

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053059.D
 Acq On : 11 Feb 2023 19:42
 Operator : JC/MD
 Sample : 01533-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM19

Quant Time: Feb 12 22:51:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 12 22:49:21 2023
 Response via : Initial Calibration

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

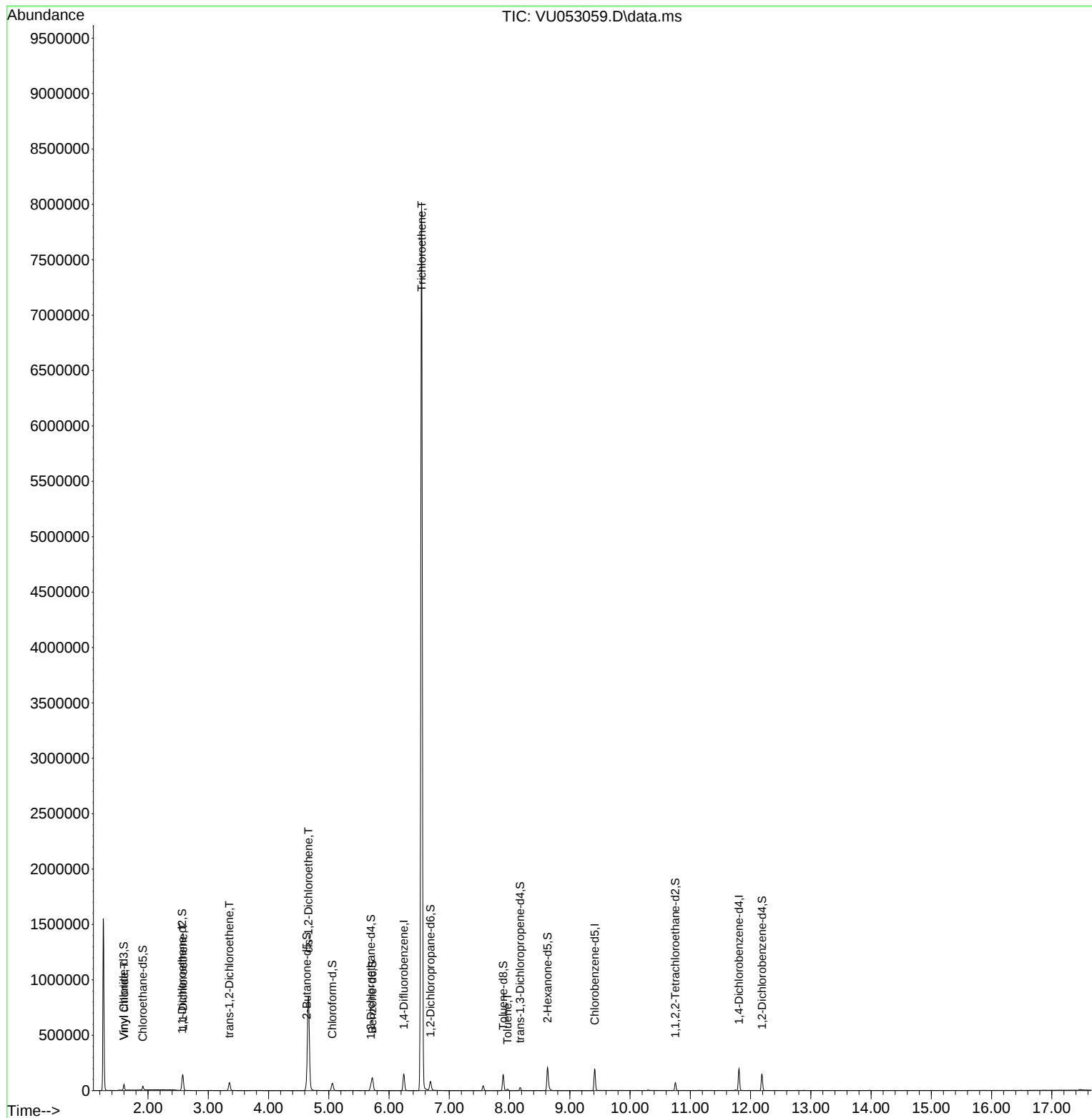
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	119651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	106426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	23932	4.175	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.913	69	24535	4.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.566	65	10872	4.135	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.636	46	94027	53.561	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.120%
24) Chloroform-d	5.058	84	60366	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.697	65	30773	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.723	84	112731	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.688	67	39647	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.894	98	98836	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.173	79	16411	4.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.630	63	77550	51.801	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.600%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35786	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	36209	4.901	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	15020	1.490	ug/L	98
12) 1,1-Dichloroethene	2.579	96	35993	5.085	ug/L	92
18) trans-1,2-Dichloroethene	3.350	96	30523	4.075	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	423102	50.053	ug/L	98
34) Trichloroethene	6.540	95	2642436	306.219	ug/L	97
42) Toluene	7.967	91	10463	0.314	ug/L	96

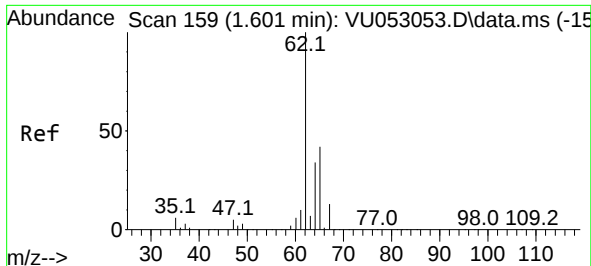
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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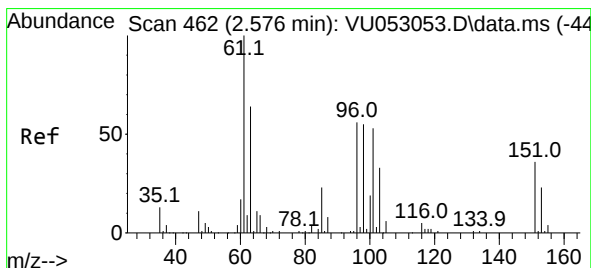
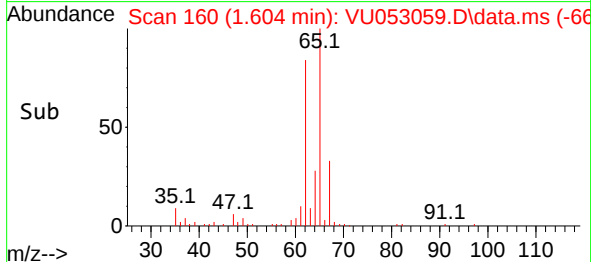
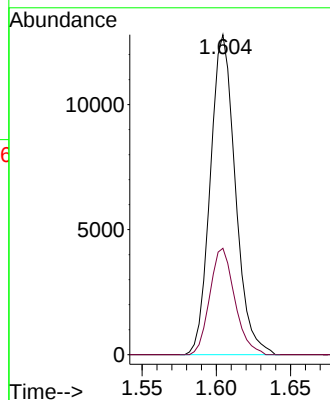
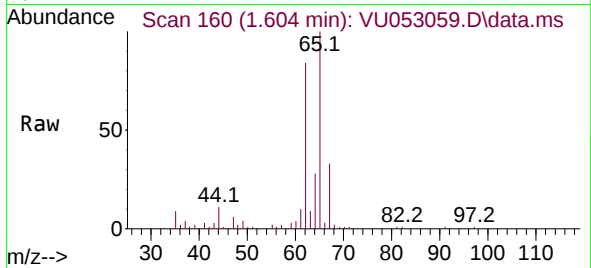




#5
 Vinyl chloride
 Concen: 1.490 ug/L
 RT: 1.604 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU053059.D
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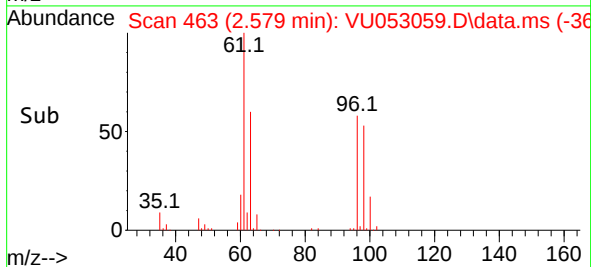
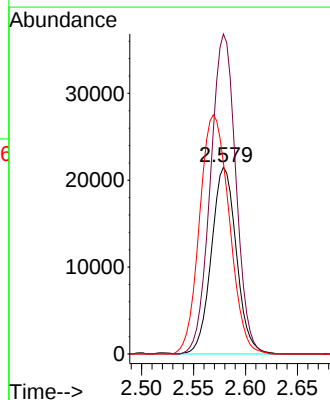
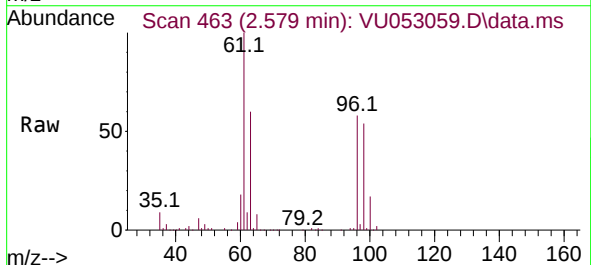
Instrument :
 MSVOA_U
 ClientSampleId :
 COM19

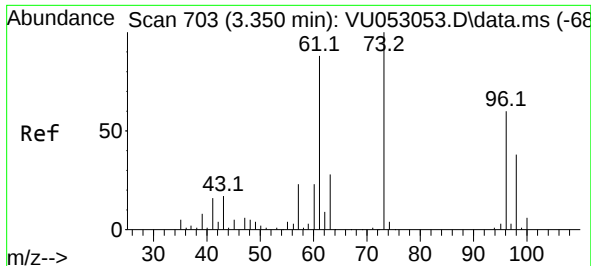
Tgt Ion: 62 Resp: 15020
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.5 41.9



#12
 1,1-Dichloroethene
 Concen: 5.085 ug/L
 RT: 2.579 min Scan# 463
 Delta R.T. 0.003 min
 Lab File: VU053059.D
 Acq: 11 Feb 2023 19:42

Tgt Ion: 96 Resp: 35993
 Ion Ratio Lower Upper
 96 100
 61 171.3 115.1 213.7
 63 102.5 63.6 118.0

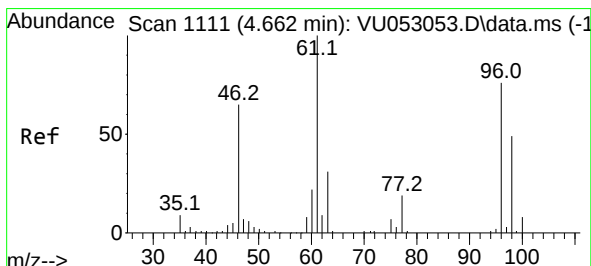
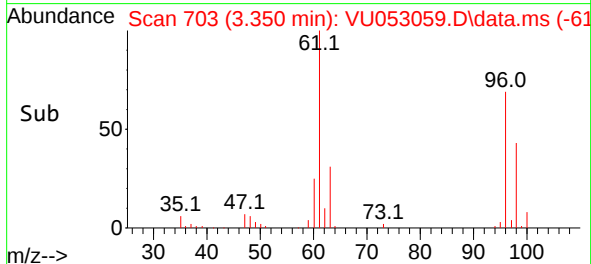
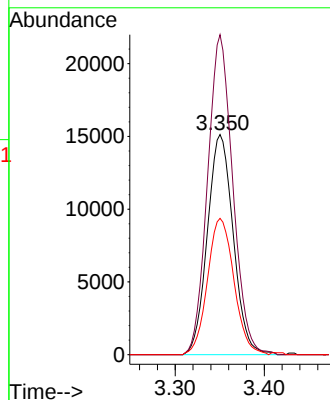
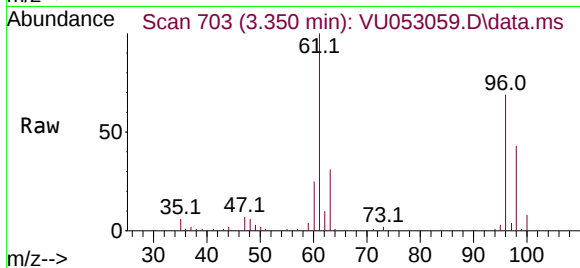




#18
trans-1,2-Dichloroethene
Concen: 4.075 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

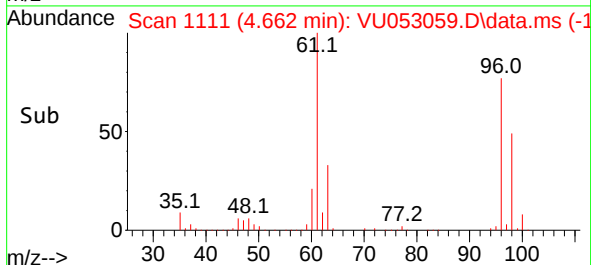
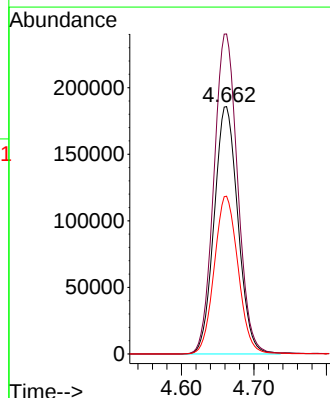
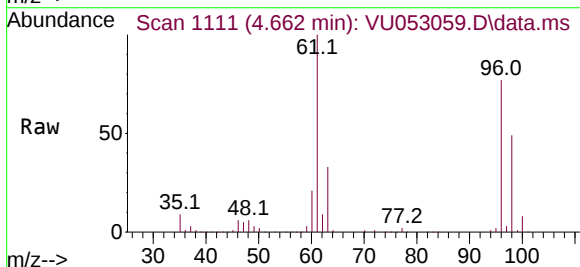
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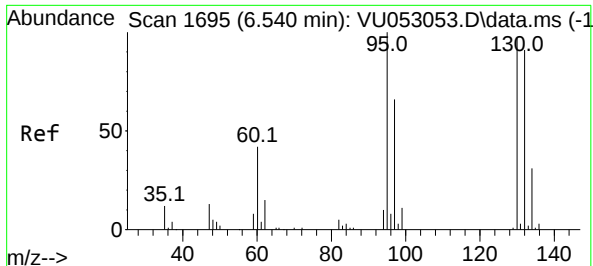
Tgt Ion: 96 Resp: 30523
Ion Ratio Lower Upper
96 100
61 145.3 99.5 184.9
98 61.9 44.8 83.2



#22
cis-1,2-Dichloroethene
Concen: 50.053 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053059.D
Acq: 11 Feb 2023 19:42

Tgt Ion: 96 Resp: 423102
Ion Ratio Lower Upper
96 100
61 129.4 90.9 168.9
98 63.8 47.0 87.4





#34

Trichloroethene

Concen: 306.219 ug/L

RT: 6.540 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053059.D

Acq: 11 Feb 2023 19:42

Instrument :

MSVOA_U

ClientSampleId :

COM19

Tgt Ion: 95 Resp: 2642436

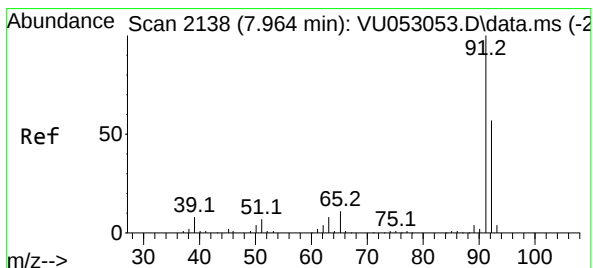
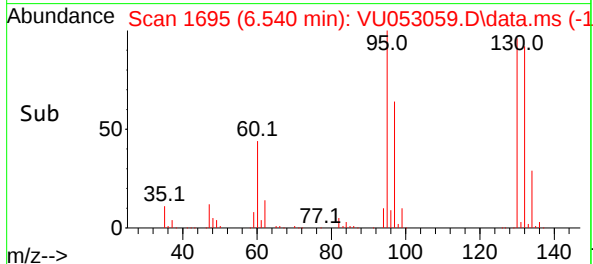
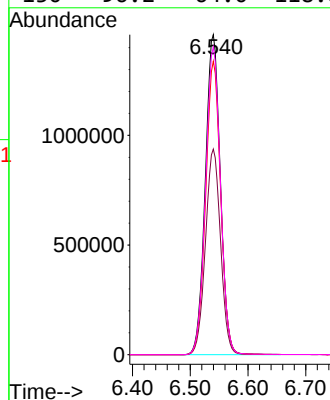
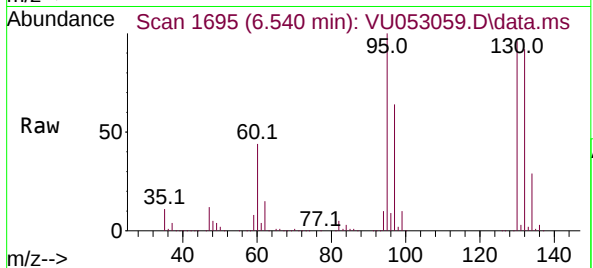
Ion Ratio Lower Upper

95 100

97 64.3 44.7 82.9

132 91.7 62.3 115.7

130 96.2 64.0 118.8



#42

Toluene

Concen: 0.314 ug/L

RT: 7.967 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU053059.D

Acq: 11 Feb 2023 19:42

Tgt Ion: 91 Resp: 10463

Ion Ratio Lower Upper

91 100

92 54.9 40.5 75.3

