

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030773.D
 Acq On : 21 Apr 2023 18:31
 Operator : SY/MD
 Sample : 02440-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMQ1

Quant Time: Apr 22 00:48:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

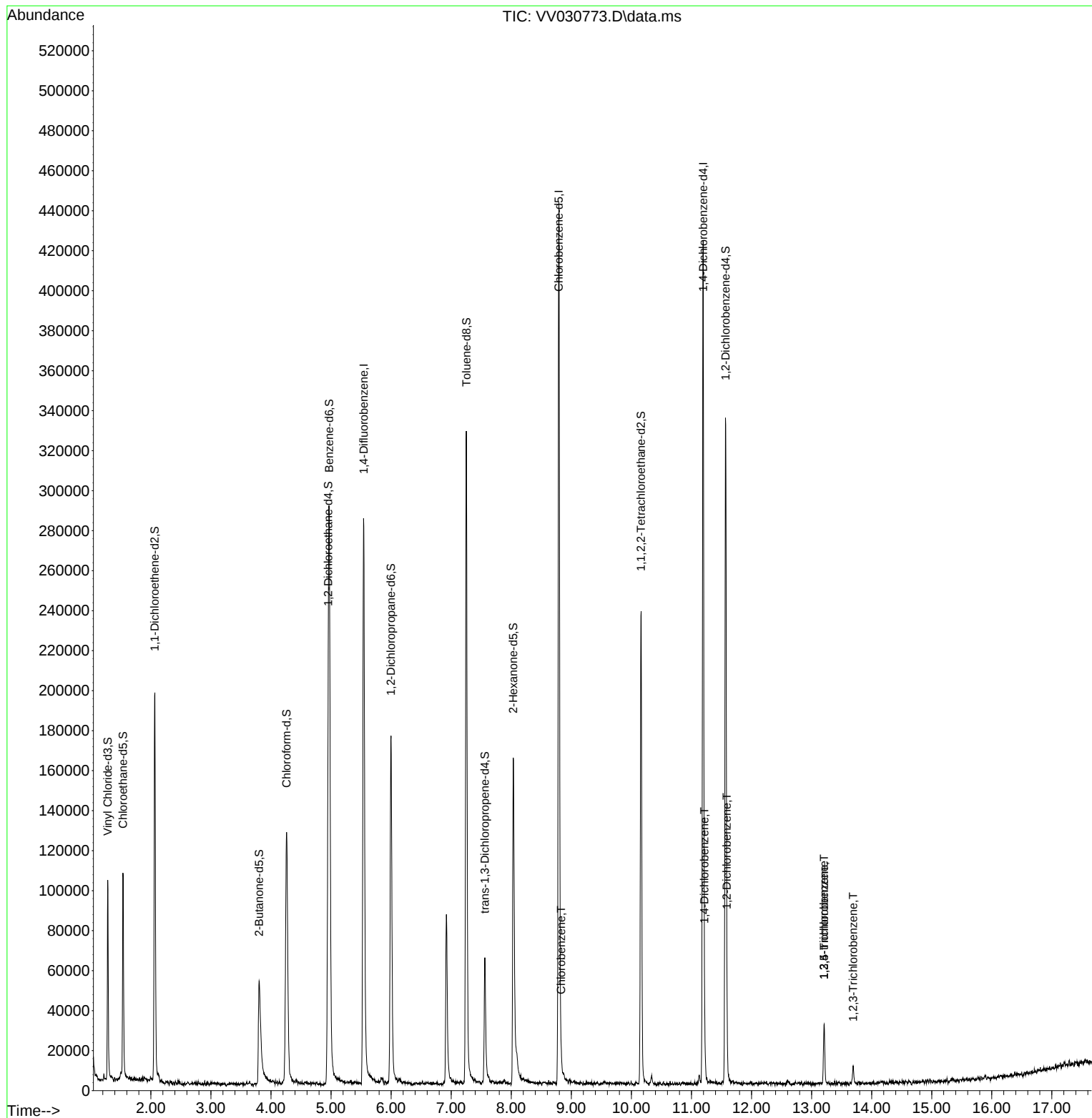
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	238279	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	231762	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	109147	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	66413	38.020	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.040%		
7) Chloroethane-d5	1.535	69	60195	41.123	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.240%		
11) 1,1-Dichloroethene-d2	2.063	65	31920	38.533	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.060%		
21) 2-Butanone-d5	3.802	46	91830	95.713	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.710%		
24) Chloroform-d	4.259	84	130946	41.366	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.740%		
26) 1,2-Dichloroethane-d4	4.953	65	92626	45.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.020%		
32) Benzene-d6	4.969	84	238711	43.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.120%		
36) 1,2-Dichloropropane-d6	5.995	67	73541	43.207	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.420%		
41) Toluene-d8	7.252	98	209902	40.799	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.600%		
43) trans-1,3-Dichloroprop...	7.561	79	35515	41.399	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.800%		
47) 2-Hexanone-d5	8.034	63	56849	84.784	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.780%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	103161	41.769	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.540%		
66) 1,2-Dichlorobenzene-d4	11.570	152	85366	49.207	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.420%		
Target Compounds						Qvalue
51) Chlorobenzene	8.828	112	3446	0.690	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	3724	1.036	ug/L	83
67) 1,2-Dichlorobenzene	11.590	146	3264	0.949	ug/L #	91
69) 1,3,5-Trichlorobenzene	13.210	180	9362	3.637	ug/L	94
70) 1,2,4-trichlorobenzene	13.210	180	9362	4.283	ug/L	94
72) 1,2,3-Trichlorobenzene	13.693	180	2465	1.137	ug/L	95

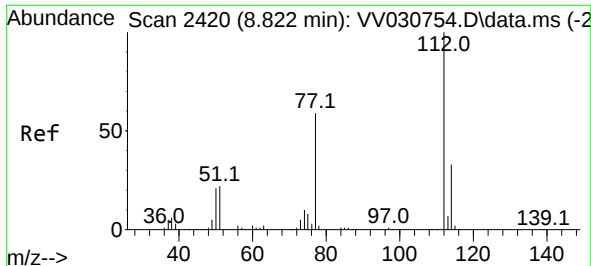
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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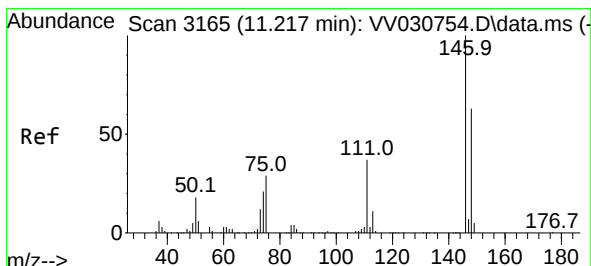
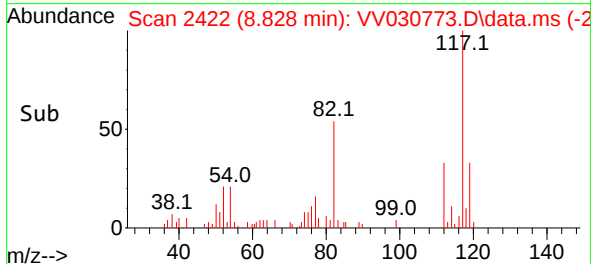
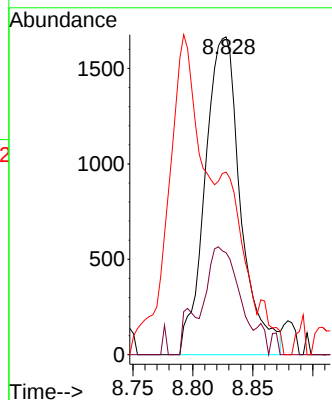
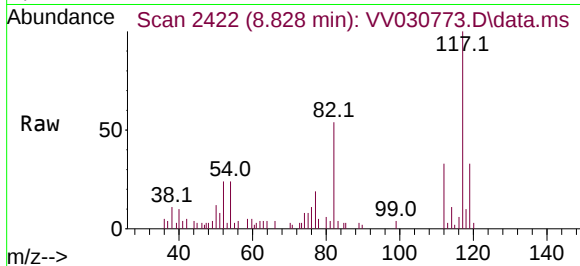




#51
Chlorobenzene
Concen: 0.690 ug/L
RT: 8.828 min Scan# 2420
Delta R.T. 0.006 min
Lab File: VV030773.D
Acq: 21 Apr 2023 18:31

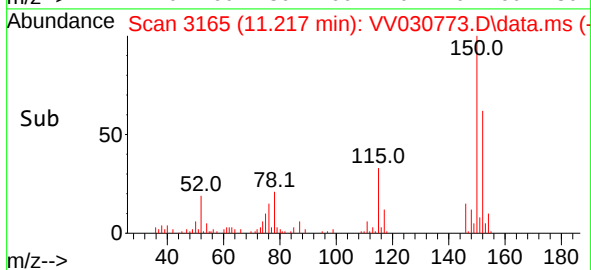
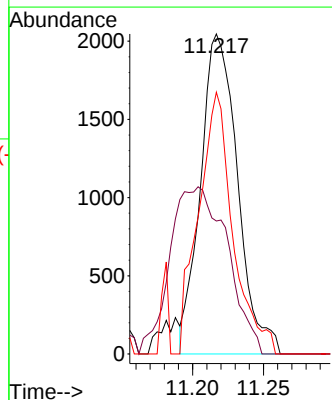
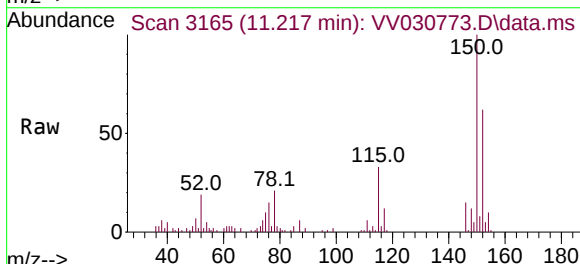
Instrument :
MSVOA_V
ClientSampleId :
COMQ1

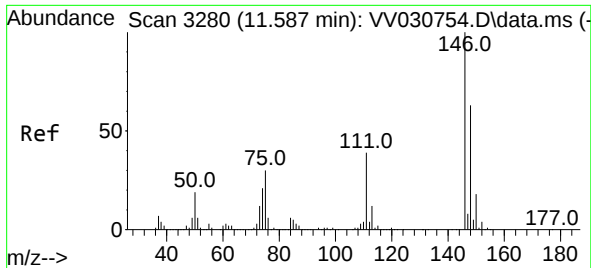
Tgt Ion:	112	Resp:	3446
Ion Ratio	Lower	Upper	
112	100		
114	32.1	22.4	41.6
77	57.5	47.4	71.0



#65
1,4-Dichlorobenzene
Concen: 1.036 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030773.D
Acq: 21 Apr 2023 18:31

Tgt Ion:	146	Resp:	3724
Ion Ratio	Lower	Upper	
146	100		
111	41.5	26.5	49.1
148	81.8	44.7	83.1

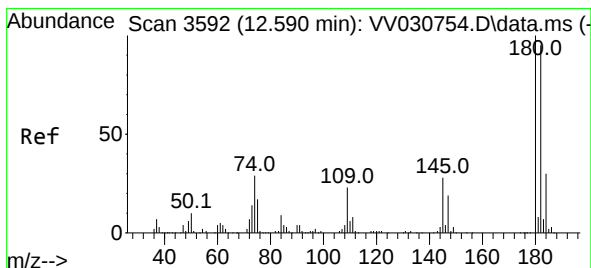
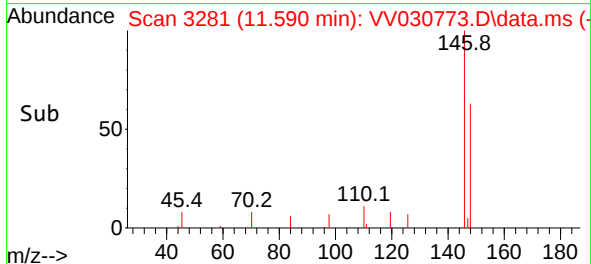
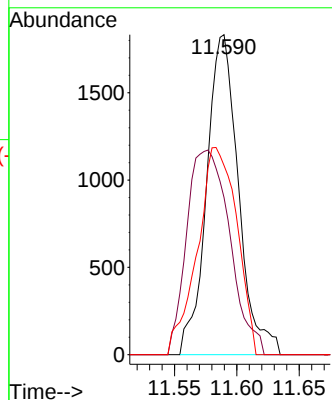
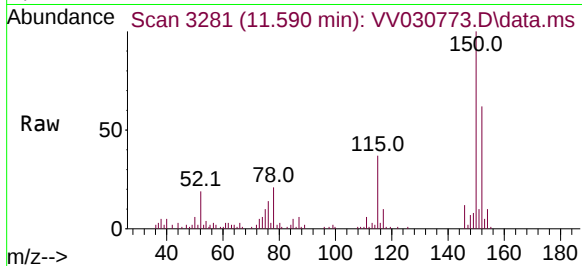




#67
1,2-Dichlorobenzene
Concen: 0.949 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030773.D
Acq: 21 Apr 2023 18:31

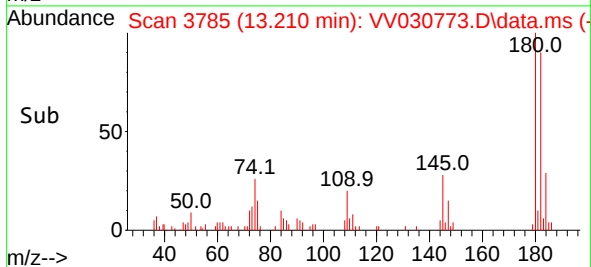
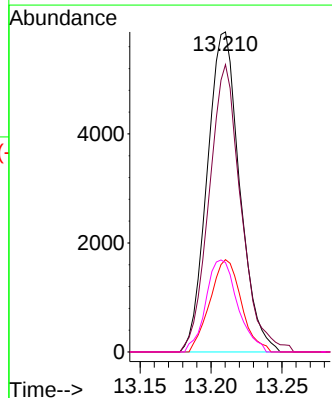
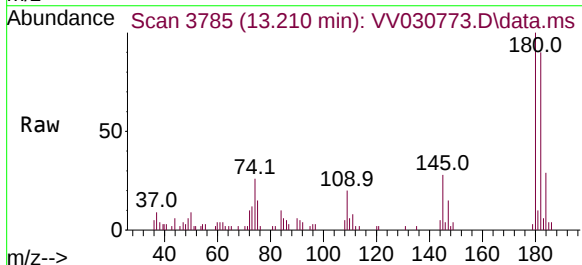
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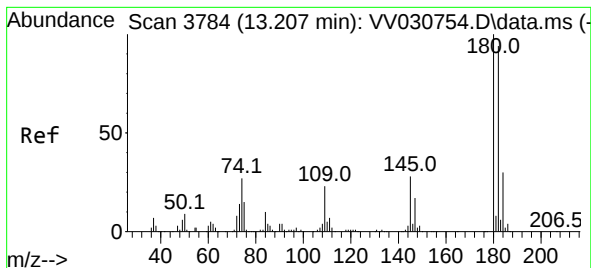
Tgt Ion:146 Resp: 3264
Ion Ratio Lower Upper
146 100
111 49.1 32.0 48.0#
148 59.1 50.6 76.0



#69
1,3,5-Trichlorobenzene
Concen: 3.637 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.620 min
Lab File: VV030773.D
Acq: 21 Apr 2023 18:31

Tgt Ion:180 Resp: 9362
Ion Ratio Lower Upper
180 100
182 87.9 76.4 114.6
184 27.8 24.1 36.1
145 28.1 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 4.283 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030773.D

Acq: 21 Apr 2023 18:31

Instrument :

MSVOA_V

ClientSampleId :

COMQ1

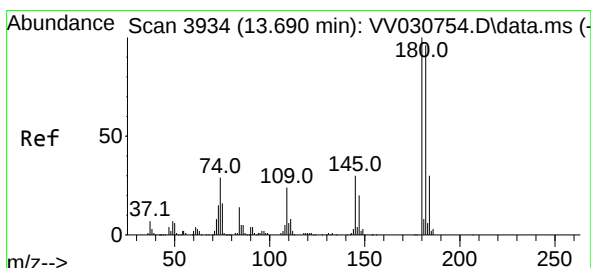
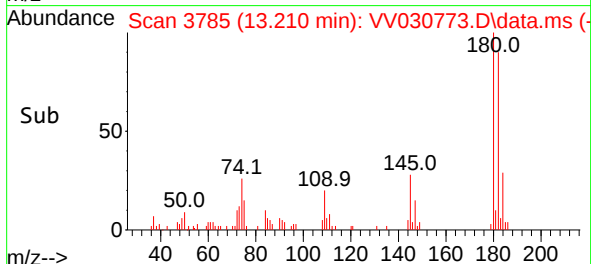
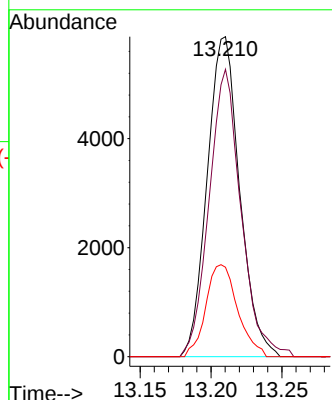
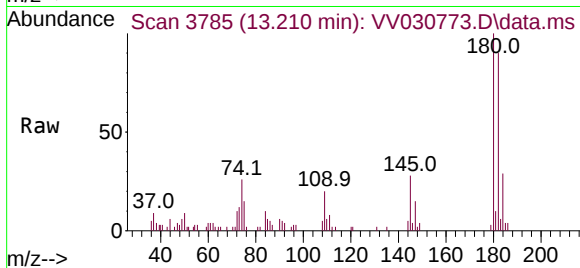
Tgt Ion:180 Resp: 9362

Ion Ratio Lower Upper

180 100

182 87.9 75.9 113.9

145 28.1 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 1.137 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030773.D

Acq: 21 Apr 2023 18:31

Tgt Ion:180 Resp: 2465

Ion Ratio Lower Upper

180 100

182 101.2 76.2 114.4

145 32.4 25.1 37.7

