

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026727.D
 Acq On : 12 Jul 2022 15:22
 Operator : SY/MD
 Sample : N3601-15DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA6DL

Quant Time: Jul 13 03:02:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

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

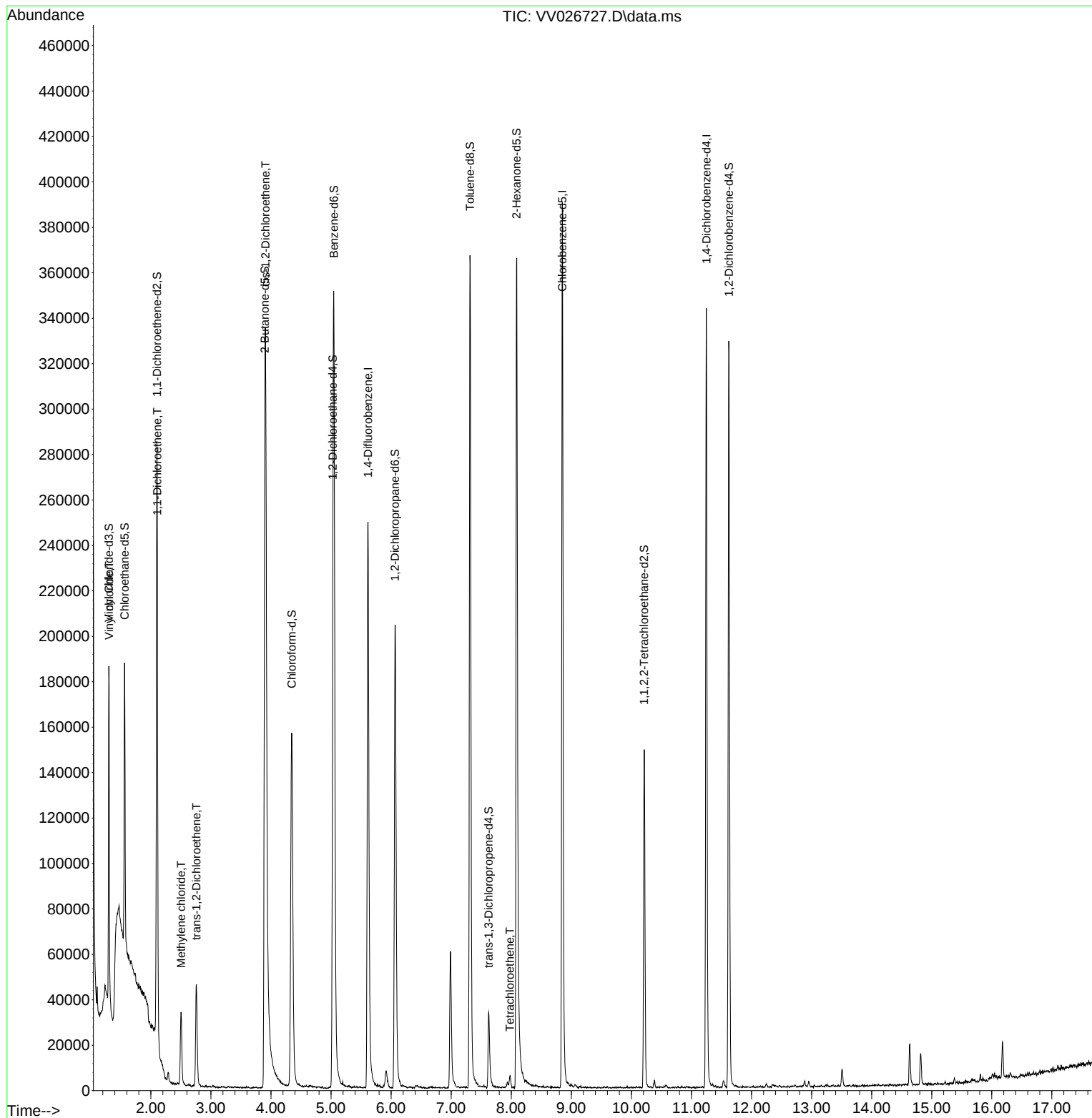
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	220008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	217700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	91310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	95708	4.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.565	69	84176	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.101	63	136082	3.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	3.899	46	179819	57.403	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.800%
24) Chloroform-d	4.346	84	171017	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.031	65	79250	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.047	84	328529	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.066	67	103023	5.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.313	98	251109	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.625	79	22969	3.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.088	63	134792	47.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	73516	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	85058	5.346	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	3961	0.145	ug/L #	17
12) 1,1-Dichloroethene	2.108	96	2980	0.154	ug/L #	1
16) Methylene chloride	2.503	84	14039	0.611	ug/L	94
18) trans-1,2-Dichloroethene	2.757	96	18218	1.028	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	152416	8.523	ug/L	97
47) Tetrachloroethene	7.979	164	1308	0.093	ug/L #	77

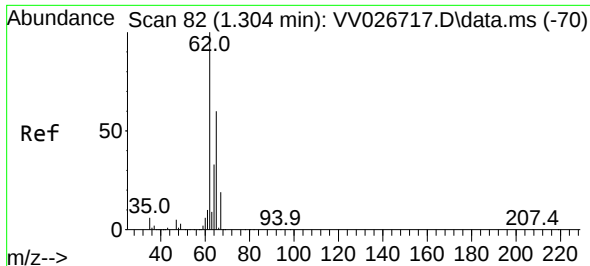
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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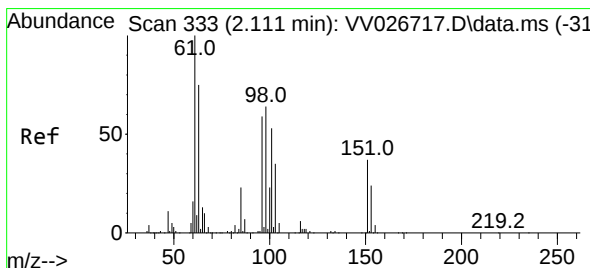
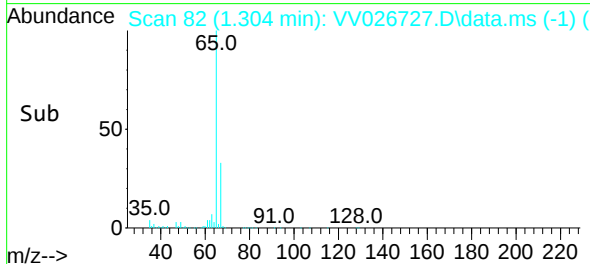
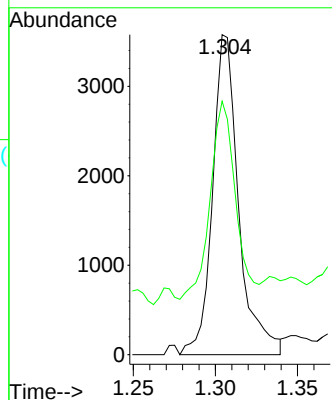
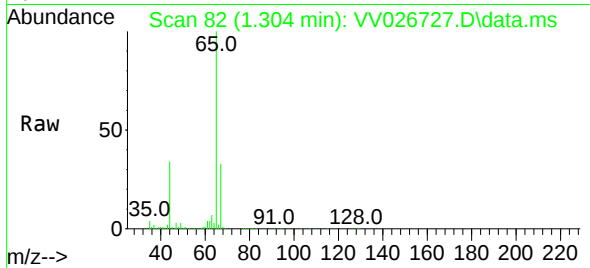




#5
 Vinyl chloride
 Concen: 0.145 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV026727.D
 Acq: 12 Jul 2022 15:22

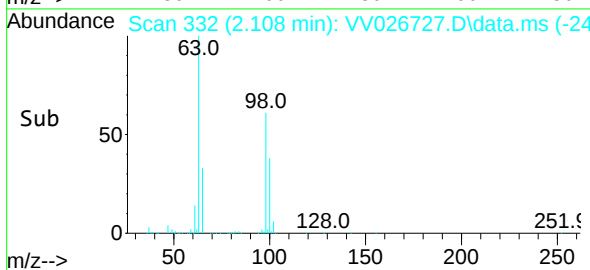
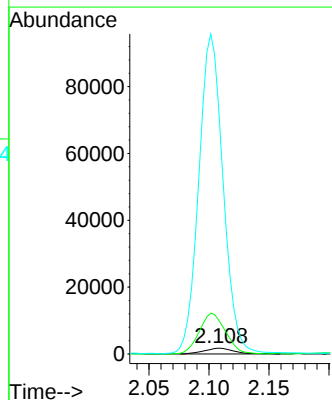
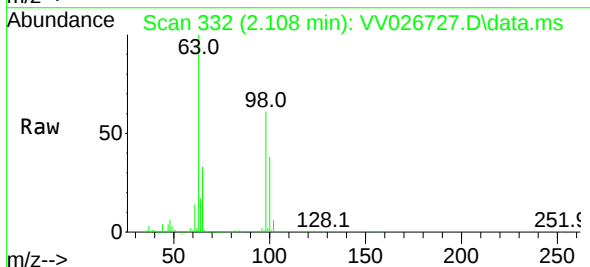
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA6DL

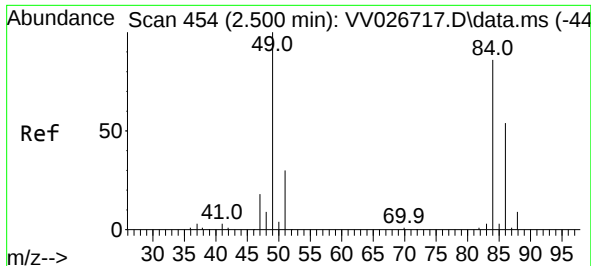
Tgt Ion: 62 Resp: 3961
 Ion Ratio Lower Upper
 62 100
 64 79.2 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 0.154 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV026727.D
 Acq: 12 Jul 2022 15:22

Tgt Ion: 96 Resp: 2980
 Ion Ratio Lower Upper
 96 100
 61 586.6 118.3 219.7#
 63 4274.2 79.9 148.3#

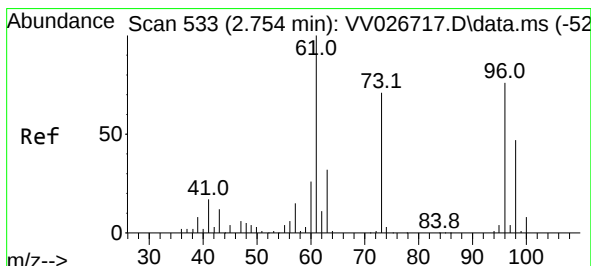
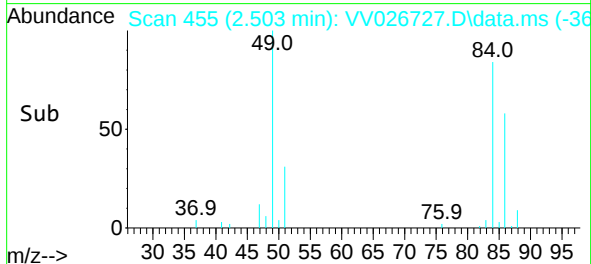
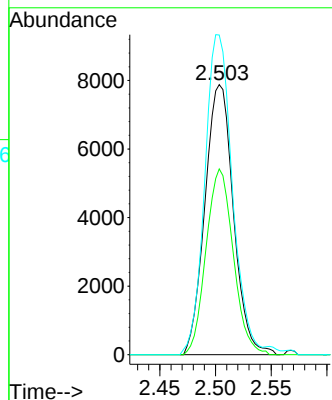
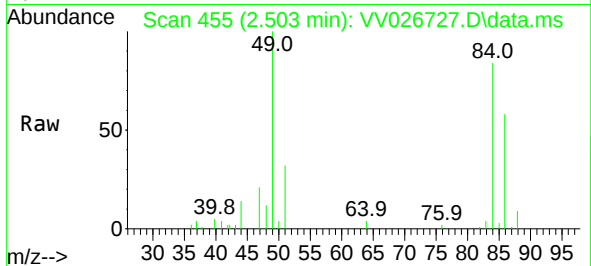




#16
Methylene chloride
Concen: 0.611 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026727.D
Acq: 12 Jul 2022 15:22

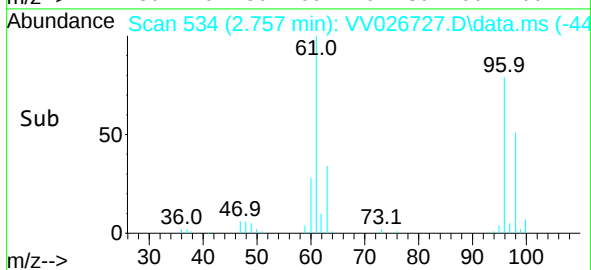
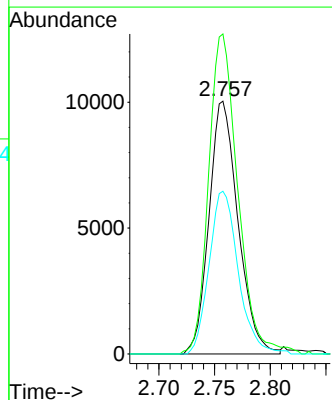
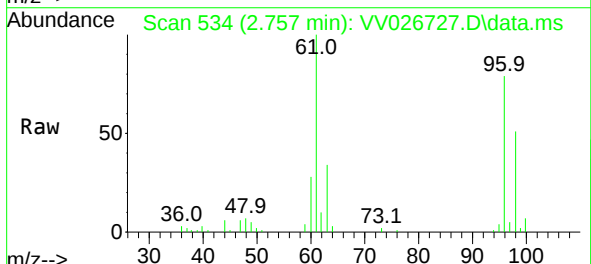
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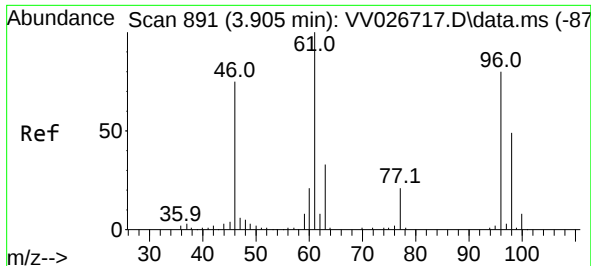
Tgt Ion: 84 Resp: 14039
Ion Ratio Lower Upper
84 100
86 68.8 44.8 83.2
49 118.4 78.7 146.1



#18
trans-1,2-Dichloroethene
Concen: 1.028 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV026727.D
Acq: 12 Jul 2022 15:22

Tgt Ion: 96 Resp: 18218
Ion Ratio Lower Upper
96 100
61 126.6 94.7 175.9
98 64.3 47.4 88.0





#22

cis-1,2-Dichloroethene

Concen: 8.523 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV026727.D

Acq: 12 Jul 2022 15:22

Instrument :

MSVOA_V

ClientSampleId :

DBUA6DL

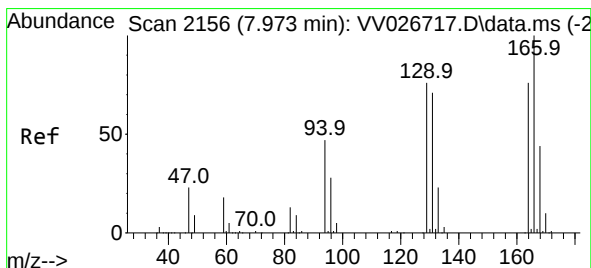
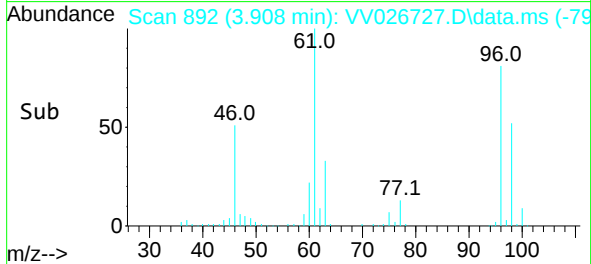
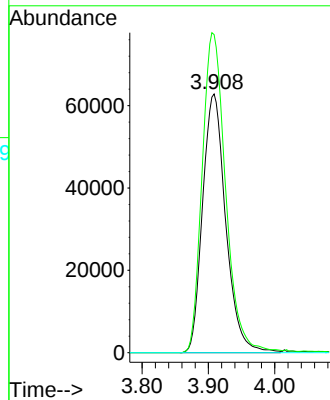
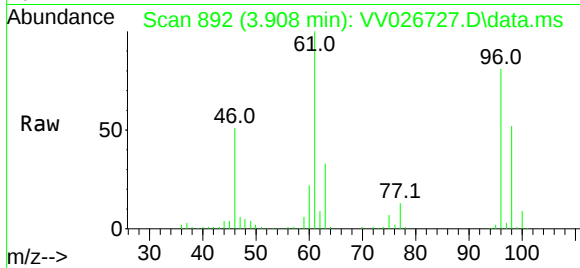
Tgt Ion: 96 Resp: 152416

Ion Ratio Lower Upper

96 100

61 122.9 83.9 155.9

68 0.0 0.0 0.0



#47

Tetrachloroethene

Concen: 0.093 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV026727.D

Acq: 12 Jul 2022 15:22

Tgt Ion:164 Resp: 1308

Ion Ratio Lower Upper

164 100

129 90.3 67.8 125.8

131 60.3 65.9 122.5#

166 97.5 88.8 164.8

