

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121318\
 Data File : VL032985.D
 Acq On : 13 Dec 2018 15:48
 Operator : SY/AP
 Sample : VL1213ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1213ABL01

Quant Time: Dec 14 08:54:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1188874	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3060403	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3036085	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2251954	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

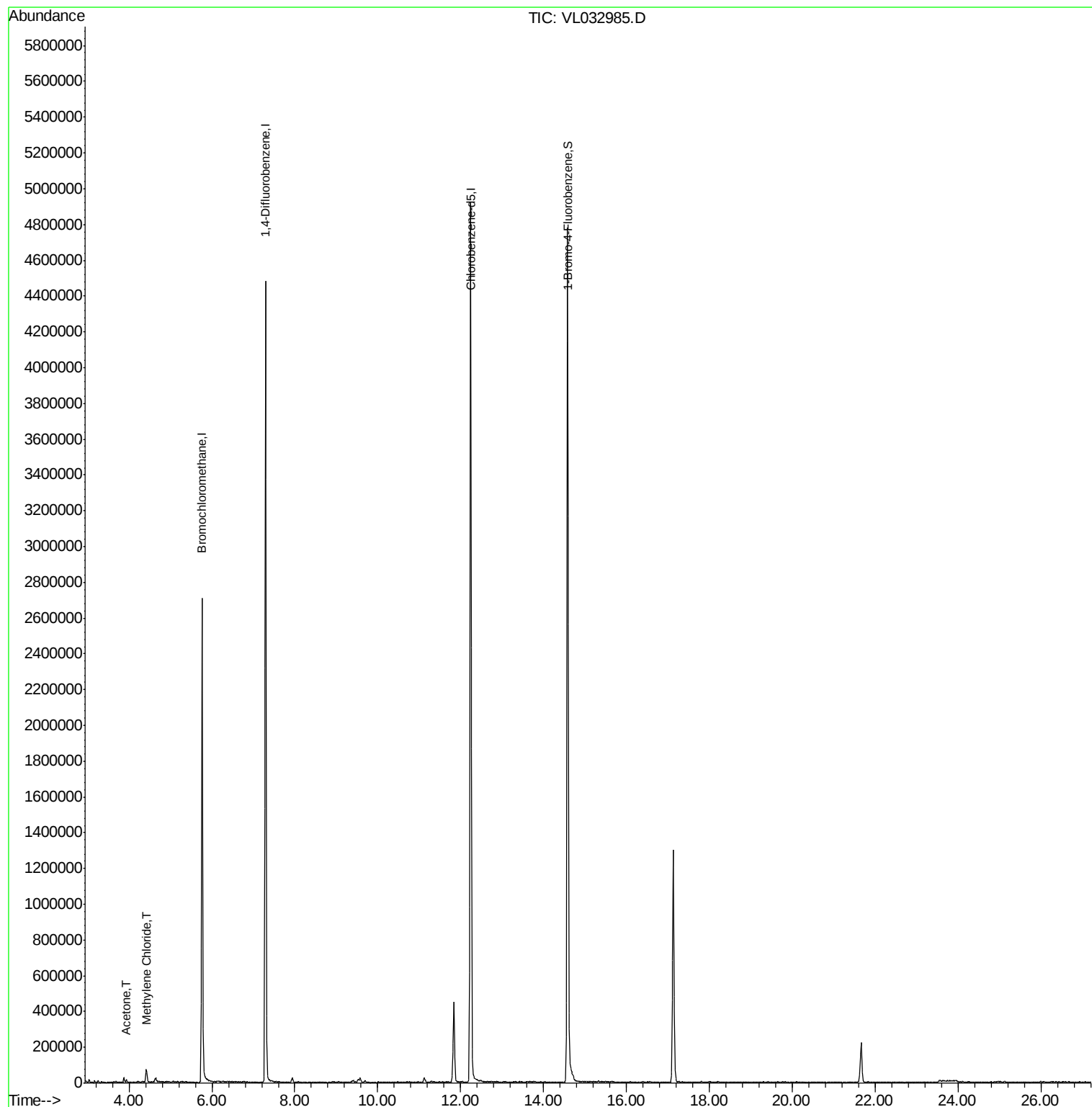
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.93	43	14924	0.146	ppbv	# 88
20) Methylene Chloride	4.41	84	20869	0.418	ppbv	96

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VL1213ABL01

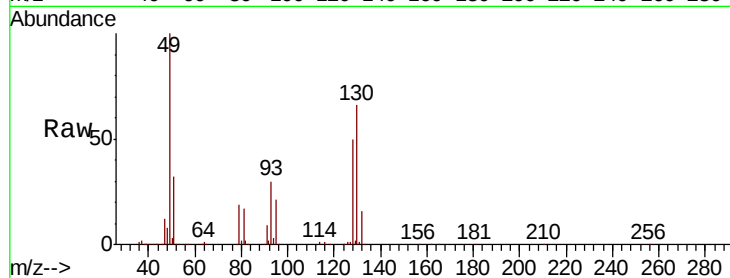
Tot Ion: 49 Resp: 1188874

Ion Ratio Lower Upper

49 100

128 51.6 26.3 78.8

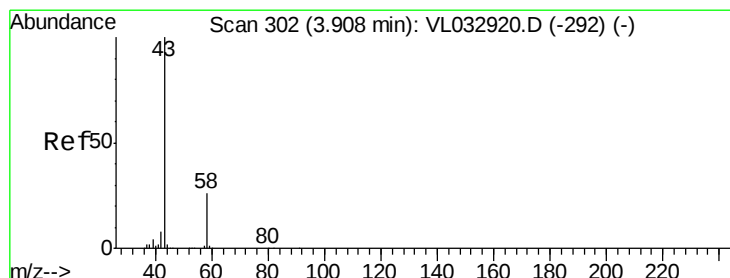
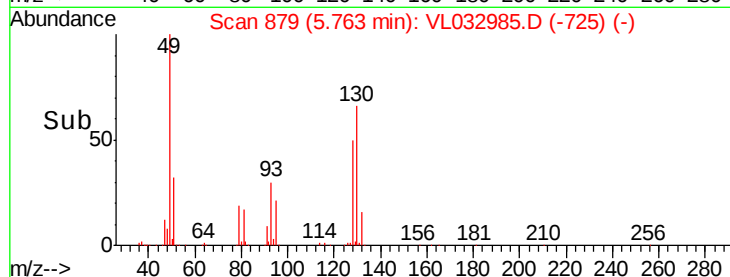
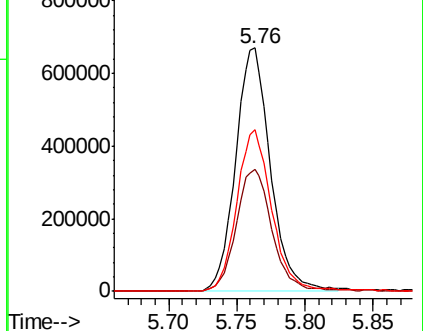
130 67.5 33.9 101.7



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: 0.146 ppbv

RT: 3.93 min Scan# 309

Delta R.T. 0.02 min

Lab File: VL032985.D

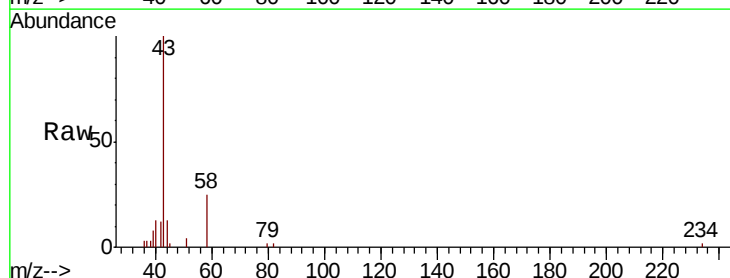
Acq: 13 Dec 2018 15:48

Tgt Ion: 43 Resp: 14924

Ion Ratio Lower Upper

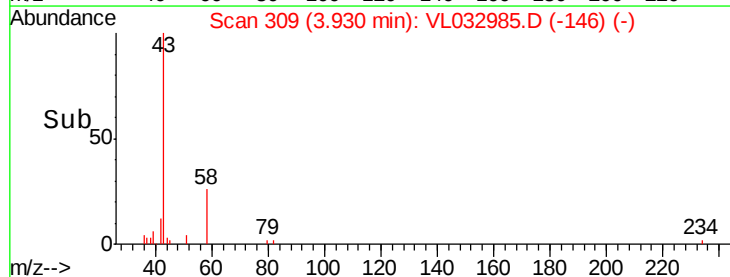
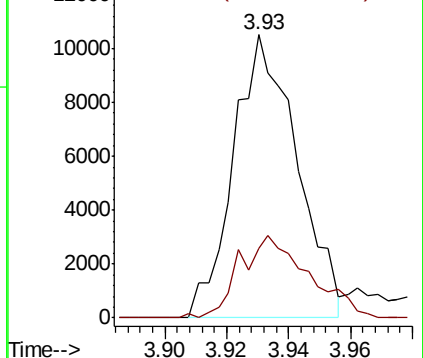
43 100

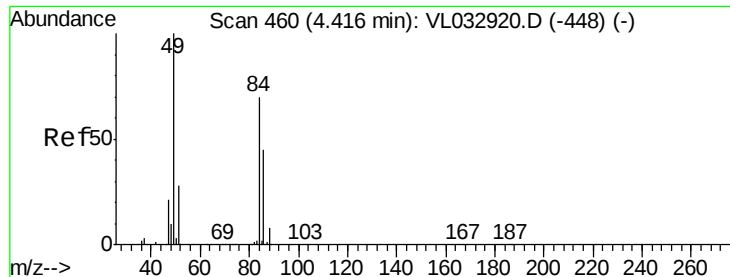
58 31.8 20.6 30.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

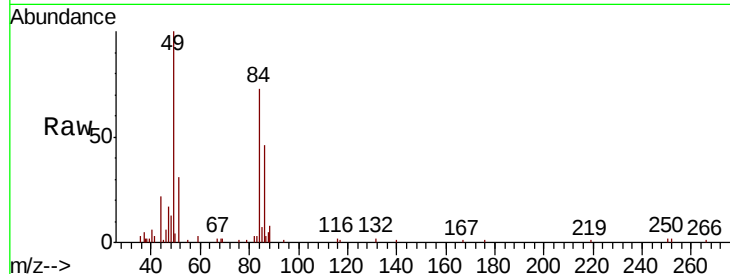




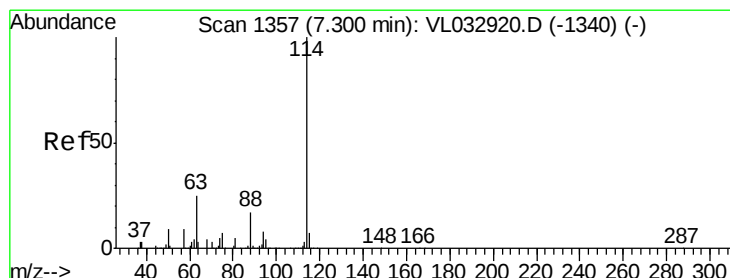
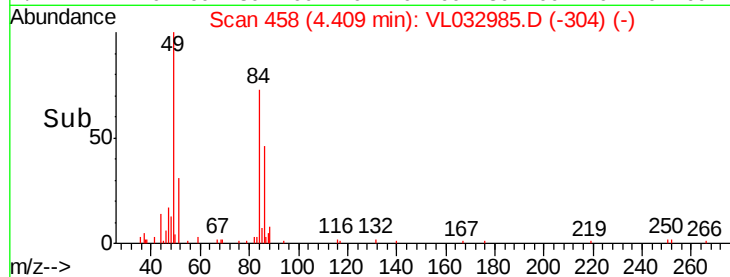
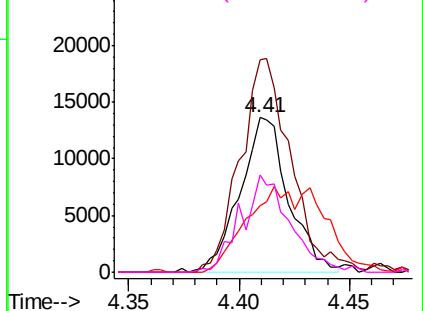
#20
Methvlene Chloride
Concen: 0.418 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.01 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Instrument :
MSVOA_L
ClientSampleId :
VL1213ABL01

Tot Ion:	84	Resp:	20869
Ion	Ratio	Lower	Upper
84	100		
49	137.3	113.8	170.8
51	43.2	31.8	47.8
86	62.5	50.8	76.2

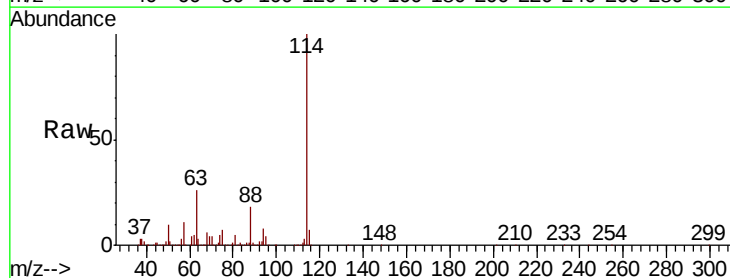


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

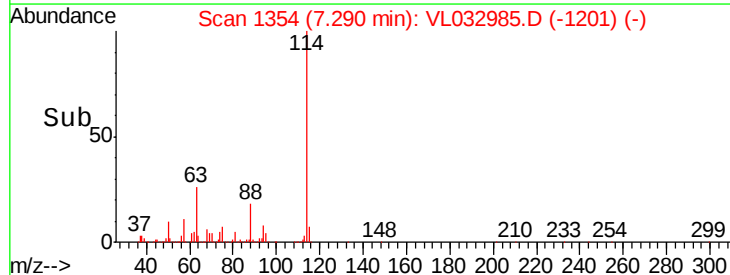
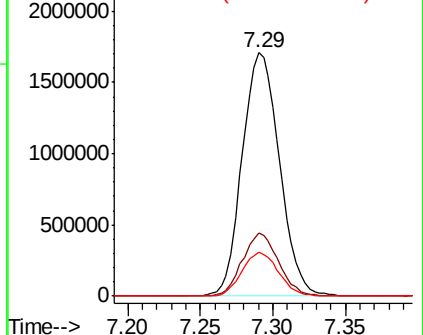


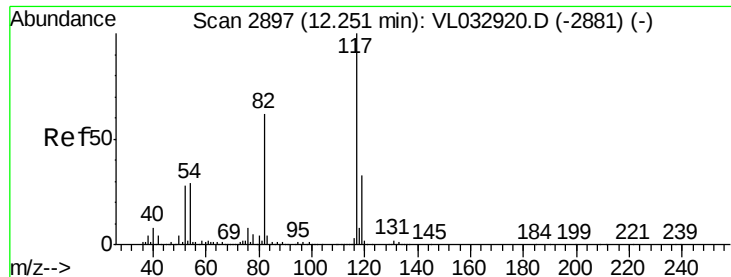
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Tgt Ion:	114	Resp:	3060403
Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.1	30.1
88	17.8	14.2	21.4



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

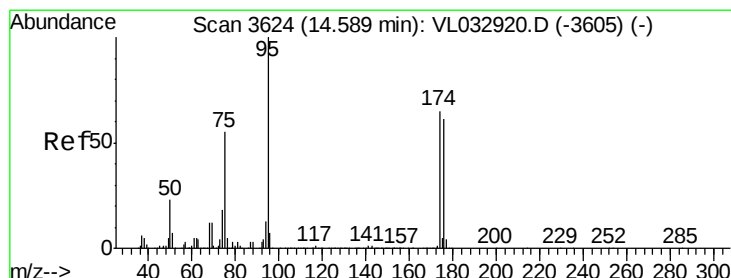
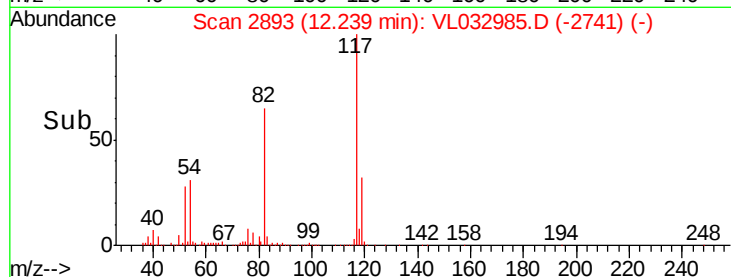
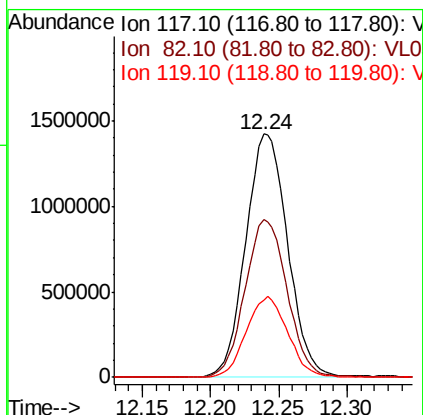
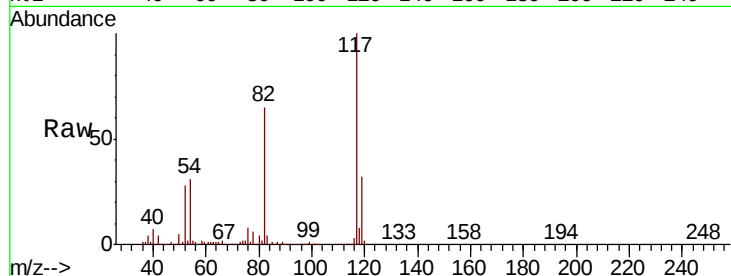




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Instrument :
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ClientSampleId :
VL1213ABL01

Tot Ion:117 Resp: 3036085
Ion Ratio Lower Upper
117 100
82 66.0 47.8 71.8
119 32.8 43.1 64.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.040 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Tgt Ion: 95 Resp: 2251954
Ion Ratio Lower Upper
95 100
174 65.4 51.4 77.0
175 4.7 3.8 5.6

