

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061919\
 Data File : VU032868.D
 Acq On : 19 Jun 2019 19:17
 Operator : JC/SP
 Sample : K3413-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF0

Quant Time: Jun 20 08:21:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 07:24:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	106183	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	103710	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55027	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30778	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	26719	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	51619	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.19	46	115598	60.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.00%
24) Chloroform-d	4.64	84	67835	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.31	65	39719	6.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.00%
32) Benzene-d6	5.33	84	132025	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.32	67	43202	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.56	98	121888	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.85	79	17620	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.31	63	87745	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	36919	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	52000	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

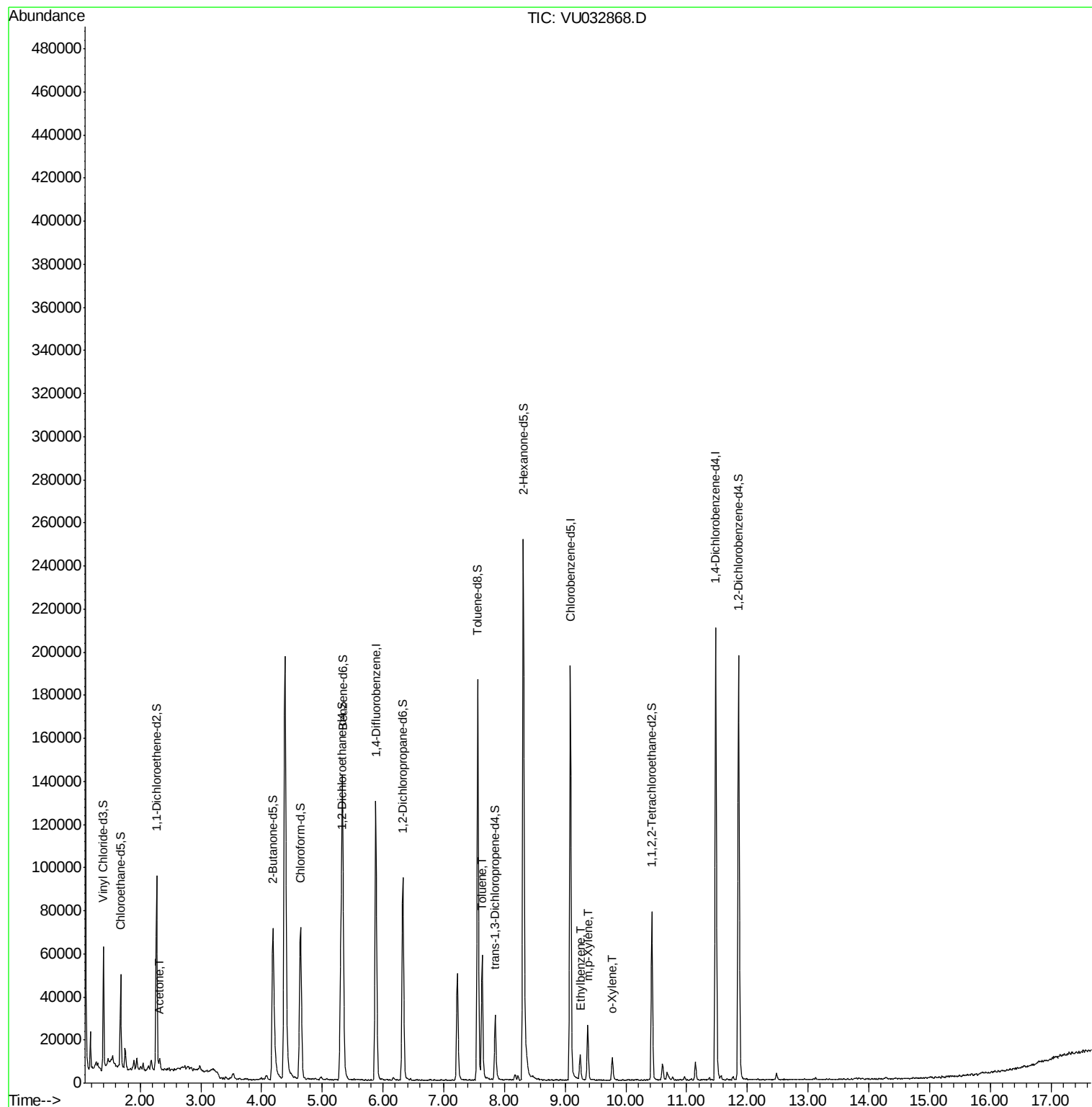
					Ovalue
13) Acetone	2.32	43	4940	3.303 ug/L	88
42) Toluene	7.63	91	41641	1.222 ug/L	100
52) Ethylbenzene	9.25	91	8403	0.224 ug/L	100
53) m,p-Xylene	9.37	106	7343	0.516 ug/L	93
54) o-Xylene	9.77	106	2956	0.208 ug/L	90

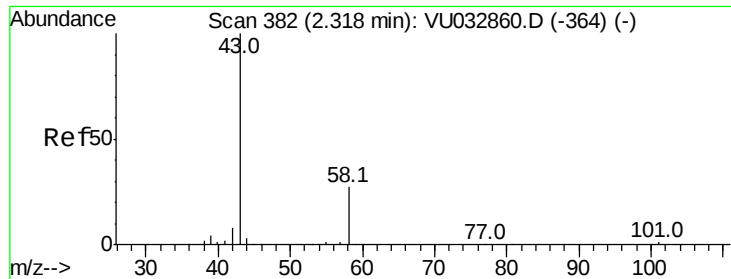
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.303 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 19 Jun 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

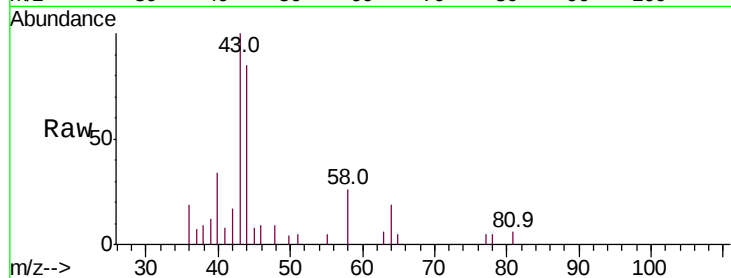
GALF0

Tot Ion: 43 Resp: 4940

Ion Ratio Lower Upper

43 100

58 24.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032868.D (-364) (-)

Ion 58.05 (57.75 to 58.75): VU032868.D (-364) (-)

2.32

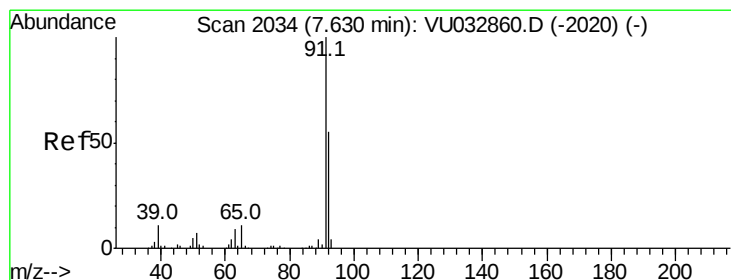
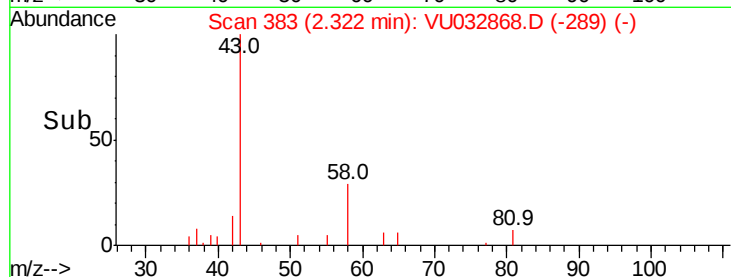
3000

2000

1000

0

Time-->



#42

Toluene

Concen: 1.222 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU032868.D

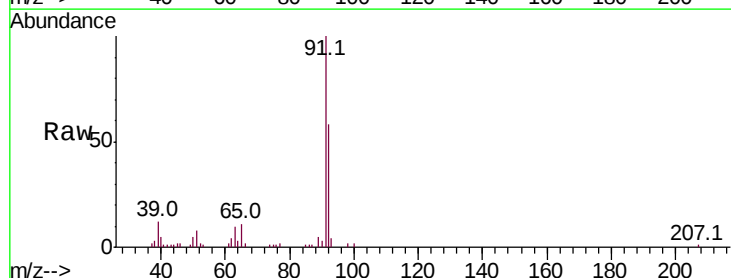
Acq: 19 Jun 2019 19:17

Tgt Ion: 91 Resp: 41641

Ion Ratio Lower Upper

91 100

92 58.3 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032868.D (-1941) (-)

Ion 92.15 (91.85 to 92.85): VU032868.D (-1941) (-)

7.63

25000

20000

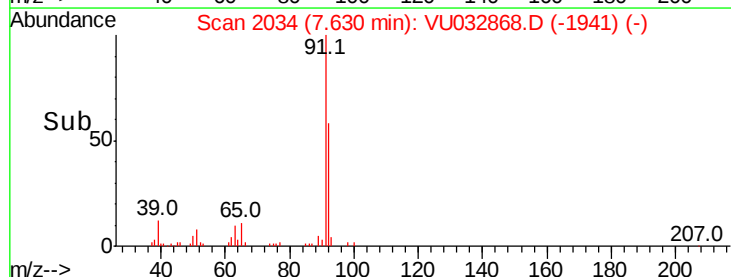
15000

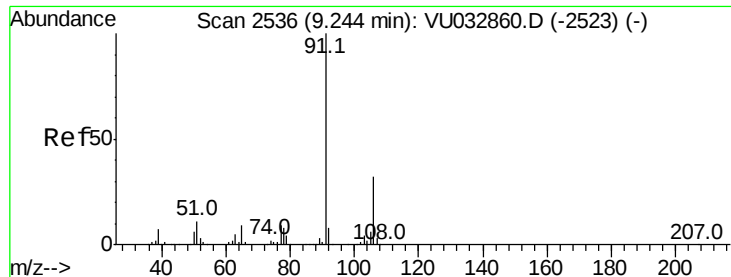
10000

5000

0

Time-->





#52

Ethylbenzene

Concen: 0.224 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032868.D

Acq: 19 Jun 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

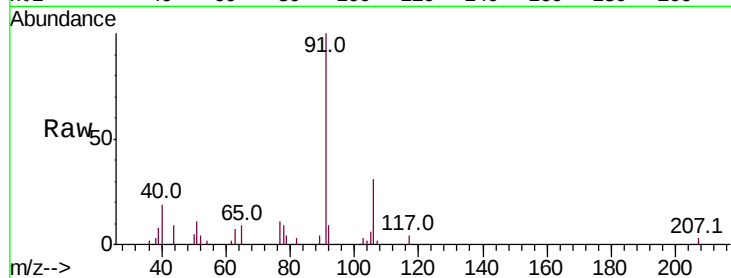
GALF0

Tot Ion: 91 Resp: 8403

Ion Ratio Lower Upper

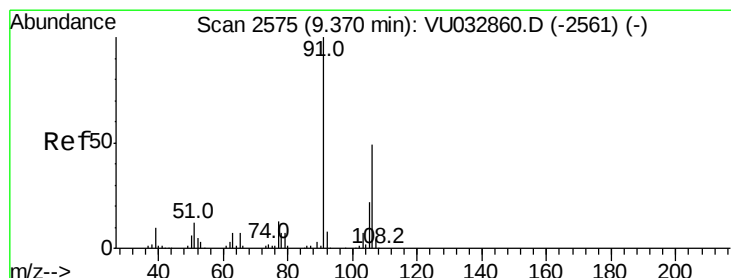
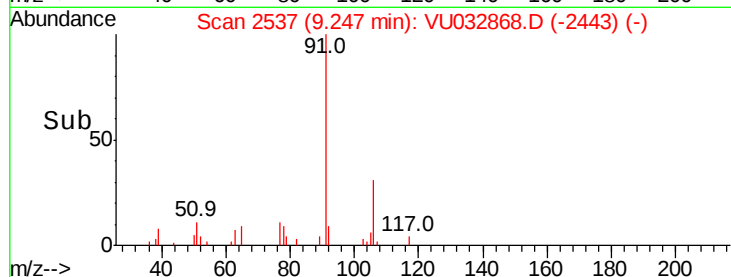
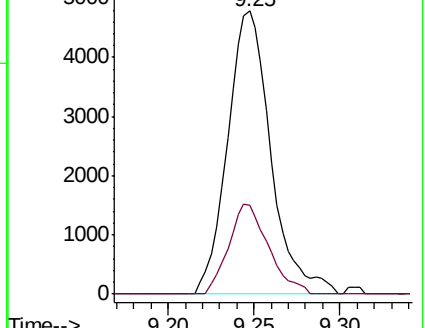
91 100

106 31.2 21.8 40.6



Abundance Ion 91.15 (90.85 to 91.85): VU032868.D (-2523) (-)

Ion 106.15 (105.85 to 106.85): VU032868.D (-2523) (-)



#53

m,p-Xylene

Concen: 0.516 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU032868.D

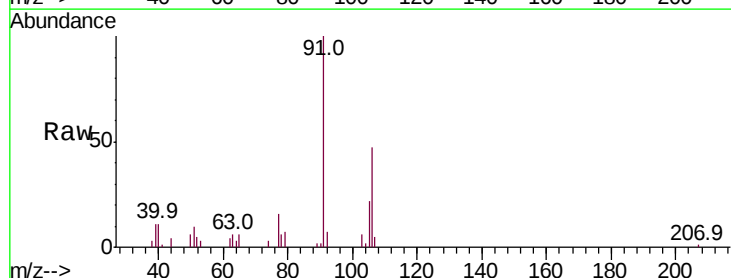
Acq: 19 Jun 2019 19:17

Tgt Ion: 106 Resp: 7343

Ion Ratio Lower Upper

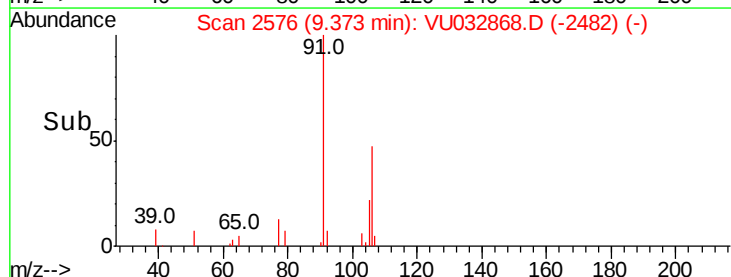
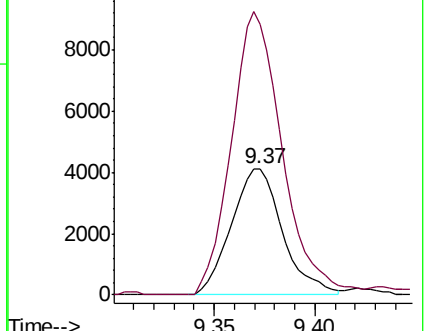
106 100

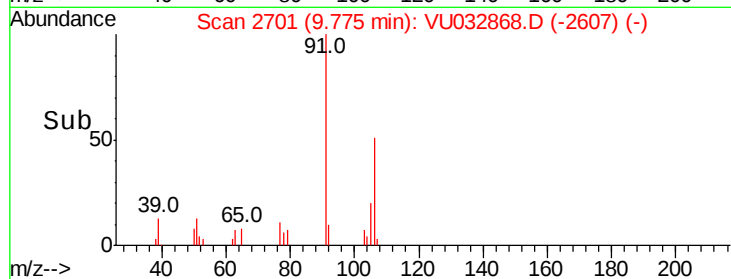
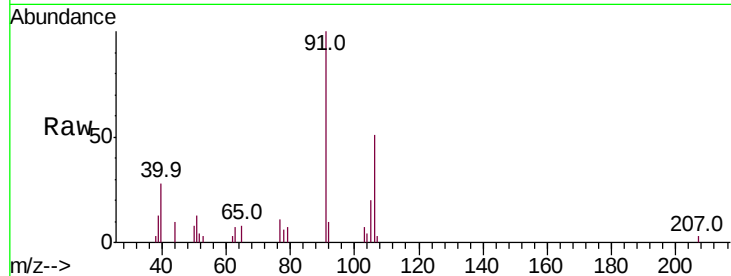
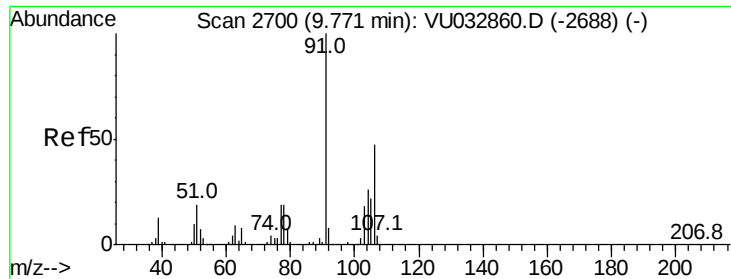
91 214.5 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): VU032868.D (-2561) (-)

Ion 91.15 (90.85 to 91.85): VU032868.D (-2561) (-)





#54
 o-Xylene
 Concen: 0.208 ug/L
 RT: 9.77 min Scan# 2701
 Delta R.T. 0.00 min
 Lab File: VU032868.D
 Acq: 19 Jun 2019 19:17

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF0

Tot Ion:106 Resp: 2956
 Ion Ratio Lower Upper
 106 100
 91 196.5 148.8 276.4

