

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052222.D
 Acq On : 08 Dec 2022 02:03
 Operator : JC/MD
 Sample : N5918-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EG0

Quant Time: Dec 08 04:34:36 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)

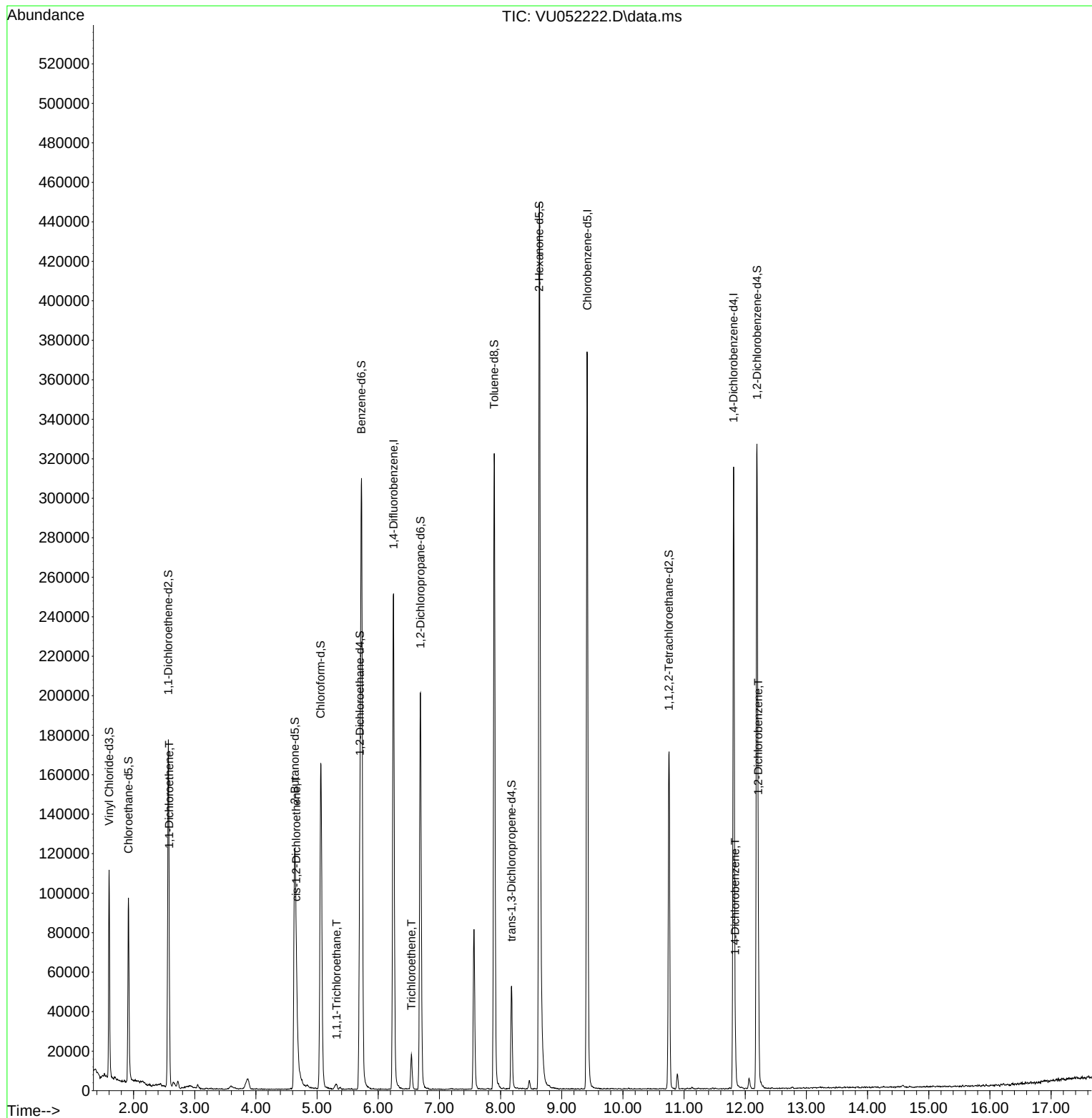
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	211910	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	221586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90076	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81509	3.954	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.915	69	73905	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.568	65	31756	4.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.636	46	221392	59.255	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.500%
24) Chloroform-d	5.060	84	158994	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.700	65	80808	5.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.726	84	304131	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.690	67	103925	5.105	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	228706	3.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.179	79	30626	4.128	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.632	63	155655	49.508	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	90691	5.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	87410	5.069	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
12) 1,1-Dichloroethene	2.581	96	6127	0.399	ug/L #	1
22) cis-1,2-Dichloroethene	4.661	96	4102	0.237	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	1962	0.080	ug/L #	86
34) Trichloroethene	6.542	95	6010	0.334	ug/L	92
65) 1,4-Dichlorobenzene	11.835	146	8465	0.294	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	32480	1.167	ug/L	96

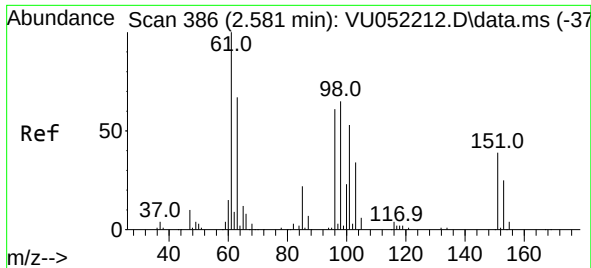
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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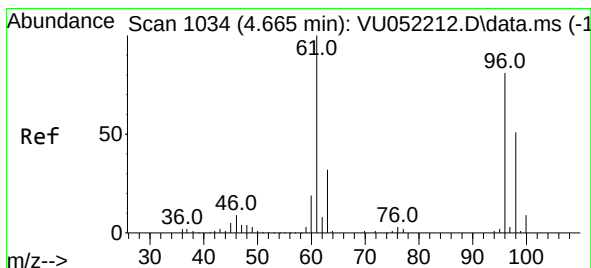
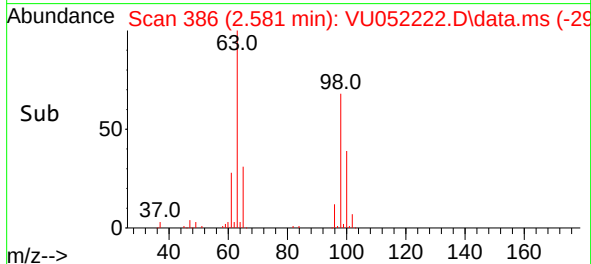
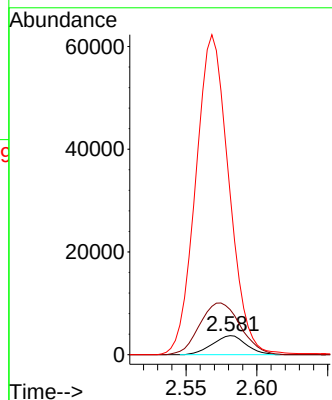
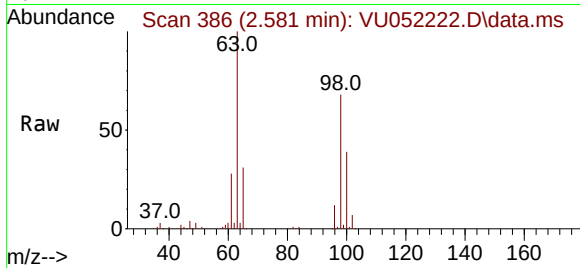




#12
1,1-Dichloroethene
Concen: 0.399 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052222.D
Acq: 08 Dec 2022 02:03

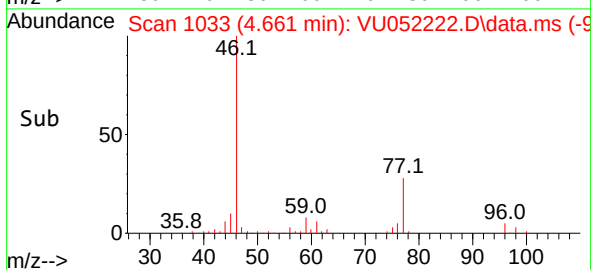
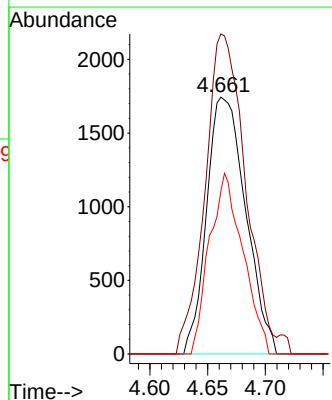
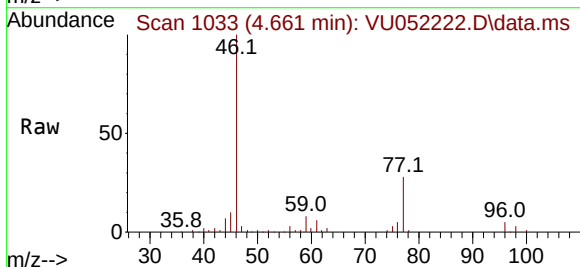
Instrument :
MSVOA_U
ClientSampleId :
C0EG0

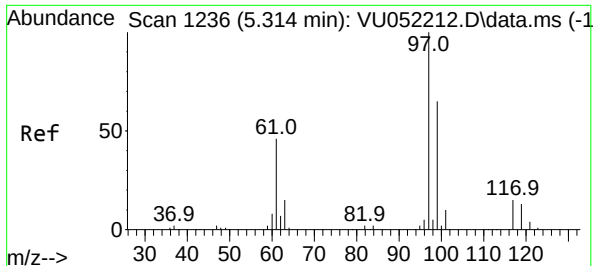
Tgt Ion: 96 Resp: 6127
Ion Ratio Lower Upper
96 100
61 236.4 114.8 213.2#
63 842.6 93.7 174.1#



#22
cis-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052222.D
Acq: 08 Dec 2022 02:03

Tgt Ion: 96 Resp: 4102
Ion Ratio Lower Upper
96 100
61 124.6 85.1 158.1
98 63.3 42.8 79.6





#29

1,1,1-Trichloroethane

Concen: 0.080 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052222.D

Acq: 08 Dec 2022 02:03

Instrument :

MSVOA_U

ClientSampleId :

C0EG0

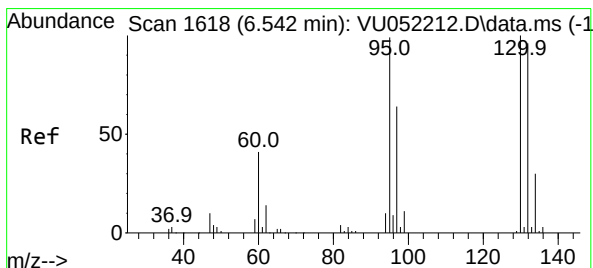
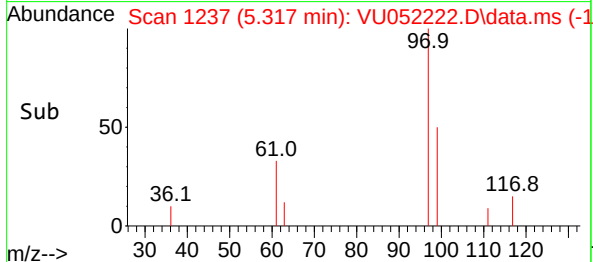
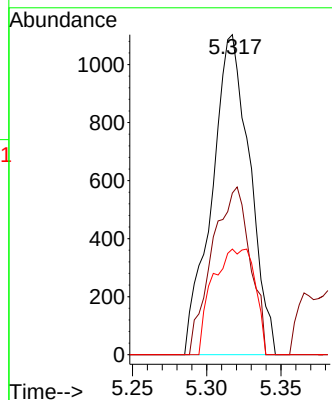
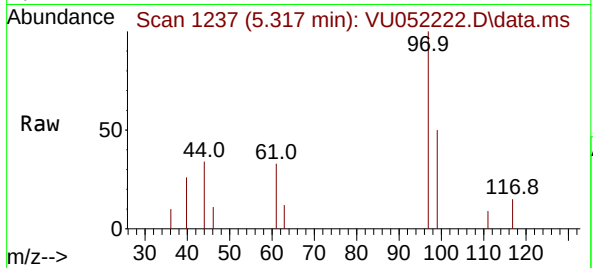
Tgt Ion: 97 Resp: 1962

Ion Ratio Lower Upper

97 100

99 52.6 51.0 76.6

61 36.5 36.9 55.3#



#34

Trichloroethene

Concen: 0.334 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU052222.D

Acq: 08 Dec 2022 02:03

Tgt Ion: 95 Resp: 6010

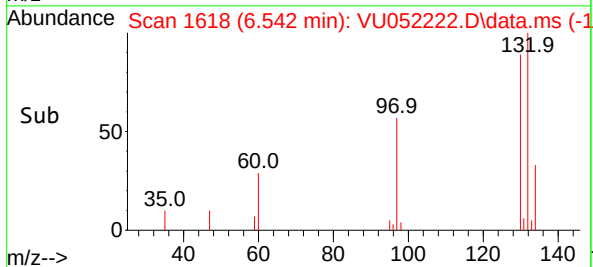
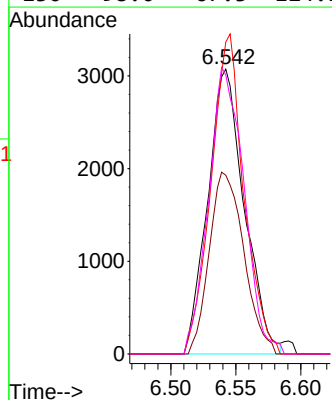
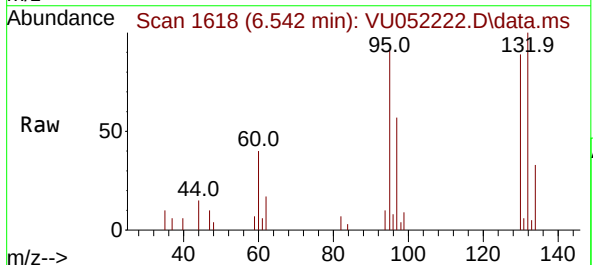
Ion Ratio Lower Upper

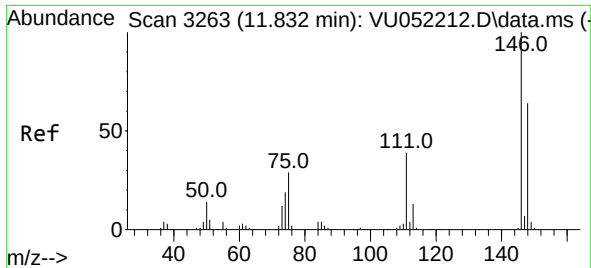
95 100

97 62.7 43.7 81.1

132 109.5 64.3 119.3

130 98.0 67.3 124.9

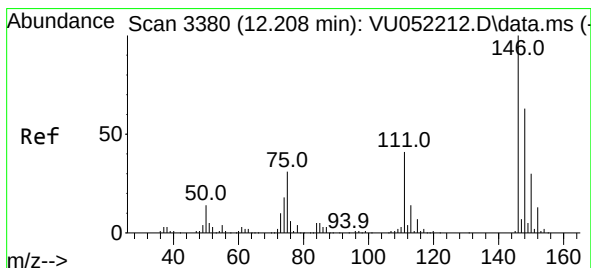
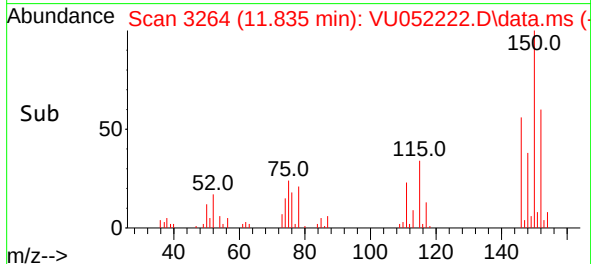
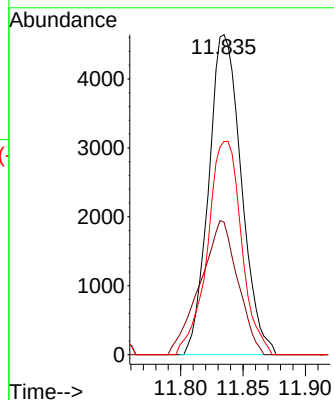
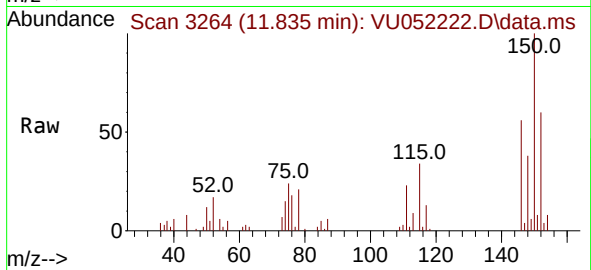




#65
1,4-Dichlorobenzene
Concen: 0.294 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052222.D
Acq: 08 Dec 2022 02:03

Instrument :
MSVOA_U
ClientSampleId :
C0EG0

Tgt Ion:146 Resp: 8465
Ion Ratio Lower Upper
146 100
111 41.4 26.9 50.1
148 66.6 45.1 83.7



#67
1,2-Dichlorobenzene
Concen: 1.167 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU052222.D
Acq: 08 Dec 2022 02:03

Tgt Ion:146 Resp: 32480
Ion Ratio Lower Upper
146 100
111 37.2 32.7 49.1
148 60.5 50.6 75.8

