

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL113018\
Quantitation Report (Not Reviewed)

Data File : VL032847.D
Acq On : 30 Nov 2018 13:04
Operator : SY/AP
Sample : VL1130ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1130ABL01

Quant Time: Dec 01 02:21:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	1297166	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3239642	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3165227	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2477277	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

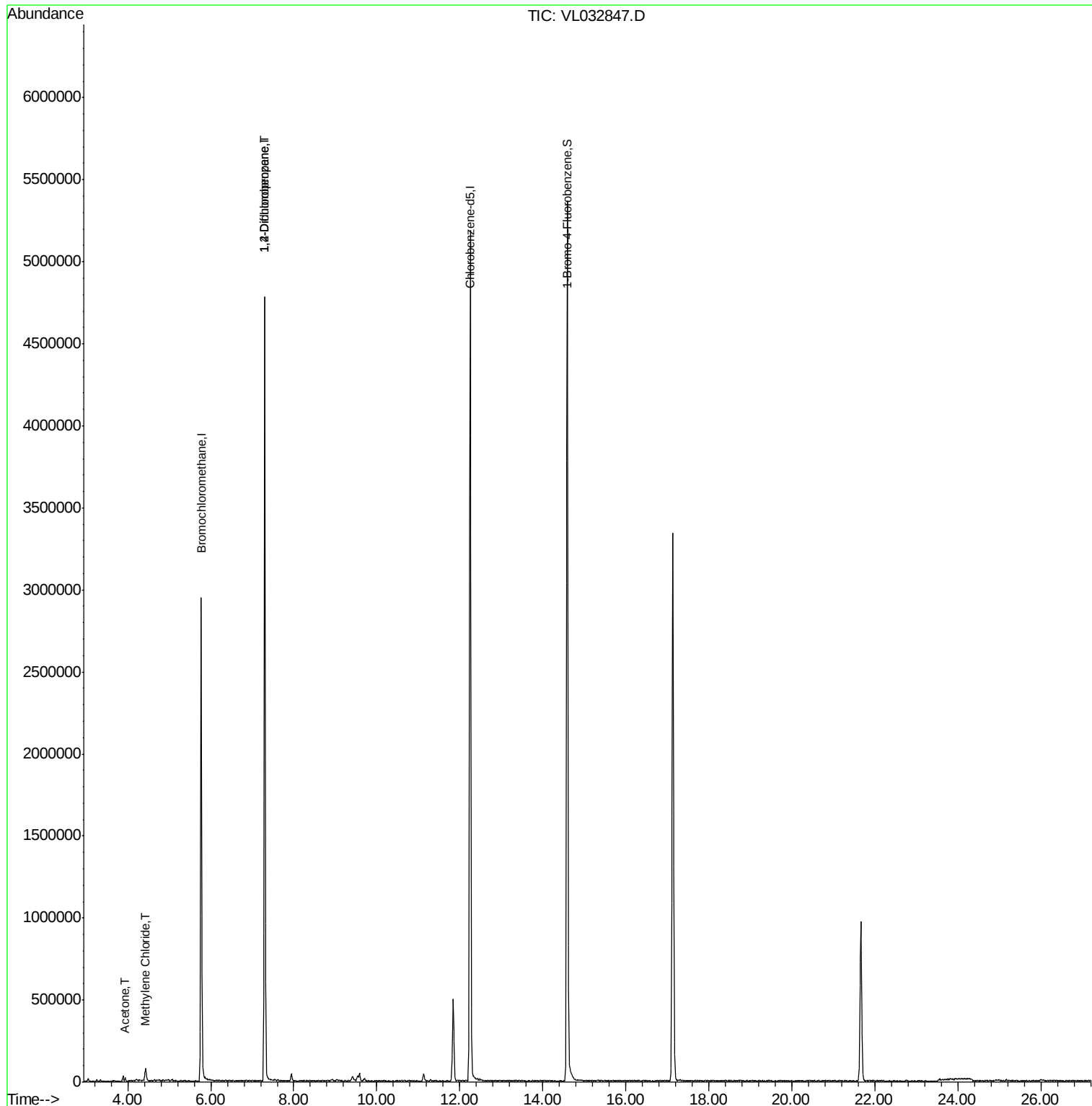
Target Compounds					Qvalue	
15) Acetone	3.93	43	21616	0.182	ppbv #	84
20) Methylene Chloride	4.42	84	12401	0.202	ppbv #	78
39) 1,2-Dichloropropane	7.30	63	809923	8.240	ppbv #	23

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.00 min

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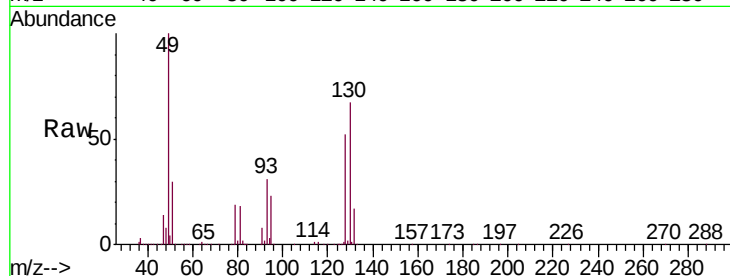
Tgt Ion: 49 Resp: 1297166

Ion Ratio Lower Upper

49 100

128 52.3 24.9 74.6

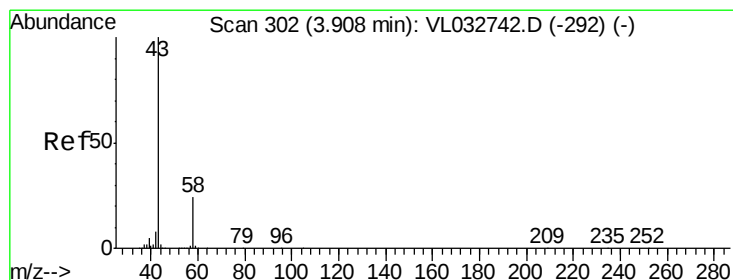
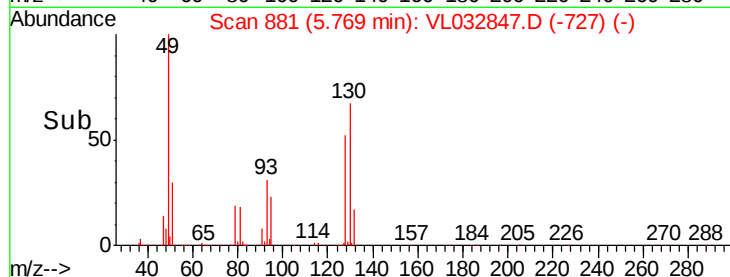
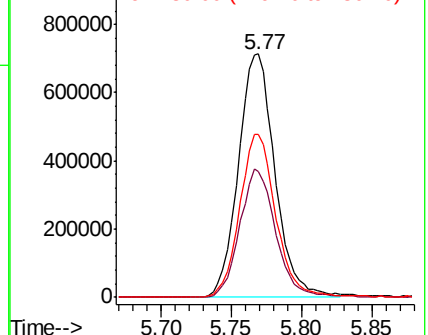
130 66.7 31.4 94.2



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: 0.182 ppbv

RT: 3.93 min Scan# 309

Delta R.T. 0.02 min

Lab File: VL032847.D

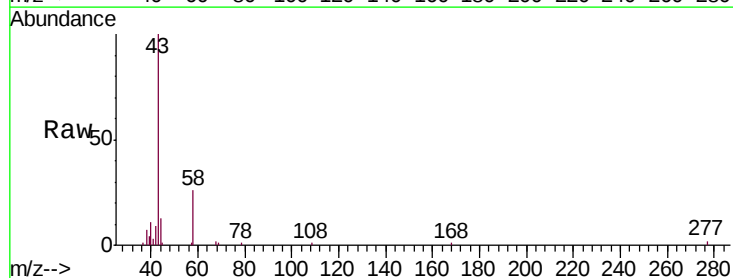
Acq: 30 Nov 2018 13:04

Tgt Ion: 43 Resp: 21616

Ion Ratio Lower Upper

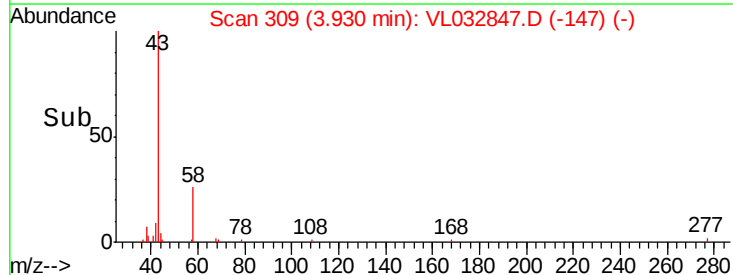
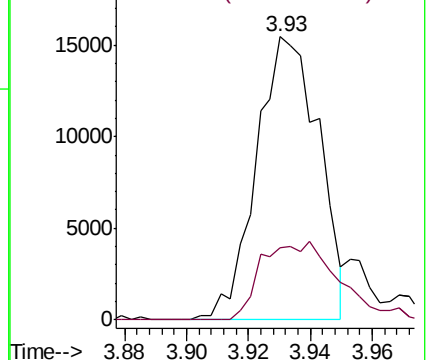
43 100

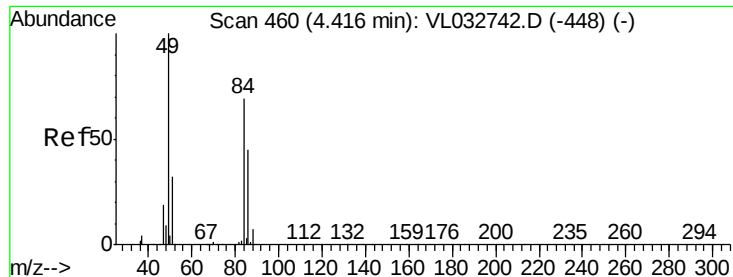
58 34.6 21.1 31.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

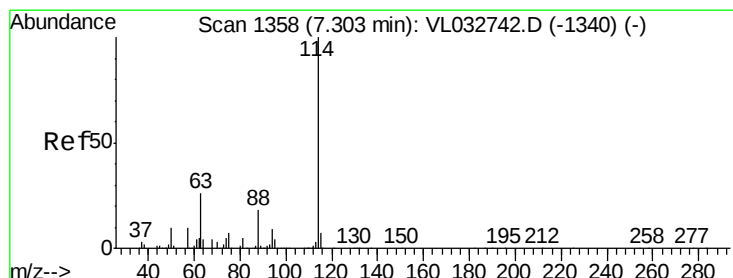
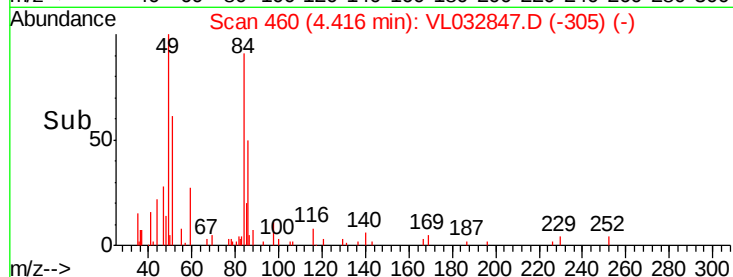
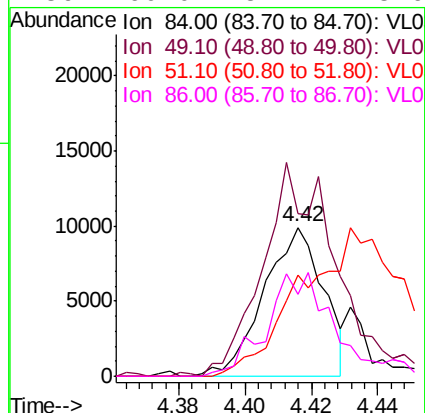
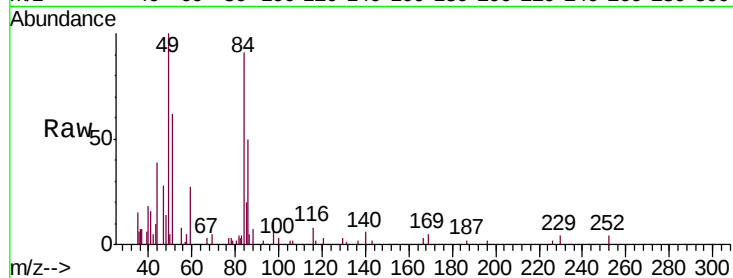




#20
Methylene Chloride
Concen: 0.202 ppbv
RT: 4.42 min Scan# 460
Delta R.T. -0.00 min
Lab File: VL032847.D
Acq: 30 Nov 2018 13:04

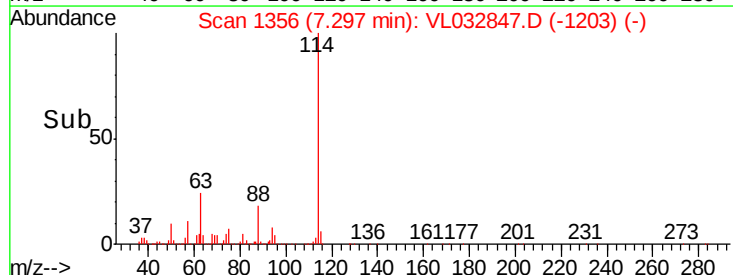
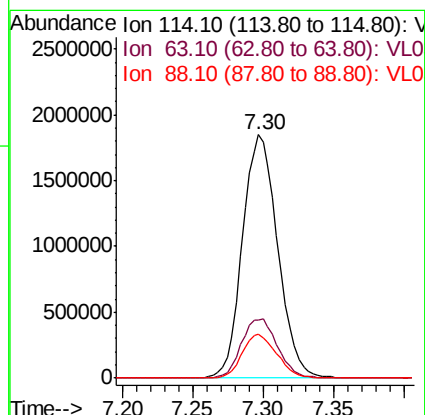
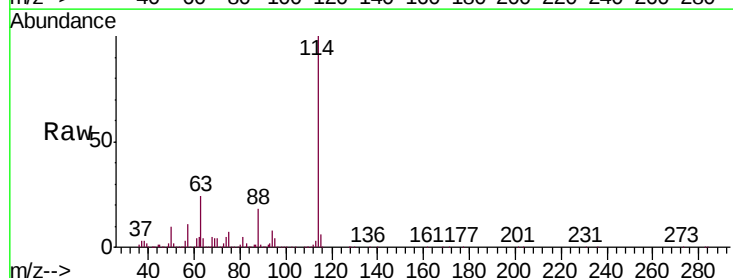
Instrument :
MSVOA_L
ClientSampleId :
VL1130ABL01

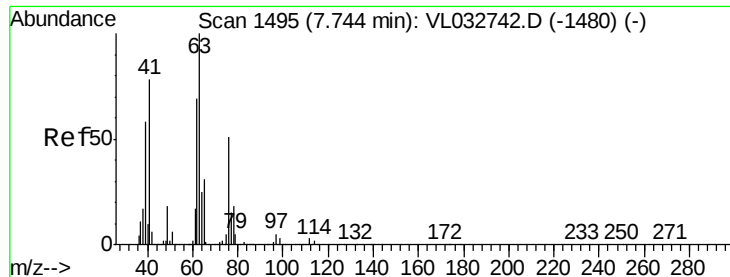
Tgt Ion: 84 Resp: 12401
Ion Ratio Lower Upper
84 100
49 113.4 115.8 173.6#
51 68.0 36.9 55.3#
86 60.0 52.4 78.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032847.D
Acq: 30 Nov 2018 13:04

Tgt Ion: 114 Resp: 3239642
Ion Ratio Lower Upper
114 100
63 25.1 20.9 31.3
88 17.8 14.4 21.6





#39

1,2-Dichloropropane

Concen: 8.240 ppbv

RT: 7.30 min Scan# 1357

Delta R.T. -0.44 min

Lab File: VL032847.D

Acq: 30 Nov 2018 13:04

Instrument :

MSVOA_L

ClientSampleId :

VL1130ABL01

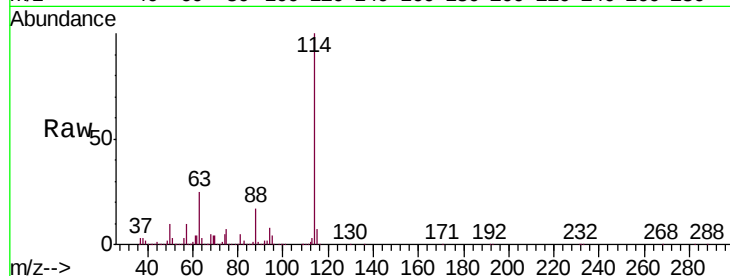
Tgt Ion: 63 Resp: 809923

Ion Ratio Lower Upper

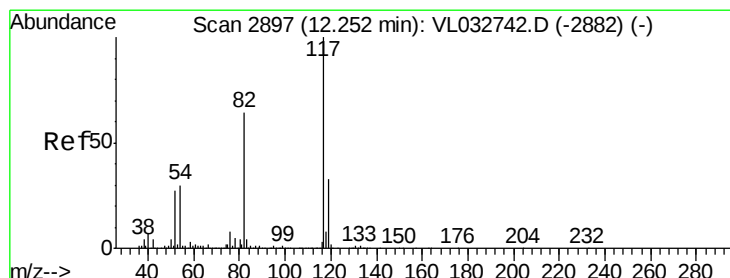
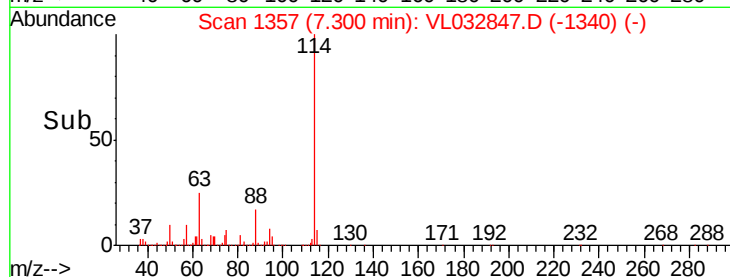
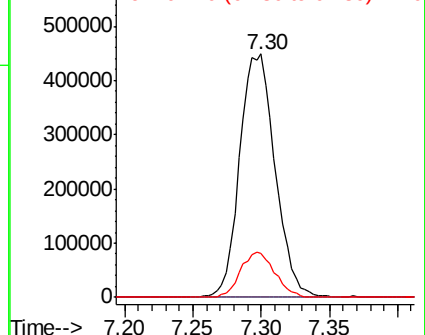
63 100

41 0.1 62.0 93.0#

62 17.8 55.4 83.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VL032847.D

Acq: 30 Nov 2018 13:04

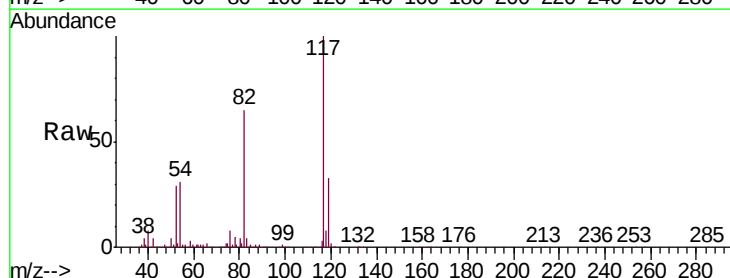
Tgt Ion: 117 Resp: 3165227

Ion Ratio Lower Upper

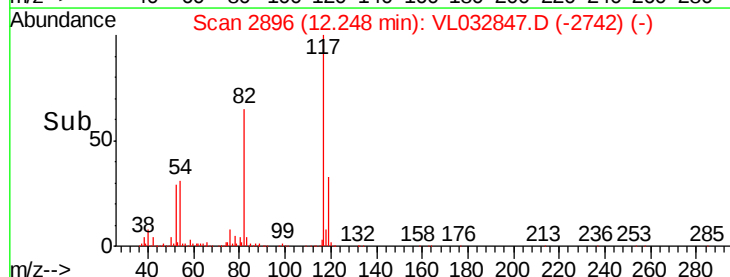
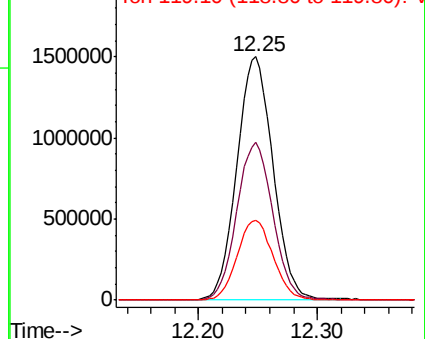
117 100

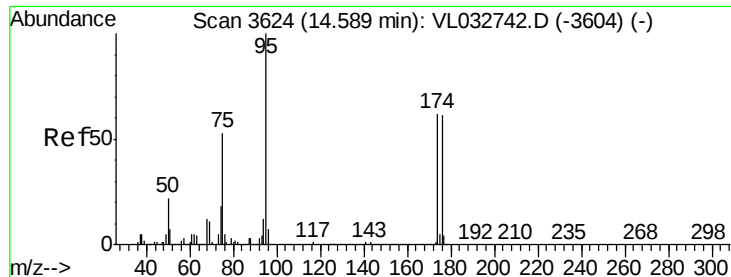
82 65.2 51.0 76.6

119 33.1 28.0 42.0



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: 10.464 ppbv

RT: 14.59 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VL032847.D

Acq: 30 Nov 2018 13:04

Instrument :

MSVOA_L

ClientSampleId :

VL1130ABL01

Tgt Ion: 95 Resp: 2477277

Ion Ratio Lower Upper

95 100

174 65.3 50.7 76.1

175 4.8 3.8 5.6

