

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112018\
 Data File : VL032793.D
 Acq On : 21 Nov 2018 00:36
 Operator : SY/AP
 Sample : J5998-05DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-104DL

Manual Integrations
 APPROVED

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 11/26/2018 9:18:52 AM

Quant Time: Nov 21 06:07:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1326596	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3335101	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3023872	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2283543	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%
Target Compounds						
13) Ethanol	3.67	45	63080m	4.576	ppbv	Ovalue
15) Acetone	3.92	43	43115	0.356	ppbv	93

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

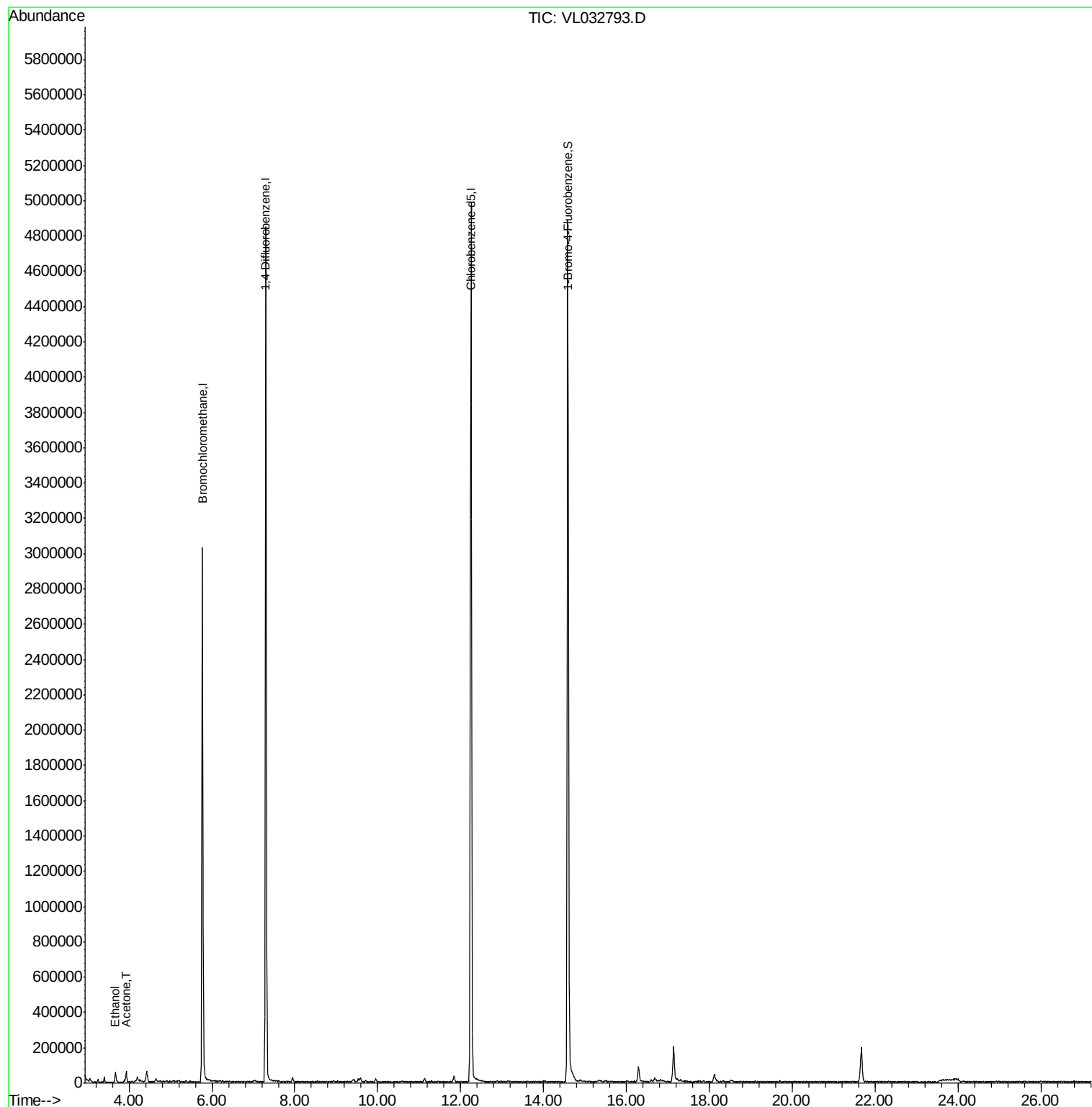
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112018\
Data File : VL032793.D
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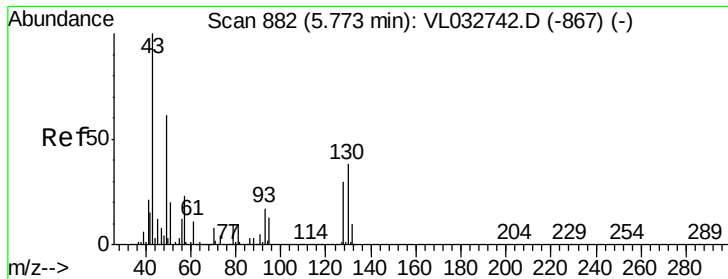
Instrument :
MSVOA_L
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EP-104DL

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Quant Time: Nov 21 06:07:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.00 min

Lab File: VL032793.D

Acq: 21 Nov 2018 00:36

Instrument :

MSVOA_L

ClientSampleID :

EP-104DL

Tot Ion: 49 Resp: 1326596

Ion Ratio Lower Upper

49 100

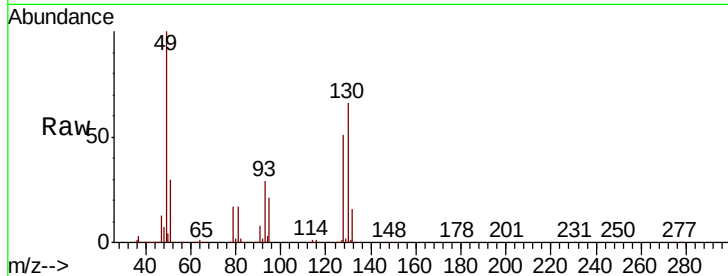
128 53.1 24.9 74.6

130 67.7 31.4 94.2

Manual Integrations
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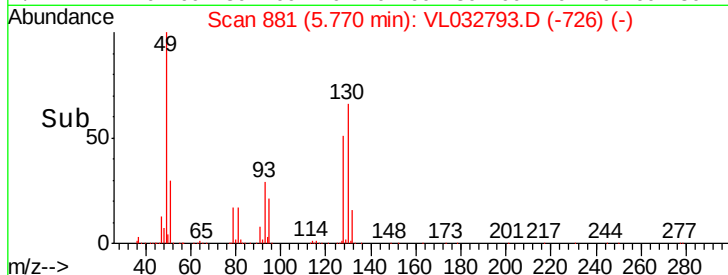


Abundance Ion 49.10 (48.80 to 49.80): VL0

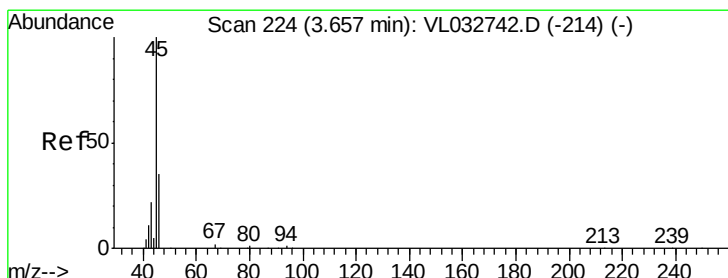
Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



Time-->



#13

Ethanol

Concen: 4.576 ppbv m

RT: 3.67 min Scan# 227

Delta R.T. 0.01 min

Lab File: VL032793.D

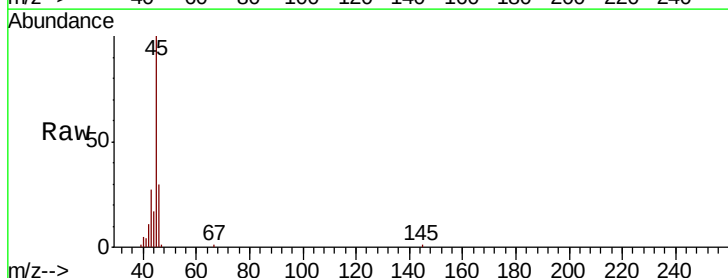
Acq: 21 Nov 2018 00:36

Tgt Ion: 45 Resp: 63080

Ion Ratio Lower Upper

45 100

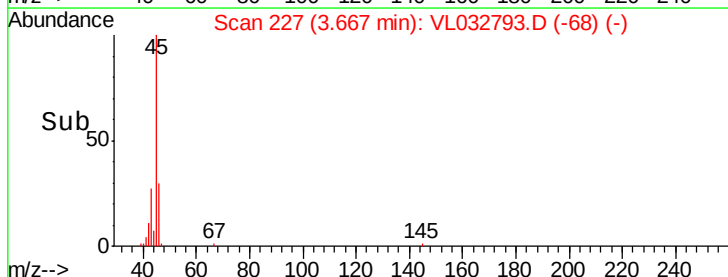
46 0.0 14.5 57.9#



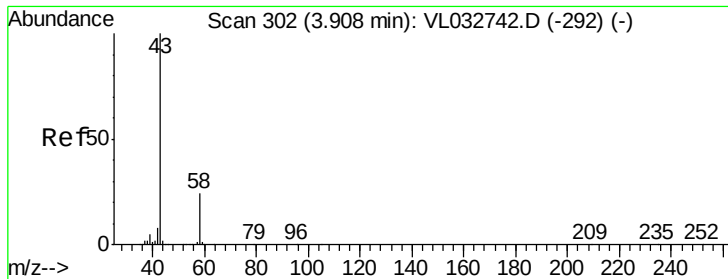
Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

Time-->



Time-->



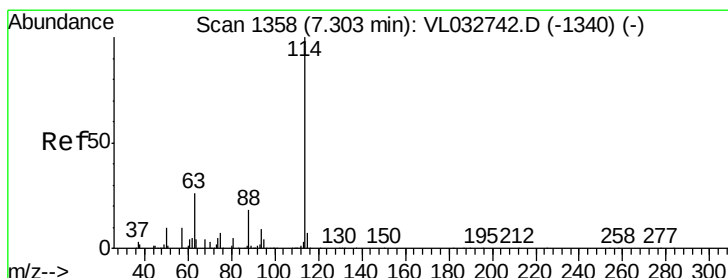
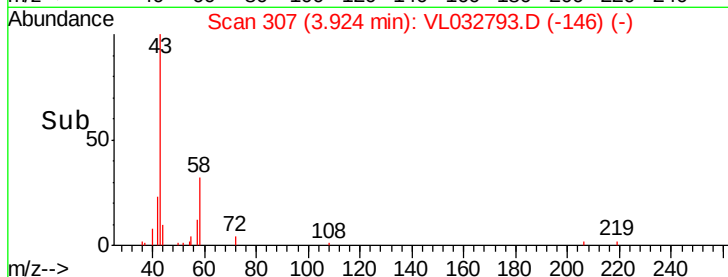
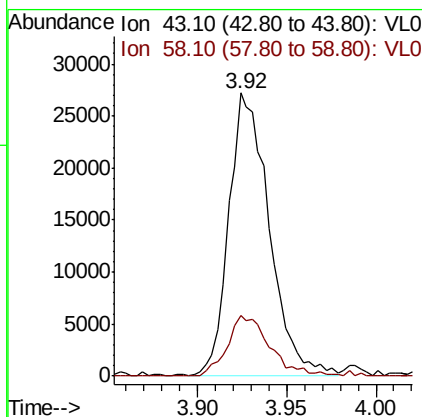
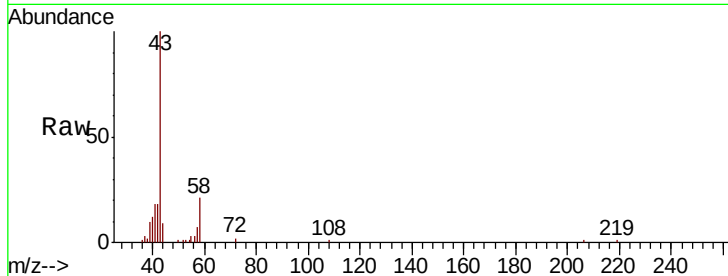
#15
Acetone
Concen: 0.356 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.02 min
Lab File: VL032793.D
Acq: 21 Nov 2018 00:36

Instrument :
MSVOA_L
ClientSampleId :
EP-104DL

Tot Ion	43.10	Resp	43115
Ion Ratio	100	Lower	Upper
43	100		
58	22.9	21.1	31.7

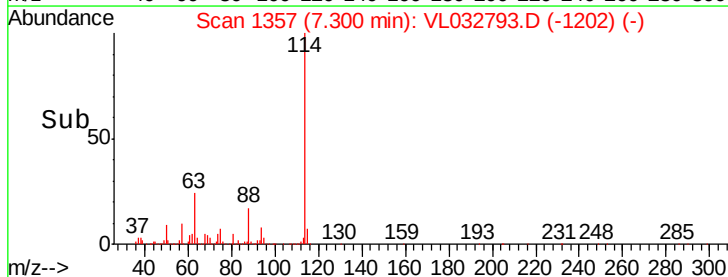
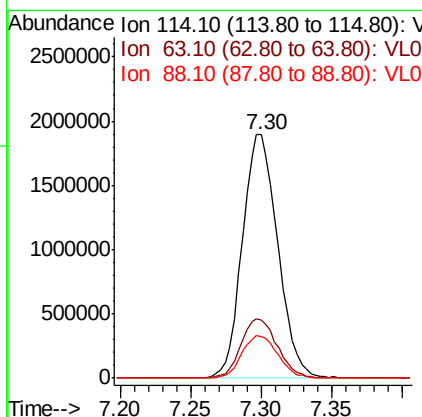
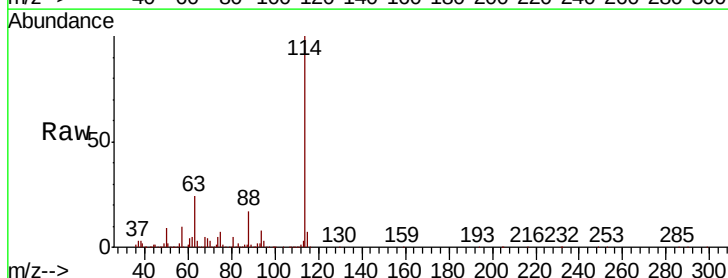
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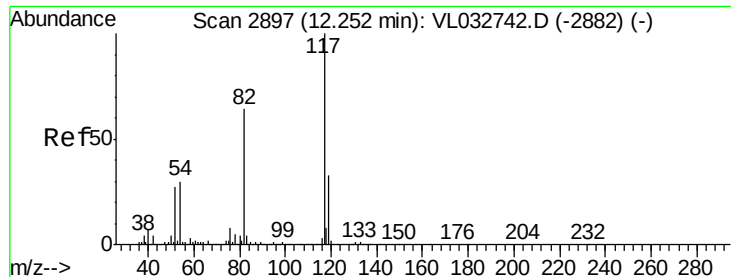
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL032793.D
Acq: 21 Nov 2018 00:36

Tgt Ion	114	Resp	3335101
Ion Ratio	100	Lower	Upper
114	100		
63	24.9	20.9	31.3
88	17.8	14.4	21.6





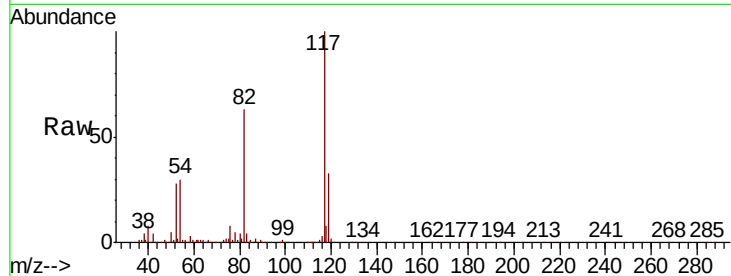
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032793.D
Acq: 21 Nov 2018 00:36

Instrument :
MSVOA_L
ClientSampleId :
EP-104DL

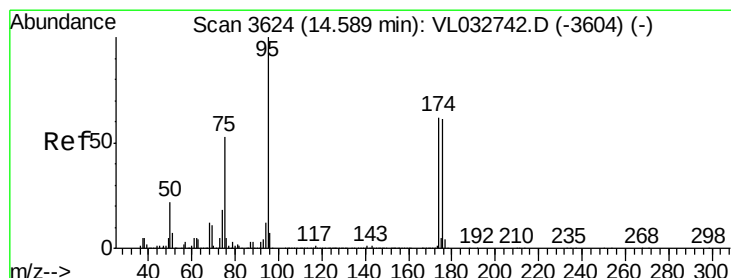
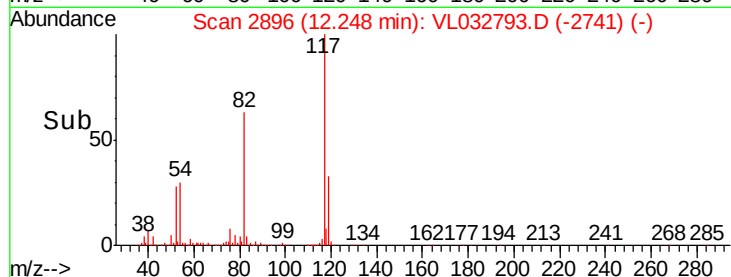
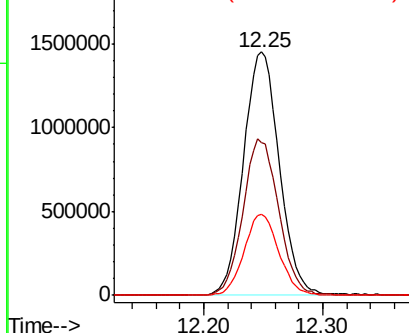
Tot Ion:117 Resp: 3023872
Ion Ratio Lower Upper
117 100
82 64.5 51.0 76.6
119 32.5 28.0 42.0

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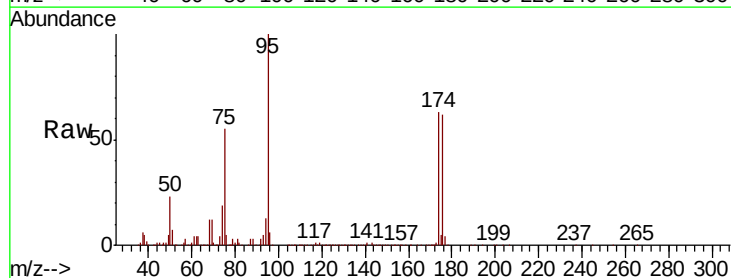


Abundance Ion 117.10 (116.80 to 117.80): V
2000000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.097 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032793.D
Acq: 21 Nov 2018 00:36

Tgt Ion: 95 Resp: 2283543
Ion Ratio Lower Upper
95 100
174 67.1 50.7 76.1
175 5.0 3.8 5.6



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

