

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021524\
 Data File : VW028021.D
 Acq On : 15 Feb 2024 15:43
 Operator : SY/MD
 Sample : P1469-12
 Misc : 5.87g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 15 20:54:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 20:52:49 2024
 Response via : Initial Calibration

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

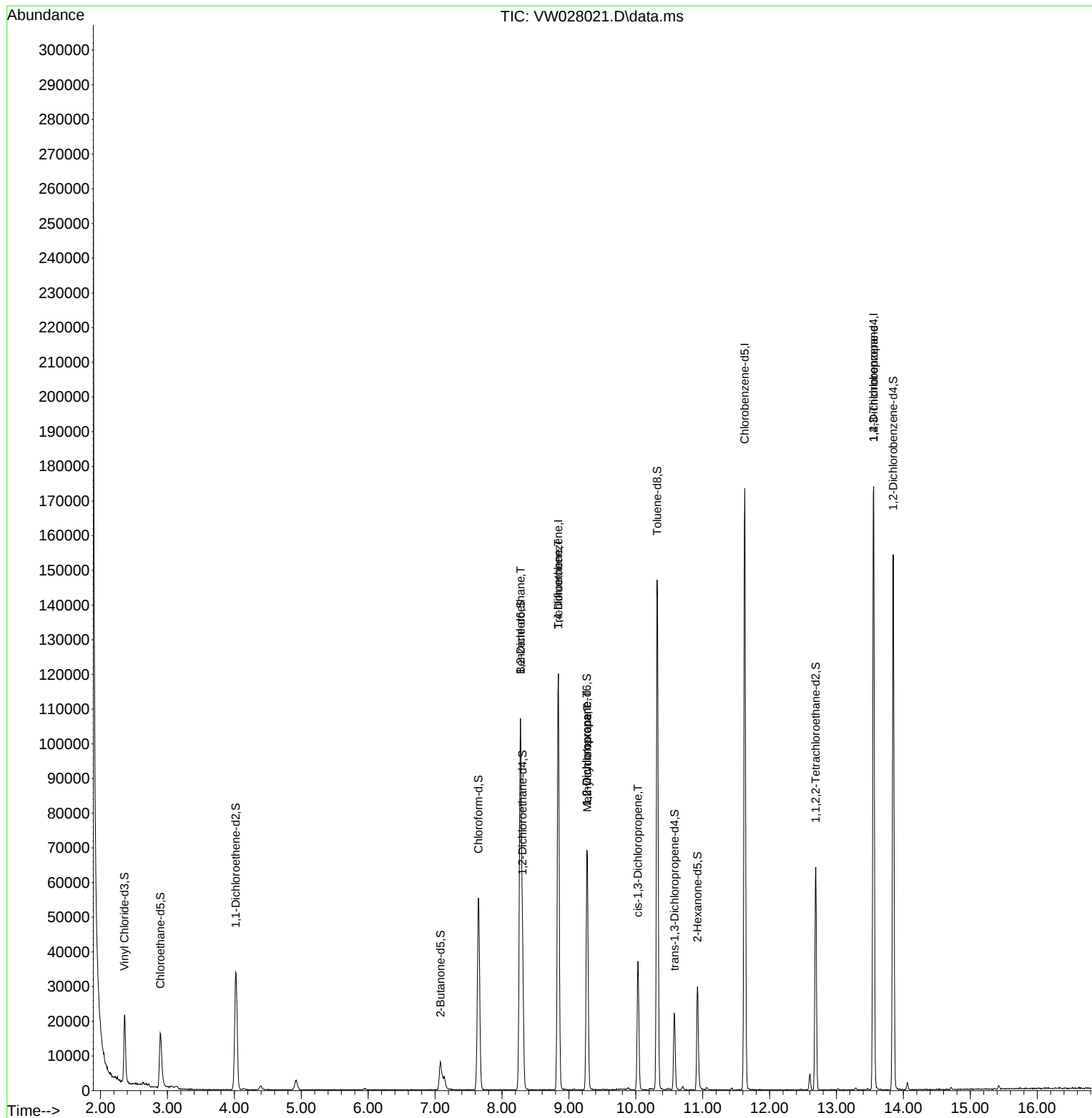
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	109789	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	105962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	51778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	21797	16.951	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.800%
7) Chloroethane-d5	2.893	69	21542	22.087	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.360%
11) 1,1-Dichloroethene-d2	4.021	65	10033	18.235	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.920%
21) 2-Butanone-d5	7.081	46	13163	65.881	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.760%
24) Chloroform-d	7.648	84	59540	23.193	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	8.307	65	31889	27.504	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	8.276	84	116725	20.589	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.360%
36) 1,2-Dichloropropane-d6	9.270	67	34228	22.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.319	98	105797	19.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	10.581	79	14064	22.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.000%
47) 2-Hexanone-d5	10.922	63	11950	57.154	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	32940	28.671	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	40751	23.155	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.640%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.276	62	623	0.497	ug/L #	69
34) Trichloroethene	8.843	95	3371	2.219	ug/L #	4
35) Methylcyclohexane	9.276	83	8902	3.561	ug/L #	22
37) 1,2-Dichloropropane	9.270	63	3850	3.096	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	873	0.438	ug/L #	61
61) 1,2,3-Trichloropropane	13.556	75	5312	7.687	ug/L #	61

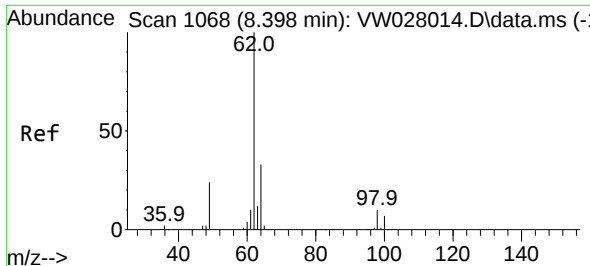
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Feb 15 20:52:49 2024
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.497 ug/L

RT: 8.276 min Scan# 1104

Delta R.T. -0.122 min

Lab File: VW028021.D

Acq: 15 Feb 2024 15:43

Instrument :

MSVOA_W

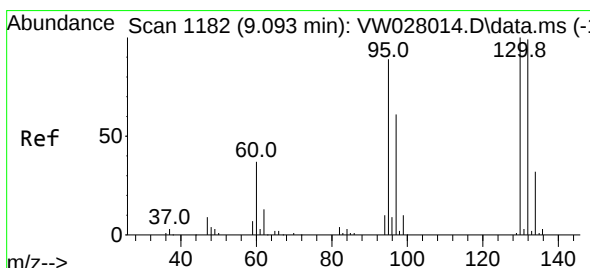
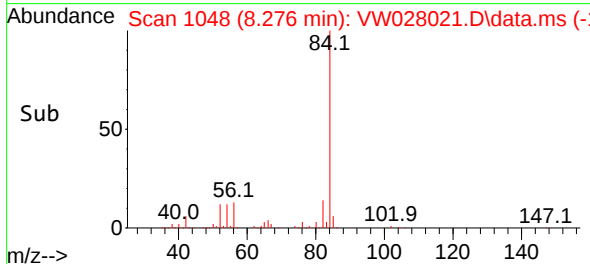
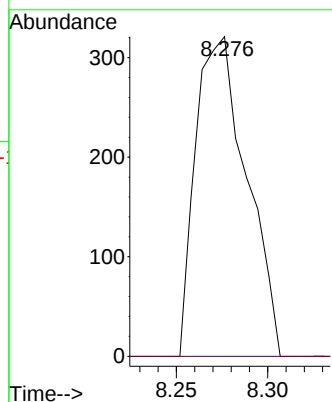
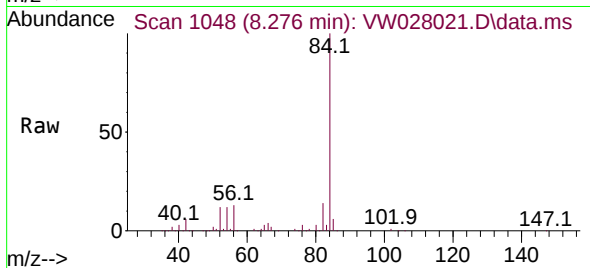
ClientSampleId :

Tgt Ion: 62 Resp: 623

Ion Ratio Lower Upper

62 100

98 0.0 9.4 14.2#



#34

Trichloroethene

Concen: 2.219 ug/L

RT: 8.843 min Scan# 1141

Delta R.T. -0.250 min

Lab File: VW028021.D

Acq: 15 Feb 2024 15:43

Tgt Ion: 95 Resp: 3371

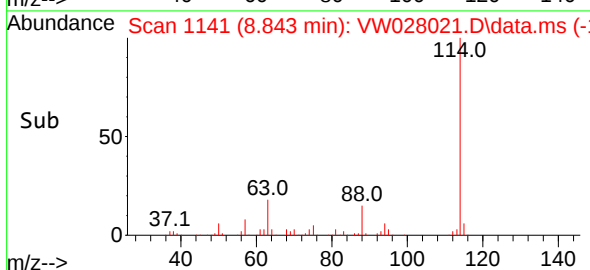
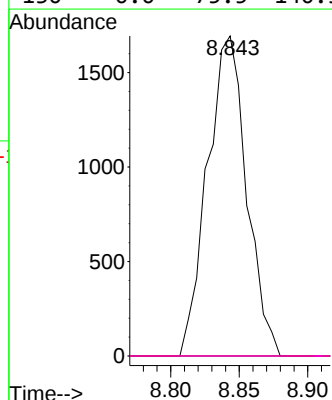
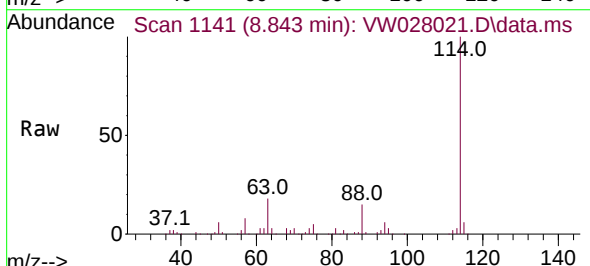
Ion Ratio Lower Upper

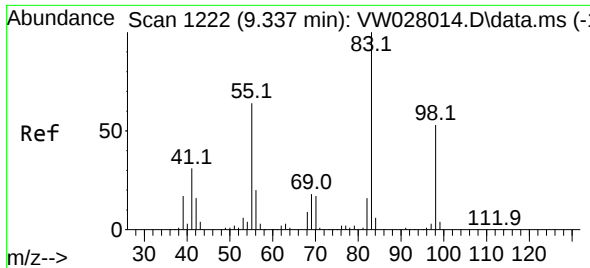
95 100

97 0.0 44.3 82.3#

132 0.0 68.0 126.2#

130 0.0 75.5 140.3#

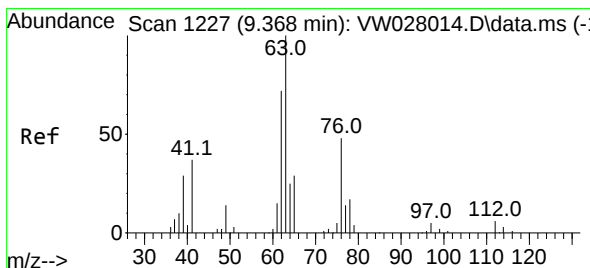
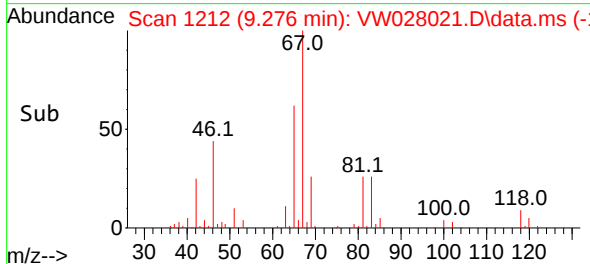
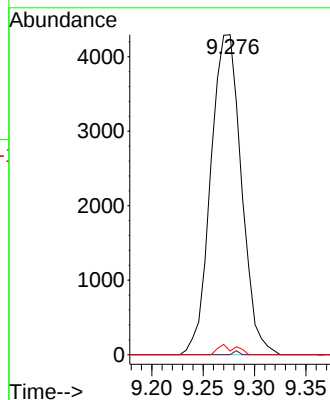
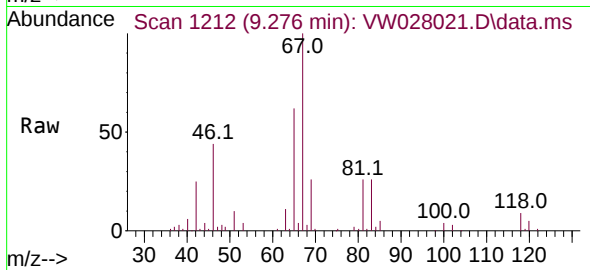




#35
Methylcyclohexane
Concen: 3.561 ug/L
RT: 9.276 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW028021.D
Acq: 15 Feb 2024 15:43

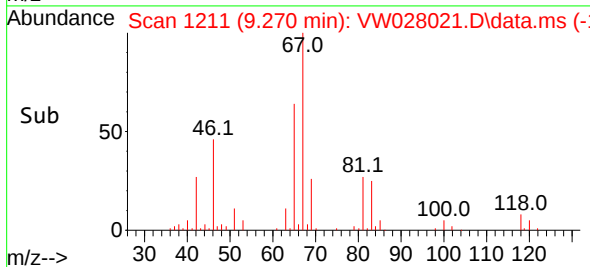
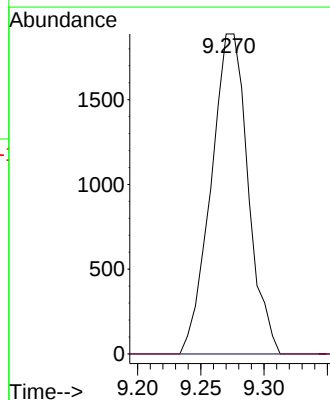
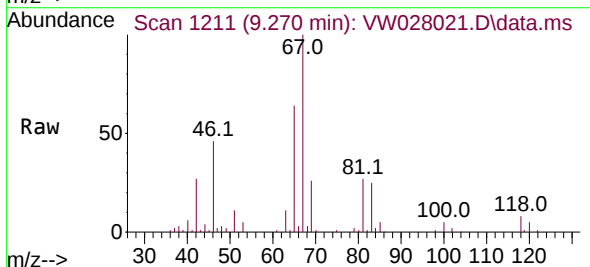
Instrument :
MSVOA_W
ClientSampleId :

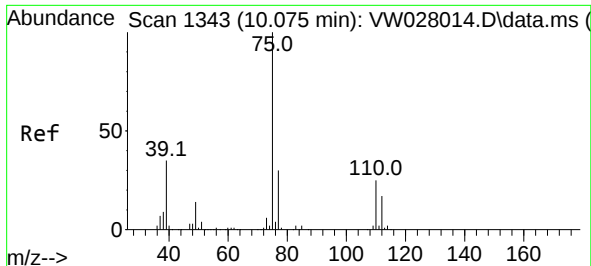
Tgt Ion: 83 Resp: 8902
Ion Ratio Lower Upper
83 100
55 0.0 52.3 78.5#
98 0.7 41.9 62.9#



#37
1,2-Dichloropropane
Concen: 3.096 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.098 min
Lab File: VW028021.D
Acq: 15 Feb 2024 15:43

Tgt Ion: 63 Resp: 3850
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.438 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW028021.D

Acq: 15 Feb 2024 15:43

Instrument :

MSVOA_W

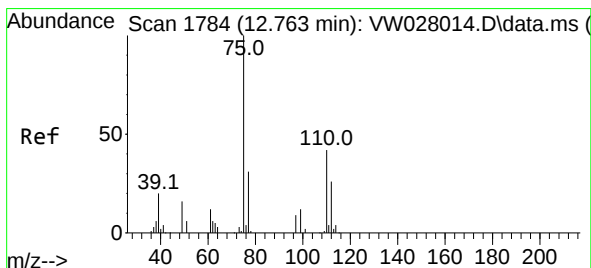
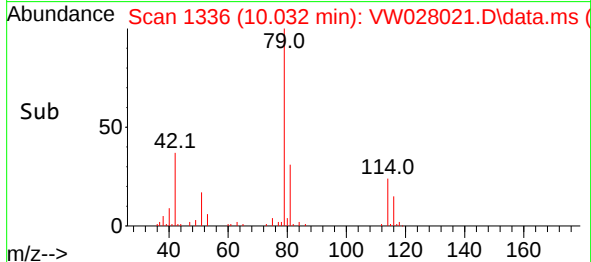
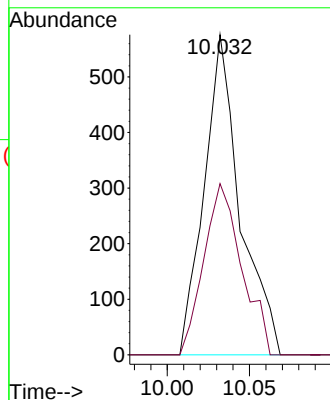
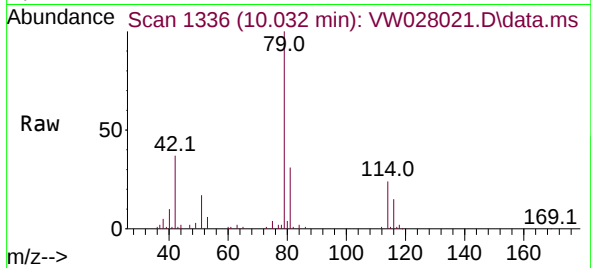
ClientSampleId :

Tgt Ion: 75 Resp: 873

Ion Ratio Lower Upper

75 100

77 53.5 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 7.687 ug/L

RT: 13.556 min Scan# 1914

Delta R.T. 0.793 min

Lab File: VW028021.D

Acq: 15 Feb 2024 15:43

Tgt Ion: 75 Resp: 5312

Ion Ratio Lower Upper

75 100

77 34.6 26.5 39.7

110 1.3 35.8 53.8#

