

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057576.D
 Acq On : 23 Jan 2024 18:44
 Operator : MD/SY
 Sample : P1228-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 01:08:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:56:55 2024
 Response via : Initial Calibration

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

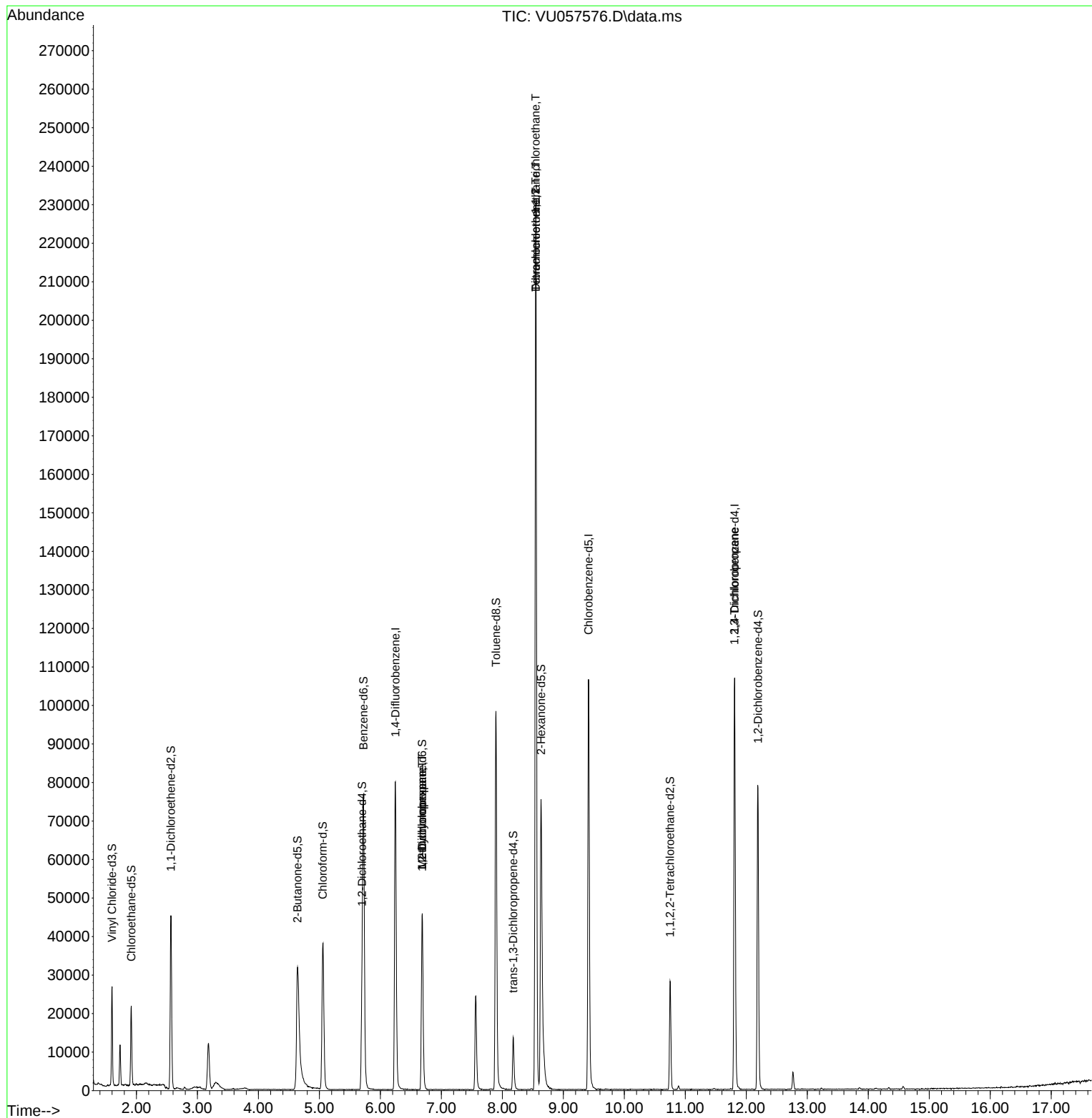
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	68183	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28900	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17825	4.745	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.914	69	15166	4.818	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.563	65	8805	4.985	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.600%	
20) 2-Butanone-d5	4.641	46	36144	51.001	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.000%	
24) Chloroform-d	5.055	84	35885	4.706	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.698	65	17729	5.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.721	84	73118	5.035	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
36) 1,2-Dichloropropane-d6	6.682	67	21915	5.004	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.894	98	69490	5.041	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
43) trans-1,3-Dichloroprop...	8.177	79	8581	4.916	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.400%	
46) 2-Hexanone-d5	8.634	63	27735	49.800	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.600%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14269	4.860	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	21474	5.295	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						Qvalue
35) Methylcyclohexane	6.685	83	5384	0.569	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2478	0.467	ug/L #	89
45) 1,1,2-Trichloroethane	8.544	97	478	0.138	ug/L #	1
47) Tetrachloroethene	8.547	164	49244	11.448	ug/L	98
49) Dibromochloromethane	8.547	129	49437	11.050	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	3683	1.270	ug/L #	64

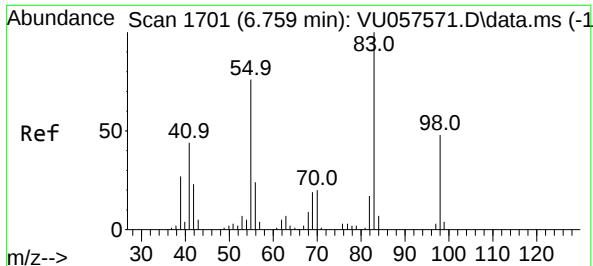
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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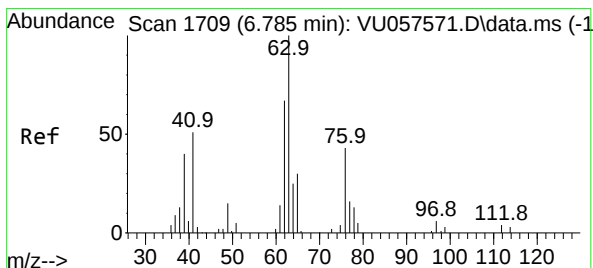
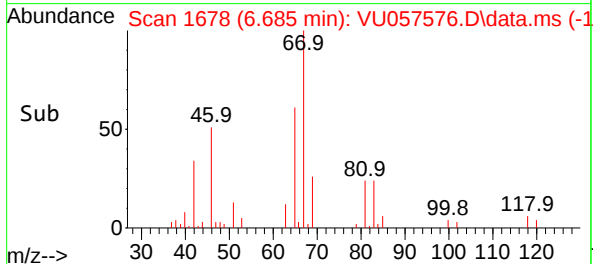
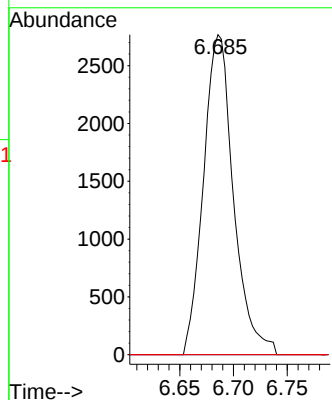
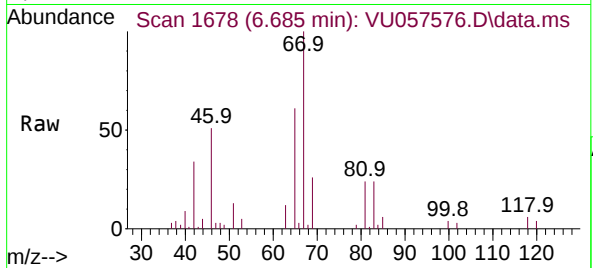




#35
Methylcyclohexane
Concen: 0.569 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057576.D
Acq: 23 Jan 2024 18:44

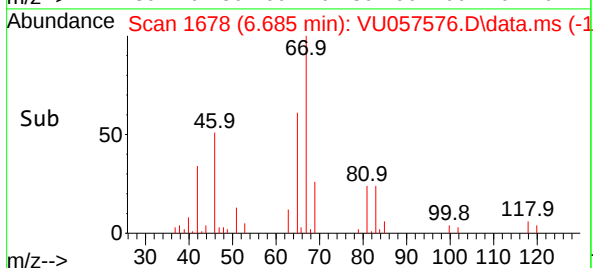
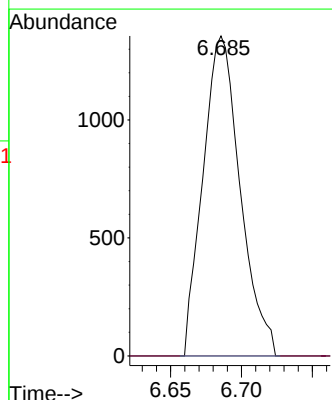
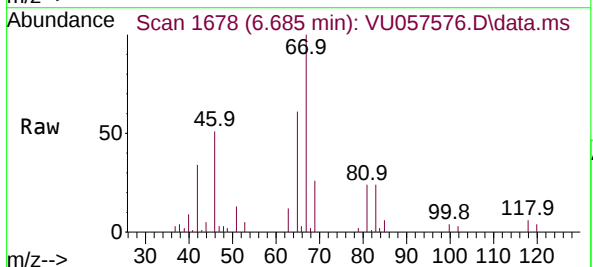
Instrument :
MSVOA_U
ClientSampleId :

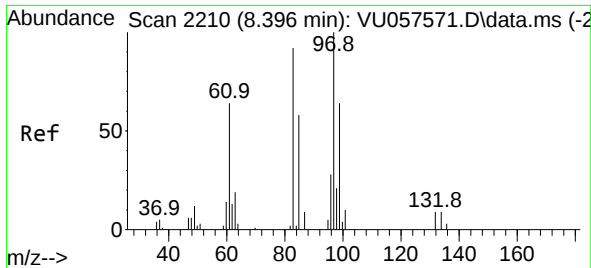
Tgt Ion: 83 Resp: 5384
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.467 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057576.D
Acq: 23 Jan 2024 18:44

Tgt Ion: 63 Resp: 2478
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



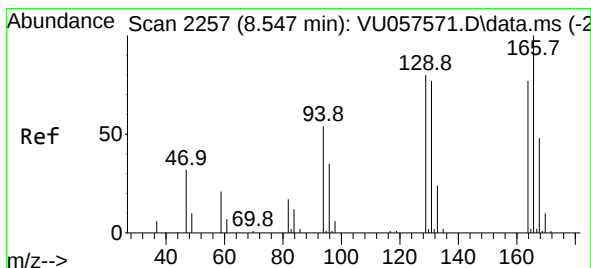
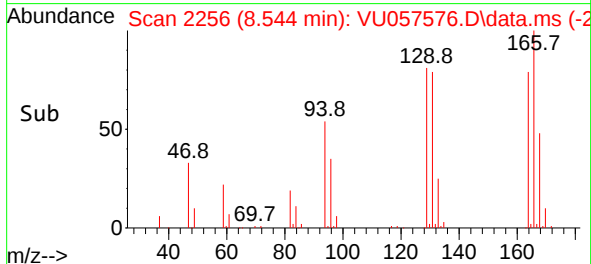
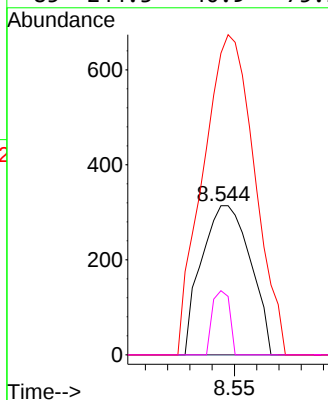
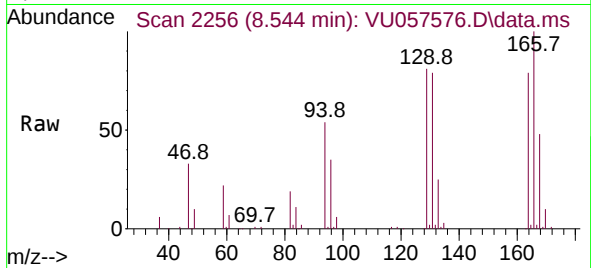


#45
1,1,2-Trichloroethane
Concen: 0.138 ug/L
RT: 8.544 min Scan# 21
Delta R.T. 0.148 min
Lab File: VU057576.D
Acq: 23 Jan 2024 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 478

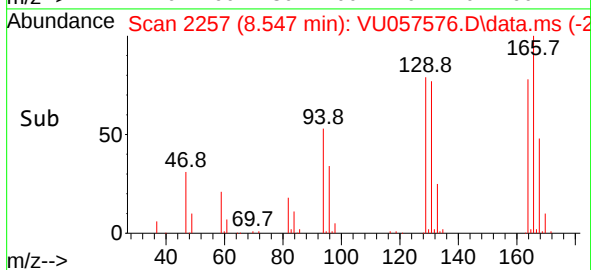
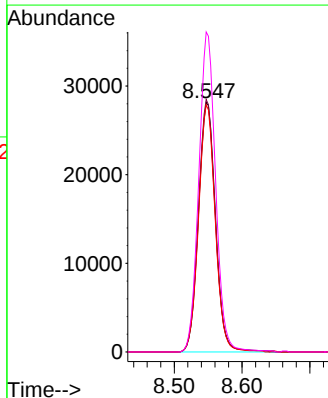
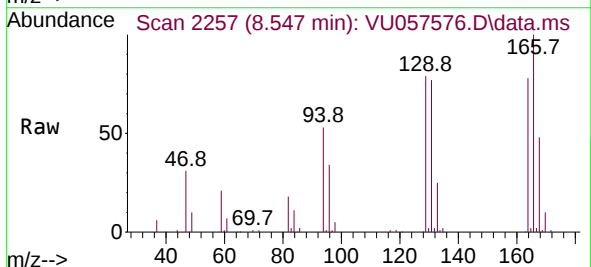
Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.1	83.7#
83	202.2	62.3	115.7#
85	244.3	40.9	75.9#

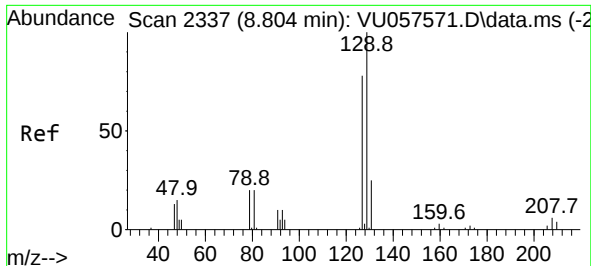


#47
Tetrachloroethene
Concen: 11.448 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057576.D
Acq: 23 Jan 2024 18:44

Tgt Ion: 164 Resp: 49244

Ion	Ratio	Lower	Upper
164	100		
129	101.3	71.3	132.5
131	99.1	68.1	126.5
166	128.3	87.4	162.4





#49

Dibromochloromethane

Concen: 11.050 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057576.D

Acq: 23 Jan 2024 18:44

Instrument :

MSVOA_U

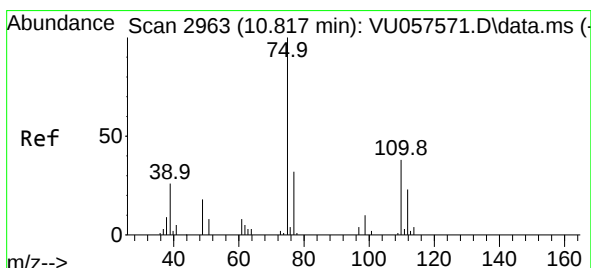
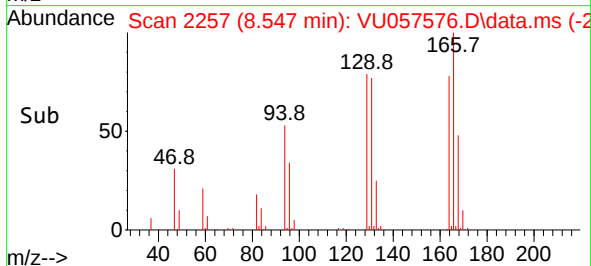
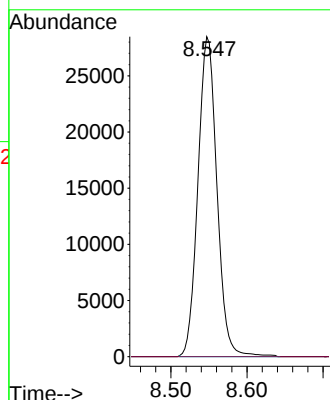
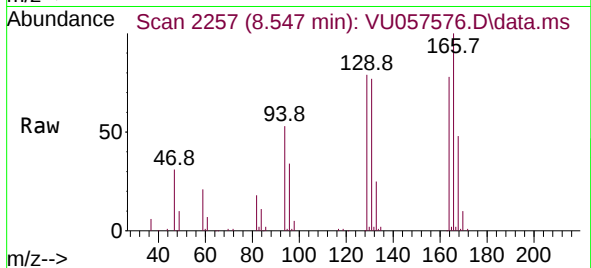
ClientSampleId :

Tgt Ion:129 Resp: 49437

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.270 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057576.D

Acq: 23 Jan 2024 18:44

Tgt Ion: 75 Resp: 3683

Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

77 34.6 25.5 38.3

