

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027685.D
 Acq On : 01 Sep 2022 22:39
 Operator : SY/MD
 Sample : N4400-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA4DL

Quant Time: Sep 02 00:21:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

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

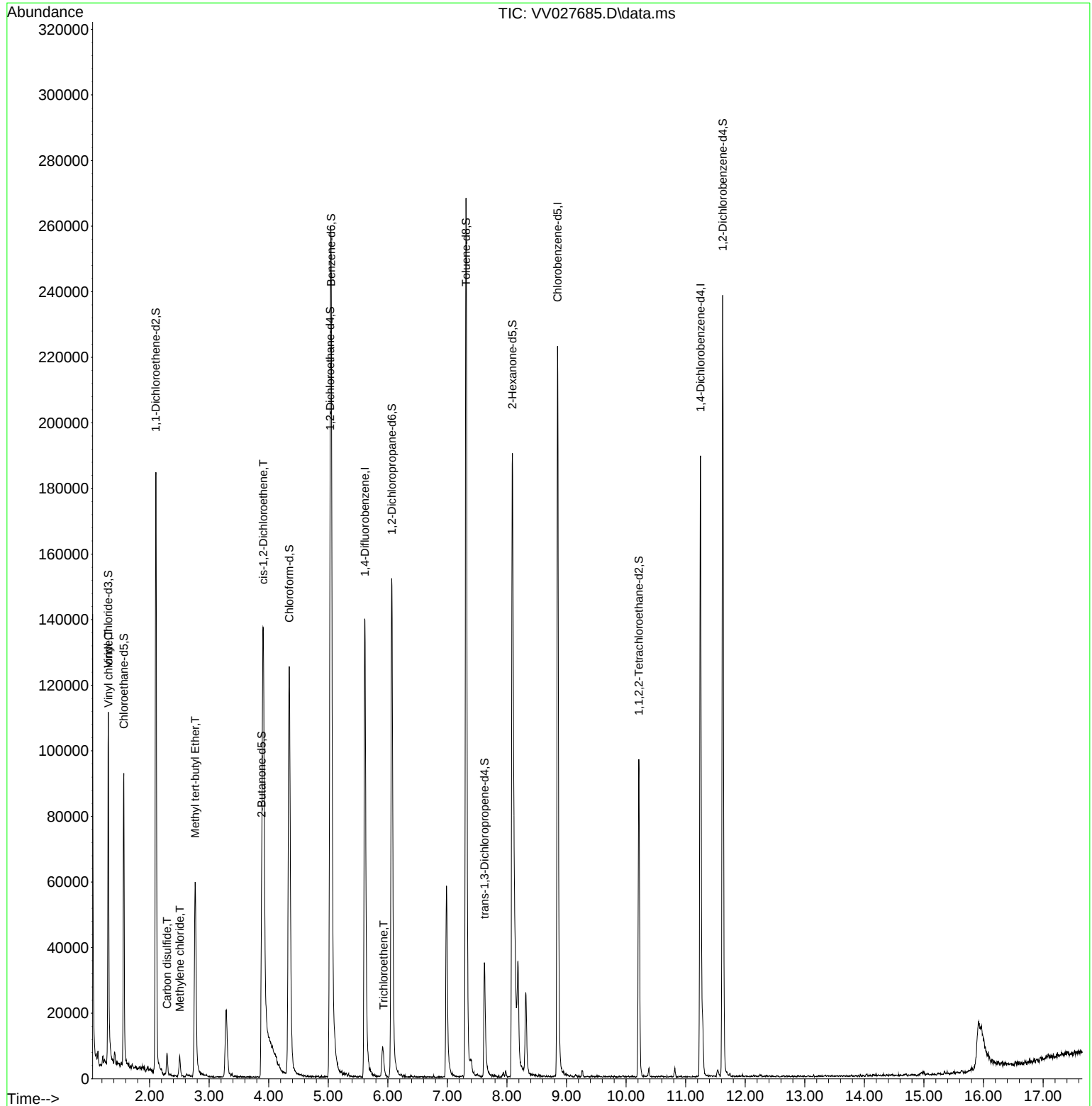
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	123212	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	125273	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64808	4.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.568	69	57347	5.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.104	63	101152	3.861	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.883	46	70434	31.123	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.240%
24) Chloroform-d	4.346	84	132678	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.030	65	61977	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.047	84	246886	4.811	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.066	67	73745	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.313	98	187307	4.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.622	79	21669	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.091	63	78367	42.619	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46090	4.512	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	62137	5.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	14097	0.921	ug/L	87
14) Carbon disulfide	2.294	76	7537	0.232	ug/L	100
16) Methylene chloride	2.506	84	2486	0.192	ug/L	88
17) Methyl tert-butyl Ether	2.767	73	54067	2.461	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	64673	5.559	ug/L	88
34) Trichloroethene	5.928	95	2394	0.199	ug/L	80

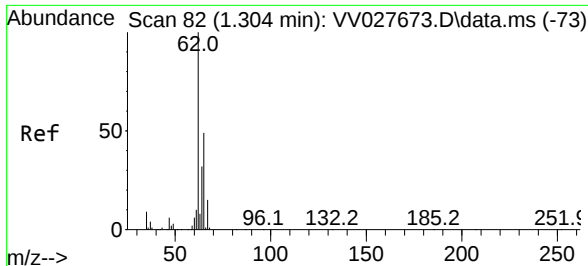
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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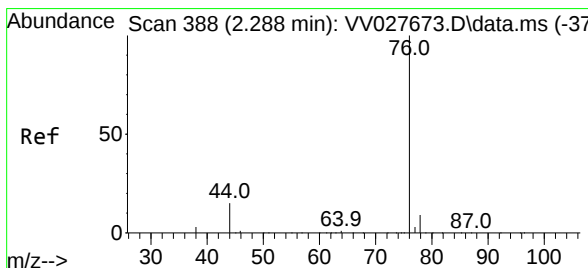
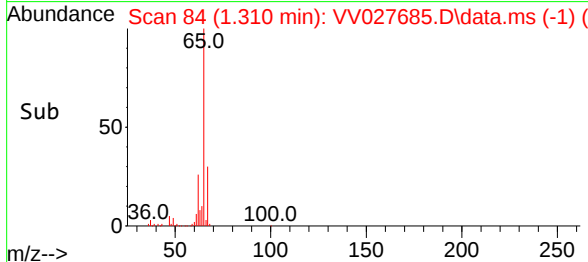
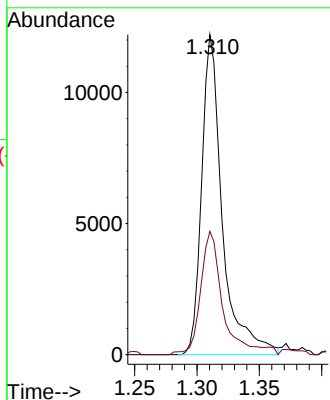
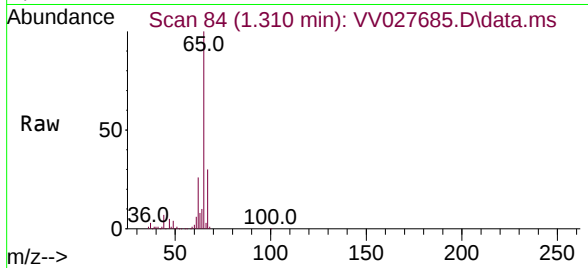




#5
 Vinyl chloride
 Concen: 0.921 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV027685.D
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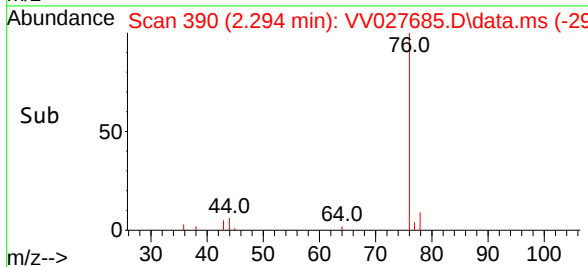
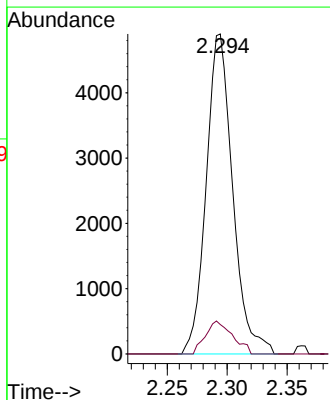
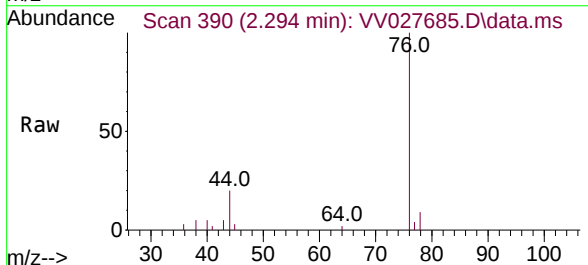
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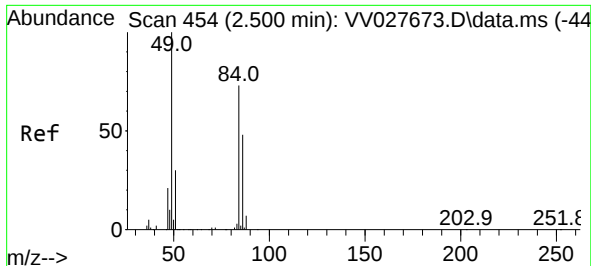
Tgt Ion: 62 Resp: 14097
 Ion Ratio Lower Upper
 62 100
 64 38.5 21.8 40.4



#14
 Carbon disulfide
 Concen: 0.232 ug/L
 RT: 2.294 min Scan# 390
 Delta R.T. 0.006 min
 Lab File: VV027685.D
 Acq: 01 Sep 2022 22:39

Tgt Ion: 76 Resp: 7537
 Ion Ratio Lower Upper
 76 100
 78 9.2 7.4 11.0

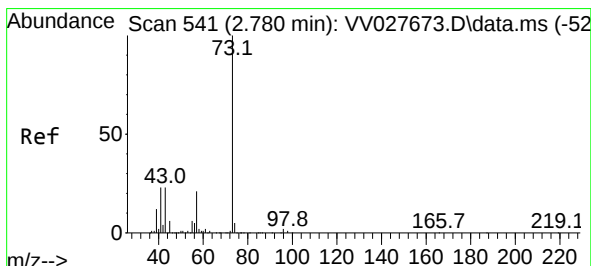
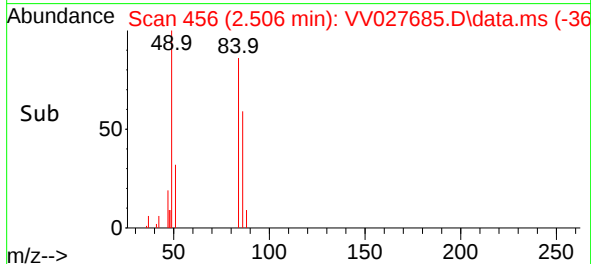
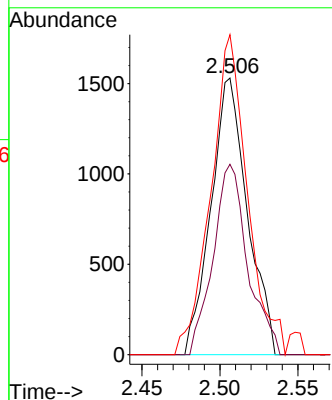
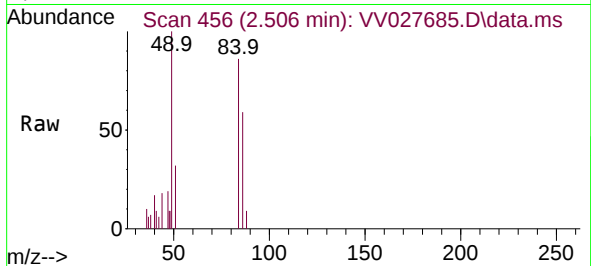




#16
Methylene chloride
Concen: 0.192 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027685.D
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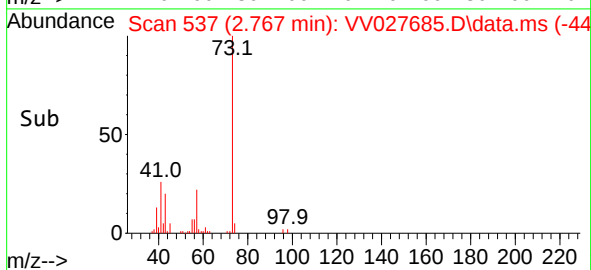
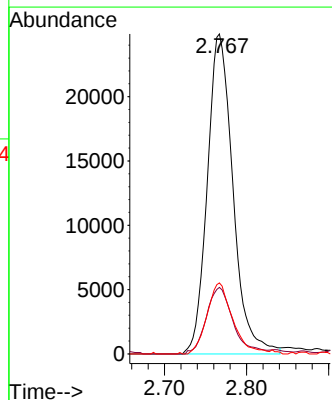
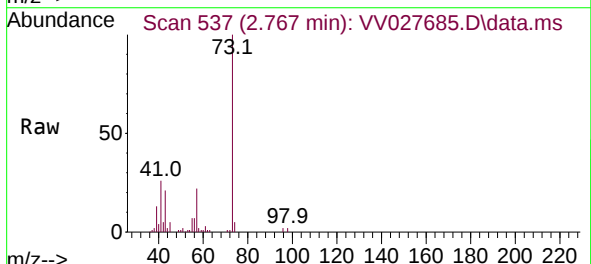
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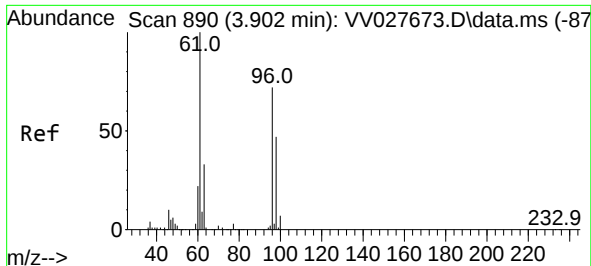
Tgt Ion: 84 Resp: 2486
Ion Ratio Lower Upper
84 100
86 68.8 43.9 81.5
49 115.7 92.5 171.7



#17
Methyl tert-butyl Ether
Concen: 2.461 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.013 min
Lab File: VV027685.D
Acq: 01 Sep 2022 22:39

Tgt Ion: 73 Resp: 54067
Ion Ratio Lower Upper
73 100
43 21.7 16.5 24.7
57 22.1 18.2 27.2

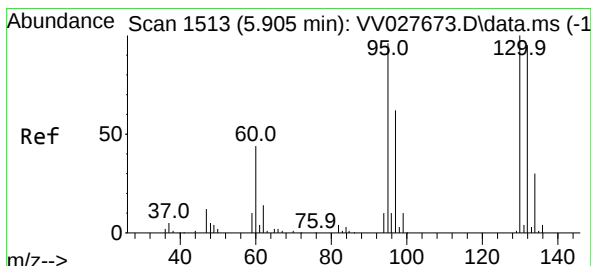
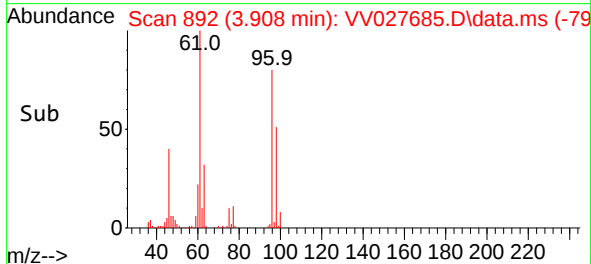
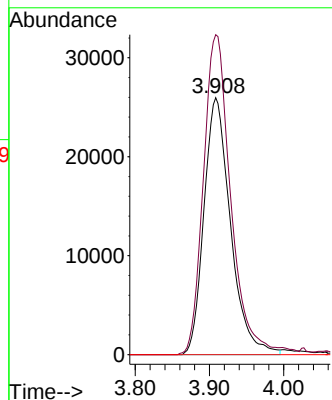
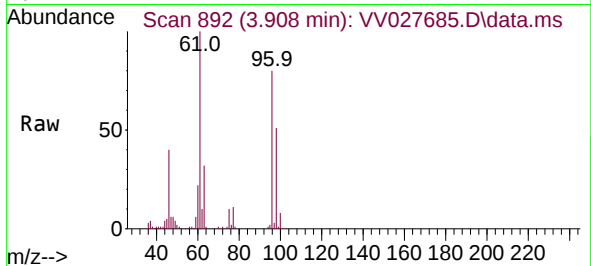




#22
cis-1,2-Dichloroethene
Concen: 5.559 ug/L
RT: 3.908 min Scan# 890
Delta R.T. 0.006 min
Lab File: VV027685.D
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ClientSampleId :
DBVA4DL

Tgt Ion: 96 Resp: 64673
Ion Ratio Lower Upper
96 100
61 124.6 96.9 180.1
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.199 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.022 min
Lab File: VV027685.D
Acq: 01 Sep 2022 22:39

Tgt Ion: 95 Resp: 2394
Ion Ratio Lower Upper
95 100
97 48.8 46.1 85.5
132 78.5 67.3 125.1
130 80.9 71.2 132.2

