

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041717.D
 Acq On : 21 Dec 2020 23:43
 Operator : SY/MD
 Sample : L5162-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB252

Quant Time: Dec 22 06:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 05:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128958	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52991	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36770	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.92	69	37771	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	59034	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.65	46	177912	61.43	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.86%
24) Chloroform-d	5.08	84	87885	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.72	65	51672	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.74	84	170348	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.70	67	57981	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	140736	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	24028	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.64	63	155227	56.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	60026	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	53654	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

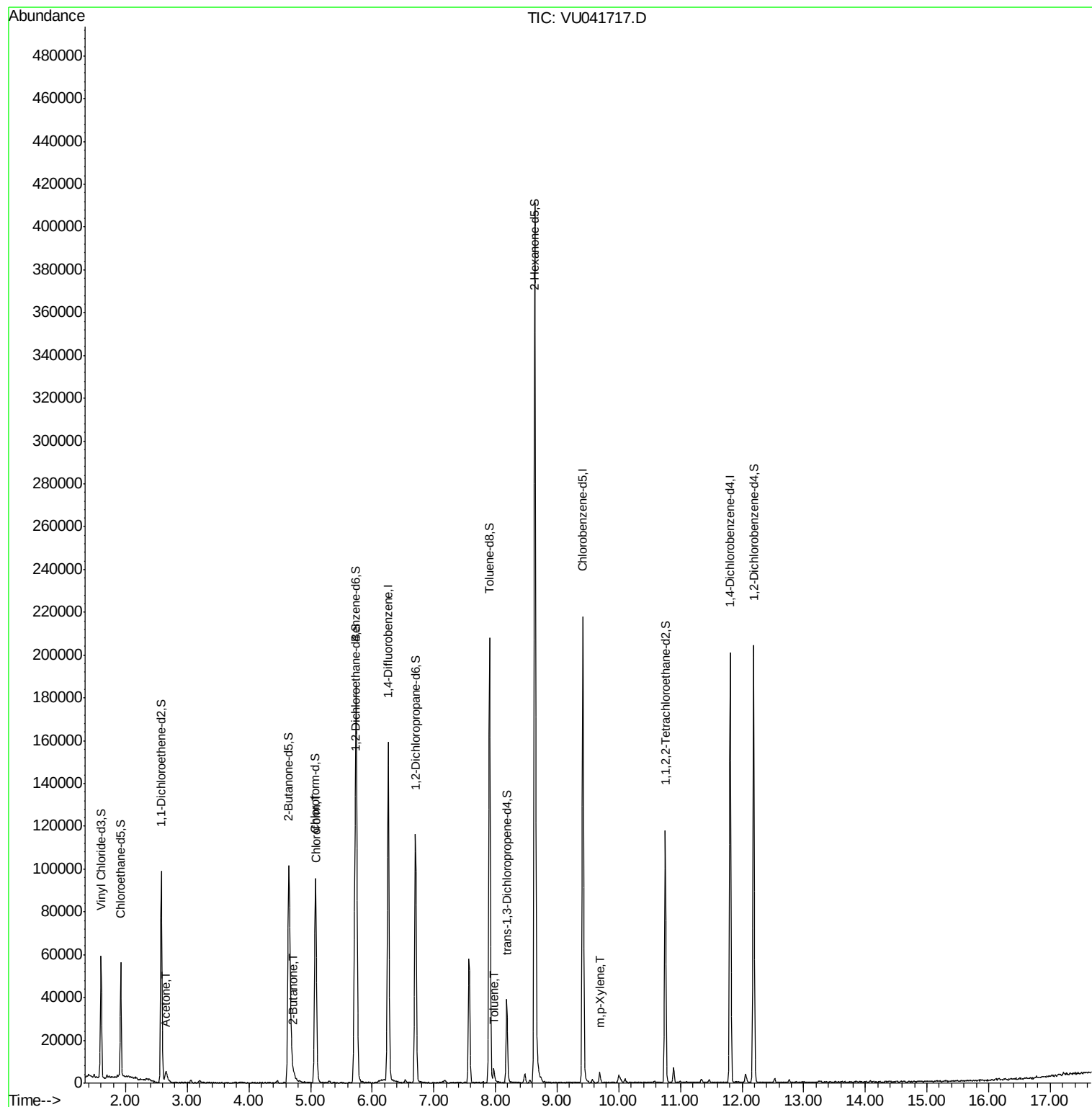
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	8923	4.844	ug/L	97
21) 2-Butanone	4.73	43	3491	1.163	ug/L	86
25) Chloroform	5.10	83	3799	0.223	ug/L	91
42) Toluene	7.98	91	4519	0.110	ug/L	98
53) m,p-Xylene	9.69	106	1494	0.091	ug/L	92

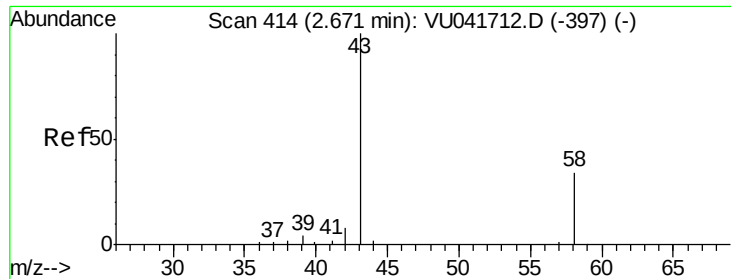
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122120\
Data File : VU041717.D
Acq On : 21 Dec 2020 23:43
Operator : SY/MD
Sample : L5162-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB252

Quant Time: Dec 22 06:23:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 05:59:09 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.844 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU041717.D

Acq: 21 Dec 2020 23:43

Instrument :

MSVOA_U

ClientSampleId :

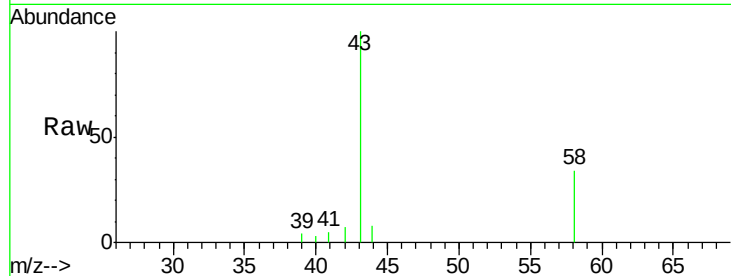
GB252

Tot Ion: 43 Resp: 8923

Ion Ratio Lower Upper

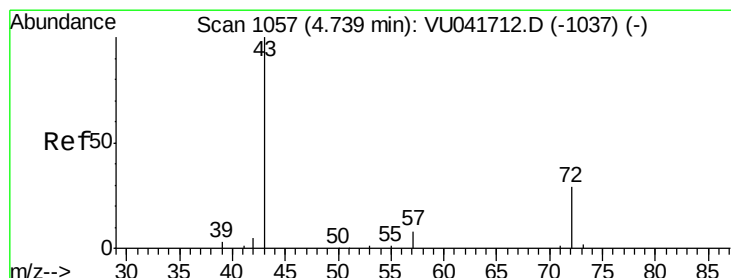
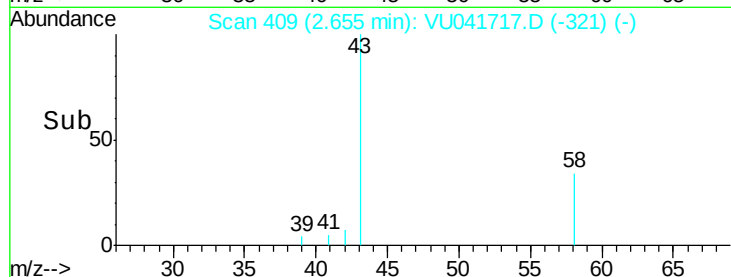
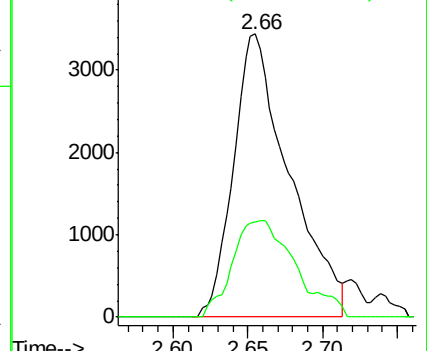
43 100

58 38.4 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 1.163 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VU041717.D

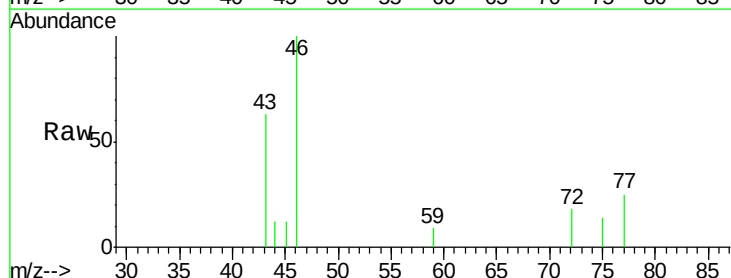
Acq: 21 Dec 2020 23:43

Tgt Ion: 43 Resp: 3491

Ion Ratio Lower Upper

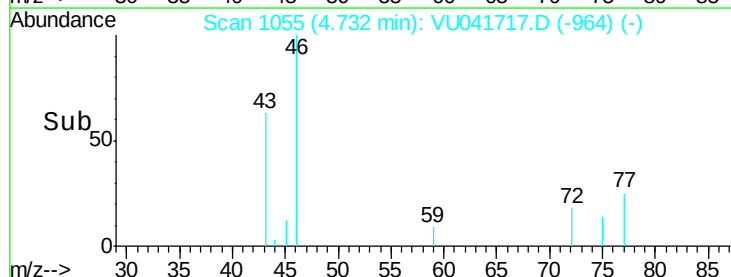
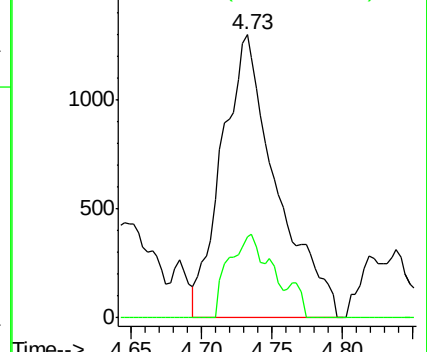
43 100

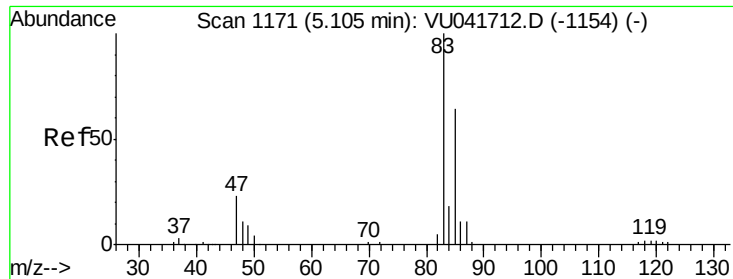
72 21.9 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

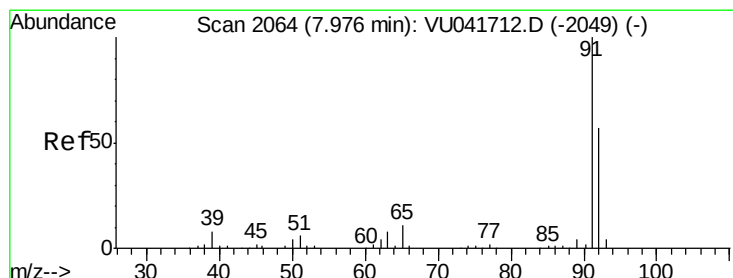
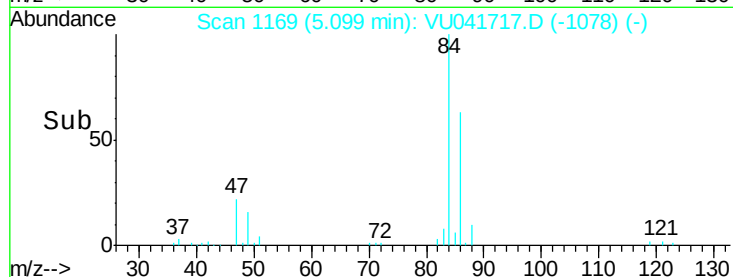
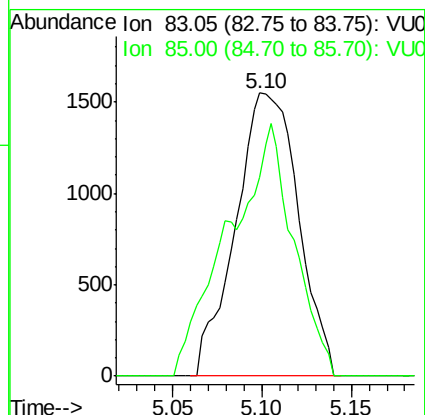
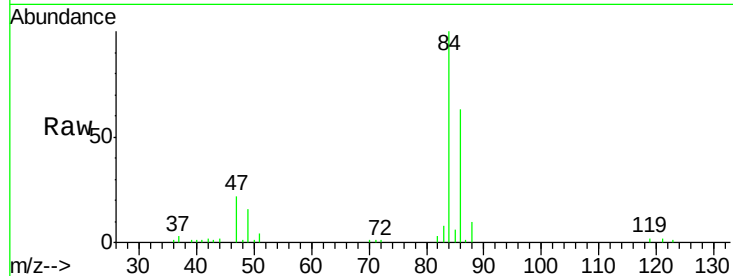




#25
Chloroform
Concen: 0.223 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU041717.D
Acq: 21 Dec 2020 23:43

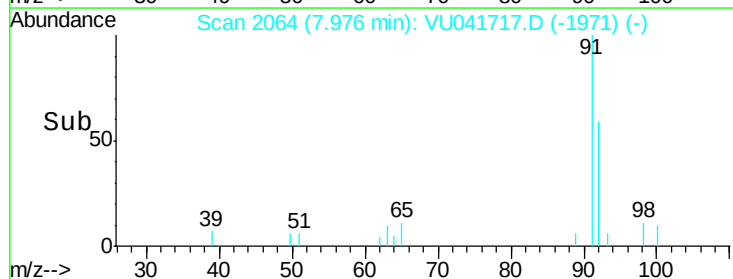
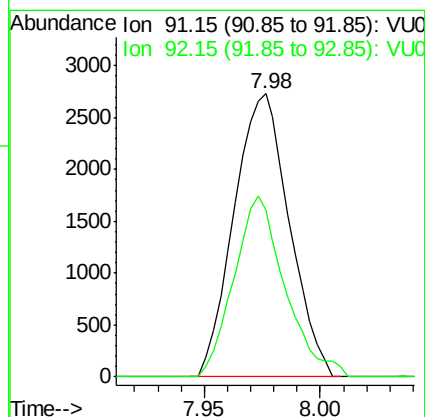
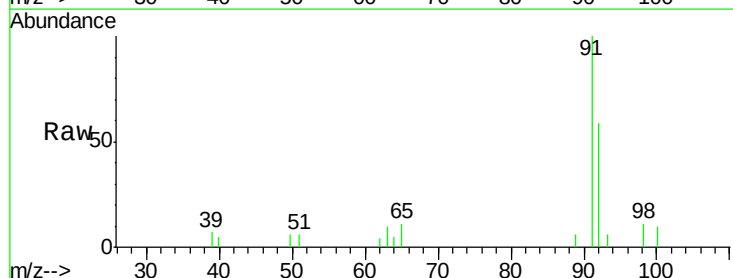
Instrument :
MSVOA_U
ClientSampleId :
GB252

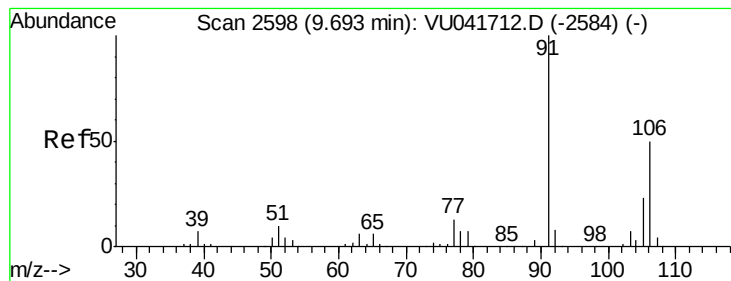
Tot Ion: 83 Resp: 3799
Ion Ratio Lower Upper
83 100
85 70.4 44.2 82.0



#42
Toluene
Concen: 0.110 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU041717.D
Acq: 21 Dec 2020 23:43

Tgt Ion: 91 Resp: 4519
Ion Ratio Lower Upper
91 100
92 58.9 40.0 74.2





#53

m,p-Xylene

Concen: 0.091 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU041717.D

Acq: 21 Dec 2020 23:43

Instrument :
MSVOA_U
ClientSampleId :
GB252

Tot Ion:106 Resp: 1494

Ion Ratio Lower Upper

106 100

91 212.3 140.4 260.8

