

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061824\
 Data File : VW036124.D
 Acq On : 18 Jun 2024 17:13
 Operator : SY/MD
 Sample : P2873-20
 Misc : 4.78g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SK9

Quant Time: Jun 19 03:32:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

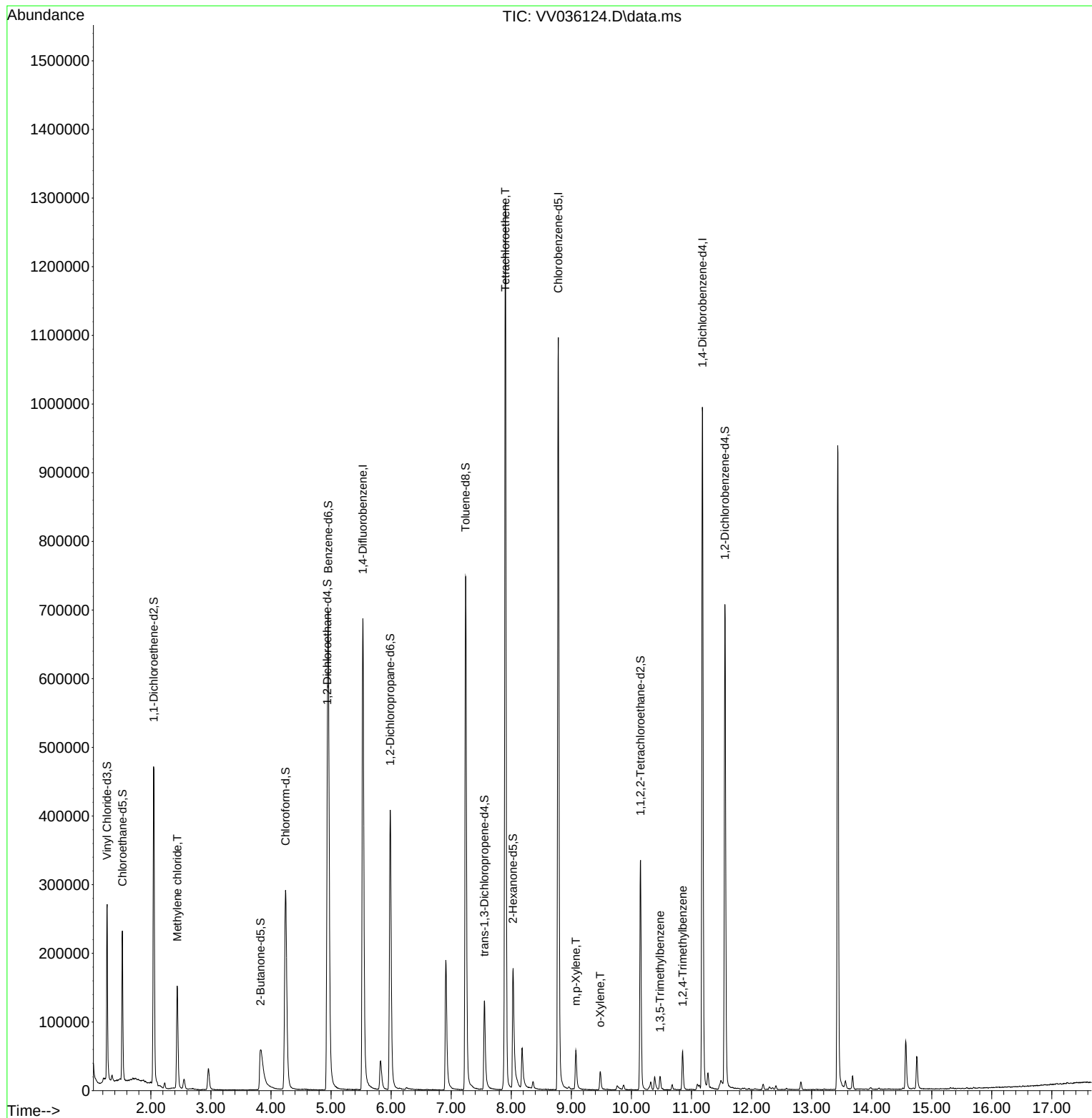
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	593484	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	604547	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	259043	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	173621	15.912	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	63.640%	
7) Chloroethane-d5	1.526	69	144759	16.639	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	66.560%	
11) 1,1-Dichloroethene-d2	2.047	65	79729	16.414	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	65.640%	
21) 2-Butanone-d5	3.825	46	94394	37.706	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	75.420%	
24) Chloroform-d	4.243	84	320835	17.004	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	68.000%	
26) 1,2-Dichloroethane-d4	4.937	65	192738	19.483	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	77.920%	
32) Benzene-d6	4.953	84	617731	17.190	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	68.760%	
36) 1,2-Dichloropropane-d6	5.985	67	209135	18.480	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	73.920%	
41) Toluene-d8	7.239	98	519187	16.374	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	65.480%	
43) trans-1,3-Dichloroprop...	7.554	79	83534	18.003	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	72.000%	
47) 2-Hexanone-d5	8.030	63	66126	43.128	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	86.260%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	168343	19.907	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	79.640%	
66) 1,2-Dichlorobenzene-d4	11.558	152	183048	19.269	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	77.080%	
Target Compounds						
16) Methylene chloride	2.439	84	65042	4.843	ug/L	99
46) Tetrachloroethene	7.902	164	283930	32.036	ug/L	99
53) m,p-Xylene	9.075	106	17345	1.068	ug/L	97
54) o-Xylene	9.480	106	7268	0.475	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	10231	0.425	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	30041	1.157	ug/L	98

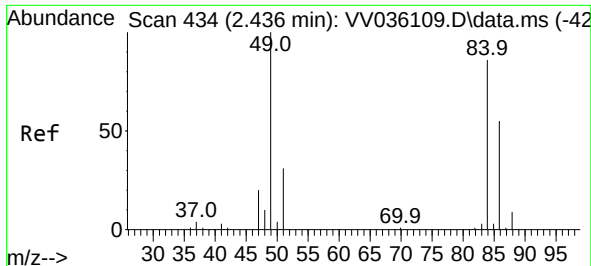
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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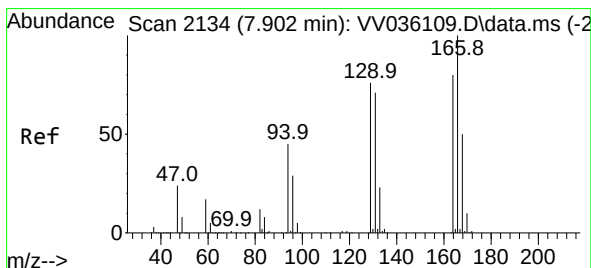
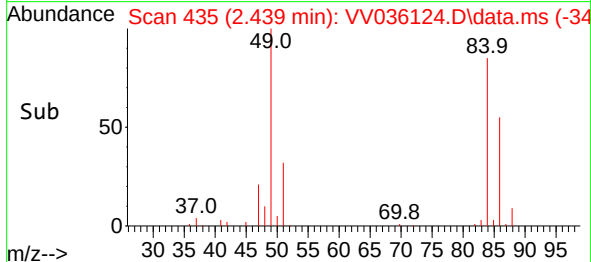
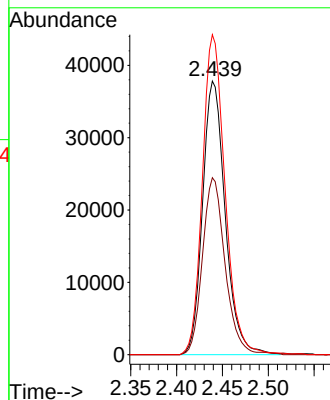
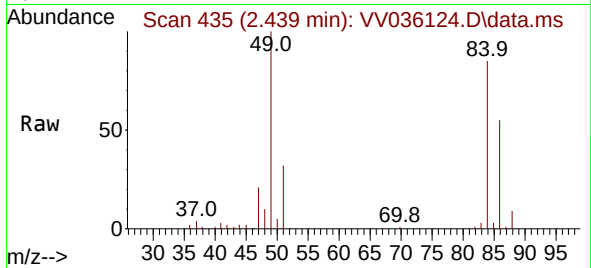




#16
Methylene chloride
Concen: 4.843 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036124.D
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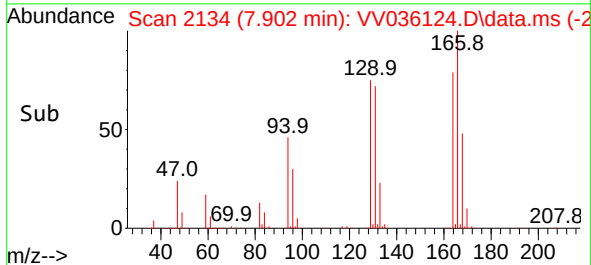
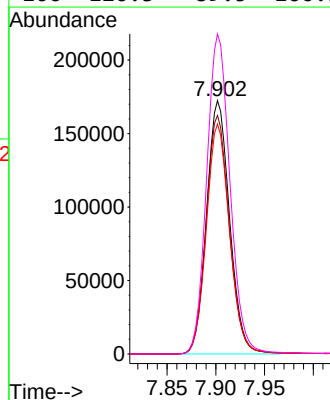
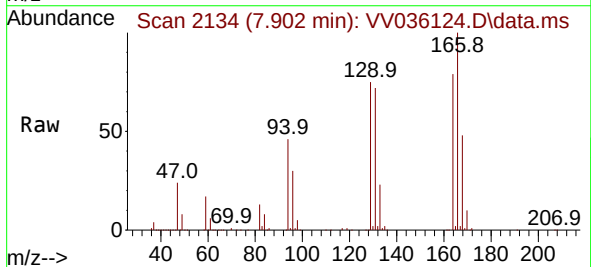
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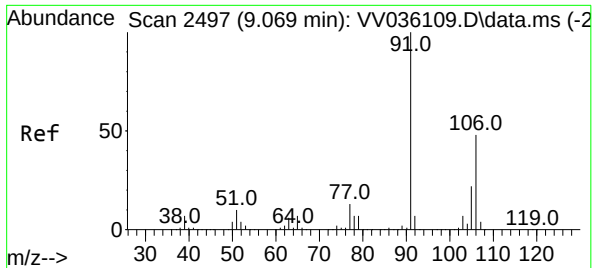
Tgt Ion: 84 Resp: 65042
Ion Ratio Lower Upper
84 100
86 64.7 44.6 82.8
49 117.0 81.1 150.5



#46
Tetrachloroethene
Concen: 32.036 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV036124.D
Acq: 18 Jun 2024 17:13

Tgt Ion:164 Resp: 283930
Ion Ratio Lower Upper
164 100
129 94.1 64.6 120.0
131 90.7 63.2 117.4
166 126.3 89.5 166.3

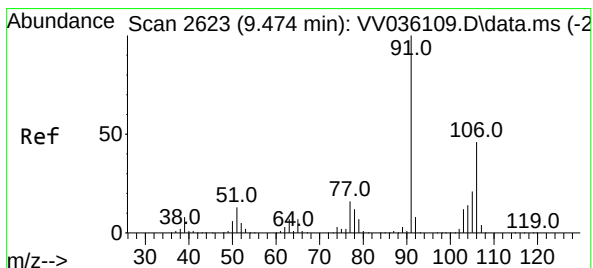
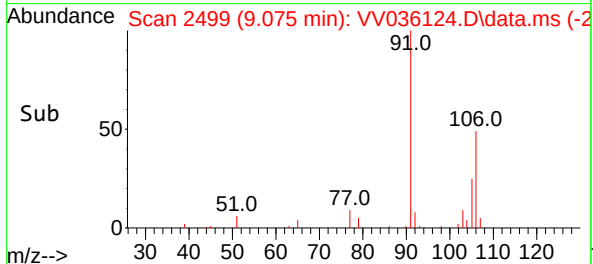
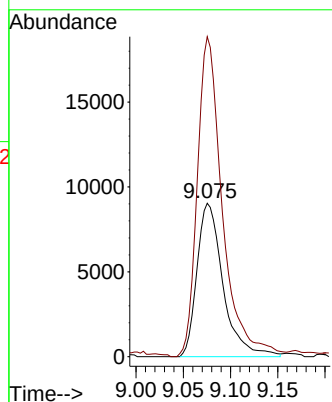
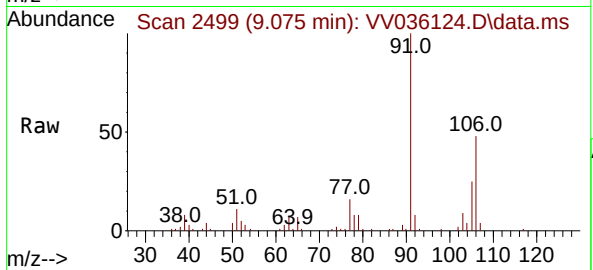




#53
m,p-Xylene
Concen: 1.068 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.006 min
Lab File: VV036124.D
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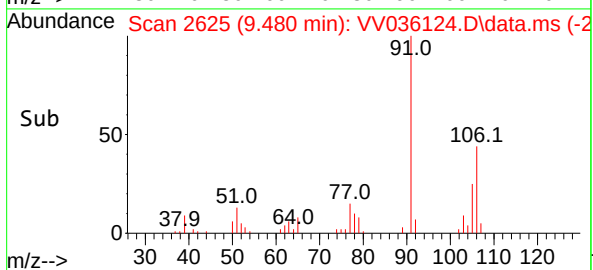
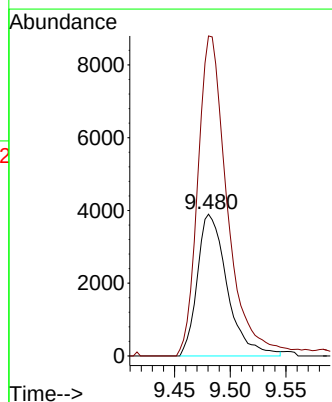
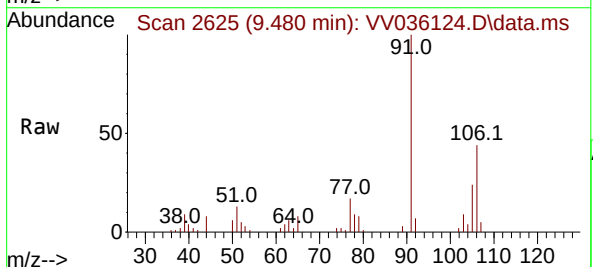
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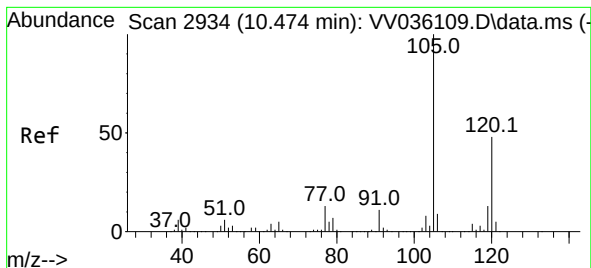
Tgt Ion:106 Resp: 17345
Ion Ratio Lower Upper
106 100
91 208.5 143.1 265.9



#54
o-Xylene
Concen: 0.475 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV036124.D
Acq: 18 Jun 2024 17:13

Tgt Ion:106 Resp: 7268
Ion Ratio Lower Upper
106 100
91 225.7 154.5 286.9





#62

1,3,5-Trimethylbenzene

Concen: 0.425 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV036124.D

Acq: 18 Jun 2024 17:13

Instrument :

MSVOA_V

ClientSampleId :

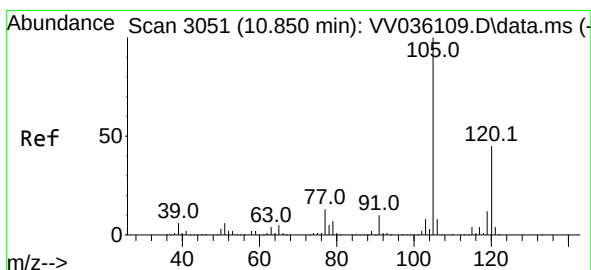
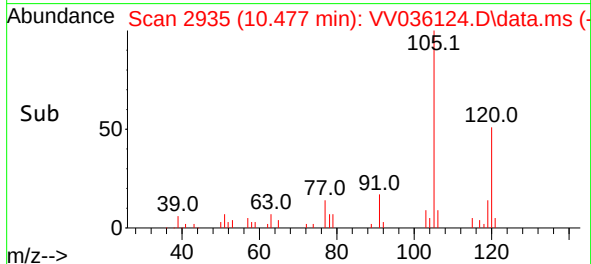
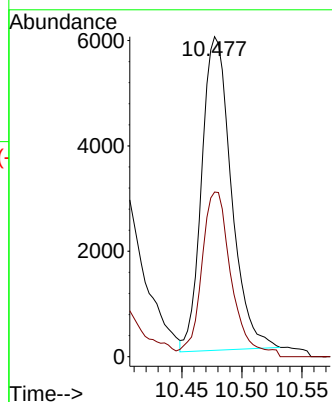
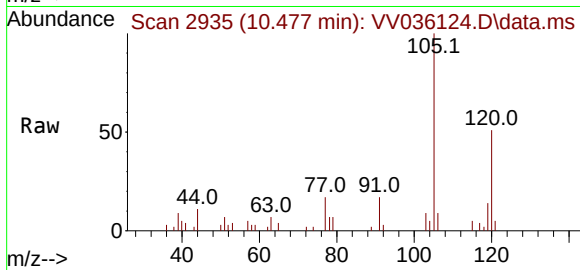
C0SK9

Tgt Ion:105 Resp: 10231

Ion Ratio Lower Upper

105 100

120 47.7 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 1.157 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV036124.D

Acq: 18 Jun 2024 17:13

Tgt Ion:105 Resp: 30041

Ion Ratio Lower Upper

105 100

120 43.7 36.2 54.4

