

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020323\
 Data File : VU052946.D
 Acq On : 03 Feb 2023 15:39
 Operator : JC/MD
 Sample : 01381-25 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 03 23:47:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 23:44:08 2023
 Response via : Initial Calibration

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

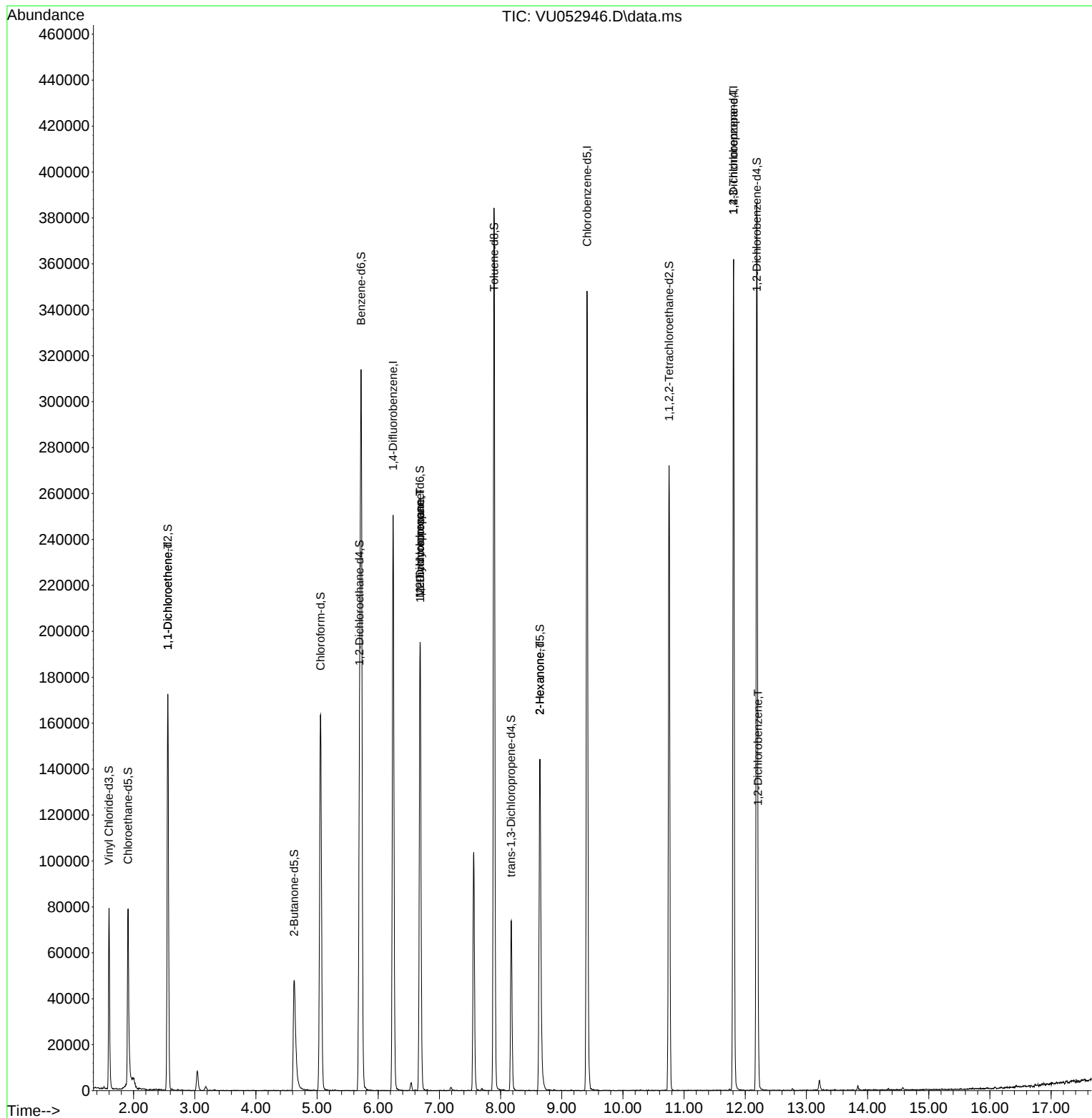
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	207020	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	202097	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97693	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61803	41.478	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.960%		
7) Chloroethane-d5	1.909	69	62653	51.030	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.060%		
11) 1,1-Dichloroethene-d2	2.559	63	101555	34.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.540%		
21) 2-Butanone-d5	4.623	46	79913	86.817	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.820%		
24) Chloroform-d	5.057	84	156561	49.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.460%		
26) 1,2-Dichloroethane-d4	5.694	65	104321	51.377	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.760%		
32) Benzene-d6	5.719	84	292566	47.384	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.760%		
36) 1,2-Dichloropropane-d6	6.684	67	88126	48.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.340%		
41) Toluene-d8	7.893	98	252035	44.827	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.660%		
43) trans-1,3-Dichloroprop...	8.172	79	42509	46.836	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.680%		
47) 2-Hexanone-d5	8.642	63	52773	82.940	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.940%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	127121	47.513	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.020%		
66) 1,2-Dichlorobenzene-d4	12.188	152	104521	55.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.559	96	841	0.549	ug/L #	1
35) Methylcyclohexane	6.684	83	24166	8.732	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10209	6.036	ug/L #	85
48) 2-Hexanone	8.642	43	9161	5.435	ug/L #	71
60) 1,2,3-Trichloropropane	11.809	75	10618	5.603	ug/L #	62
67) 1,2-Dichlorobenzene	12.208	146	6627	2.058	ug/L #	91

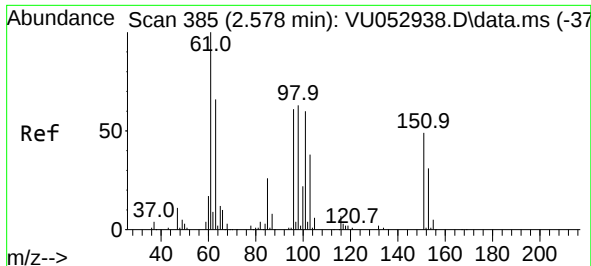
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.549 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.019 min

Lab File: VU052946.D

Acq: 03 Feb 2023 15:39

Instrument :

MSVOA_U

ClientSampleId :

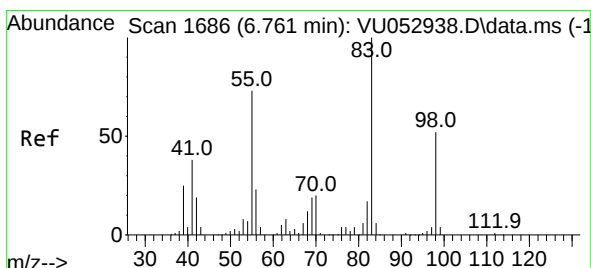
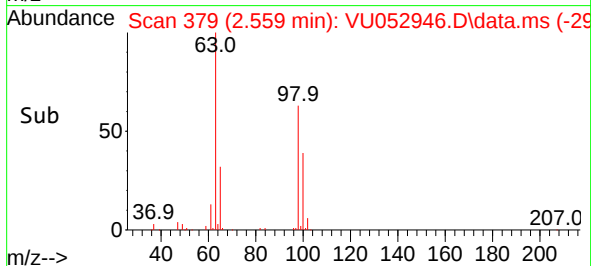
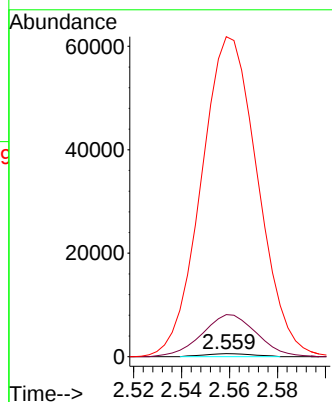
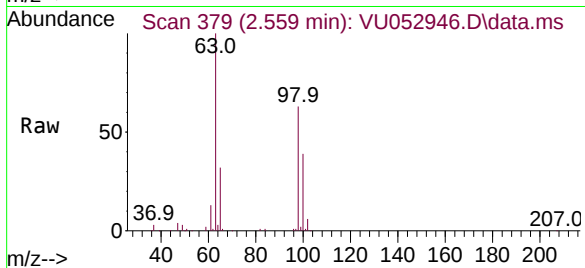
Tgt Ion: 96 Resp: 841

Ion Ratio Lower Upper

96 100

61 1416.2 114.3 212.3#

63 10777.7 80.6 149.6#



#35

Methylcyclohexane

Concen: 8.732 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.077 min

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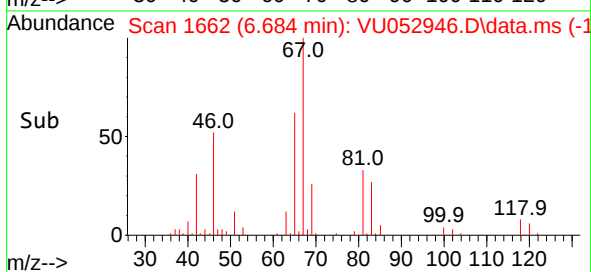
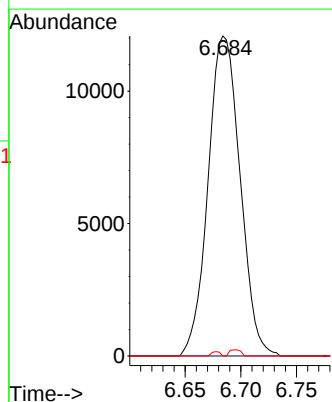
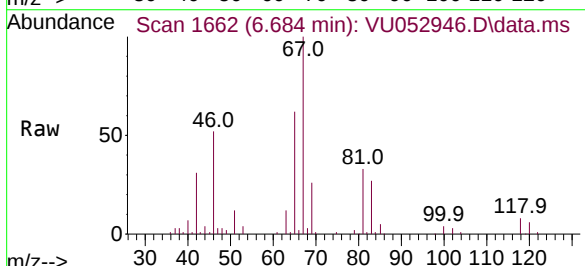
Tgt Ion: 83 Resp: 24166

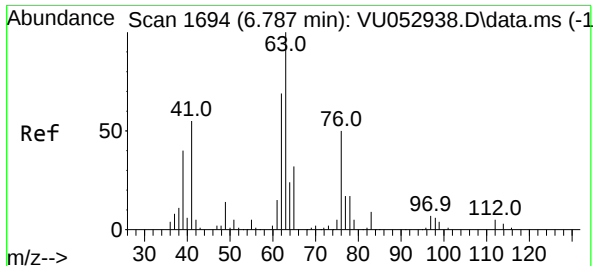
Ion Ratio Lower Upper

83 100

55 0.0 57.1 85.7#

98 0.4 38.9 58.3#

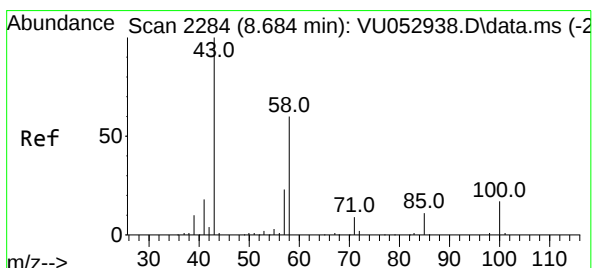
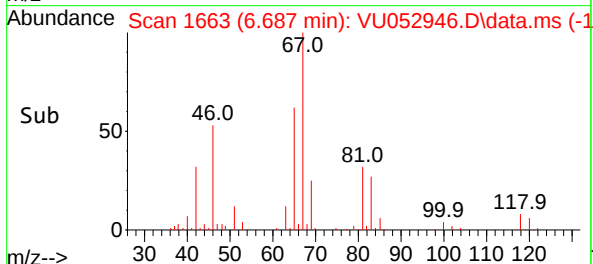
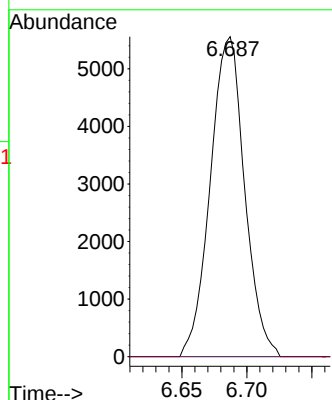
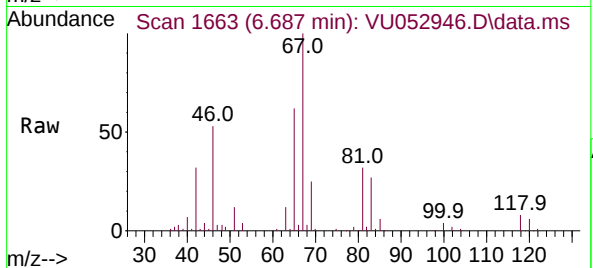




#37
1,2-Dichloropropane
Concen: 6.036 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052946.D
Acq: 03 Feb 2023 15:39

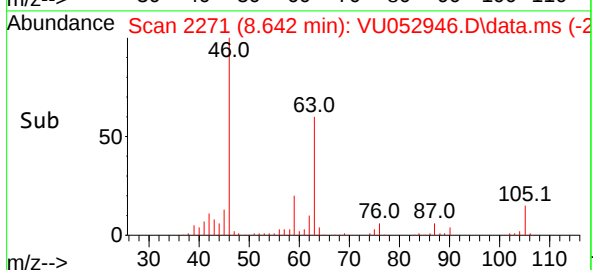
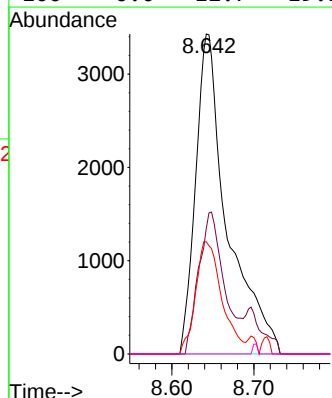
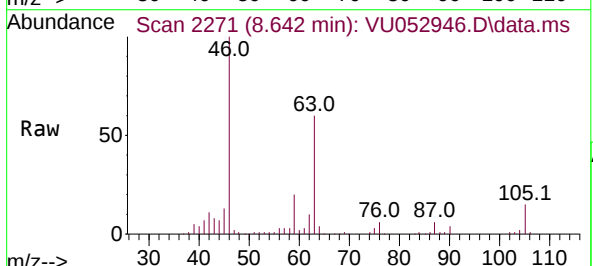
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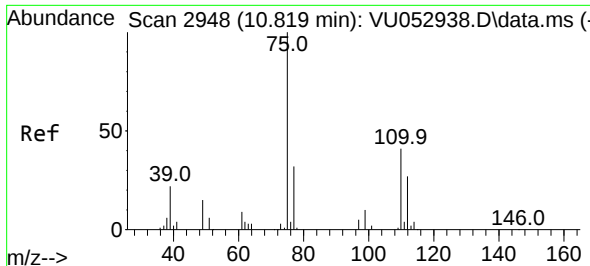
Tgt Ion: 63 Resp: 10209
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#48
2-Hexanone
Concen: 5.435 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.042 min
Lab File: VU052946.D
Acq: 03 Feb 2023 15:39

Tgt Ion: 43 Resp: 9161
Ion Ratio Lower Upper
43 100
58 36.5 48.0 72.0#
57 29.4 16.8 25.2#
100 0.0 12.7 19.1#

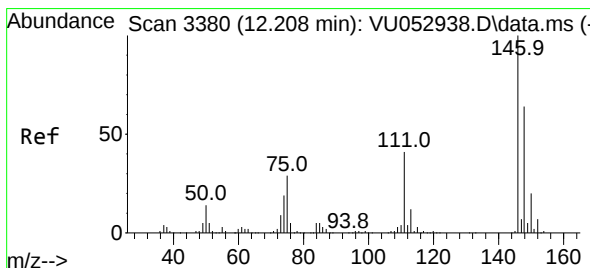
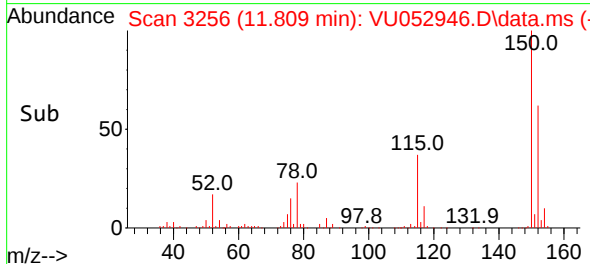
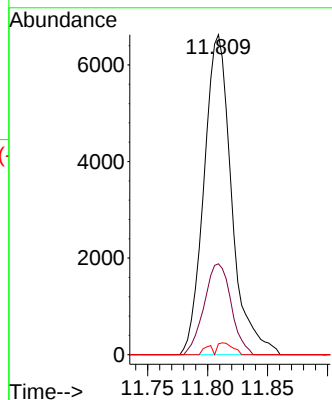
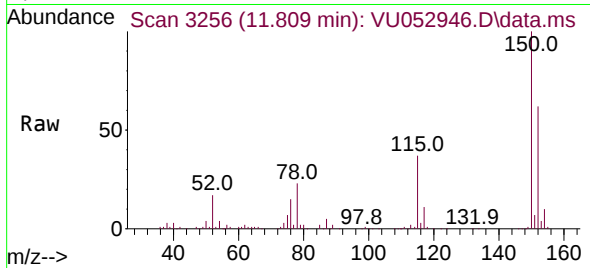




#60
1,2,3-Trichloropropane
Concen: 5.603 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052946.D
Acq: 03 Feb 2023 15:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10618
Ion Ratio Lower Upper
75 100
77 27.8 25.8 38.8
110 2.0 32.4 48.6#



#67
1,2-Dichlorobenzene
Concen: 2.058 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU052946.D
Acq: 03 Feb 2023 15:39

Tgt Ion: 146 Resp: 6627
Ion Ratio Lower Upper
146 100
111 52.3 33.2 49.8#
148 65.6 50.2 75.4

