

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050240.D
 Acq On : 11 Aug 2022 19:12
 Operator : SY/MD
 Sample : N4160-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGBW0

Quant Time: Aug 12 01:35:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

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

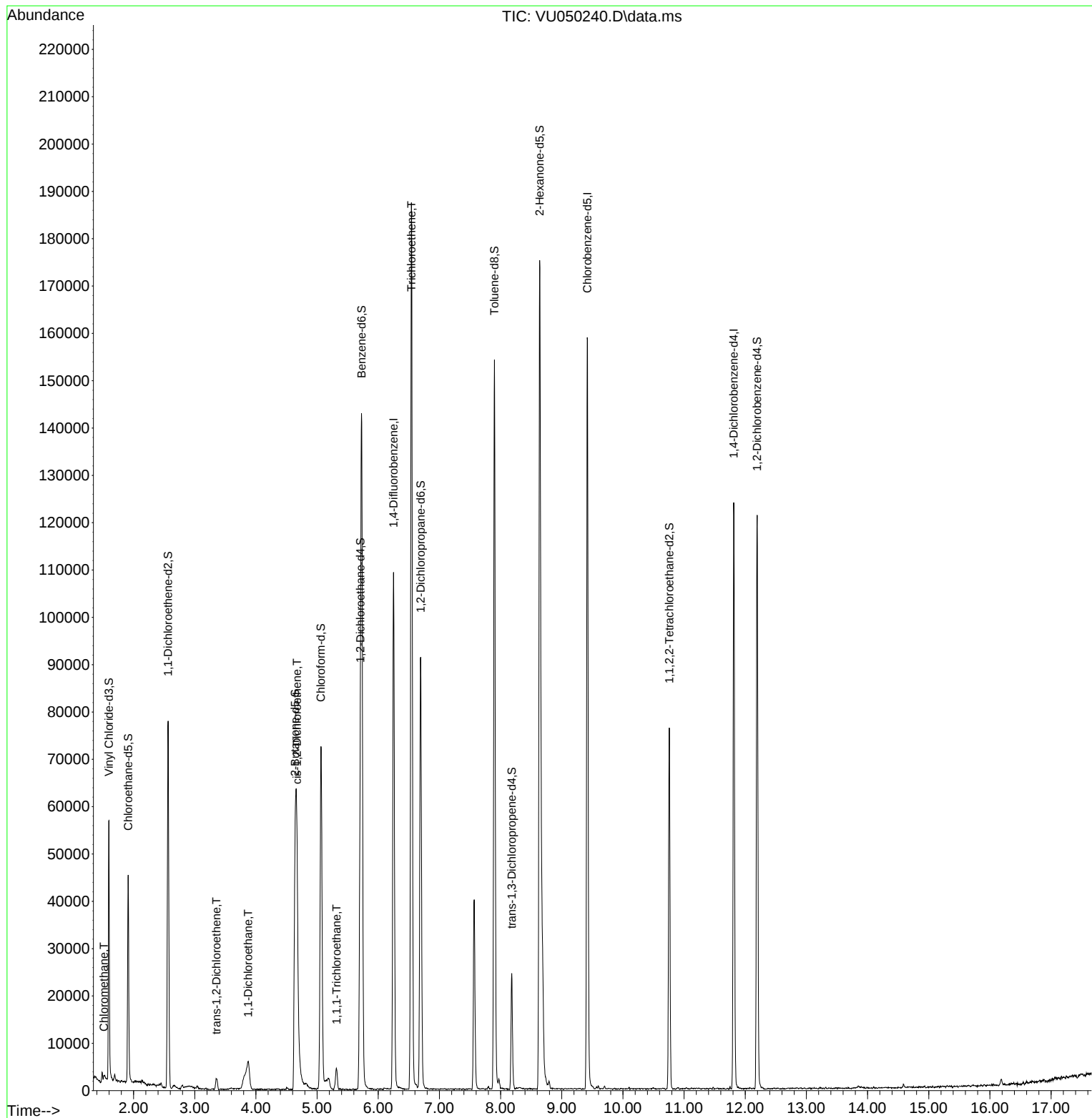
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89721	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91690	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	40552	5.431	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	108.600%	
7) Chloroethane-d5	1.912	69	32771	5.440	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.800%	
11) 1,1-Dichloroethene-d2	2.565	65	14881	5.099	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.000%	
20) 2-Butanone-d5	4.642	46	101299	55.634	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.260%	
24) Chloroform-d	5.063	84	69250	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	5.707	65	36948	5.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	5.729	84	134267	4.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.694	67	46947	4.982	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.899	98	105856	4.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	8.182	79	14744	4.367	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.400%	
46) 2-Hexanone-d5	8.639	63	55325	46.206	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.420%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39997	4.834	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33581	5.131	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.600%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1472	0.137	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	1134	0.163	ug/L #	91
19) 1,1-Dichloroethane	3.874	63	2345	0.178	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	15592	2.023	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	3398	0.302	ug/L	98
34) Trichloroethene	6.543	95	66159	8.515	ug/L	99

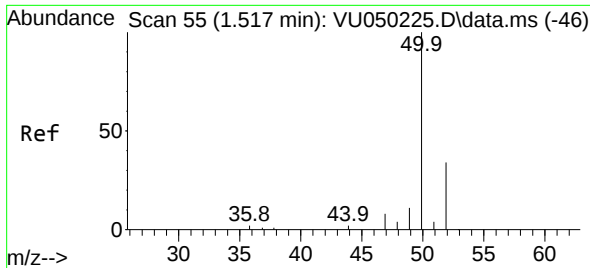
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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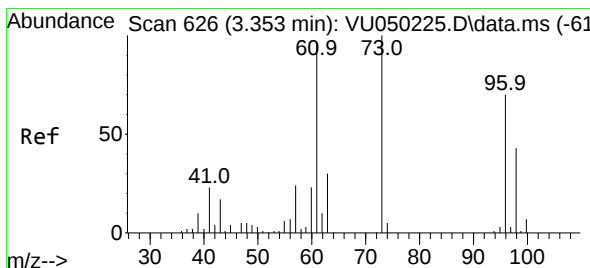
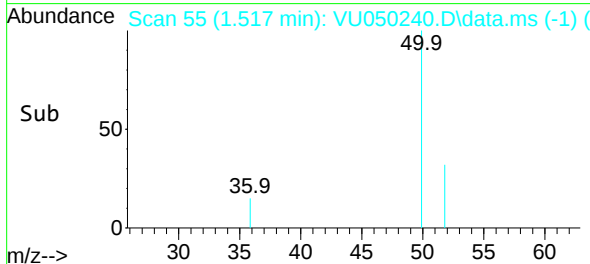
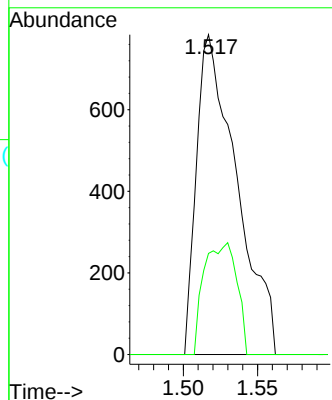
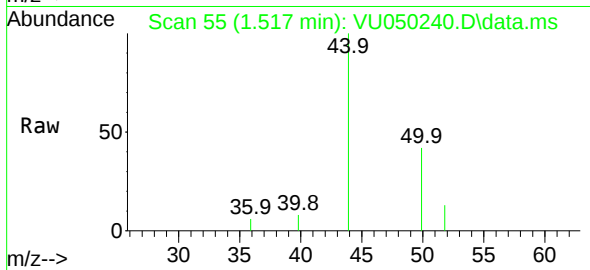




#3
Chloromethane
Concen: 0.137 ug/L
RT: 1.517 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050240.D
Acq: 11 Aug 2022 19:12

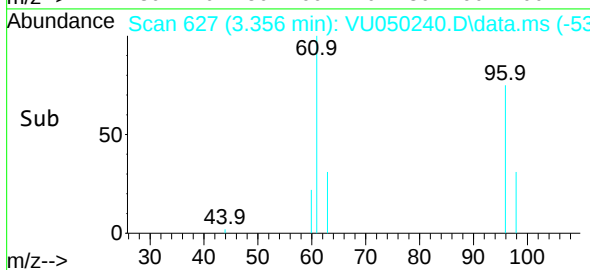
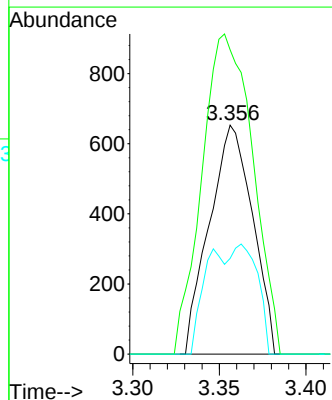
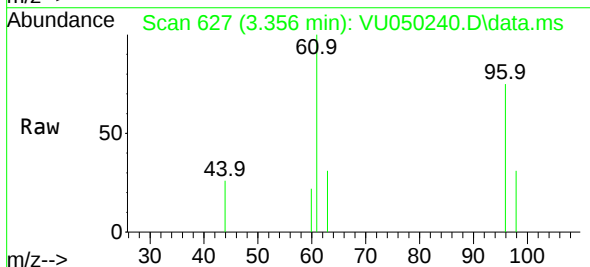
Instrument :
MSVOA_U
ClientSampleId :
BGBW0

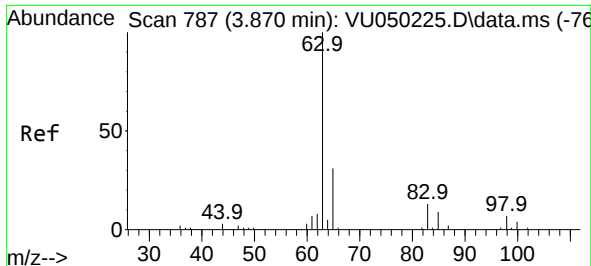
Tgt Ion: 50 Resp: 1472
Ion Ratio Lower Upper
50 100
52 31.6 23.2 43.2



#18
trans-1,2-Dichloroethene
Concen: 0.163 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU050240.D
Acq: 11 Aug 2022 19:12

Tgt Ion: 96 Resp: 1134
Ion Ratio Lower Upper
96 100
61 132.9 92.3 171.5
98 41.8 43.2 80.2#





#19

1,1-Dichloroethane

Concen: 0.178 ug/L

RT: 3.874 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU050240.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_U

ClientSampleId :

BGBW0

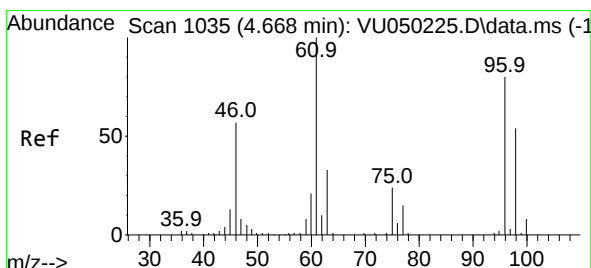
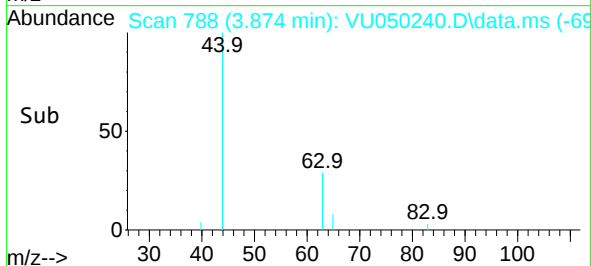
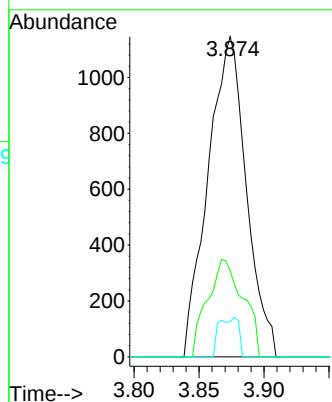
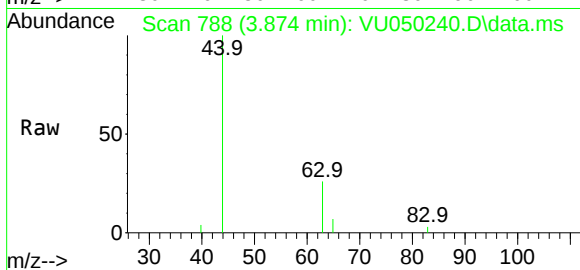
Tgt Ion: 63 Resp: 2345

Ion Ratio Lower Upper

63 100

65 26.9 22.7 42.3

83 10.9 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 2.023 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU050240.D

Acq: 11 Aug 2022 19:12

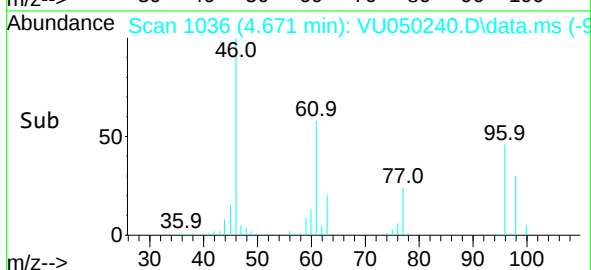
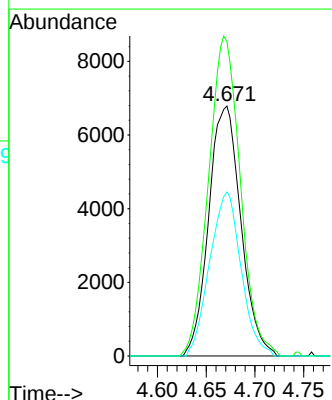
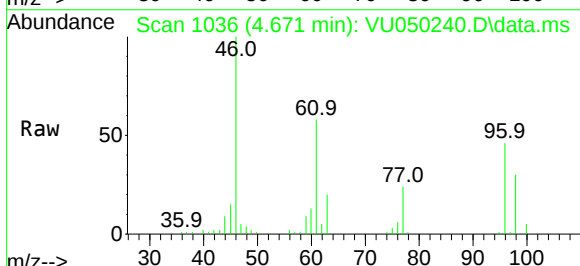
Tgt Ion: 96 Resp: 15592

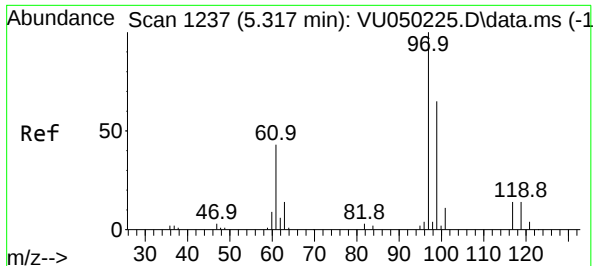
Ion Ratio Lower Upper

96 100

61 125.8 89.0 165.4

98 65.6 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.302 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050240.D

Acq: 11 Aug 2022 19:12

Instrument :

MSVOA_U

ClientSampleId :

BGBW0

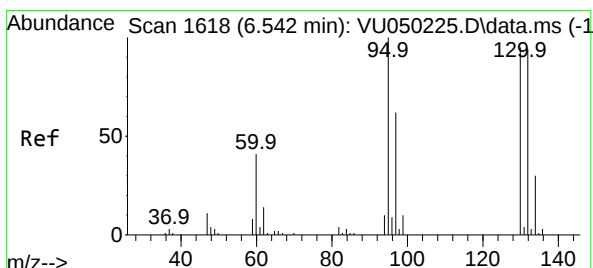
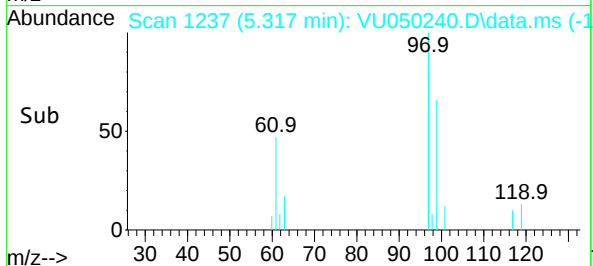
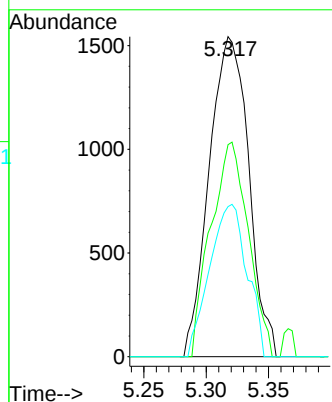
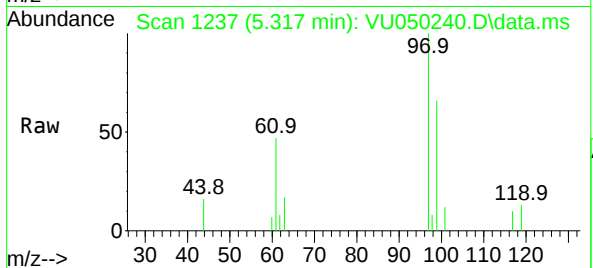
Tgt Ion: 97 Resp: 3398

Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 45.2 34.2 51.4



#34

Trichloroethene

Concen: 8.515 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU050240.D

Acq: 11 Aug 2022 19:12

Tgt Ion: 95 Resp: 66159

Ion Ratio Lower Upper

95 100

97 64.3 45.6 84.8

132 93.9 65.0 120.6

130 98.7 69.3 128.7

