

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122723\
 Data File : VX039489.D
 Acq On : 27 Dec 2023 12:20
 Operator : JC/MD
 Sample : 05989-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F7A61

Quant Time: Dec 28 04:08:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 28 04:06:47 2023
 Response via : Initial Calibration

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

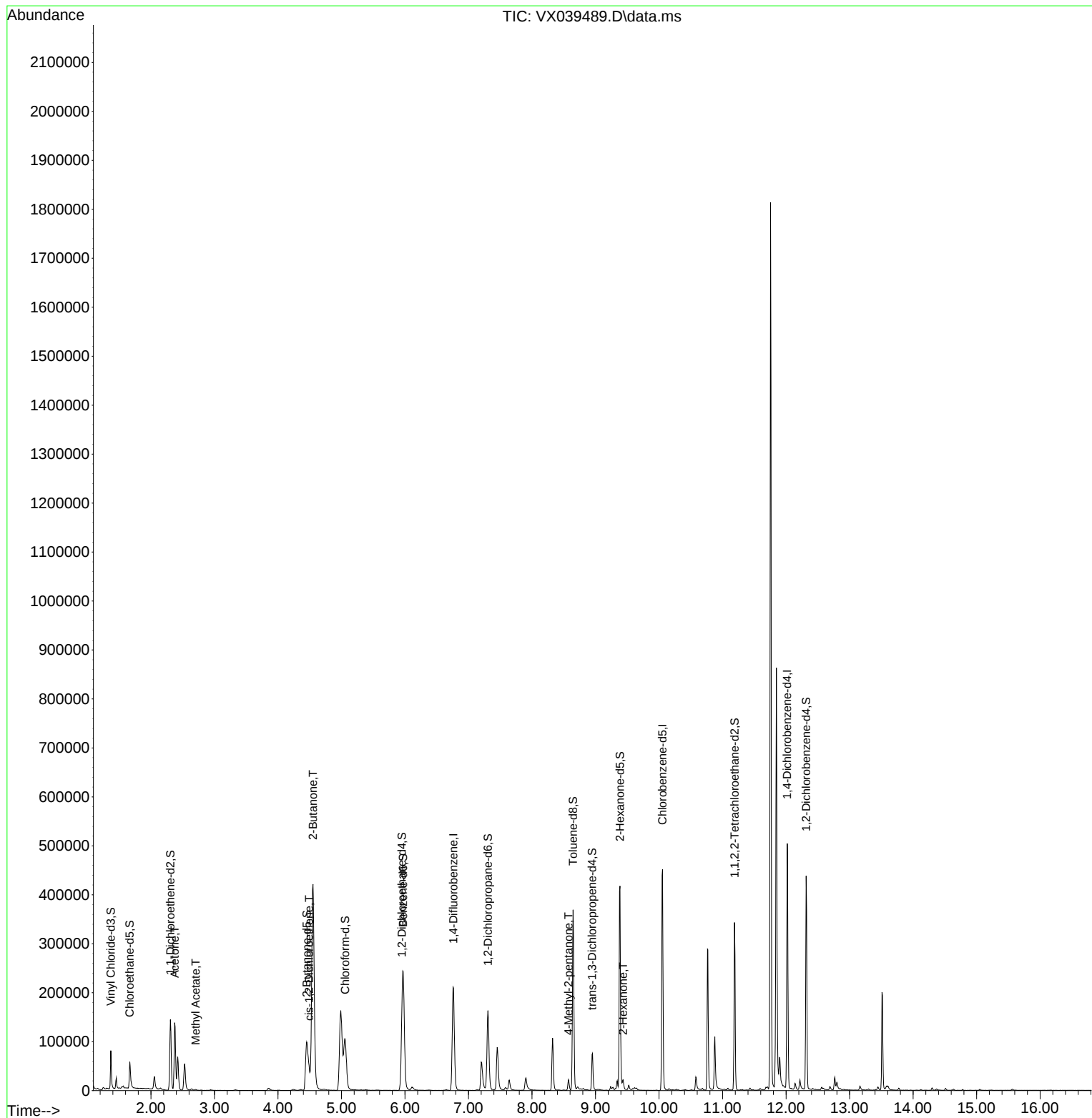
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	203972	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190776	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	93056	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48747	30.470	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	60.940%		
7) Chloroethane-d5	1.666	69	42051	35.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.120%		
11) 1,1-Dichloroethene-d2	2.307	65	25638	36.507	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.020%		
21) 2-Butanone-d5	4.452	46	166277	114.818	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.820%		
24) Chloroform-d	5.056	84	121765	42.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.980%		
26) 1,2-Dichloroethane-d4	5.952	65	82795	45.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.280%		
32) Benzene-d6	5.970	84	234712	39.865	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.720%		
36) 1,2-Dichloropropane-d6	7.306	67	79390	41.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.800%		
41) Toluene-d8	8.647	98	208631	39.101	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.200%#		
43) trans-1,3-Dichloroprop...	8.946	79	34650	35.935	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.880%		
47) 2-Hexanone-d5	9.384	63	118733	104.916	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.920%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	124873	46.457	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.920%		
66) 1,2-Dichlorobenzene-d4	12.317	152	77120	43.845	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.680%		
Target Compounds						Qvalue
13) Acetone	2.374	43	142520	102.442	ug/L	98
15) Methyl Acetate	2.703	43	1834	0.922	ug/L #	90
20) cis-1,2-Dichloroethene	4.489	96	18405	11.461	ug/L	99
22) 2-Butanone	4.550	43	746121	436.997	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	13191	4.681	ug/L	100
48) 2-Hexanone	9.433	43	12130	5.143	ug/L	93

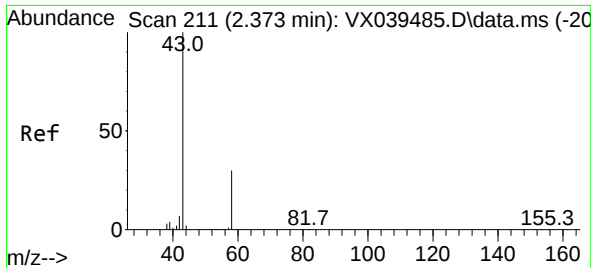
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 28 04:06:47 2023
Response via : Initial Calibration





#13

Acetone

Concen: 102.442 ug/L

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039489.D

Acq: 27 Dec 2023 12:20

Instrument :

MSVOA_X

ClientSampleId :

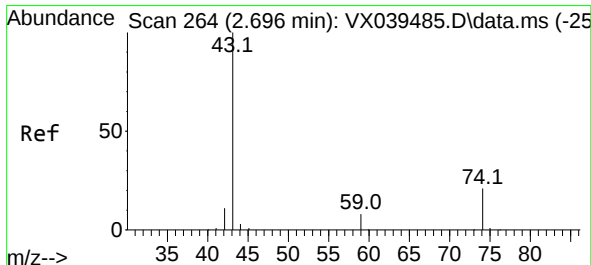
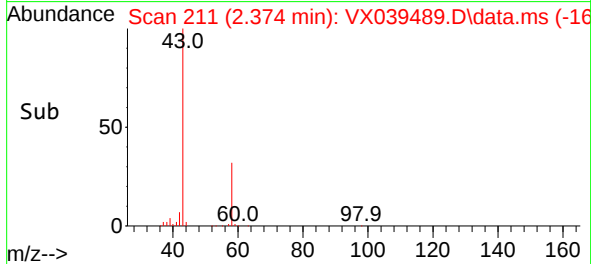
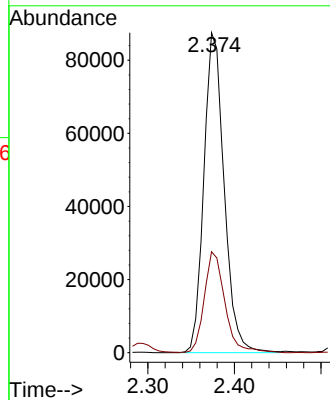
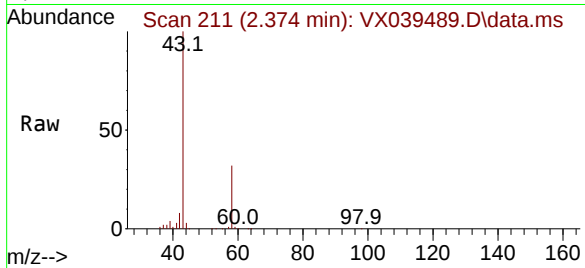
F7A61

Tgt Ion: 43 Resp: 142520

Ion Ratio Lower Upper

43 100

58 32.0 0.0 65.8



#15

Methyl Acetate

Concen: 0.922 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX039489.D

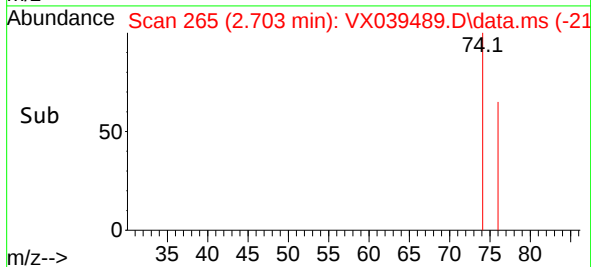
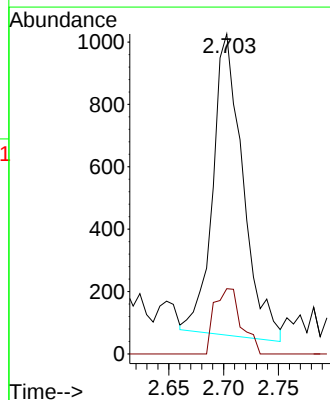
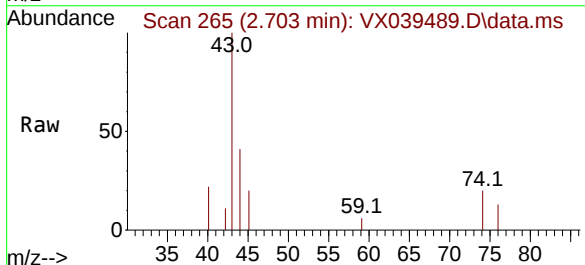
Acq: 27 Dec 2023 12:20

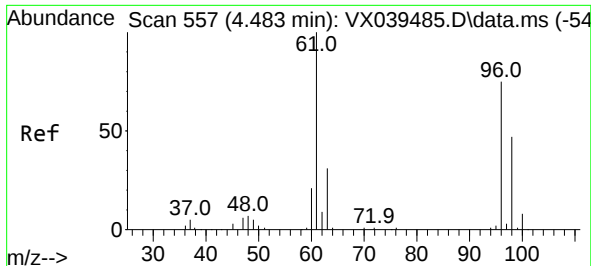
Tgt Ion: 43 Resp: 1834

Ion Ratio Lower Upper

43 100

74 18.1 18.2 27.4#

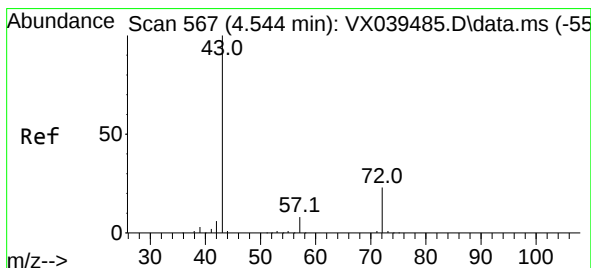
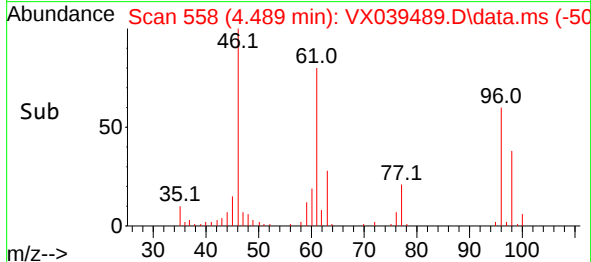
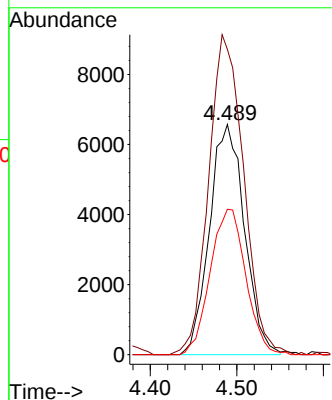
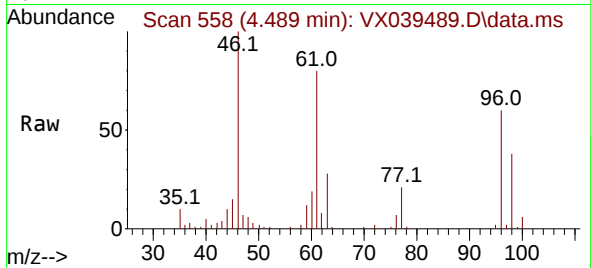




#20
 cis-1,2-Dichloroethene
 Concen: 11.461 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX039489.D
 Acq: 27 Dec 2023 12:20

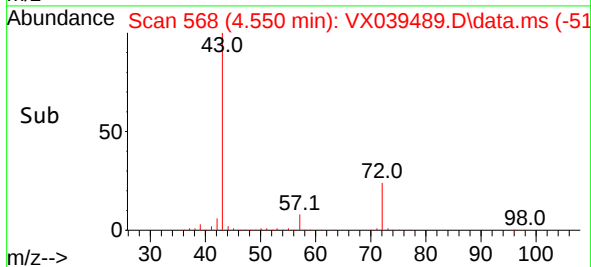
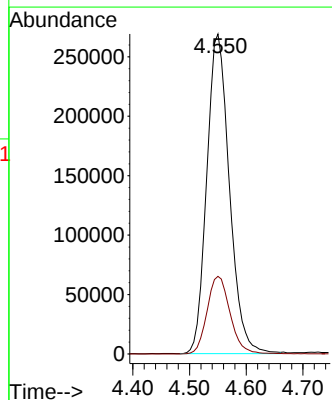
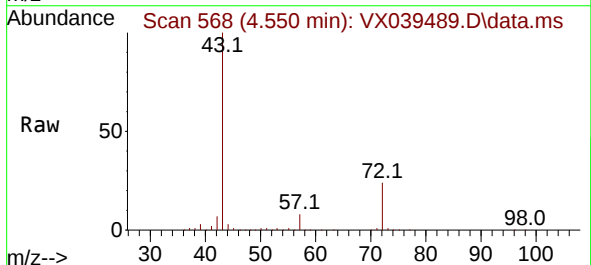
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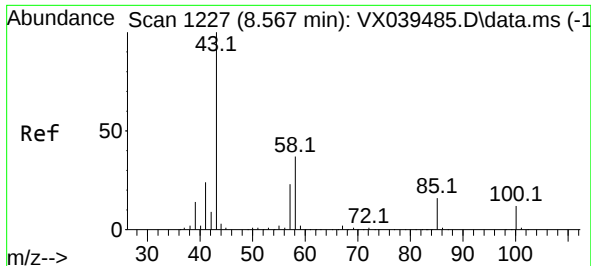
Tgt Ion: 96	Resp: 18405
Ion Ratio	Lower Upper
96 100	
61 132.6	91.7 170.3
98 63.2	44.2 82.2



#22
 2-Butanone
 Concen: 436.997 ug/L
 RT: 4.550 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: VX039489.D
 Acq: 27 Dec 2023 12:20

Tgt Ion: 43	Resp: 746121
Ion Ratio	Lower Upper
43 100	
72 24.7	12.6 37.6





#40

4-Methyl-2-pentanone

Concen: 4.681 ug/L

RT: 8.574 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039489.D

Acq: 27 Dec 2023 12:20

Instrument :

MSVOA_X

ClientSampleId :

F7A61

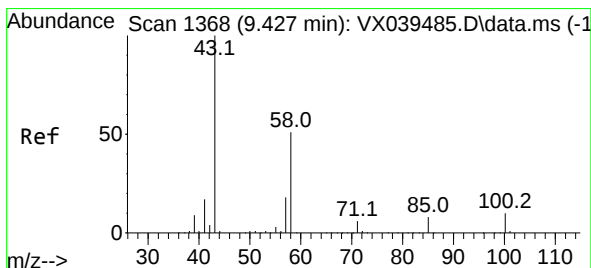
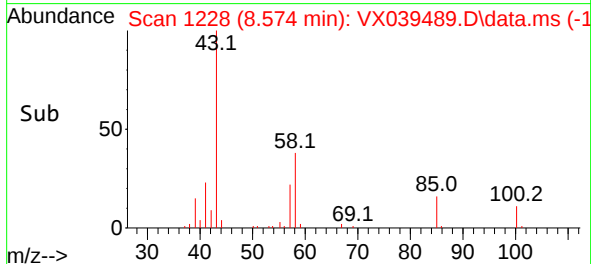
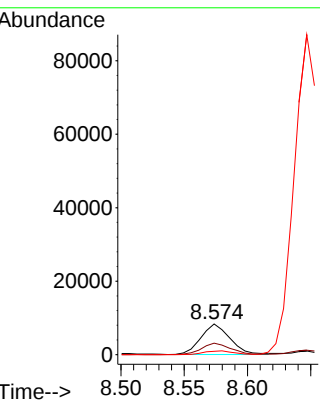
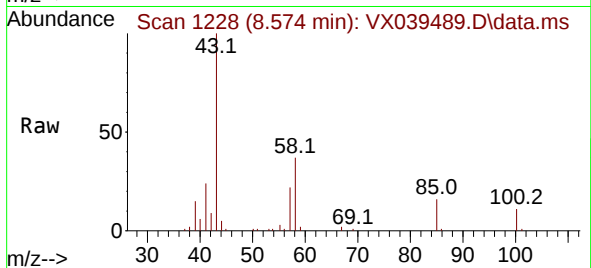
Tgt Ion: 43 Resp: 13191

Ion Ratio Lower Upper

43 100

58 38.4 30.9 46.3

100 12.9 10.6 16.0



#48

2-Hexanone

Concen: 5.143 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039489.D

Acq: 27 Dec 2023 12:20

Tgt Ion: 43 Resp: 12130

Ion Ratio Lower Upper

43 100

58 47.4 43.0 64.6

57 19.3 14.6 21.8

100 9.5 8.2 12.4

