

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061323\
 Data File : VU054508.D
 Acq On : 13 Jun 2023 14:04
 Operator : MD/SY
 Sample : 03104-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONL8

Quant Time: Jun 14 00:08:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

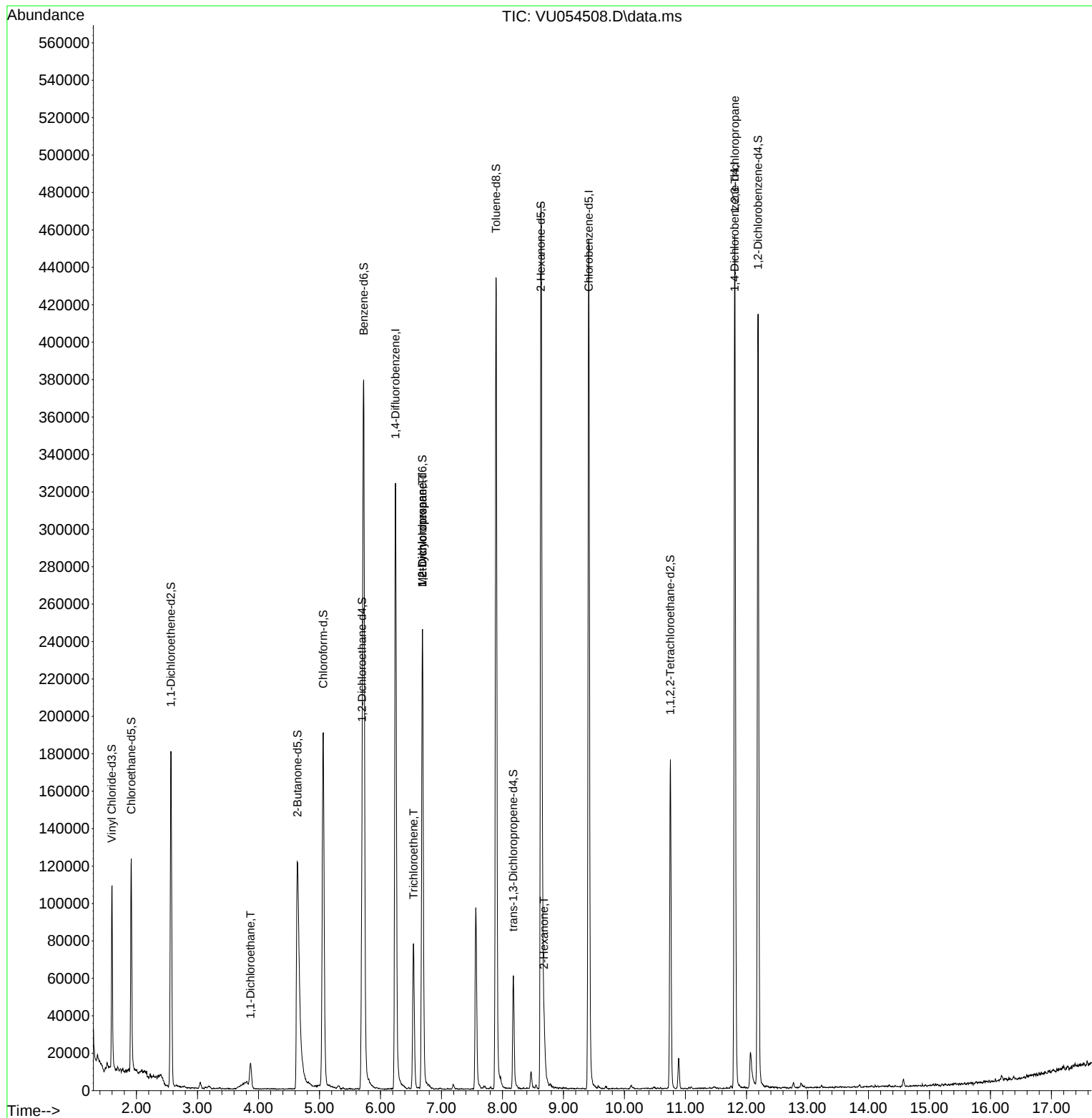
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	268463	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	261914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125297	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	75906	4.443	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.914	69	86720	5.421	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.563	65	34221	4.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.637	46	261724	54.484	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.960%
24) Chloroform-d	5.062	84	183202	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.698	65	90949	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.724	84	358492	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.685	67	124380	5.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.894	98	298301	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.177	79	36307	4.294	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.631	63	163757	46.163	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.320%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91436	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	111493	5.276	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.869	63	16501	0.397	ug/L	92
34) Trichloroethene	6.541	95	26283	1.056	ug/L	96
35) Methylcyclohexane	6.685	83	27422	0.729	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	13367	0.525	ug/L #	89
48) 2-Hexanone	8.682	43	12617	1.247	ug/L #	83
61) 1,2,3-Trichloropropane	11.811	75	15321	1.210	ug/L #	70

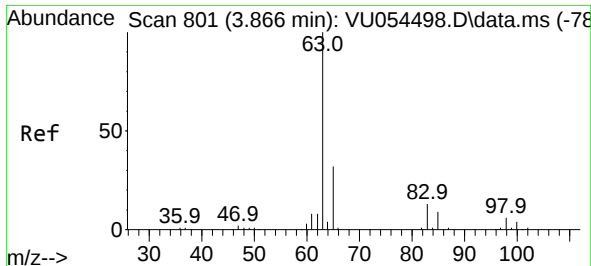
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.397 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU054508.D

Acq: 13 Jun 2023 14:04

Instrument :

MSVOA_U

ClientSampleId :

CONL8

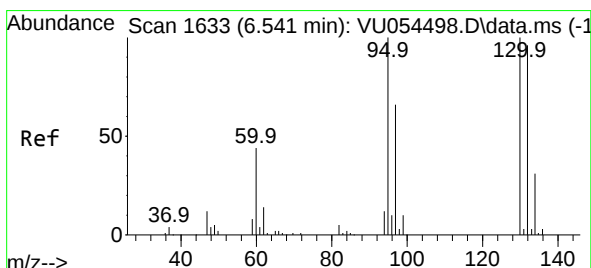
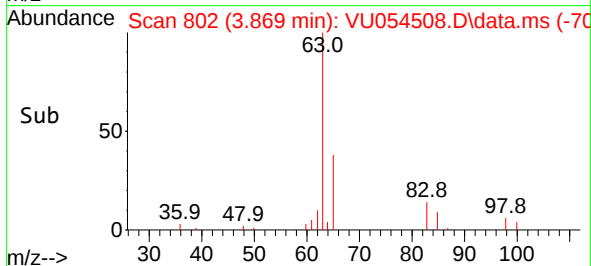
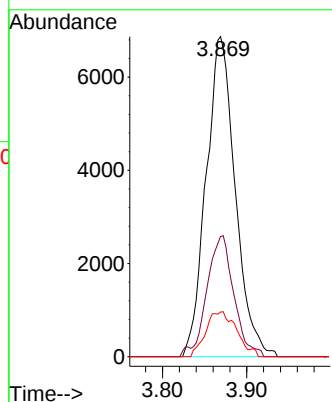
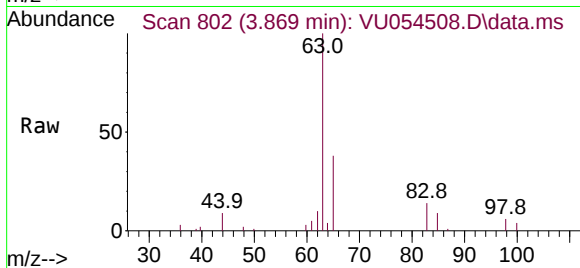
Tgt Ion: 63 Resp: 16501

Ion Ratio Lower Upper

63 100

65 37.6 22.2 41.2

83 14.0 9.0 16.6



#34

Trichloroethene

Concen: 1.056 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU054508.D

Acq: 13 Jun 2023 14:04

Tgt Ion: 95 Resp: 26283

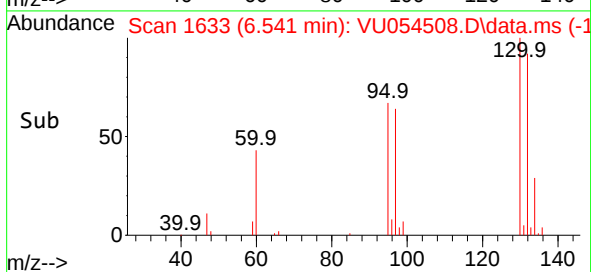
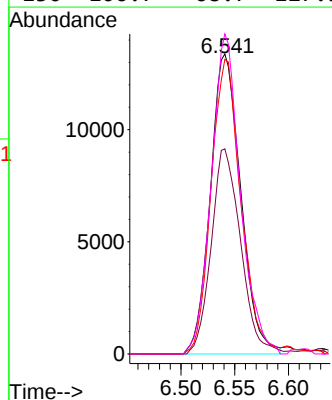
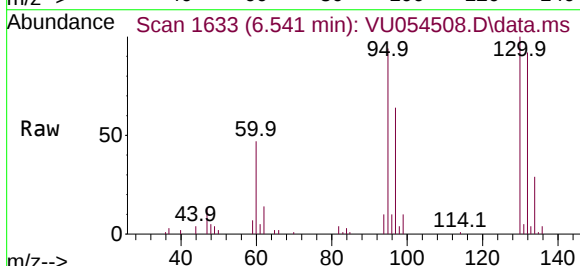
Ion Ratio Lower Upper

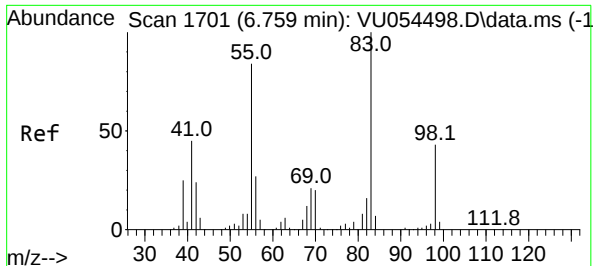
95 100

97 68.4 46.8 87.0

132 98.2 68.4 127.0

130 106.7 68.7 127.5

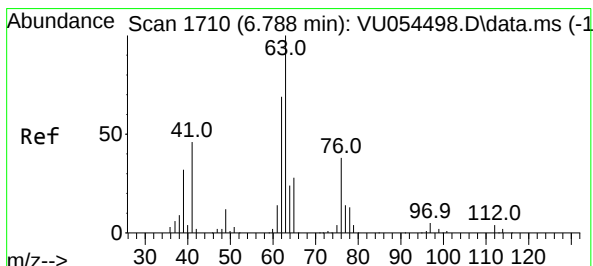
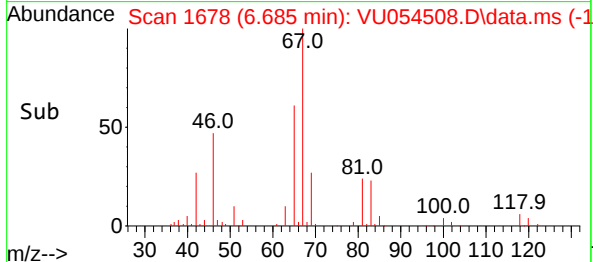
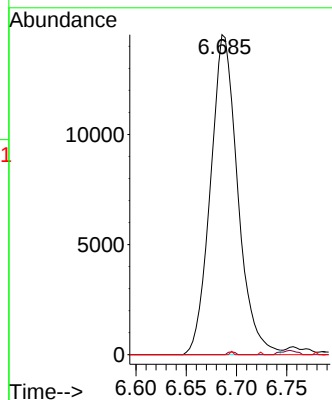
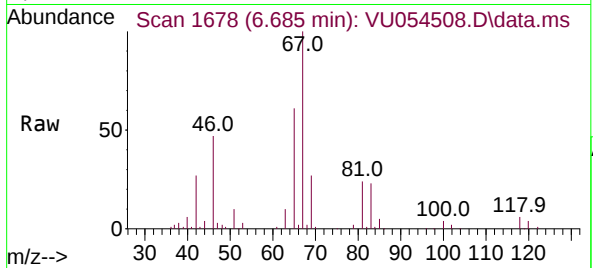




#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054508.D
Acq: 13 Jun 2023 14:04

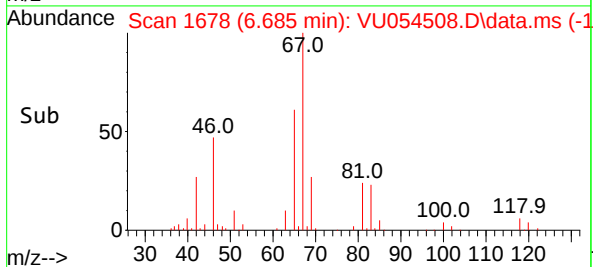
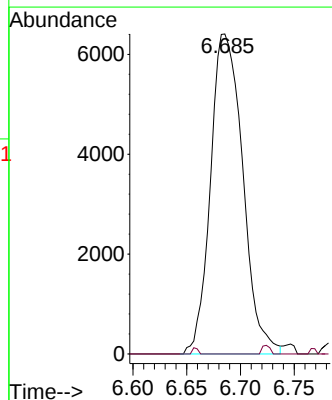
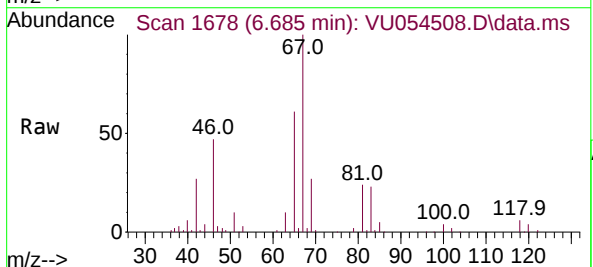
Instrument :
MSVOA_U
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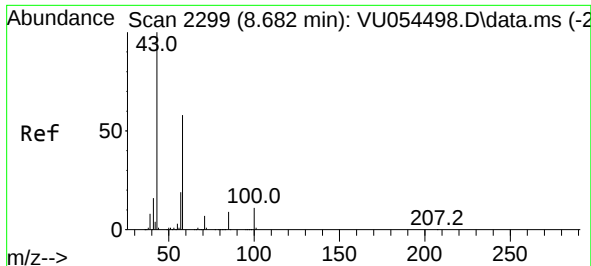
Tgt Ion: 83 Resp: 27422
Ion Ratio Lower Upper
83 100
55 0.2 67.1 100.7#
98 2.0 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU054508.D
Acq: 13 Jun 2023 14:04

Tgt Ion: 63 Resp: 13367
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#





#48

2-Hexanone

Concen: 1.247 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054508.D

Acq: 13 Jun 2023 14:04

Instrument :

MSVOA_U

ClientSampleId :

CONL8

Tgt Ion: 43 Resp: 12617

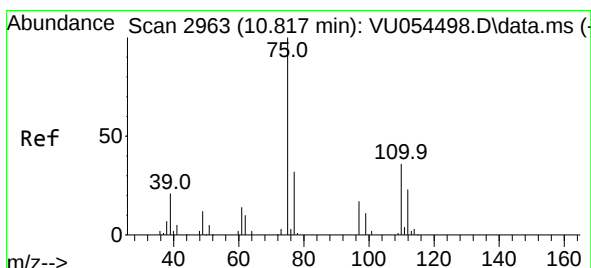
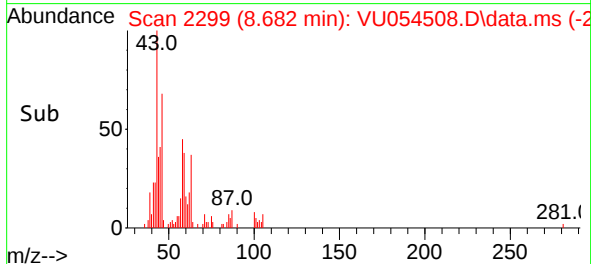
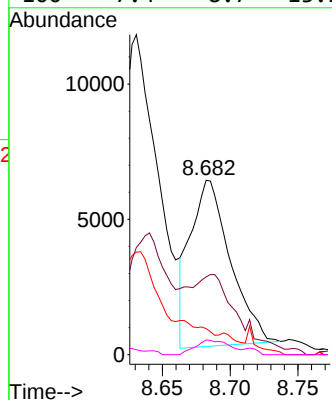
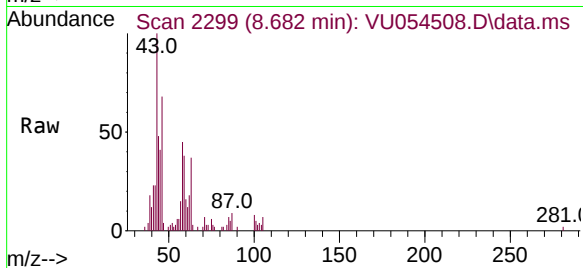
Ion Ratio Lower Upper

43 100

58 49.1 45.2 67.8

57 0.0 15.8 23.6#

100 7.4 8.7 13.1#



#61

1,2,3-Trichloropropane

Concen: 1.210 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU054508.D

Acq: 13 Jun 2023 14:04

Tgt Ion: 75 Resp: 15321

Ion Ratio Lower Upper

75 100

110 2.4 28.0 42.0#

77 32.6 25.4 38.2

