

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051031.D
 Acq On : 30 Sep 2022 14:15
 Operator : JC/MD
 Sample : N4854-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 01:26:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 01:23:58 2022
 Response via : Initial Calibration

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

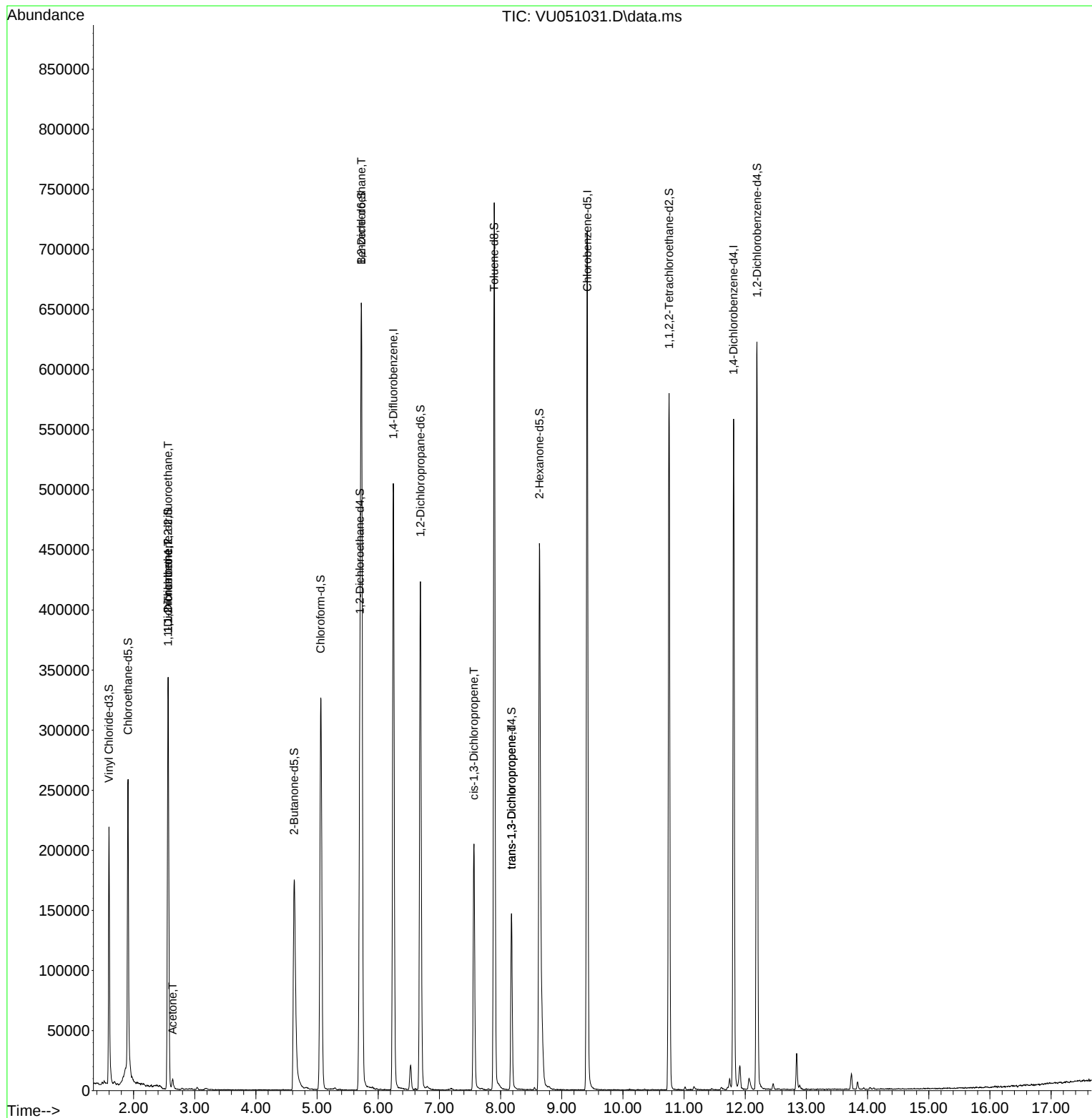
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	394641	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	398420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	145050	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	161361	40.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.700%
7) Chloroethane-d5	1.909	69	168047	45.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.460%
11) 1,1-Dichloroethene-d2	2.565	63	201750	34.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.300%
21) 2-Butanone-d5	4.626	46	271855	104.801	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.800%
24) Chloroform-d	5.060	84	304376	47.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
26) 1,2-Dichloroethane-d4	5.700	65	197717	49.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.140%
32) Benzene-d6	5.726	84	601981	51.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.690	67	207078	54.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.400%
41) Toluene-d8	7.896	98	485132	45.005	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.179	79	83171	46.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.120%
47) 2-Hexanone-d5	8.636	63	133739	87.486	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.490%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	295704	44.691	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	159468	51.463	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.920%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1999	0.664	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1598	0.568	ug/L #	1
13) Acetone	2.639	43	9535	4.603	ug/L	96
27) 1,2-Dichloroethane	5.726	62	3249	0.686	ug/L	98
39) cis-1,3-Dichloropropene	7.565	75	5098	1.101	ug/L #	44
44) trans-1,3-Dichloropropene	8.179	75	3694	0.789	ug/L	92

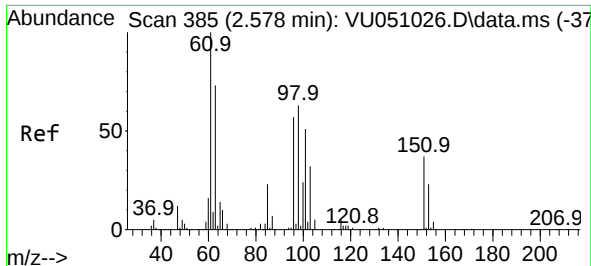
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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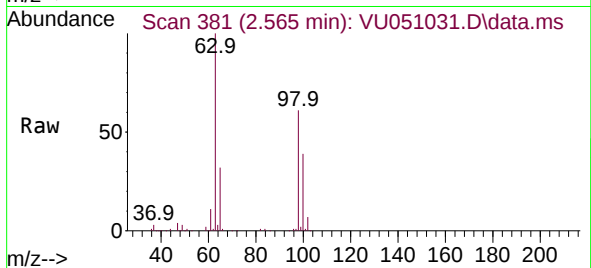
Quant Time: Oct 01 01:26:06 2022
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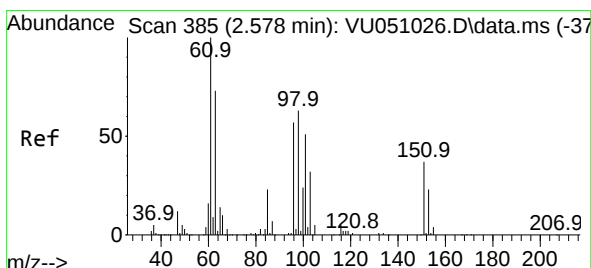
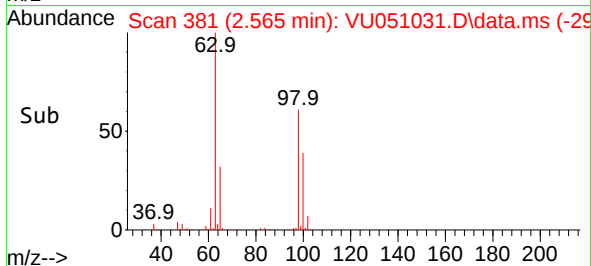
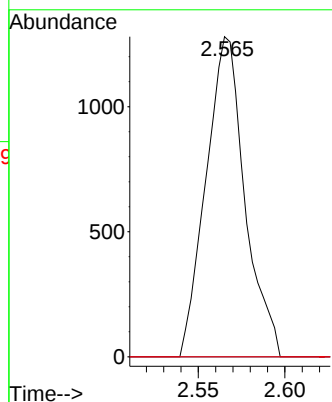


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.664 ug/L
 RT: 2.565 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU051031.D
 Acq: 30 Sep 2022 14:15

Instrument :
 MSVOA_U
 ClientSampleId :

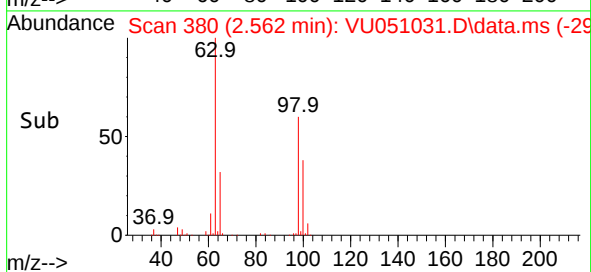
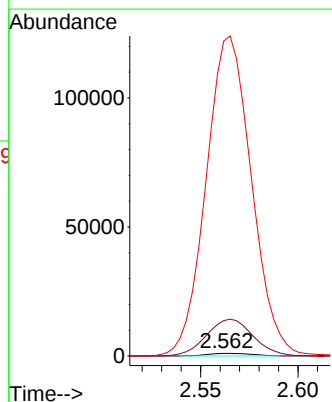
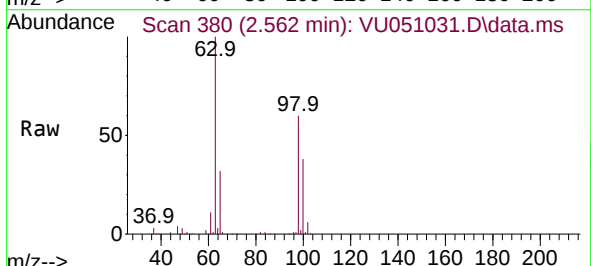


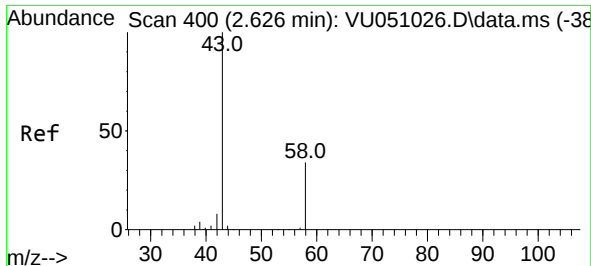
Tgt Ion: 101 Resp: 1999
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.568 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU051031.D
 Acq: 30 Sep 2022 14:15

Tgt Ion: 96 Resp: 1598
 Ion Ratio Lower Upper
 96 100
 61 1372.4 113.0 209.9#
 63 12230.1 91.7 170.3#





#13

Acetone

Concen: 4.603 ug/L

RT: 2.639 min Scan# 400

Delta R.T. 0.013 min

Lab File: VU051031.D

Acq: 30 Sep 2022 14:15

Instrument :

MSVOA_U

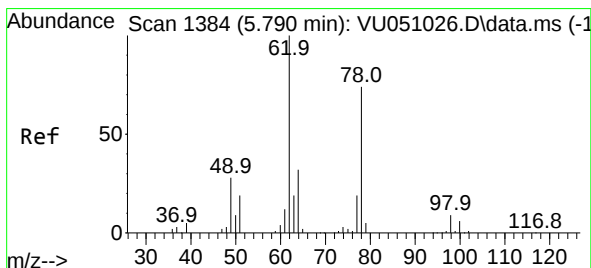
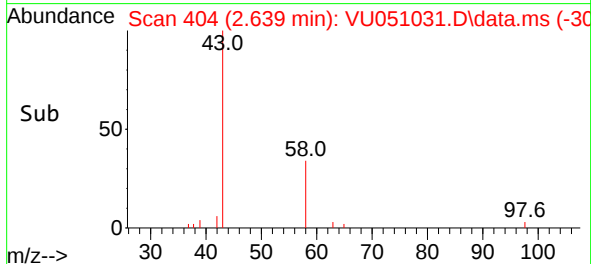
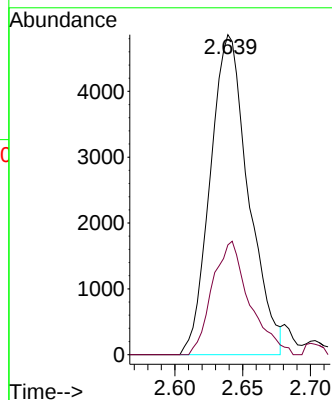
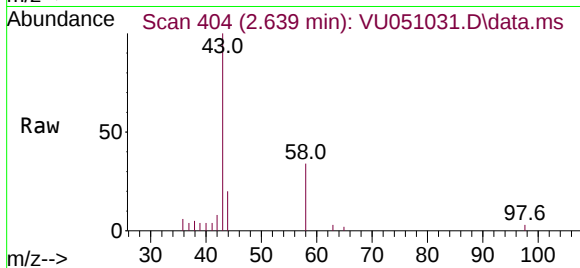
ClientSampleId :

Tgt Ion: 43 Resp: 9535

Ion Ratio Lower Upper

43 100

58 34.4 0.0 73.6



#27

1,2-Dichloroethane

Concen: 0.686 ug/L

RT: 5.726 min Scan# 1364

Delta R.T. -0.064 min

Lab File: VU051031.D

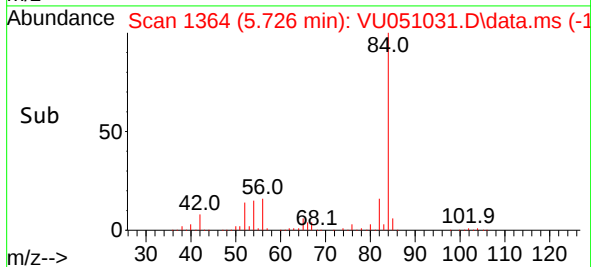
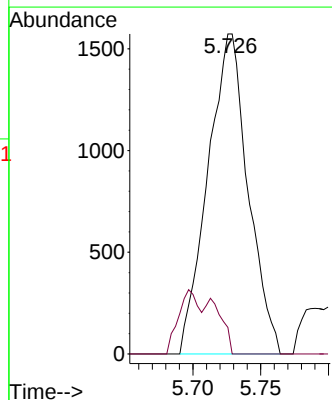
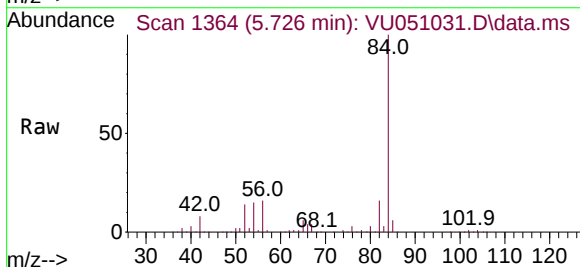
Acq: 30 Sep 2022 14:15

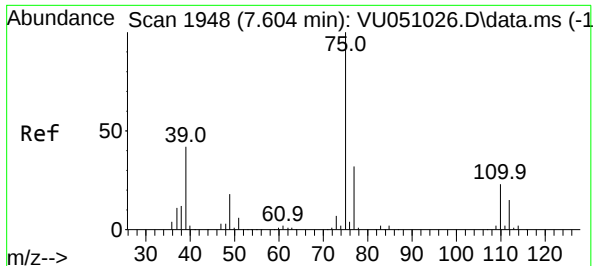
Tgt Ion: 62 Resp: 3249

Ion Ratio Lower Upper

62 100

98 8.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 1.101 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.039 min

Lab File: VU051031.D

Acq: 30 Sep 2022 14:15

Instrument :

MSVOA_U

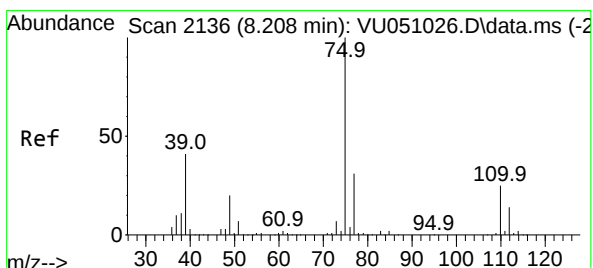
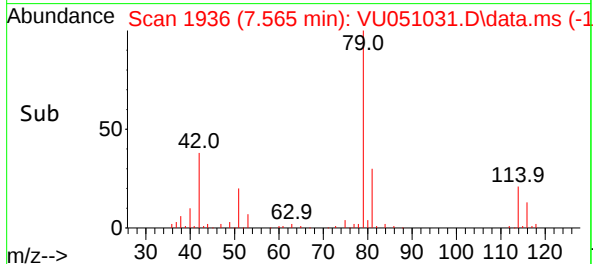
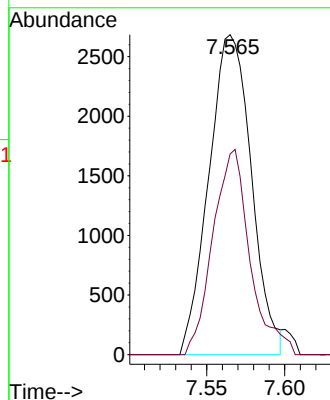
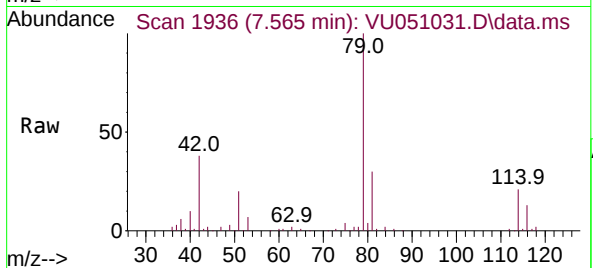
ClientSampleId :

Tgt Ion: 75 Resp: 5098

Ion Ratio Lower Upper

75 100

77 62.7 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.789 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051031.D

Acq: 30 Sep 2022 14:15

Tgt Ion: 75 Resp: 3694

Ion Ratio Lower Upper

75 100

77 37.2 22.7 42.3

