

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056779.D
 Acq On : 12 Dec 2023 12:30
 Operator : MD/SY
 Sample : 05649-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0LQ2

Quant Time: Dec 13 00:31:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 00:30:00 2023
 Response via : Initial Calibration

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

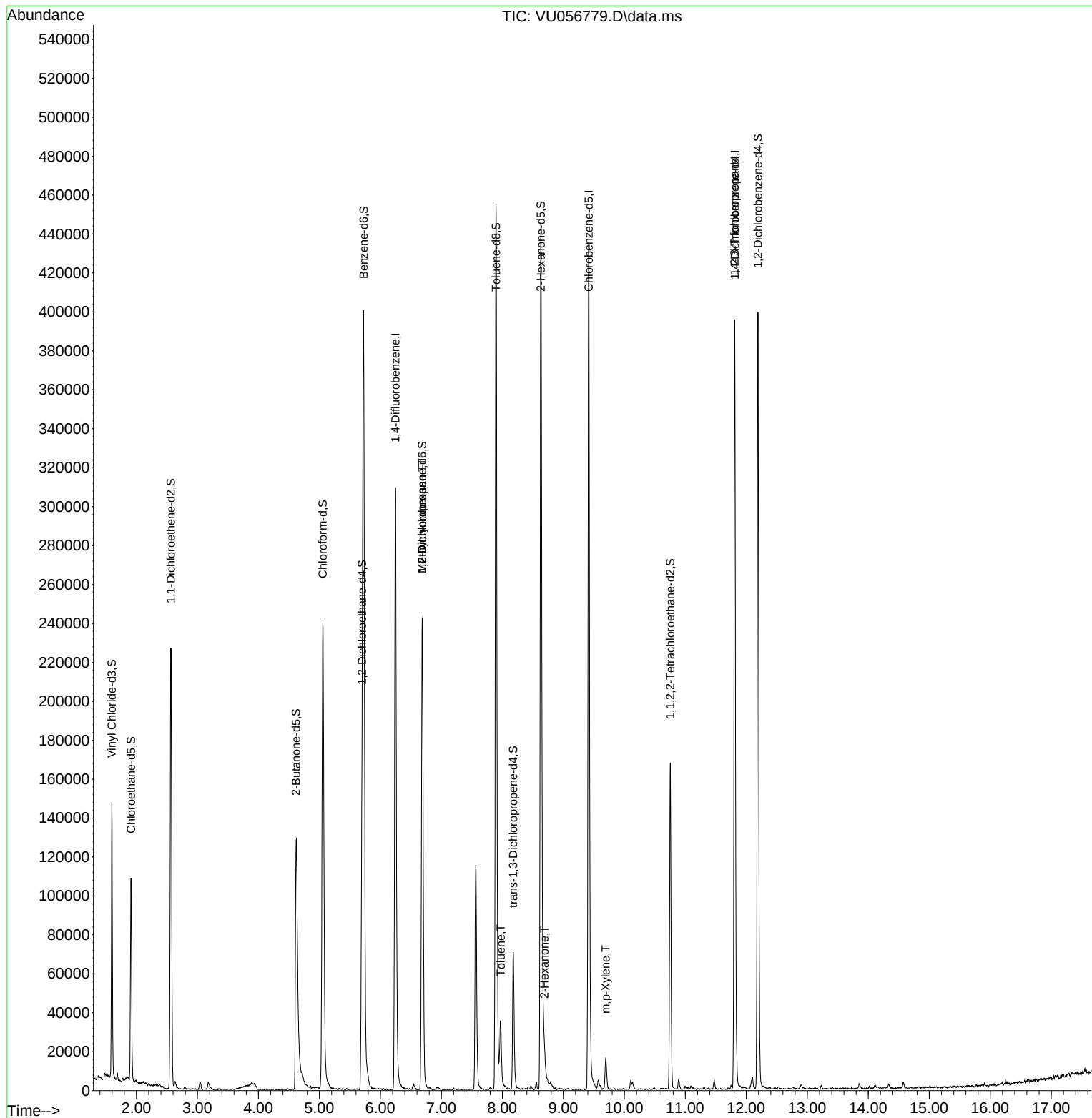
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254298	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	255388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	106763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	97958	4.494	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.911	69	81863	5.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.563	65	43703	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.618	46	207497	48.202	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.400%
24) Chloroform-d	5.055	84	198423	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.698	65	95888	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.724	84	390598	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.685	67	121158	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.894	98	320480	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.177	79	44375	4.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.631	63	156950	43.280	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.560%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82169	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	106628	5.081	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
35) Methylcyclohexane	6.685	83	28496	0.784	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	13350	0.581	ug/L #	89
42) Toluene	7.972	91	27268	0.294	ug/L	94
48) 2-Hexanone	8.689	43	8359	1.077	ug/L #	47
53) m,p-Xylene	9.695	106	5159	0.135	ug/L	87
61) 1,2,3-Trichloropropane	11.807	75	13507	1.178	ug/L #	69

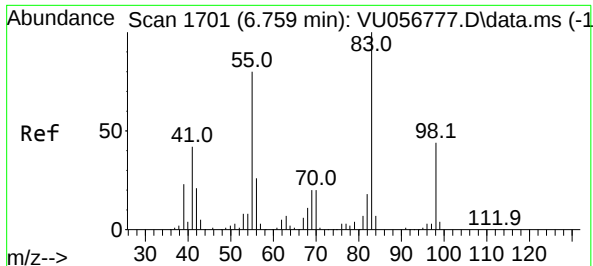
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#35

Methylcyclohexane

Concen: 0.784 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056779.D

Acq: 12 Dec 2023 12:30

Instrument :

MSVOA_U

ClientSampleId :

E0LQ2

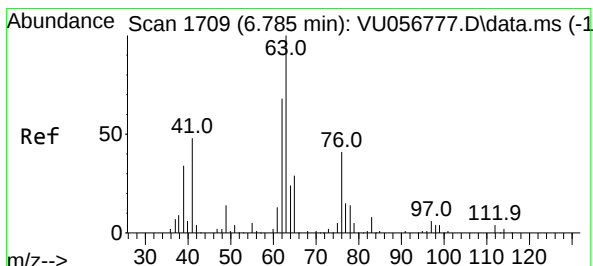
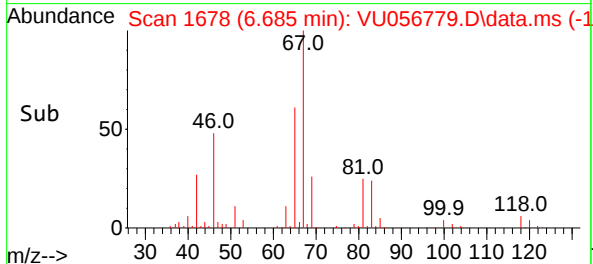
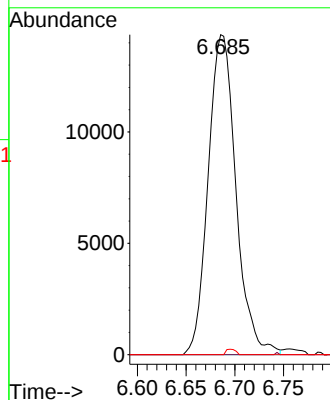
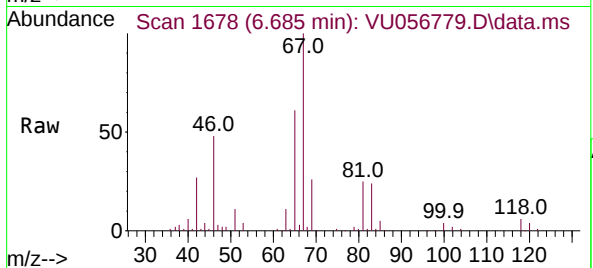
Tgt Ion: 83 Resp: 28496

Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 0.6 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.099 min

Lab File: VU056779.D

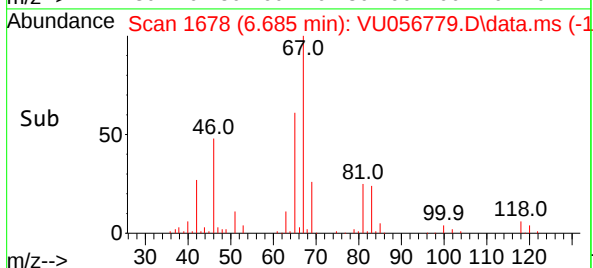
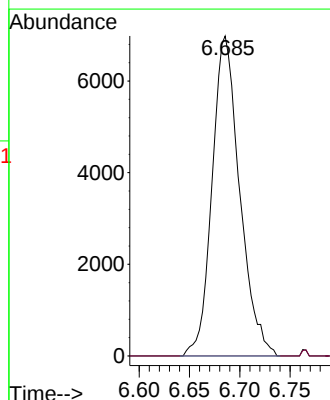
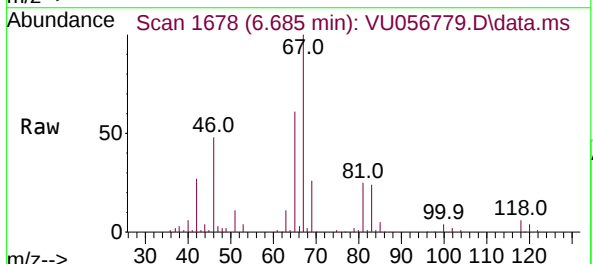
Acq: 12 Dec 2023 12:30

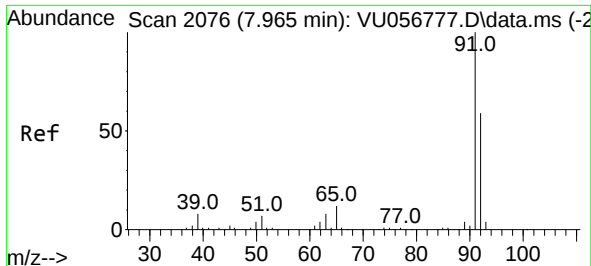
Tgt Ion: 63 Resp: 13350

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#





#42

Toluene

Concen: 0.294 ug/L

RT: 7.972 min Scan# 2076

Delta R.T. 0.007 min

Lab File: VU056779.D

Acq: 12 Dec 2023 12:30

Instrument :

MSVOA_U

ClientSampleId :

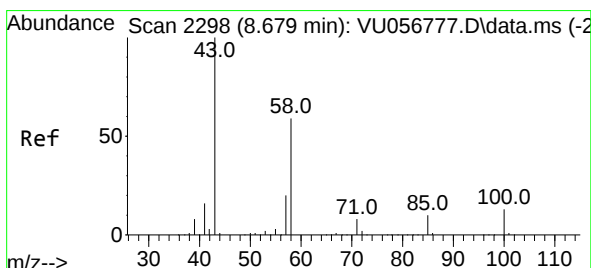
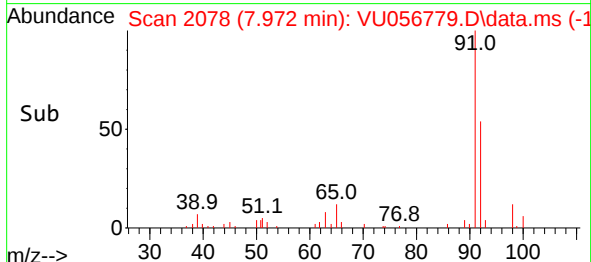
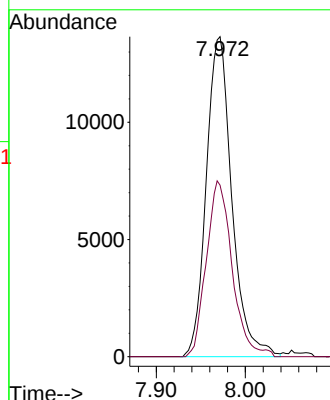
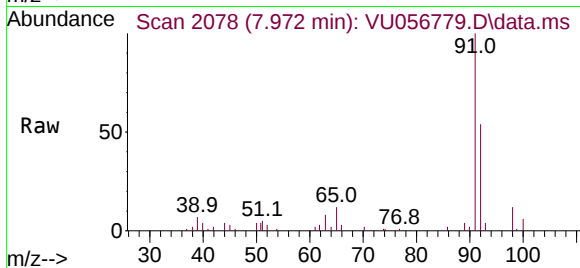
E0LQ2

Tgt Ion: 91 Resp: 27268

Ion Ratio Lower Upper

91 100

92 53.6 40.4 75.0



#48

2-Hexanone

Concen: 1.077 ug/L

RT: 8.689 min Scan# 2301

Delta R.T. 0.010 min

Lab File: VU056779.D

Acq: 12 Dec 2023 12:30

Tgt Ion: 43 Resp: 8359

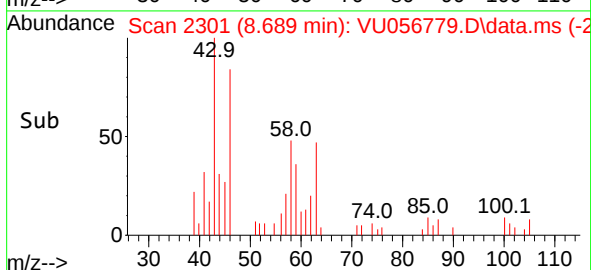
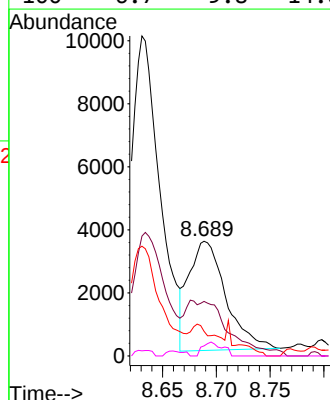
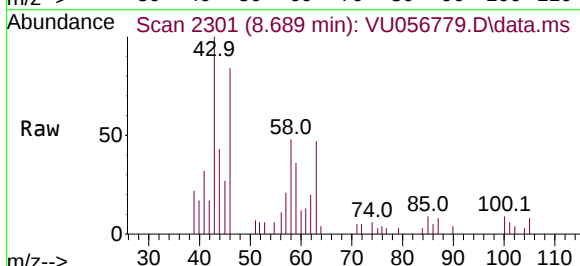
Ion Ratio Lower Upper

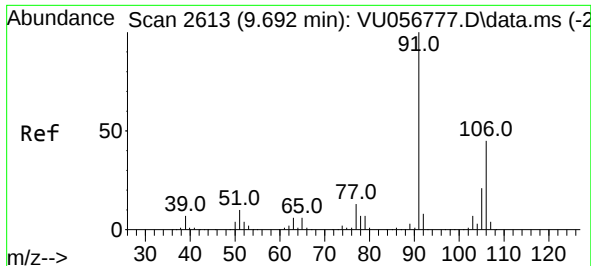
43 100

58 4.5 47.5 71.3#

57 11.7 17.0 25.4#

100 6.7 9.8 14.8#

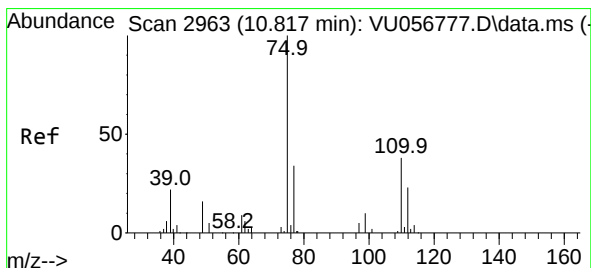
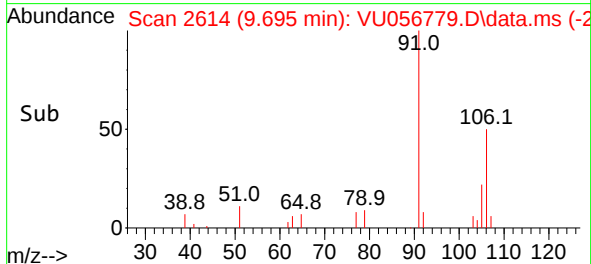
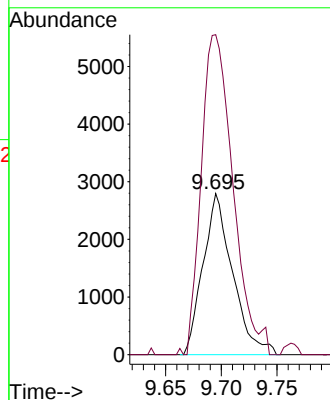
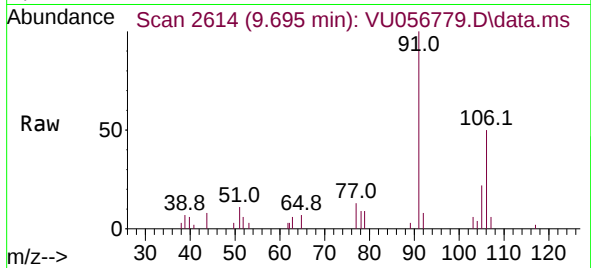




#53
m,p-Xylene
Concen: 0.135 ug/L
RT: 9.695 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056779.D
Acq: 12 Dec 2023 12:30

Instrument :
MSVOA_U
ClientSampleId :
E0LQ2

Tgt Ion:106 Resp: 5159
Ion Ratio Lower Upper
106 100
91 198.6 154.0 286.0



#61
1,2,3-Trichloropropane
Concen: 1.178 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU056779.D
Acq: 12 Dec 2023 12:30

Tgt Ion: 75 Resp: 13507
Ion Ratio Lower Upper
75 100
110 1.8 28.4 42.6#
77 32.1 26.3 39.5

