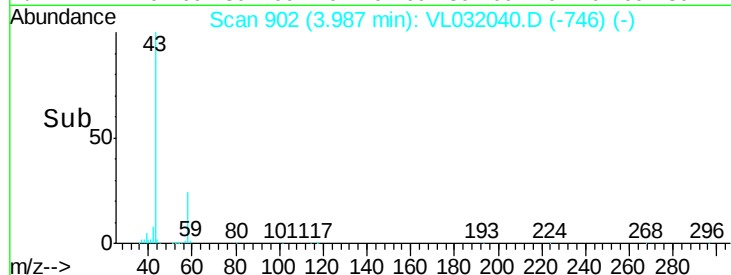
300000

200000

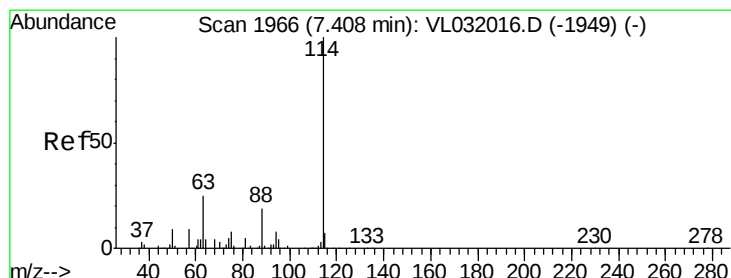
100000

0

Time-->



Time-->



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.40 min Scan# 1964

Delta R.T. -0.01 min

Lab File: VL032040.D

Acq: 2 Jun 2018 3:32

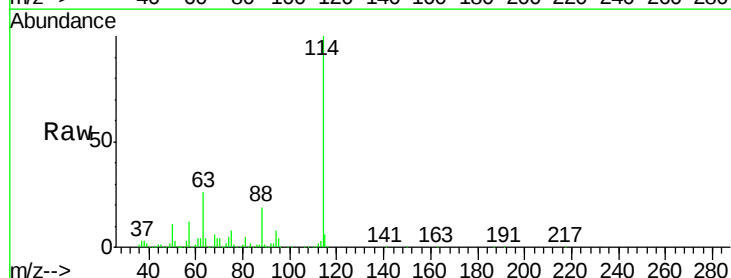
Tgt Ion: 114 Resp: 2250219

Ion Ratio Lower Upper

114 100

63 27.7 21.1 31.7

88 18.8 14.8 22.2



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

7.40

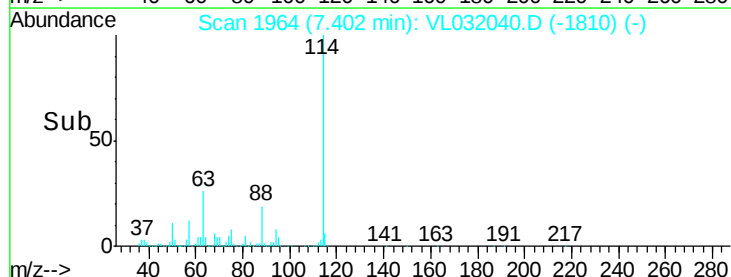
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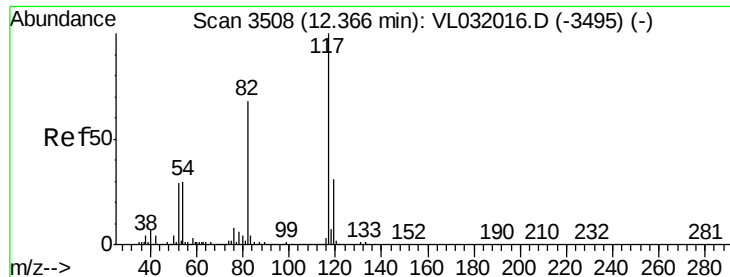
1000000

500000

0

Time-->





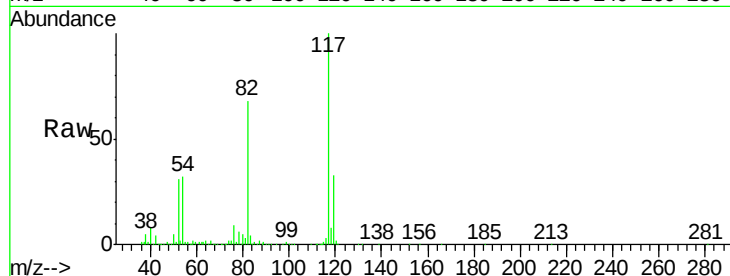
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.36 min Scan# 3507
Delta R.T. -0.00 min
Lab File: VL032040.D
Acq: 2 Jun 2018 3:32

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

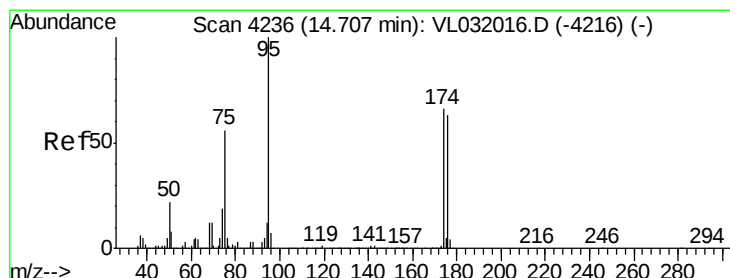
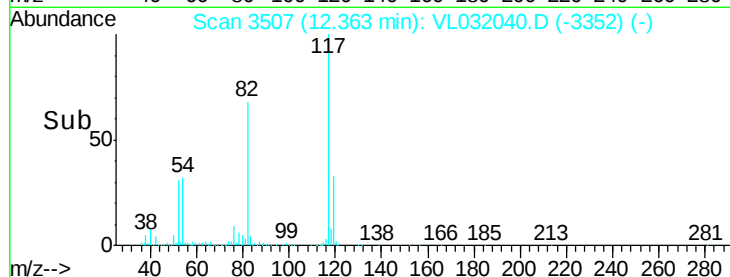
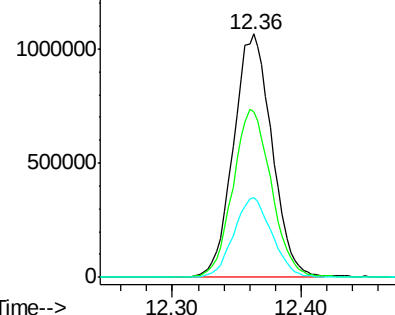
Tot Ion	Ratio	Lower	Upper
117	100		
82	69.6	52.7	79.1
119	33.0	25.5	38.3

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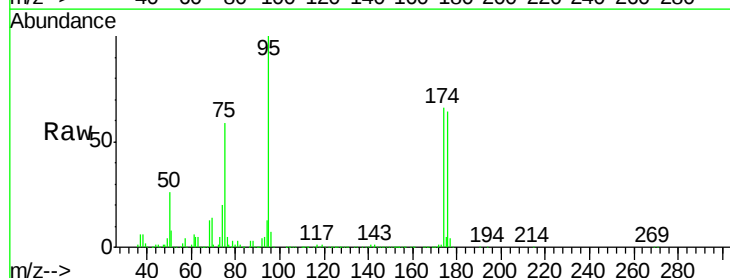


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.07 ppbv
RT: 14.70 min Scan# 4233
Delta R.T. -0.01 min
Lab File: VL032040.D
Acq: 2 Jun 2018 3:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.8	53.2	79.8
175	4.8	3.7	5.5



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

