

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039388.D
 Acq On : 20 Dec 2023 09:46
 Operator : JC/MD
 Sample : VX1220WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:24:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

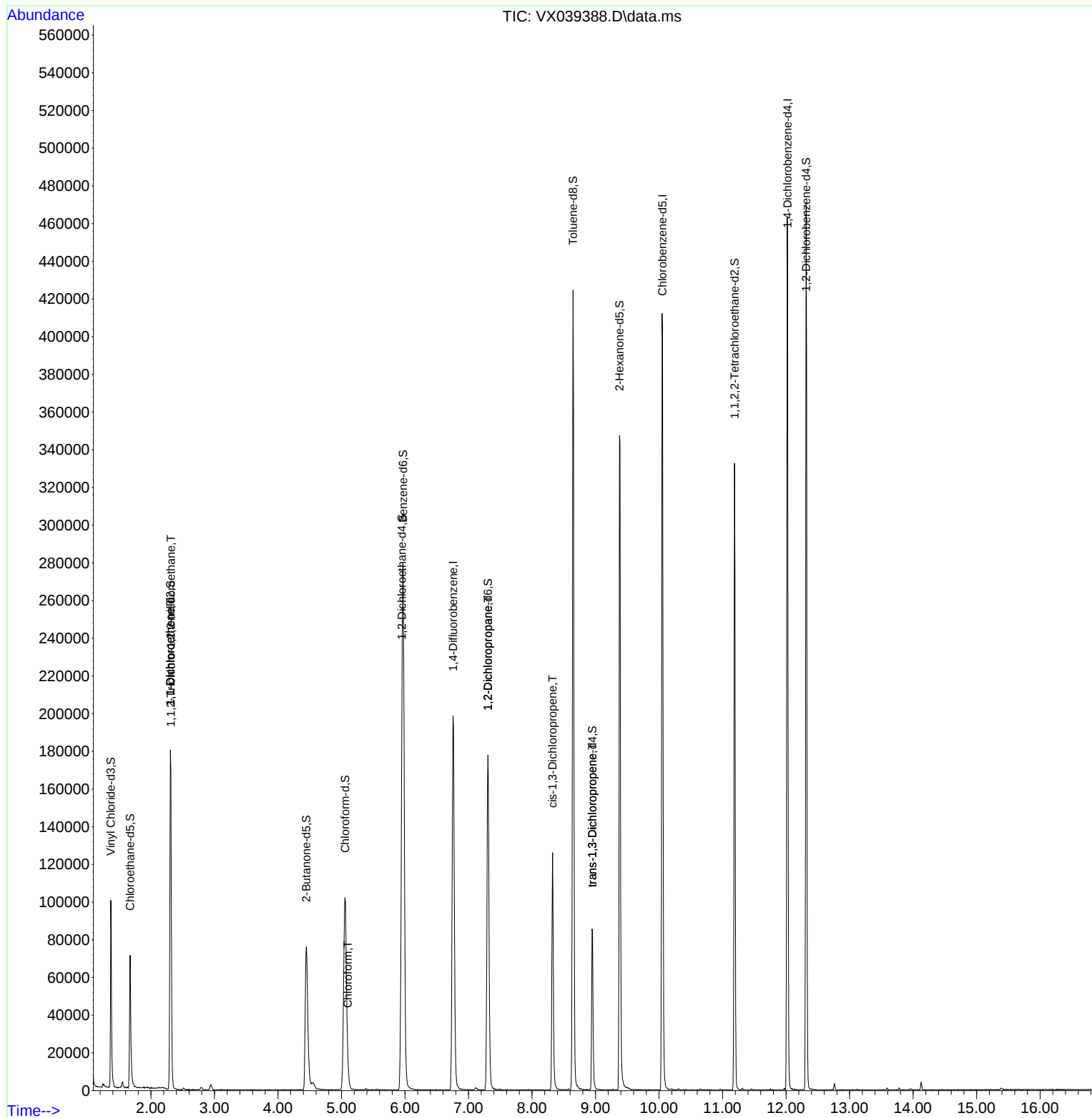
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	192109	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	180406	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	89177	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67150	44.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.120%
7) Chloroethane-d5	1.672	69	51918	46.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.240%
11) 1,1-Dichloroethene-d2	2.306	65	33089	50.027	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.060%
21) 2-Butanone-d5	4.446	46	137807	101.035	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.040%
24) Chloroform-d	5.056	84	128680	48.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.480%
26) 1,2-Dichloroethane-d4	5.952	65	96896	56.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.180%
32) Benzene-d6	5.970	84	269624	48.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.860%
36) 1,2-Dichloropropane-d6	7.306	67	90806	50.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.360%
41) Toluene-d8	8.647	98	239477	47.462	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.920%
43) trans-1,3-Dichloroprop...	8.952	79	40191	44.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.160%
47) 2-Hexanone-d5	9.378	63	97435	91.045	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.050%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	126101	49.610	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.220%
66) 1,2-Dichlorobenzene-d4	12.317	152	83037	49.262	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.520%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1015	0.771	ug/L #	21
12) 1,1-Dichloroethene	2.306	96	954	0.771	ug/L #	1
25) Chloroform	5.099	83	9340	3.632	ug/L	89
37) 1,2-Dichloropropane	7.306	63	10596	6.664	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3344	1.319	ug/L #	54
44) trans-1,3-Dichloropropene	8.952	75	2226	0.946	ug/L	91

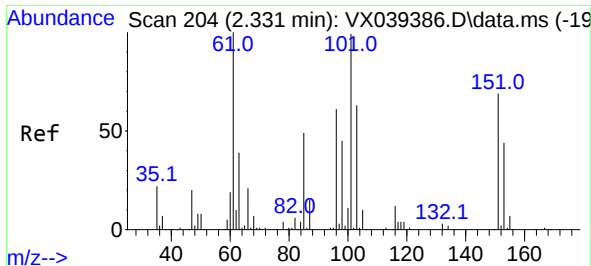
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
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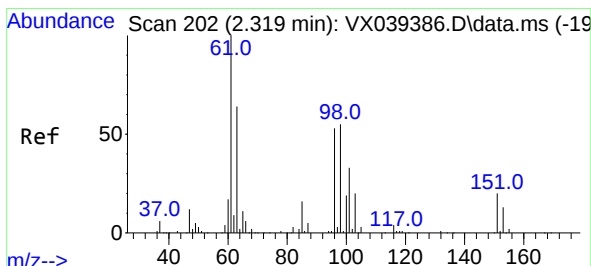
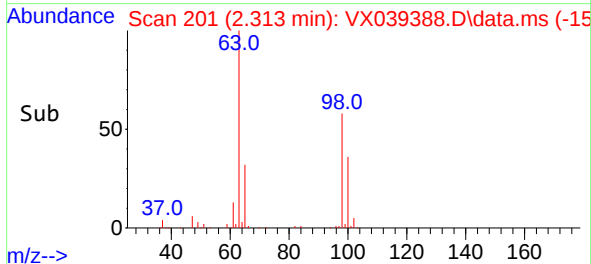
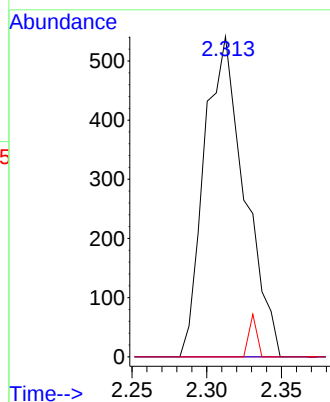
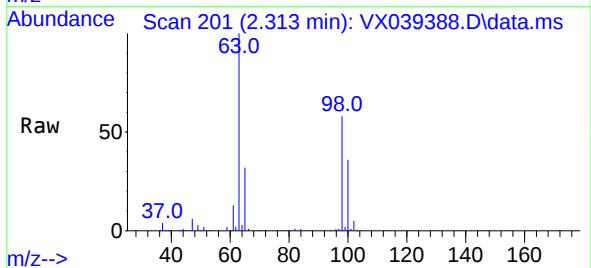




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.771 ug/L
RT: 2.313 min Scan# 20
Delta R.T. -0.018 min
Lab File: VX039388.D
Acq: 20 Dec 2023 09:46

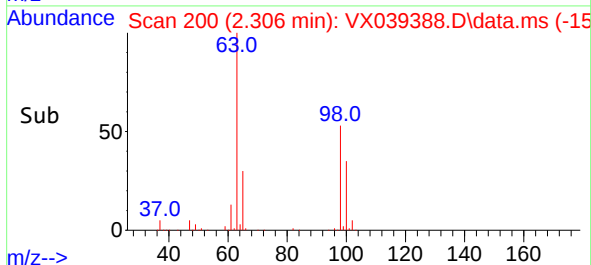
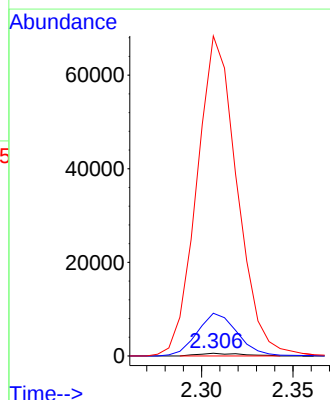
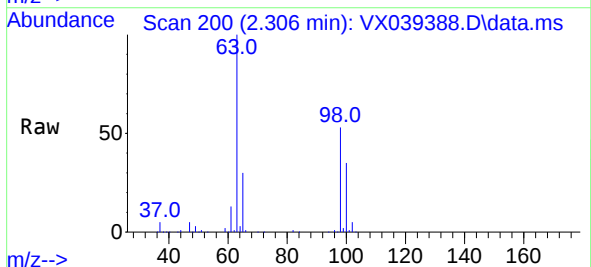
Instrument :
MSVOA_X
ClientSampleId :

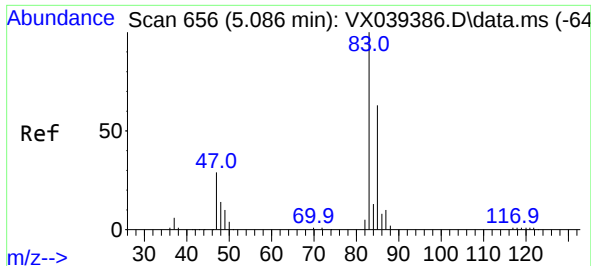
Tgt Ion:101 Resp: 1015
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.771 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX039388.D
Acq: 20 Dec 2023 09:46

Tgt Ion: 96 Resp: 954
Ion Ratio Lower Upper
96 100
61 1579.9 128.0 237.6#
63 11851.6 101.5 188.5#





#25

Chloroform

Concen: 3.632 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX039388.D

Acq: 20 Dec 2023 09:46

Instrument :

MSVOA_X

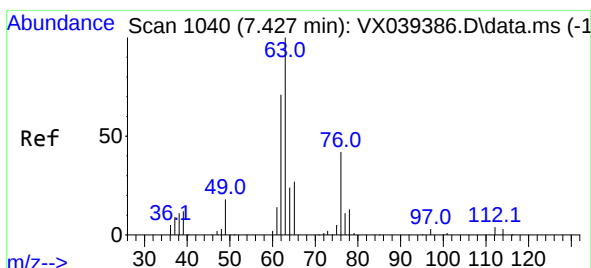
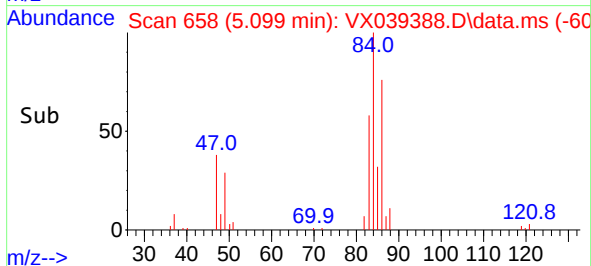
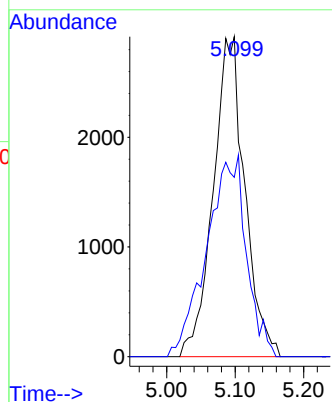
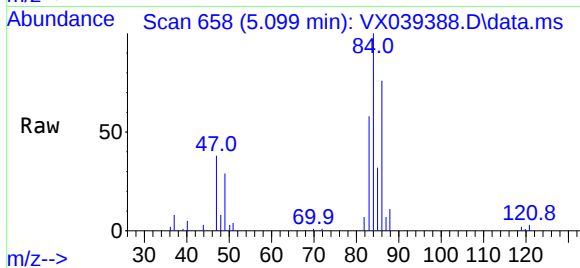
ClientSampleId :

Tgt Ion: 83 Resp: 9340

Ion Ratio Lower Upper

83 100

85 56.1 45.1 83.7



#37

1,2-Dichloropropane

Concen: 6.664 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039388.D

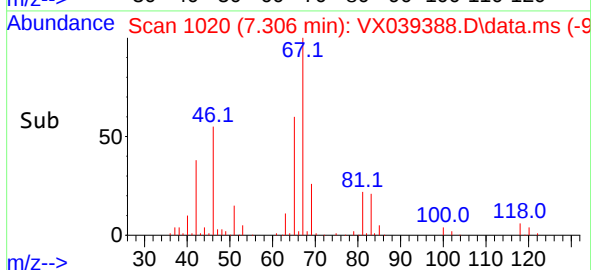
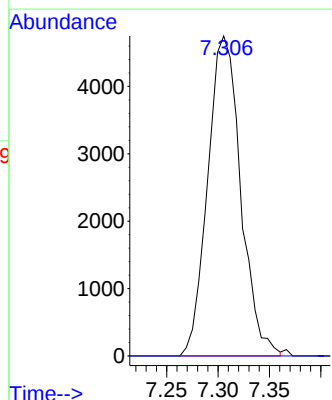
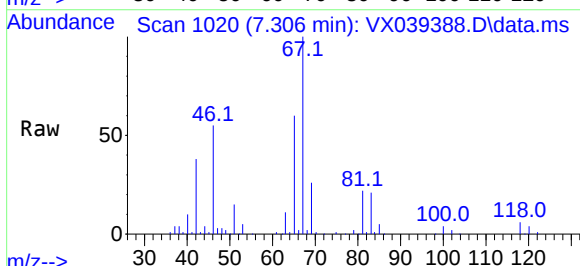
Acq: 20 Dec 2023 09:46

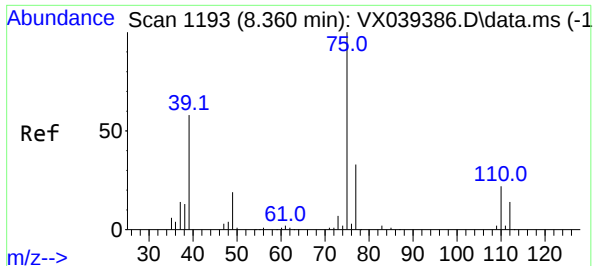
Tgt Ion: 63 Resp: 10596

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.319 ug/L

RT: 8.324 min Scan# 1193

Delta R.T. -0.043 min

Lab File: VX039388.D

Acq: 20 Dec 2023 09:46

Instrument :

MSVOA_X

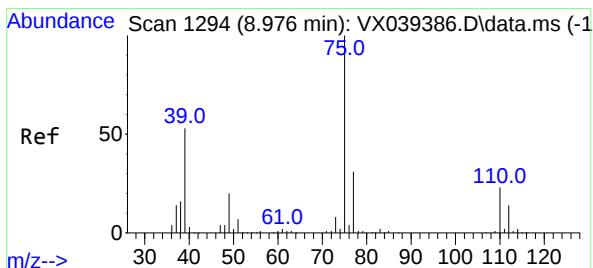
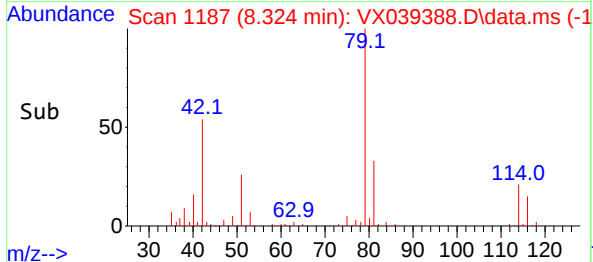
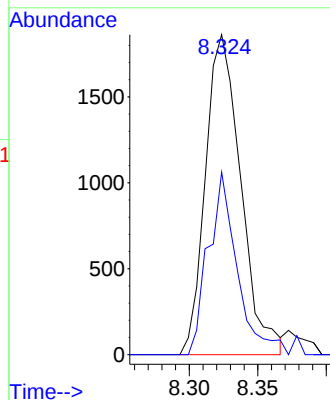
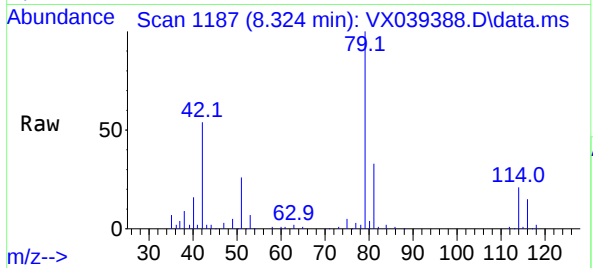
ClientSampleId :

Tgt Ion: 75 Resp: 3344

Ion Ratio Lower Upper

75 100

77 57.0 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.946 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039388.D

Acq: 20 Dec 2023 09:46

Tgt Ion: 75 Resp: 2226

Ion Ratio Lower Upper

75 100

77 36.6 22.0 40.8

