

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071524\
 Data File : VU059943.D
 Acq On : 15 Jul 2024 12:02
 Operator : MD/SY
 Sample : P3230-01ME 40X
 Misc : 4.97g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHB32ME

Quant Time: Jul 16 05:47:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:46:09 2024
 Response via : Initial Calibration

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

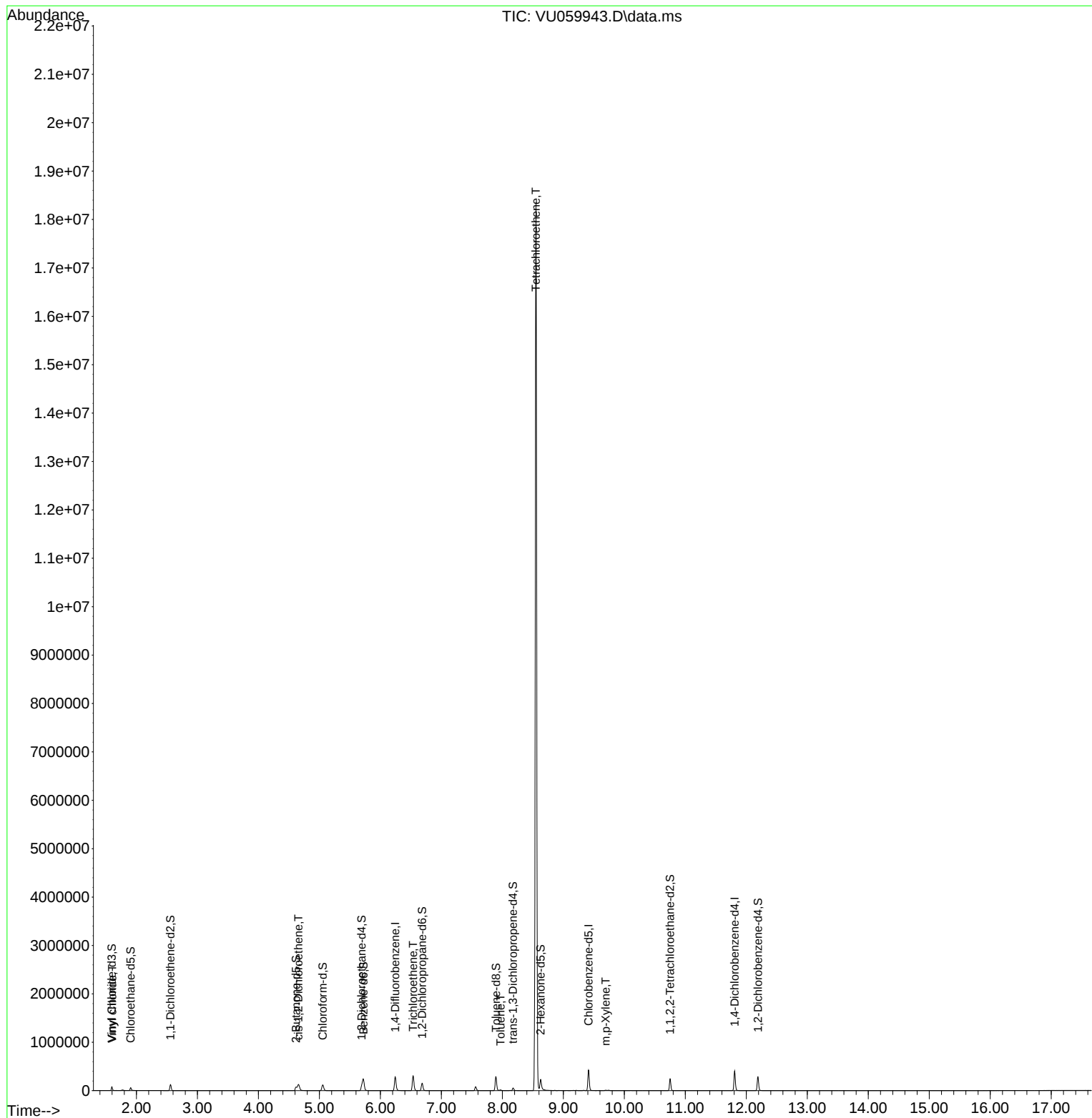
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	240696	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	251104	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	115492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56694	36.685	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.360%		
7) Chloroethane-d5	1.904	69	50656	38.969	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.940%		
11) 1,1-Dichloroethene-d2	2.557	63	73002	26.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.180%#		
21) 2-Butanone-d5	4.615	46	102803	95.719	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.720%		
24) Chloroform-d	5.055	84	115899	38.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.460%		
26) 1,2-Dichloroethane-d4	5.692	65	72848	40.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.880%		
32) Benzene-d6	5.721	84	236883	36.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.680%		
36) 1,2-Dichloropropane-d6	6.685	67	79223	39.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	79.620%		
41) Toluene-d8	7.894	98	202676	33.145	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	66.300%#		
43) trans-1,3-Dichloroprop...	8.174	79	32604	35.012	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.020%		
47) 2-Hexanone-d5	8.627	63	77456	92.352	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.350%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	124994	40.921	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.840%		
66) 1,2-Dichlorobenzene-d4	12.190	152	83756	39.465	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.940%#		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3866	2.245	ug/L	91
20) cis-1,2-Dichloroethene	4.657	96	68019	38.231	ug/L	97
34) Trichloroethene	6.534	95	109310	60.409	ug/L	98
42) Toluene	7.968	91	12443	1.681	ug/L	94
46) Tetrachloroethene	8.550	164	4143484	2783.488	ug/L	98
53) m,p-Xylene	9.692	106	2868	0.932	ug/L	72

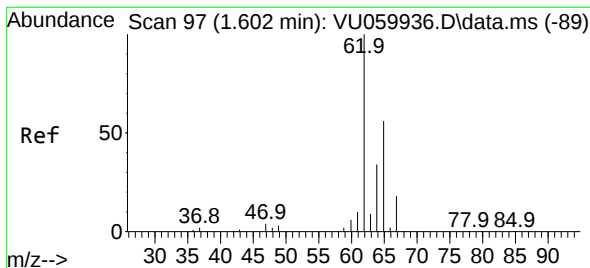
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.245 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU059943.D

Acq: 15 Jul 2024 12:02

Instrument :

MSVOA_U

ClientSampleId :

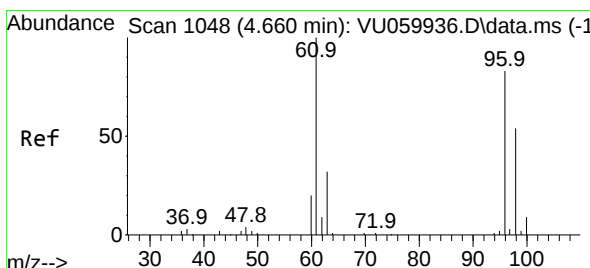
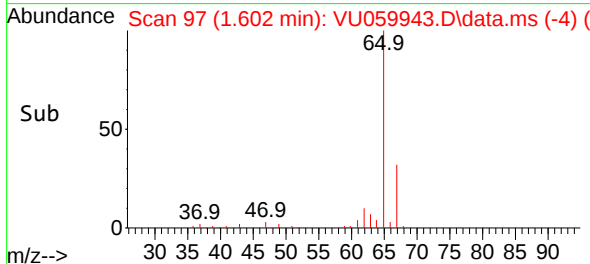
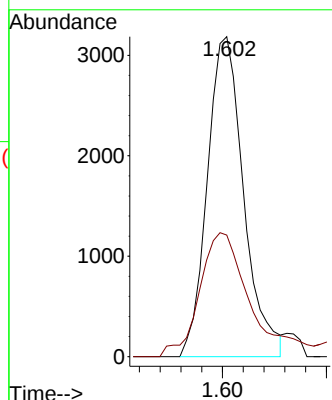
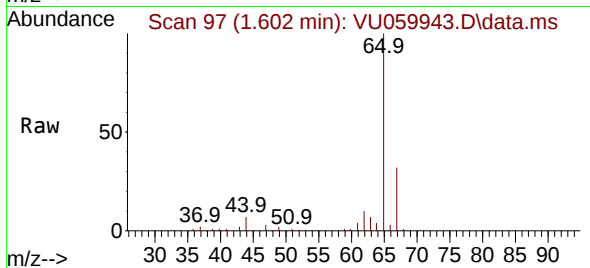
BHB32ME

Tgt Ion: 62 Resp: 3866

Ion Ratio Lower Upper

62 100

64 38.0 22.9 42.5



#20

cis-1,2-Dichloroethene

Concen: 38.231 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU059943.D

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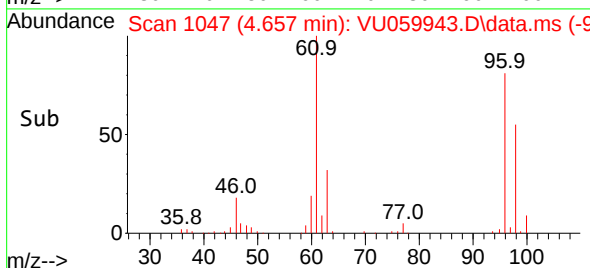
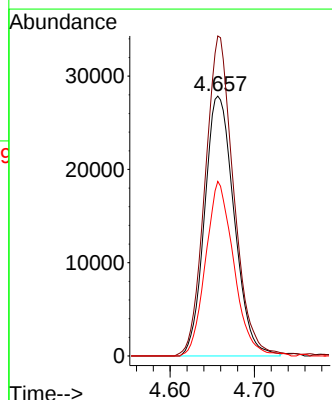
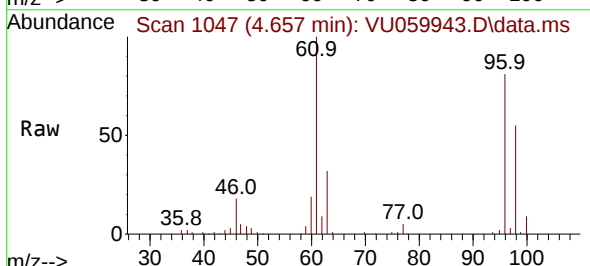
Tgt Ion: 96 Resp: 68019

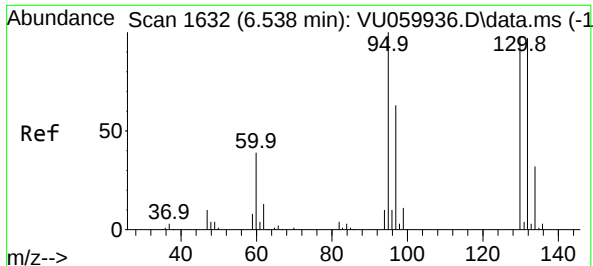
Ion Ratio Lower Upper

96 100

61 123.2 83.2 154.4

98 67.2 45.9 85.3

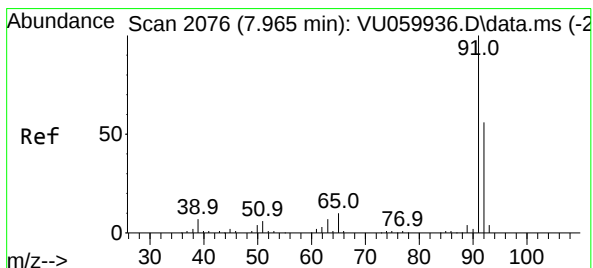
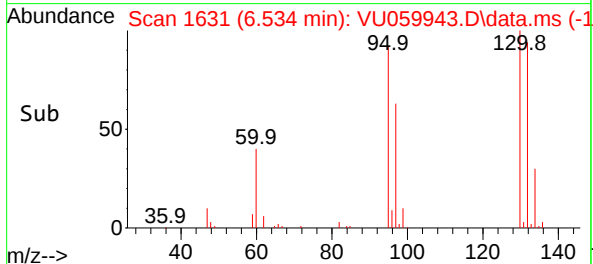
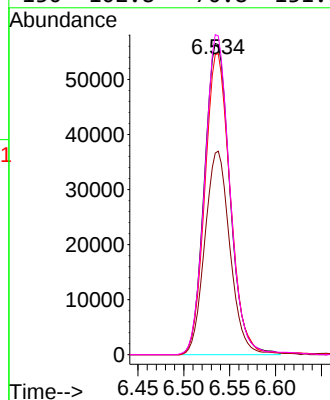
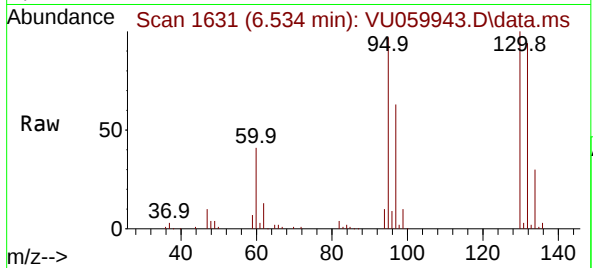




#34
Trichloroethene
Concen: 60.409 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059943.D
Acq: 15 Jul 2024 12:02

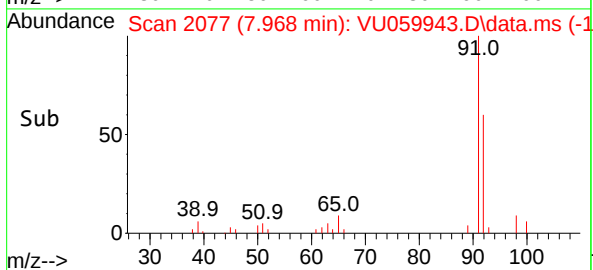
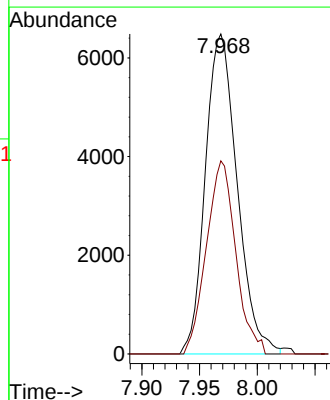
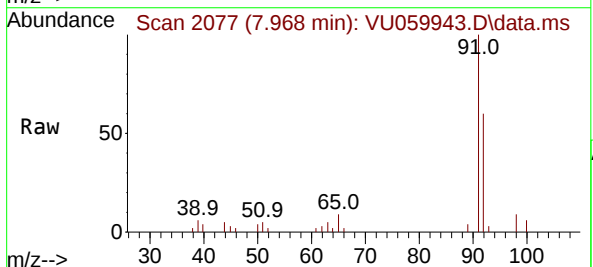
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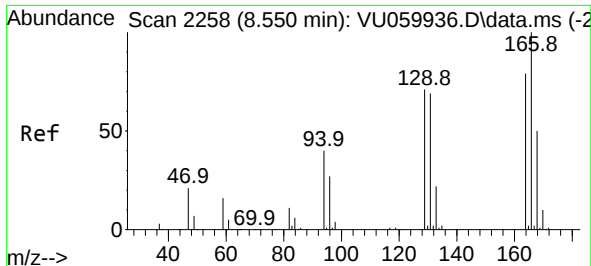
Tgt Ion: 95 Resp: 109310
Ion Ratio Lower Upper
95 100
97 64.8 45.8 85.2
132 96.4 69.8 129.6
130 102.8 70.8 131.6



#42
Toluene
Concen: 1.681 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU059943.D
Acq: 15 Jul 2024 12:02

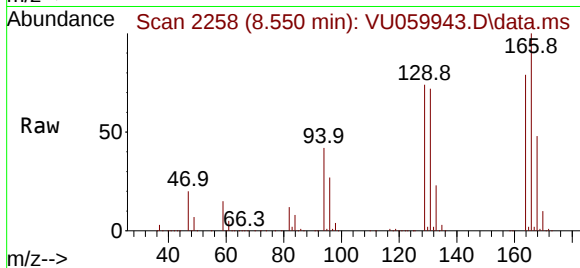
Tgt Ion: 91 Resp: 12443
Ion Ratio Lower Upper
91 100
92 60.3 39.3 72.9



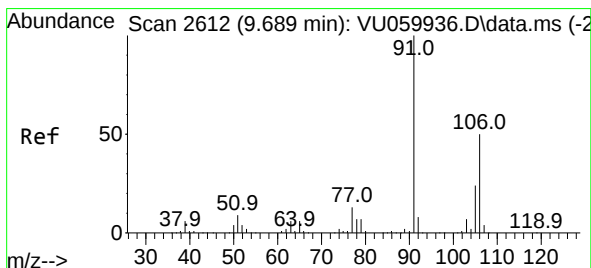
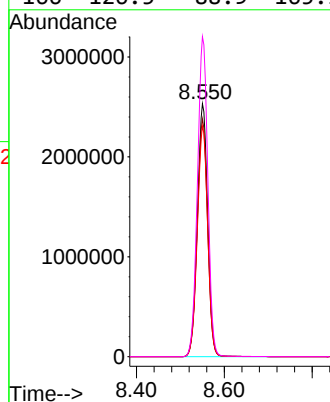
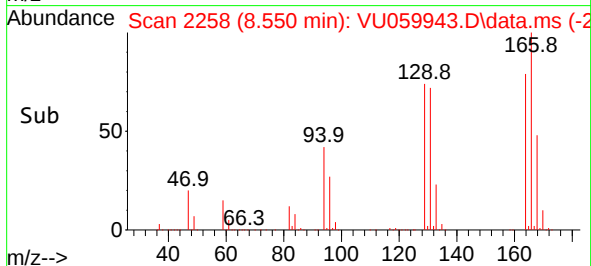


#46
Tetrachloroethene
Concen: 2783.488 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059943.D
Acq: 15 Jul 2024 12:02

Instrument :
MSVOA_U
ClientSampleId :
BHB32ME



Tgt Ion:164 Resp: 4143484
Ion Ratio Lower Upper
164 100
129 94.0 62.7 116.5
131 91.2 62.3 115.7
166 126.5 88.9 165.1



#53
m,p-Xylene
Concen: 0.932 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059943.D
Acq: 15 Jul 2024 12:02

Tgt Ion:106 Resp: 2868
Ion Ratio Lower Upper
106 100
91 159.4 140.9 261.7

