

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052274.D
 Acq On : 09 Dec 2022 01:51
 Operator : JC/MD
 Sample : N5958-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EM5

Quant Time: Dec 09 05:02:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

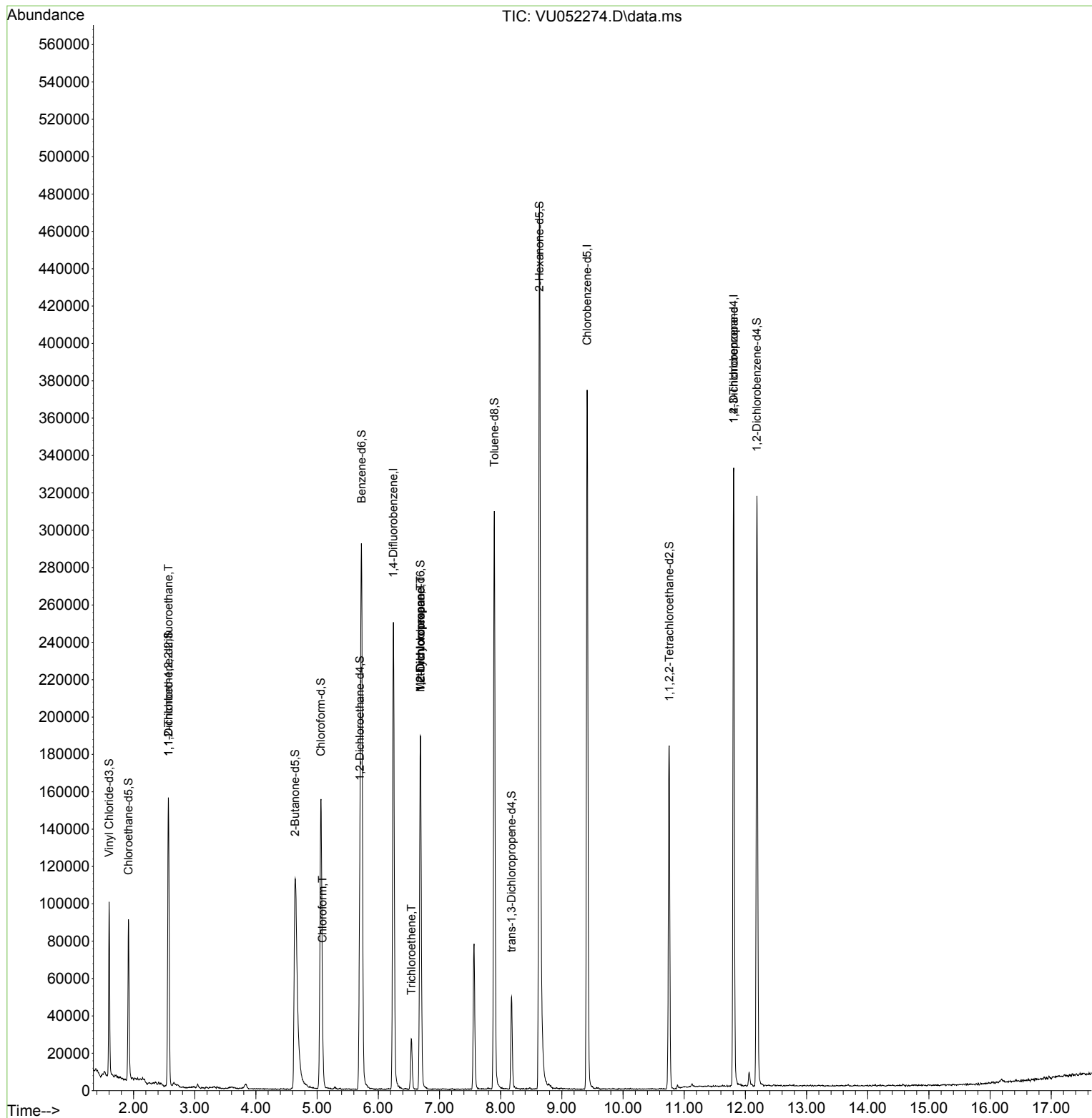
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	211441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	219150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	92624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	68919	3.351	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.916	69	67107	4.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.572	65	28956	3.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.639	46	248540	66.668	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.340%#
24) Chloroform-d	5.060	84	147597	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.700	65	77300	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.726	84	289095	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.690	67	100128	4.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.896	98	218920	3.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.179	79	29943	4.081	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.632	63	166585	53.573	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.140%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	96768	5.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	88804	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1042	0.067	ug/L #	24
25) Chloroform	5.086	83	11676	0.389	ug/L	92
34) Trichloroethene	6.543	95	8627	0.485	ug/L #	73
35) Methylcyclohexane	6.690	83	21111	0.825	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9258	0.501	ug/L #	90
61) 1,2,3-Trichloropropane	11.809	75	10748	1.014	ug/L #	67

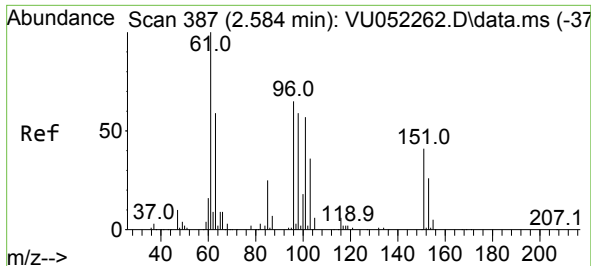
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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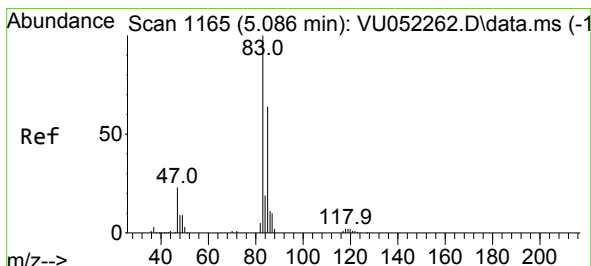
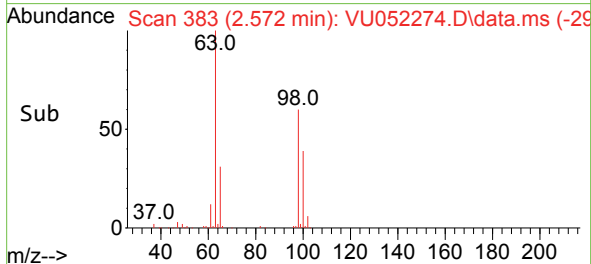
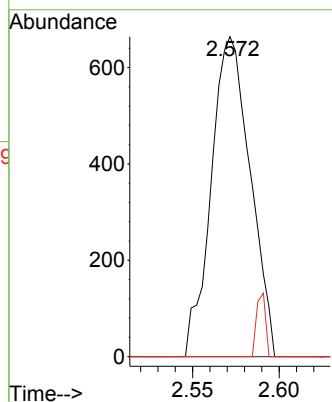
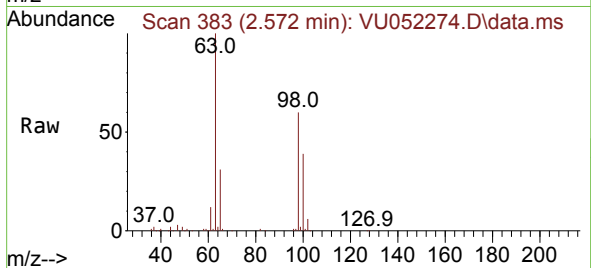




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.572 min Scan# 387
Delta R.T. -0.010 min
Lab File: VU052274.D
Acq: 09 Dec 2022 01:51

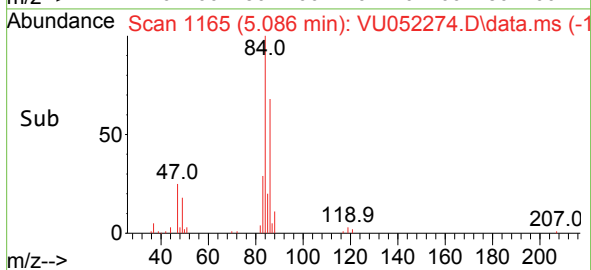
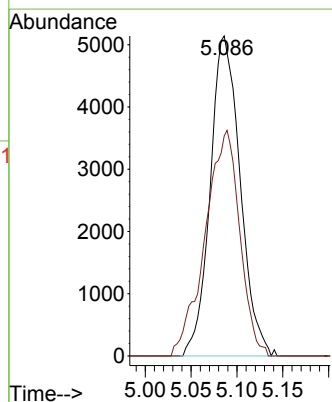
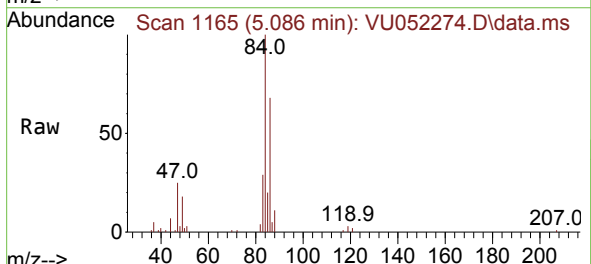
Instrument :
MSVOA_U
ClientSampleId :
C0EM5

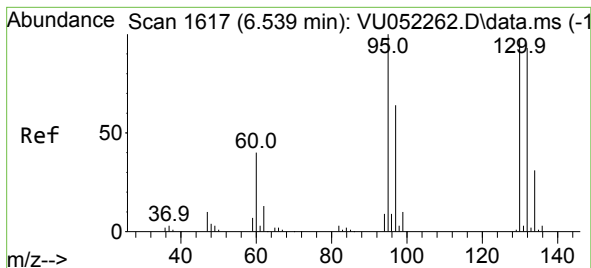
Tgt Ion:101 Resp: 1042
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 4.5 58.6 88.0#



#25
Chloroform
Concen: 0.389 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU052274.D
Acq: 09 Dec 2022 01:51

Tgt Ion: 83 Resp: 11676
Ion Ratio Lower Upper
83 100
85 68.7 43.8 81.4





#34

Trichloroethene

Concen: 0.485 ug/L

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052274.D

Acq: 09 Dec 2022 01:51

Instrument :

MSVOA_U

ClientSampleId :

C0EM5

Tgt Ion: 95 Resp: 8627

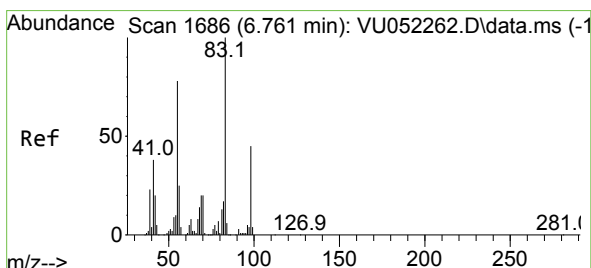
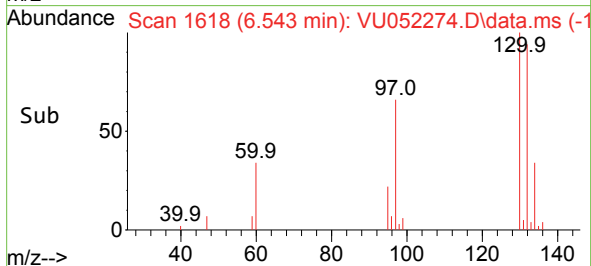
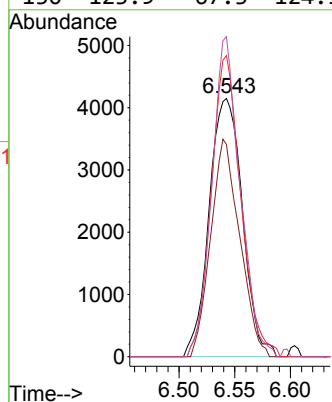
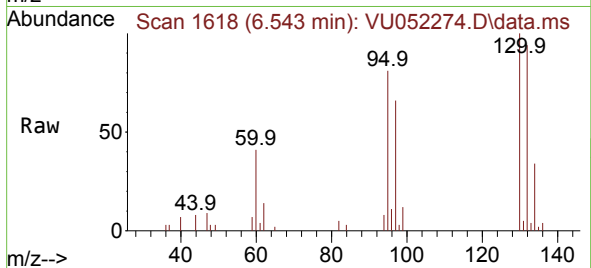
Ion Ratio Lower Upper

95 100

97 82.2 43.7 81.1#

132 116.6 64.3 119.3

130 123.9 67.3 124.9



#35

Methylcyclohexane

Concen: 0.825 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU052274.D

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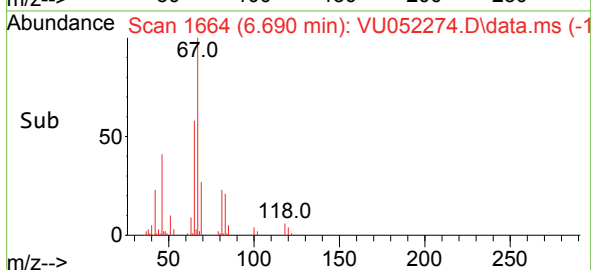
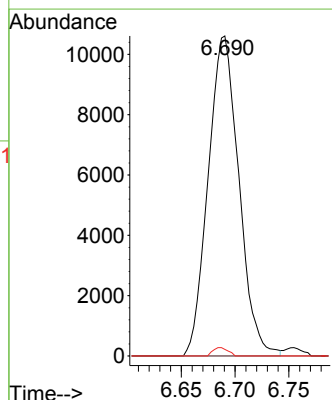
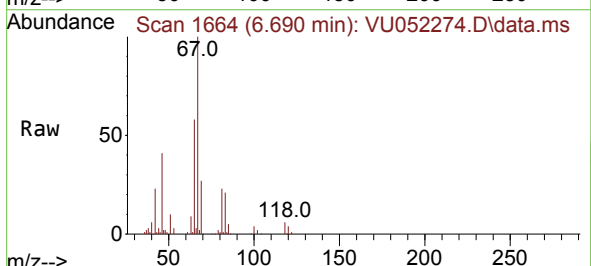
Tgt Ion: 83 Resp: 21111

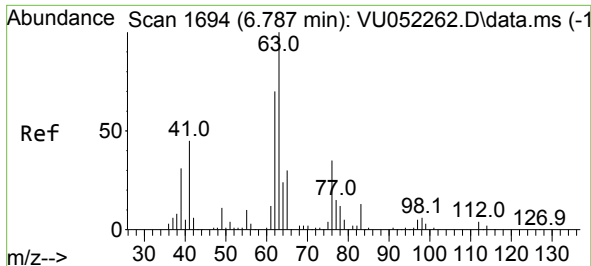
Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 1.3 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.501 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052274.D

Acq: 09 Dec 2022 01:51

Instrument :

MSVOA_U

ClientSampleId :

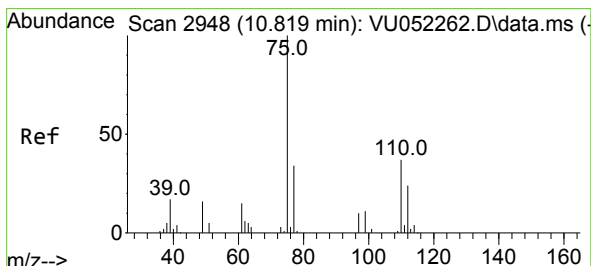
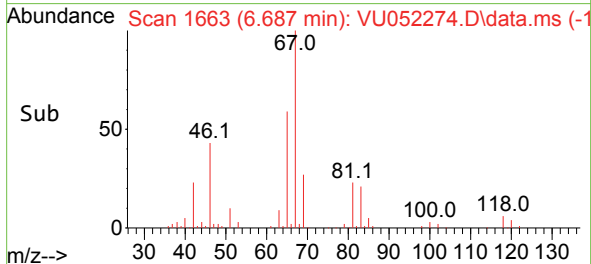
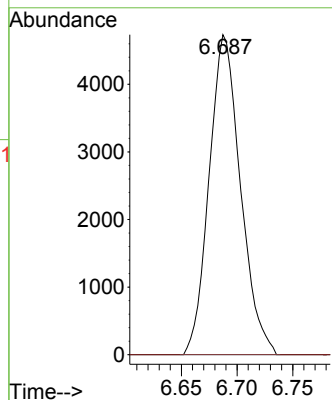
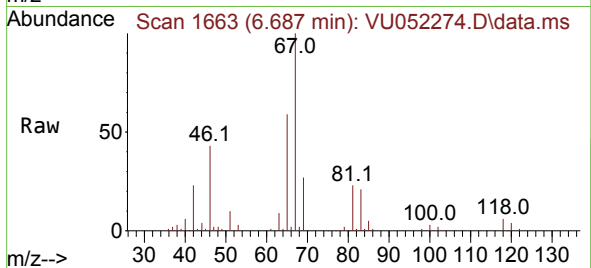
C0EM5

Tgt Ion: 63 Resp: 9258

Ion Ratio Lower Upper

63 100

112 0.8 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.014 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052274.D

Acq: 09 Dec 2022 01:51

Tgt Ion: 75 Resp: 10748

Ion Ratio Lower Upper

75 100

110 2.8 28.3 42.5#

77 28.0 26.2 39.2

