

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112822\
 Data File : VU052145.D
 Acq On : 28 Nov 2022 14:10
 Operator : JC/MD
 Sample : N5785-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL72

Quant Time: Nov 28 21:46:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 28 21:44:47 2022
 Response via : Initial Calibration

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

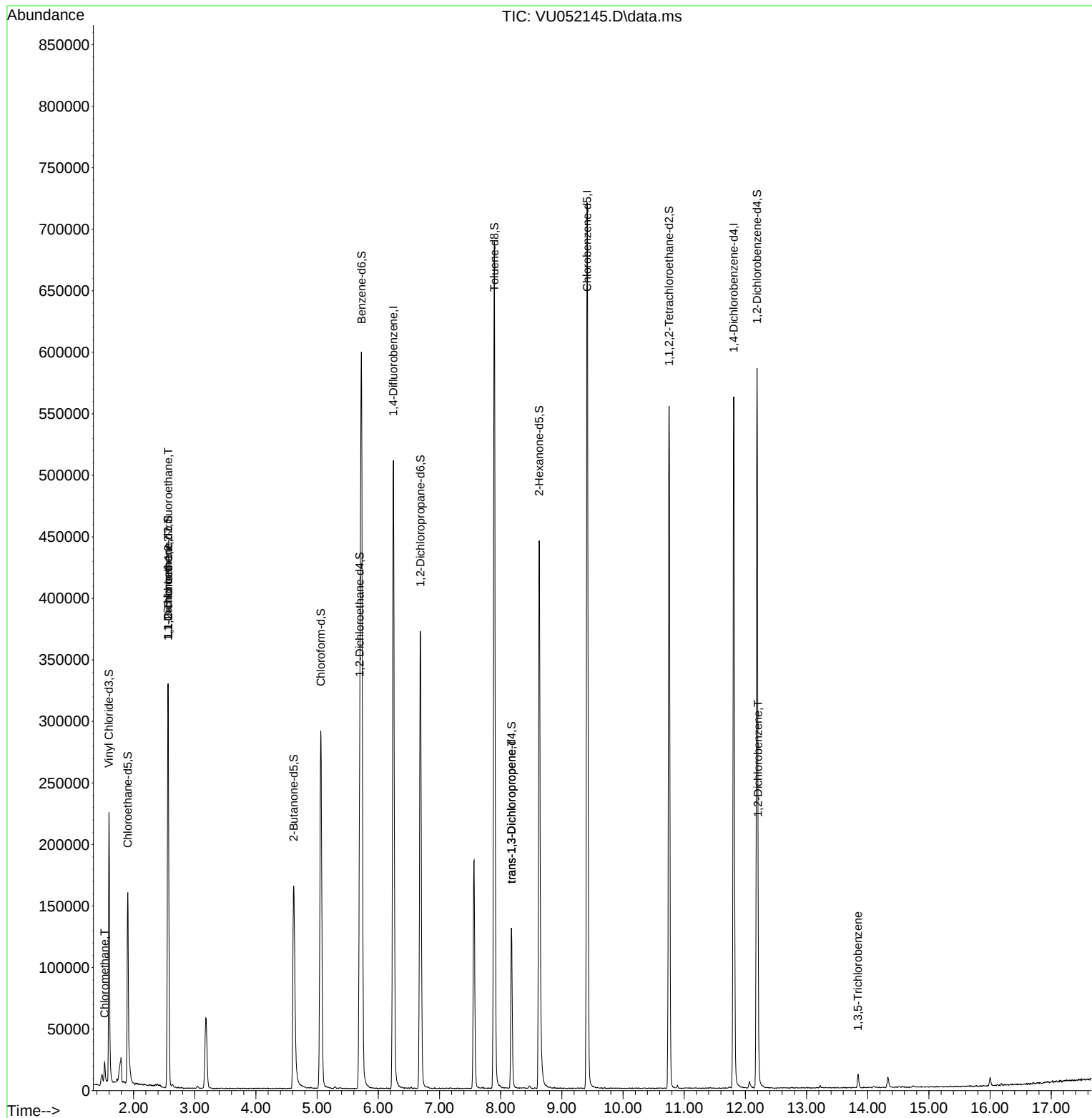
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	423733	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	415060	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	157298	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	167328	45.569	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.140%		
7) Chloroethane-d5	1.906	69	139428	47.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.900%		
11) 1,1-Dichloroethene-d2	2.562	63	195392	35.898	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.800%		
21) 2-Butanone-d5	4.617	46	224810	101.882	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.880%		
24) Chloroform-d	5.060	84	276618	45.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.960%		
26) 1,2-Dichloroethane-d4	5.697	65	172940	47.794	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.580%		
32) Benzene-d6	5.726	84	589198	47.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.260%		
36) 1,2-Dichloropropane-d6	6.687	67	188808	47.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.000%		
41) Toluene-d8	7.896	98	474287	42.908	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.820%		
43) trans-1,3-Dichloroprop...	8.176	79	75168	44.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.860%		
47) 2-Hexanone-d5	8.629	63	152637	98.449	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.450%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	285898	45.468	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.940%		
66) 1,2-Dichlorobenzene-d4	12.192	152	161112	49.530	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.060%		
Target Compounds						Qvalue
3) Chloromethane	1.527	50	13500	4.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2098	0.817	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1521	0.620	ug/L #	1
44) trans-1,3-Dichloropropene	8.176	75	3076	0.708	ug/L #	78
67) 1,2-Dichlorobenzene	12.208	146	4425	0.908	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.838	180	3986	1.283	ug/L	97

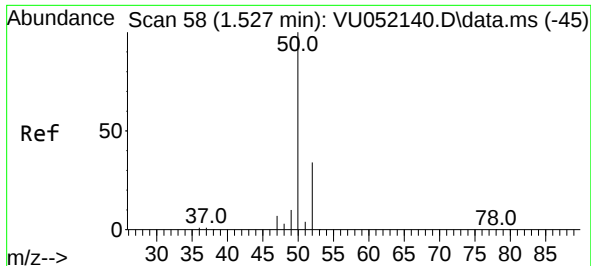
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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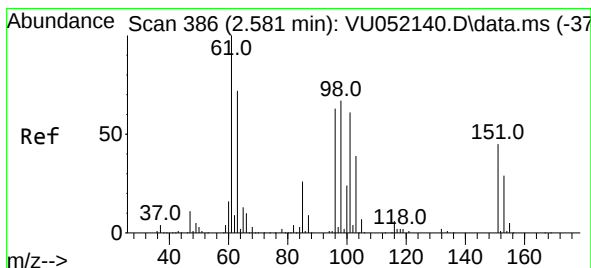
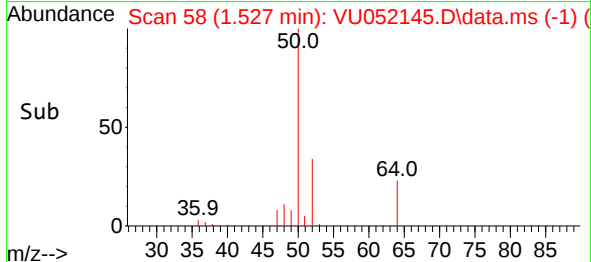
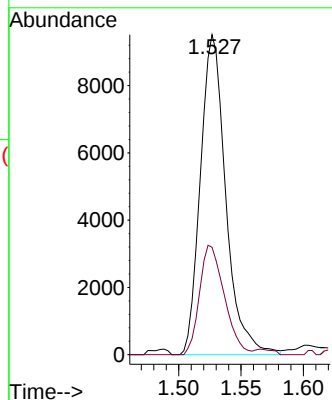
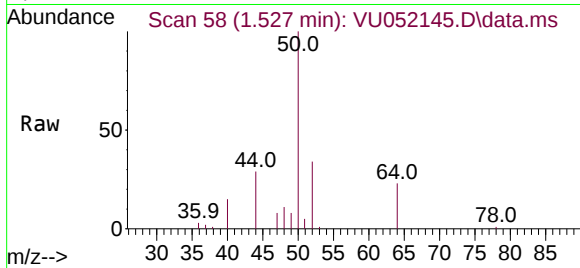




#3
Chloromethane
Concen: 4.141 ug/L
RT: 1.527 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052145.D
Acq: 28 Nov 2022 14:10

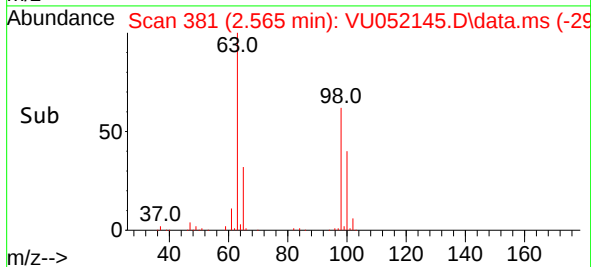
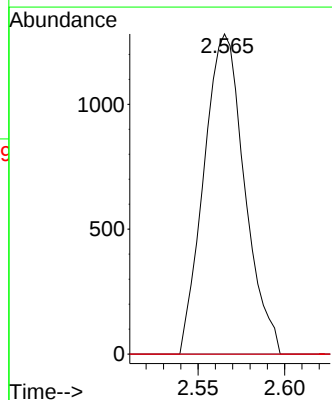
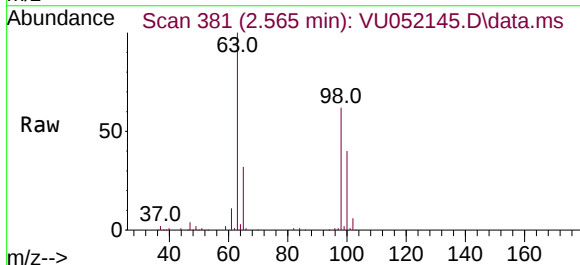
Instrument :
MSVOA_U
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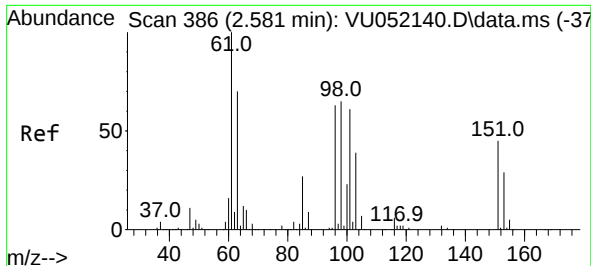
Tgt Ion: 50 Resp: 13500
Ion Ratio Lower Upper
50 100
52 33.6 23.1 42.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.817 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU052145.D
Acq: 28 Nov 2022 14:10

Tgt Ion: 101 Resp: 2098
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 58.9 88.3#





#12

1,1-Dichloroethene

Concen: 0.620 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU052145.D

Acq: 28 Nov 2022 14:10

Instrument :

MSVOA_U

ClientSampleId :

COL72

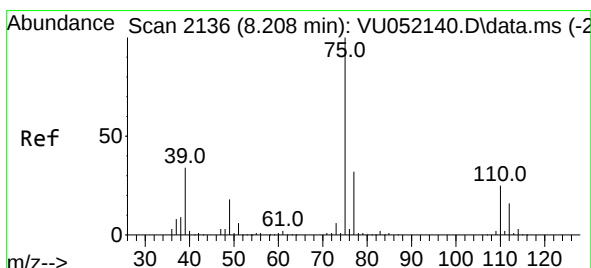
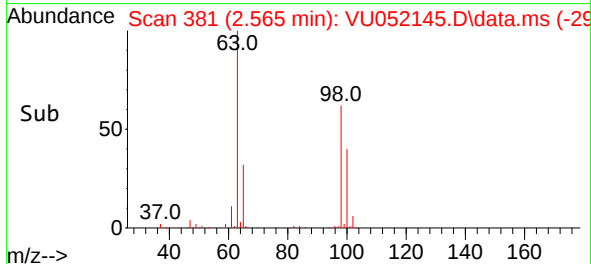
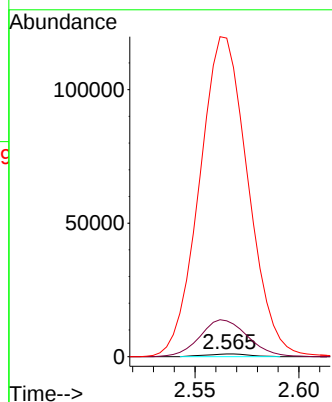
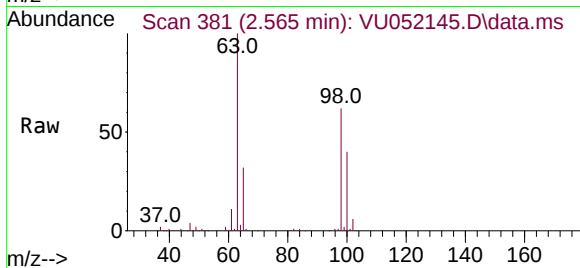
Tgt Ion: 96 Resp: 1521

Ion Ratio Lower Upper

96 100

61 1308.1 114.2 212.0#

63 11616.0 90.9 168.7#



#44

trans-1,3-Dichloropropene

Concen: 0.708 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU052145.D

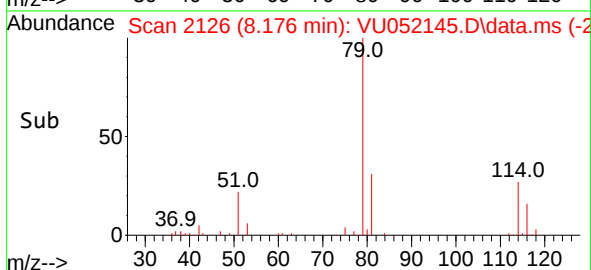
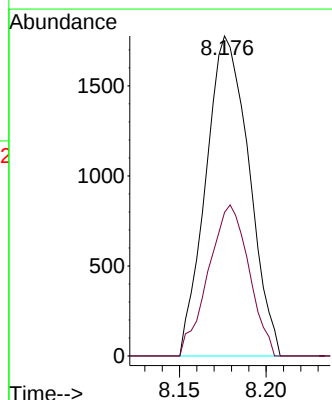
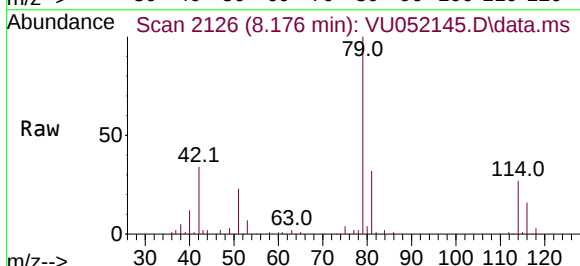
Acq: 28 Nov 2022 14:10

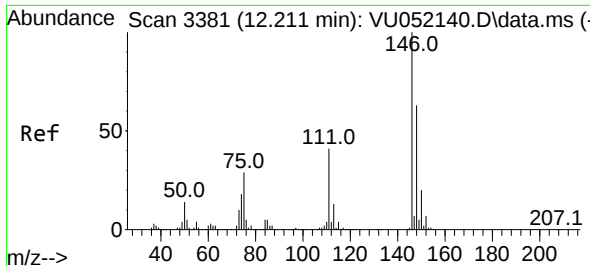
Tgt Ion: 75 Resp: 3076

Ion Ratio Lower Upper

75 100

77 44.9 22.7 42.1#

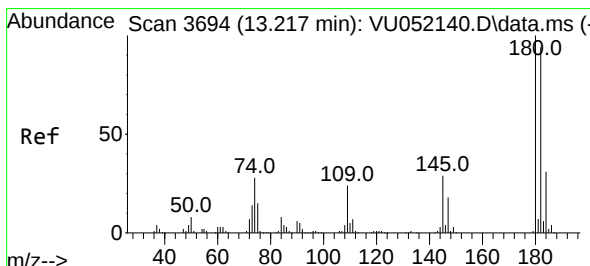
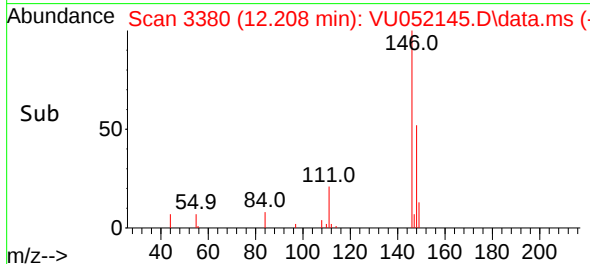
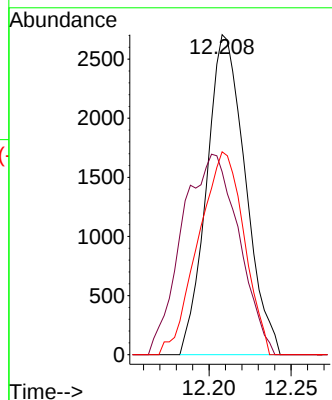
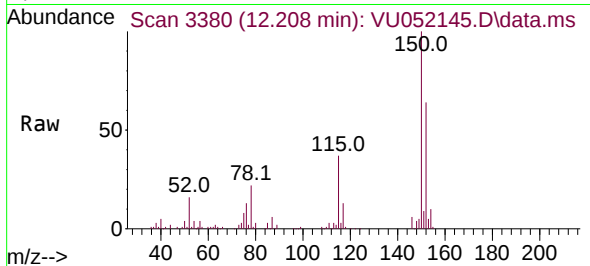




#67
1,2-Dichlorobenzene
Concen: 0.908 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU052145.D
Acq: 28 Nov 2022 14:10

Instrument :
MSVOA_U
ClientSampleId :
COL72

Tgt Ion:146 Resp: 4425
Ion Ratio Lower Upper
146 100
111 57.1 34.2 51.4#
148 63.4 52.6 79.0



#69
1,3,5-Trichlorobenzene
Concen: 1.283 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.621 min
Lab File: VU052145.D
Acq: 28 Nov 2022 14:10

Tgt Ion:180 Resp: 3986
Ion Ratio Lower Upper
180 100
182 98.5 77.2 115.8
184 33.9 24.6 36.8
145 29.7 23.4 35.2

