

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053903.D
 Acq On : 26 Apr 2023 10:57
 Operator : JC/MD
 Sample : 02433-12 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE47

Quant Time: Apr 27 05:53:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

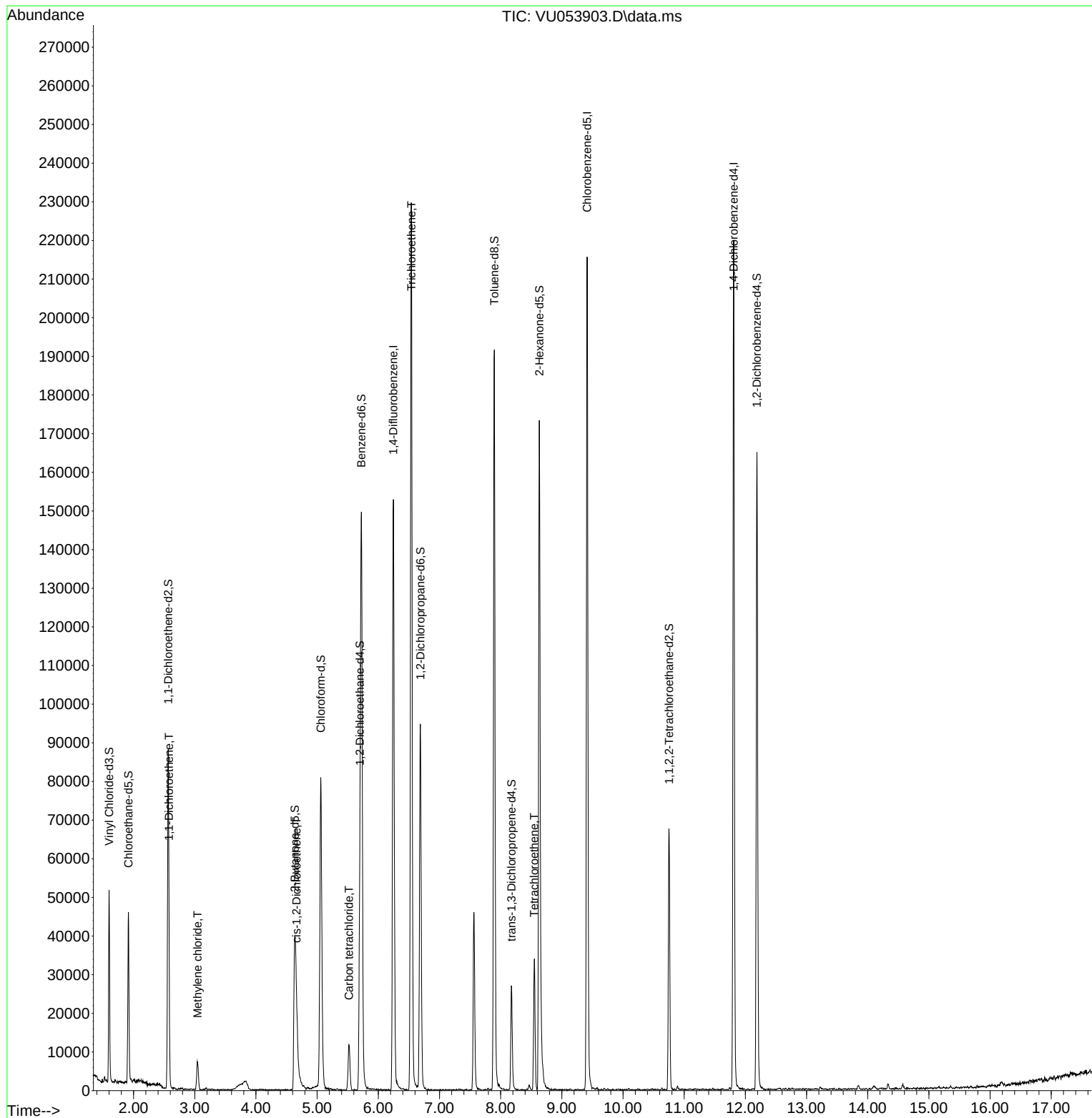
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	135627	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	127255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36911	4.468	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.916	69	32404	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.568	65	15843	4.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.636	46	72015	47.596	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.200%
24) Chloroform-d	5.060	84	74814	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.700	65	34501	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.723	84	150391	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.687	67	48218	5.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.896	98	134032	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.176	79	17014	4.770	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.632	63	64385	51.007	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34042	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	47423	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	1732	0.203	ug/L	# 1
16) Methylene chloride	3.044	84	4016	0.345	ug/L	93
22) cis-1,2-Dichloroethene	4.662	96	3268	0.336	ug/L	84
31) Carbon tetrachloride	5.520	117	8137	0.654	ug/L	97
34) Trichloroethene	6.539	95	77645	7.944	ug/L	98
47) Tetrachloroethene	8.549	164	7771	1.003	ug/L	95

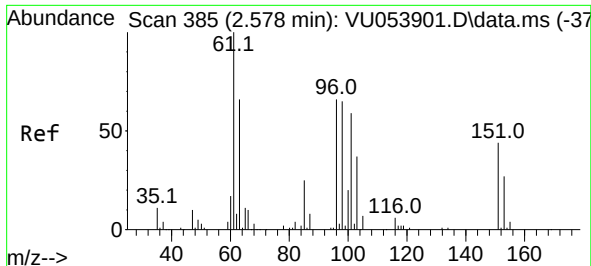
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.203 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU053903.D

Acq: 26 Apr 2023 10:57

Instrument :

MSVOA_U

ClientSampleId :

BHE47

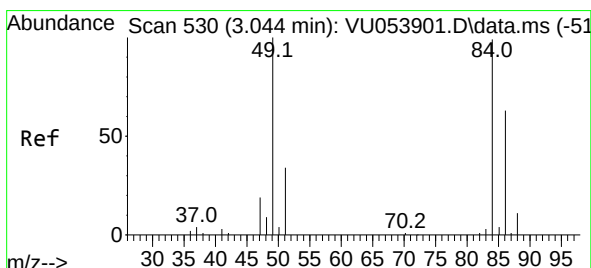
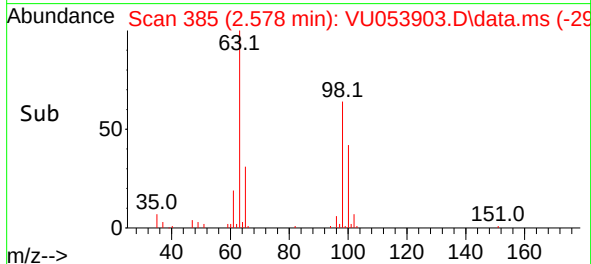
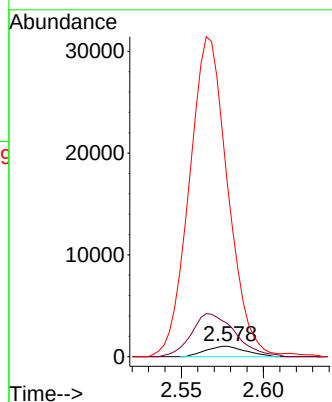
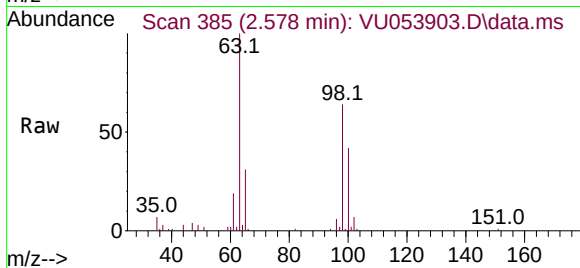
Tgt Ion: 96 Resp: 1732

Ion Ratio Lower Upper

96 100

61 318.8 111.5 207.1#

63 1654.7 68.7 127.7#



#16

Methylene chloride

Concen: 0.345 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU053903.D

Acq: 26 Apr 2023 10:57

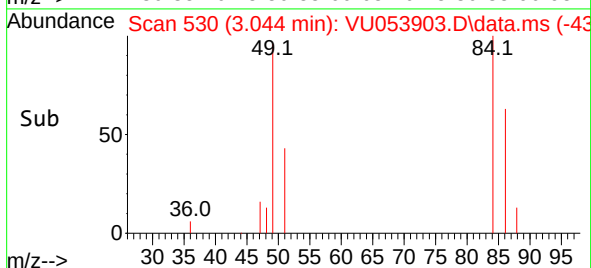
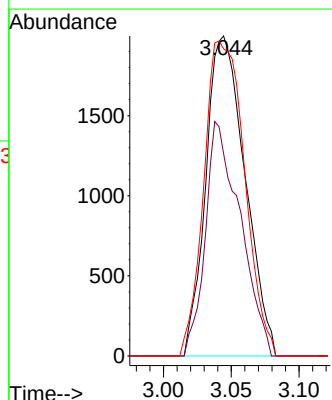
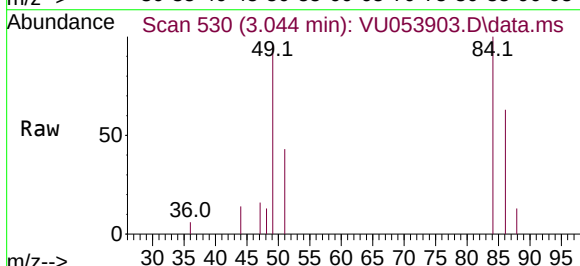
Tgt Ion: 84 Resp: 4016

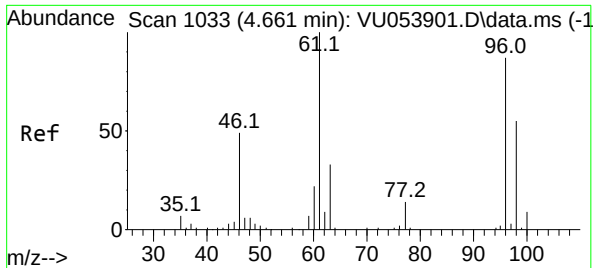
Ion Ratio Lower Upper

84 100

86 63.3 45.0 83.6

49 96.0 74.8 138.8

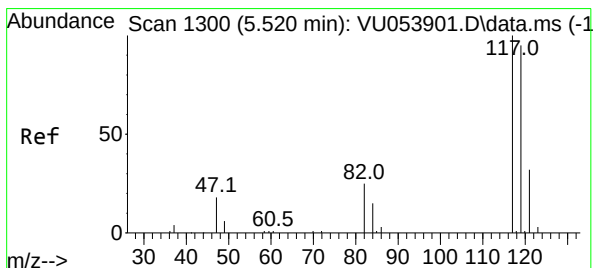
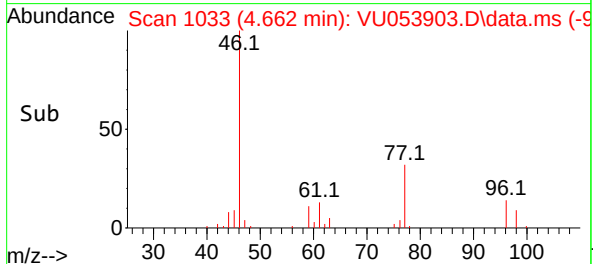
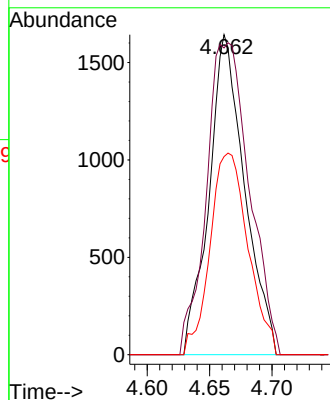
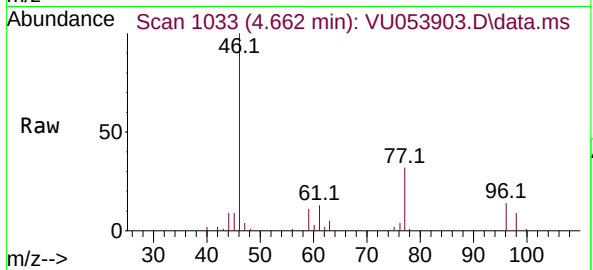




#22
 cis-1,2-Dichloroethene
 Concen: 0.336 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU053903.D
 Acq: 26 Apr 2023 10:57

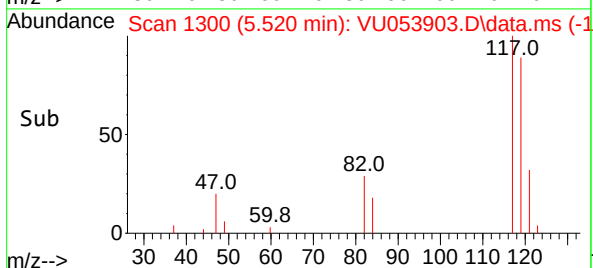
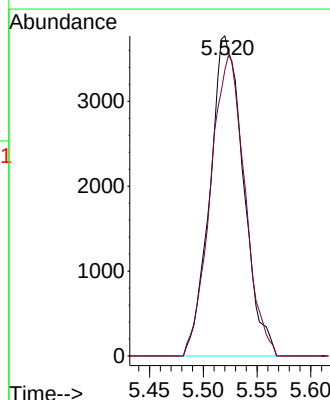
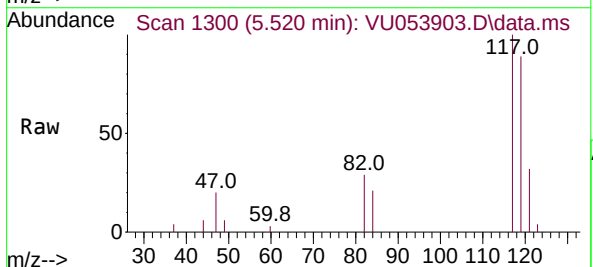
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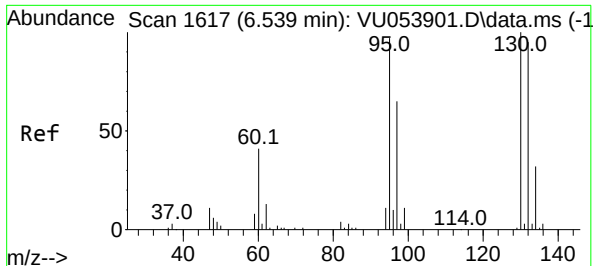
Tgt Ion: 96 Resp: 3268
 Ion Ratio Lower Upper
 96 100
 61 95.9 84.3 156.5
 98 61.9 46.4 86.2



#31
 Carbon tetrachloride
 Concen: 0.654 ug/L
 RT: 5.520 min Scan# 1300
 Delta R.T. 0.000 min
 Lab File: VU053903.D
 Acq: 26 Apr 2023 10:57

Tgt Ion: 117 Resp: 8137
 Ion Ratio Lower Upper
 117 100
 119 96.6 75.0 112.6





#34

Trichloroethene

Concen: 7.944 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053903.D

Acq: 26 Apr 2023 10:57

Instrument :

MSVOA_U

ClientSampleId :

BHE47

Tgt Ion: 95 Resp: 77645

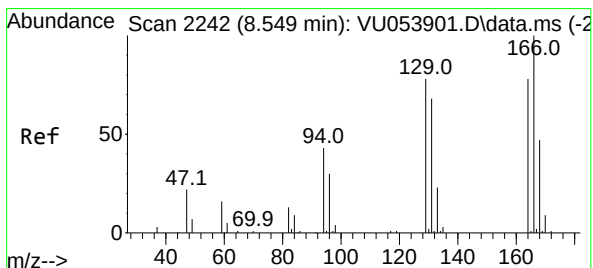
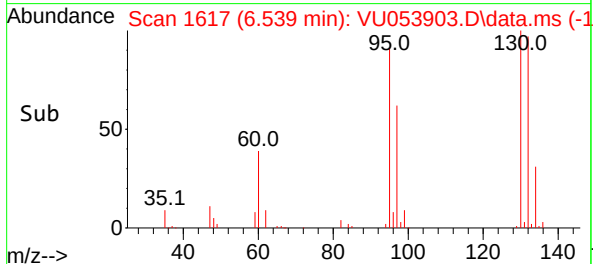
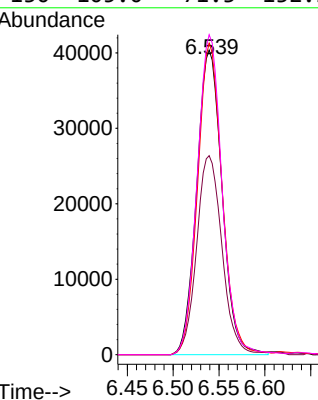
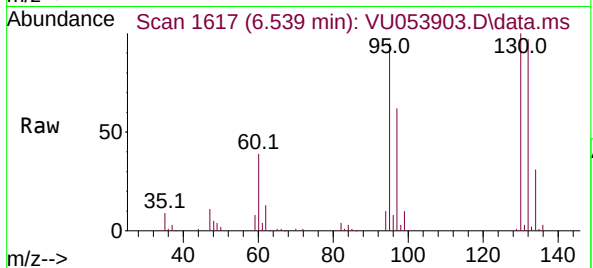
Ion Ratio Lower Upper

95 100

97 65.3 45.1 83.9

132 102.2 69.9 129.9

130 105.0 71.3 132.3



#47

Tetrachloroethene

Concen: 1.003 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VU053903.D

Acq: 26 Apr 2023 10:57

Tgt Ion:164 Resp: 7771

Ion Ratio Lower Upper

164 100

129 108.5 68.3 126.8

131 92.1 64.4 119.6

166 129.8 88.3 163.9

