

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047902.D
 Acq On : 11 Apr 2022 13:47
 Operator : SY/MD
 Sample : VIBLK056
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK056

Quant Time: Apr 12 02:02:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

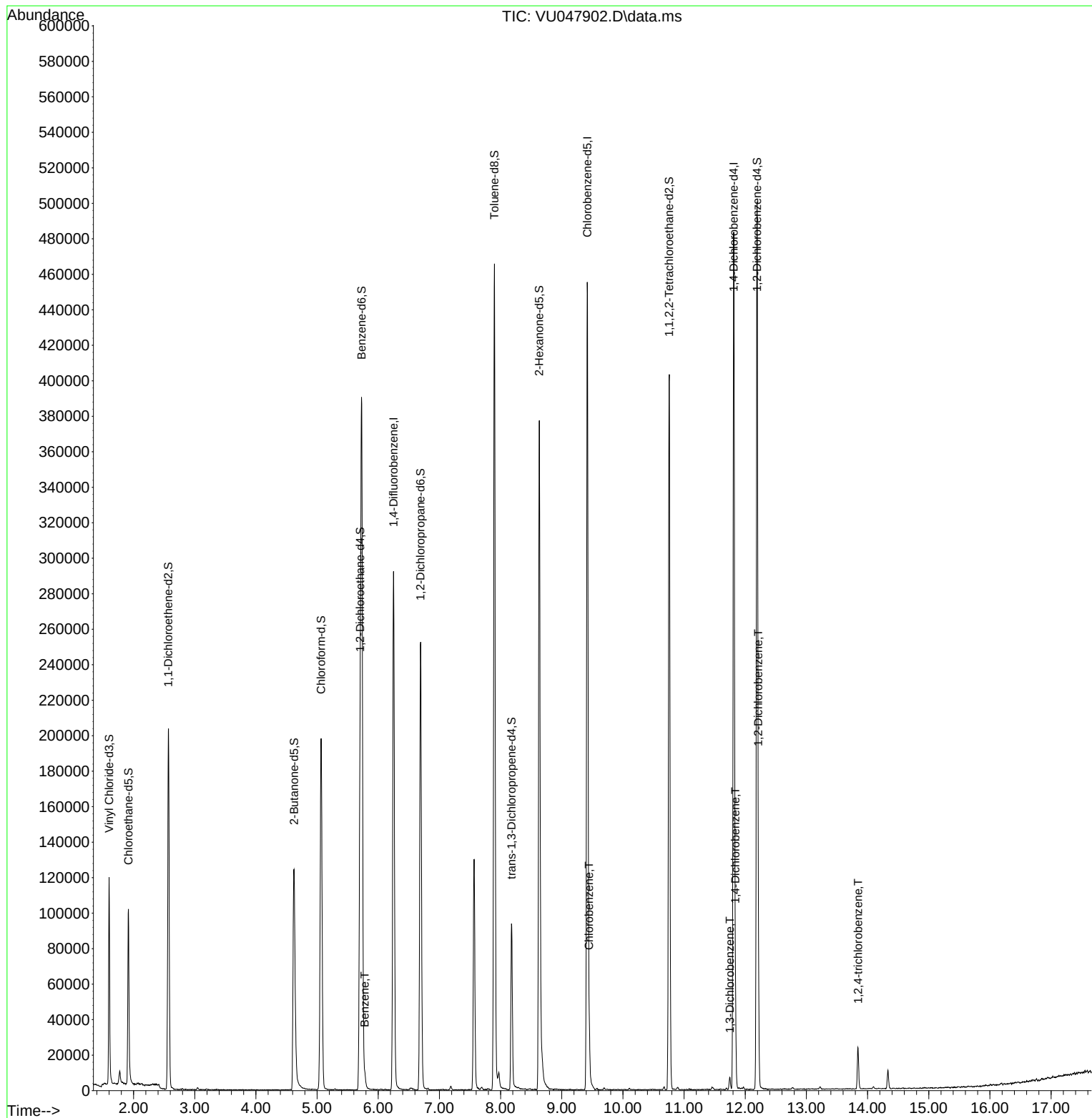
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	254672	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	275277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	136262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	85705	46.408	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.820%
7) Chloroethane-d5	1.916	69	77613	53.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.568	63	115684	34.238	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.480%
21) 2-Butanone-d5	4.623	46	185978	117.326	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.330%
24) Chloroform-d	5.067	84	184757	54.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.360%
26) 1,2-Dichloroethane-d4	5.703	65	127118	61.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.680%
32) Benzene-d6	5.729	84	365315	52.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.480%
36) 1,2-Dichloropropane-d6	6.690	67	121407	57.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.140%
41) Toluene-d8	7.899	98	317668	47.071	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
43) trans-1,3-Dichloroprop...	8.179	79	54113	50.211	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.420%
47) 2-Hexanone-d5	8.633	63	128343	103.062	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.060%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	198712	54.430	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.860%
66) 1,2-Dichlorobenzene-d4	12.192	152	137298	56.636	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.280%
Target Compounds						
					Qvalue	
33) Benzene	5.781	78	5433	0.682	ug/L	100
51) Chlorobenzene	9.446	112	15057	2.536	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	3414	0.834	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	20339	4.797	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	20012	4.886	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	8435	2.897	ug/L	94

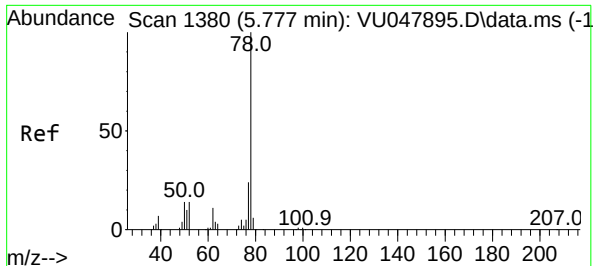
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.682 ug/L

RT: 5.781 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047902.D

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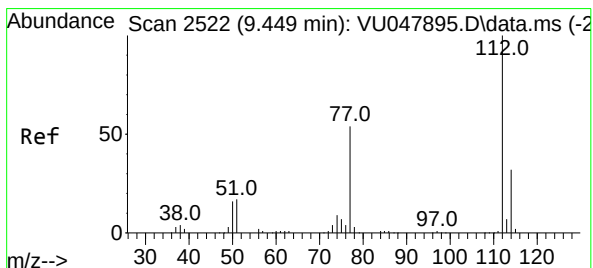
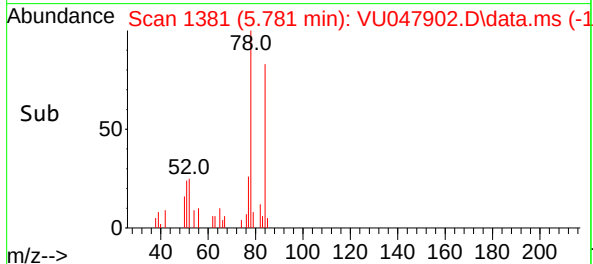
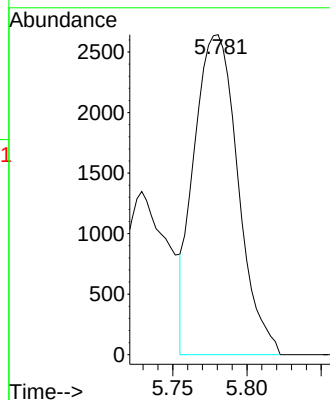
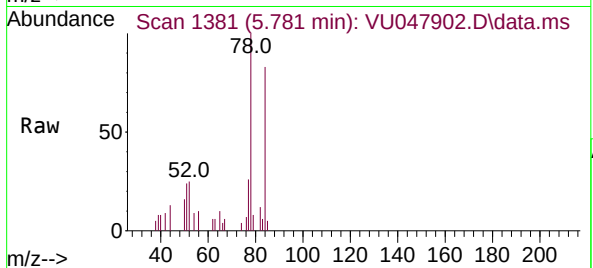
Instrument :

MSVOA_U

ClientSampleId :

VIBLK056

Tgt Ion: 78 Resp: 5433



#51

Chlorobenzene

Concen: 2.536 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047902.D

Acq: 11 Apr 2022 13:47

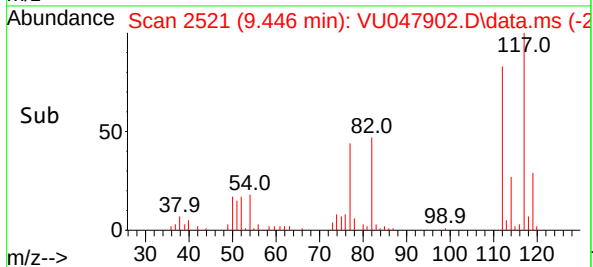
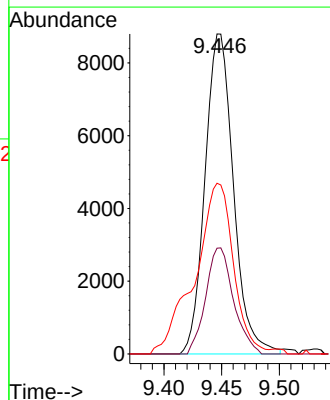
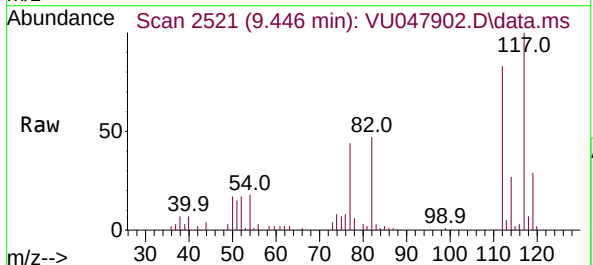
Tgt Ion: 112 Resp: 15057

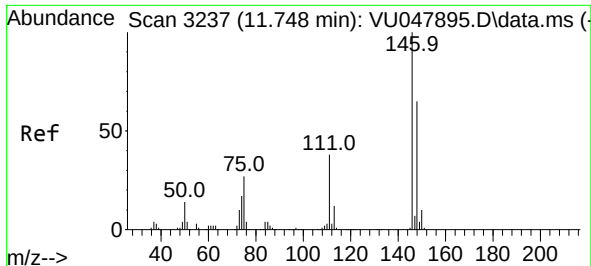
Ion Ratio Lower Upper

112 100

114 33.1 22.1 41.1

77 53.4 43.4 65.0

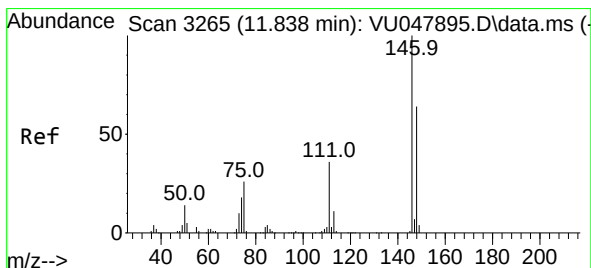
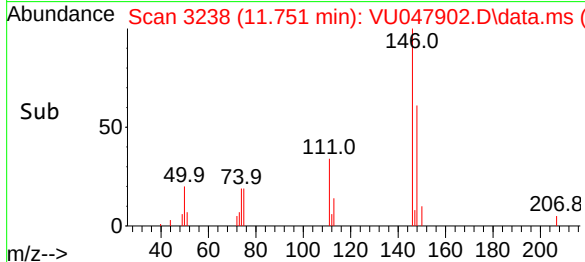
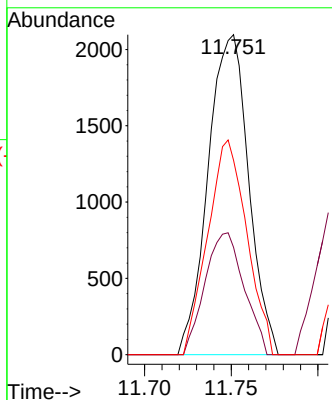
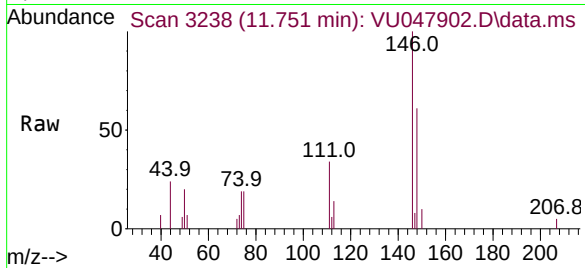




#64
1,3-Dichlorobenzene
Concen: 0.834 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU047902.D
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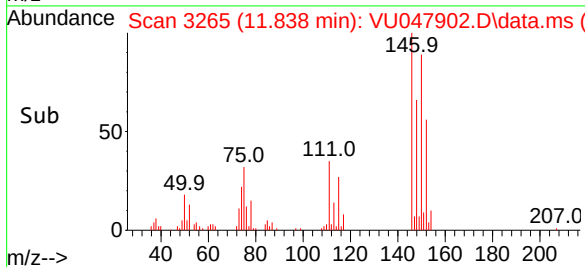
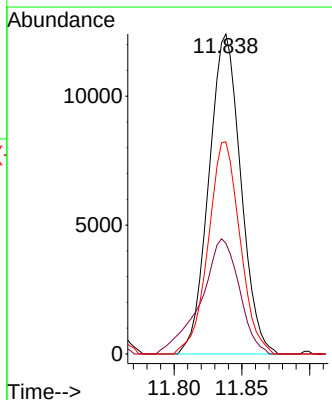
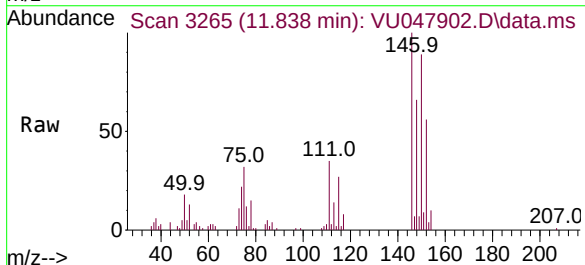
Instrument :
MSVOA_U
ClientSampleId :
VIBLK056

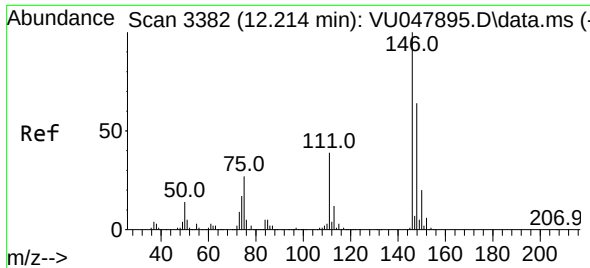
Tgt Ion:146 Resp: 3414
Ion Ratio Lower Upper
146 100
111 33.6 26.7 49.7
148 60.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 4.797 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047902.D
Acq: 11 Apr 2022 13:47

Tgt Ion:146 Resp: 20339
Ion Ratio Lower Upper
146 100
111 34.6 25.3 47.1
148 66.3 44.5 82.7

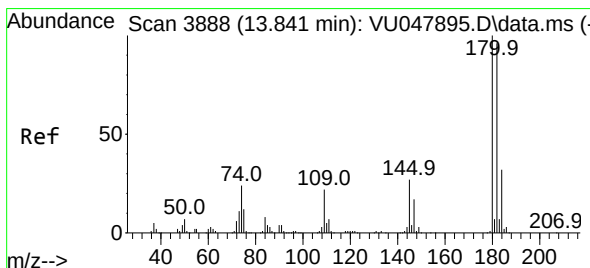
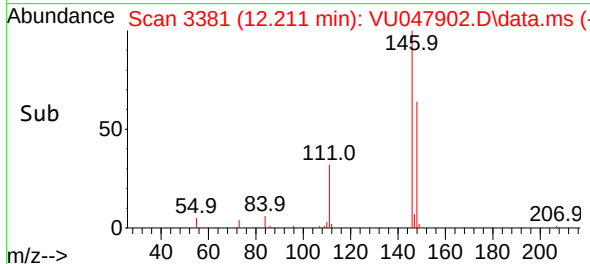
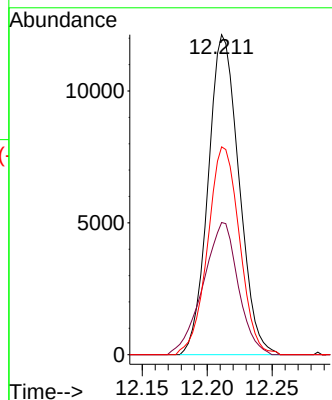
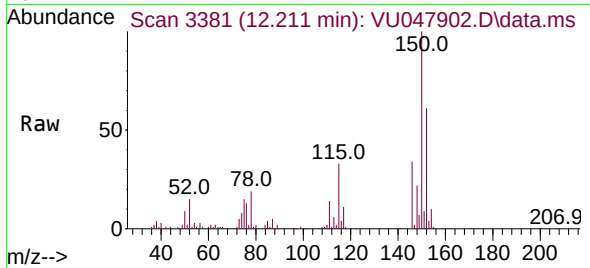




#67
1,2-Dichlorobenzene
Concen: 4.886 ug/L
RT: 12.211 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047902.D
Acq: 11 Apr 2022 13:47

Instrument :
MSVOA_U
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VIBLK056

Tgt Ion:	146	Resp:	20012
Ion Ratio	Lower	Upper	
146	100		
111	41.3	31.7	47.5
148	65.0	51.4	77.2



#70
1,2,4-trichlorobenzene
Concen: 2.897 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU047902.D
Acq: 11 Apr 2022 13:47

Tgt Ion:	180	Resp:	8435
Ion Ratio	Lower	Upper	
180	100		
182	101.9	76.2	114.2
145	27.6	21.8	32.8

