

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090622\  
 Data File : VV027753.D  
 Acq On : 06 Sep 2022 20:04  
 Operator : SY/MD  
 Sample : N4404-16DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVD2DL

Quant Time: Sep 07 06:29:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 07 06:13:02 2022  
 Response via : Initial Calibration

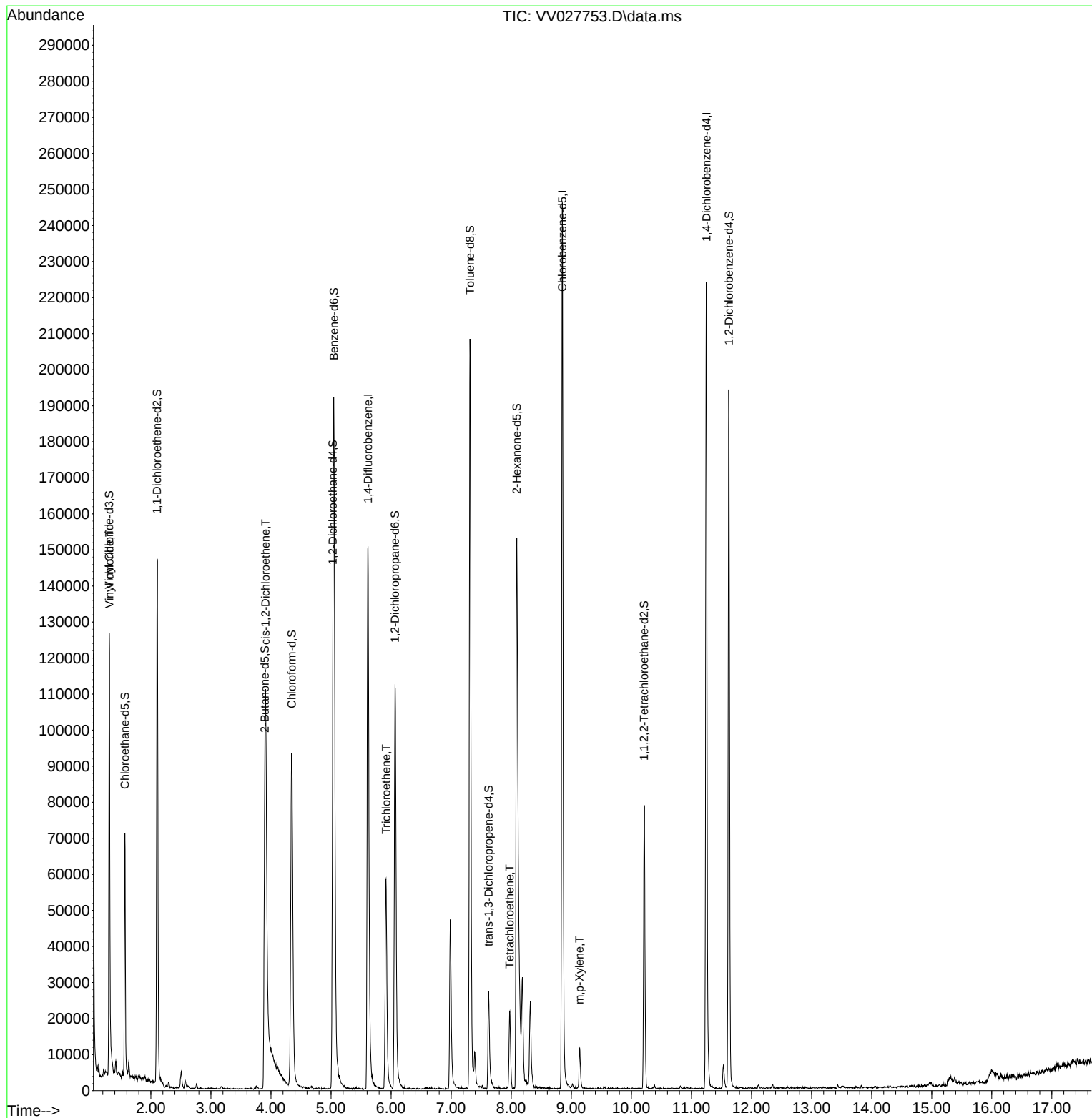
| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|----------|----------|
| -----                         |        |        |          |          |        |          |          |
| Internal Standards            |        |        |          |          |        |          |          |
| 1) 1,4-Difluorobenzene        |        | 5.616  | 114      | 138674   | 5.000  | ug/L     | 0.02     |
| 28) Chlorobenzene-d5          |        | 8.850  | 117      | 138134   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.249 | 152      | 62008    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |          |          |
| 4) Vinyl Chloride-d3          |        | 1.307  | 65       | 50580    | 5.533  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 110.600% |          |
| 7) Chloroethane-d5            |        | 1.568  | 69       | 44023    | 5.677  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 113.600% |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.105  | 63       | 78161    | 4.030  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 80.600%  |          |
| 20) 2-Butanone-d5             |        | 3.896  | 46       | 59469    | 29.356 | ug/L     | -0.04    |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 58.720%  |          |
| 24) Chloroform-d              |        | 4.346  | 84       | 100716   | 5.381  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 107.600% |          |
| 26) 1,2-Dichloroethane-d4     |        | 5.031  | 65       | 47388    | 4.754  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 95.000%  |          |
| 32) Benzene-d6                |        | 5.047  | 84       | 180915   | 4.514  | ug/L     | 0.02     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 90.200%  |          |
| 36) 1,2-Dichloropropane-d6    |        | 6.066  | 67       | 51891    | 4.423  | ug/L     | 0.02     |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 88.400%  |          |
| 41) Toluene-d8                |        | 7.313  | 98       | 144581   | 4.291  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 85.800%  |          |
| 43) trans-1,3-Dichloroprop... |        | 7.622  | 79       | 17566    | 4.463  | ug/L     | -0.01    |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 89.200%  |          |
| 46) 2-Hexanone-d5             |        | 8.092  | 63       | 65932    | 45.062 | ug/L     | -0.03    |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 90.120%  |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.214 | 84       | 36369    | 4.827  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 96.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 11.622 | 152      | 52219    | 5.126  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 102.600% |          |
| Target Compounds              |        |        |          |          |        |          |          |
|                               |        |        |          |          |        | Qvalue   |          |
| 5) Vinyl chloride             |        | 1.310  | 62       | 40299    | 3.228  | ug/L     | 97       |
| 22) cis-1,2-Dichloroethene    |        | 3.908  | 96       | 49325    | 4.663  | ug/L #   | 89       |
| 34) Trichloroethene           |        | 5.915  | 95       | 21425    | 1.876  | ug/L     | 94       |
| 47) Tetrachloroethene         |        | 7.973  | 164      | 5061     | 0.552  | ug/L     | 95       |
| 53) m,p-Xylene                |        | 9.136  | 106      | 3262     | 0.181  | ug/L     | 92       |
| -----                         |        |        |          |          |        |          |          |

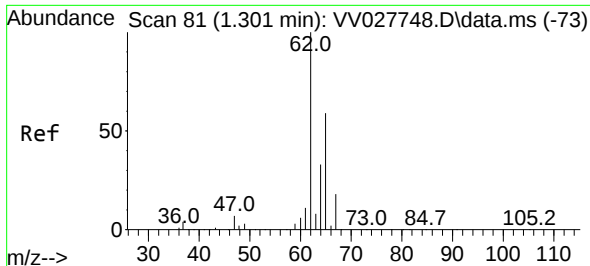
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090622\  
Data File : VV027753.D  
Acq On : 06 Sep 2022 20:04  
Operator : SY/MD  
Sample : N4404-16DL 5X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBVD2DL

Quant Time: Sep 07 06:29:36 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Sep 07 06:13:02 2022  
Response via : Initial Calibration

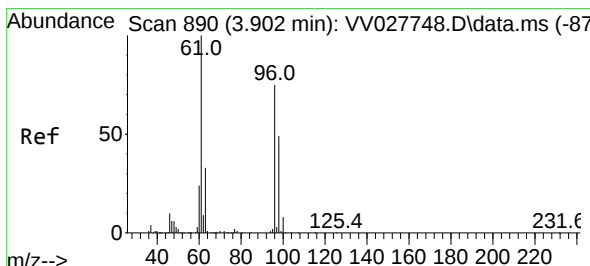
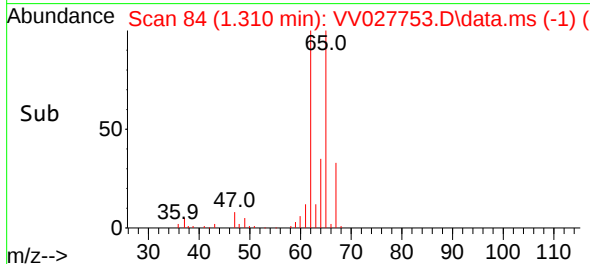
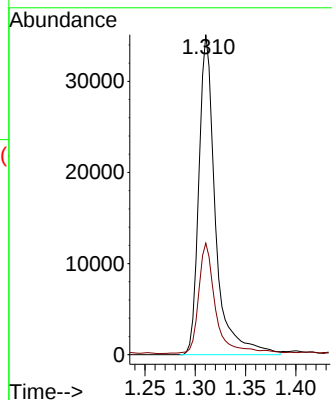
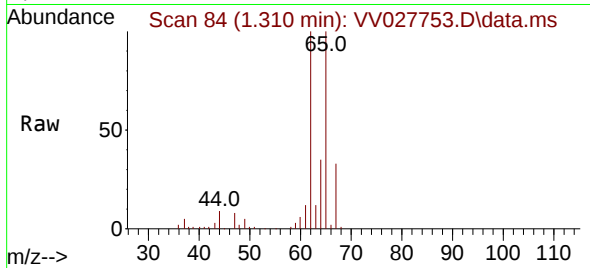




#5  
 Vinyl chloride  
 Concen: 3.228 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. 0.010 min  
 Lab File: VV027753.D  
 Acq: 06 Sep 2022 20:04

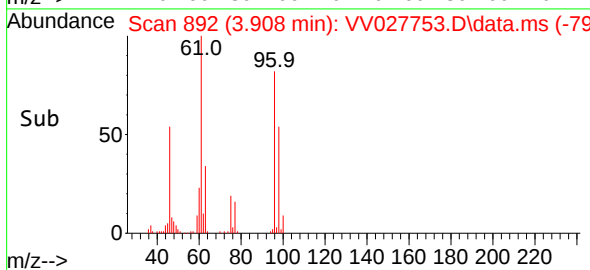
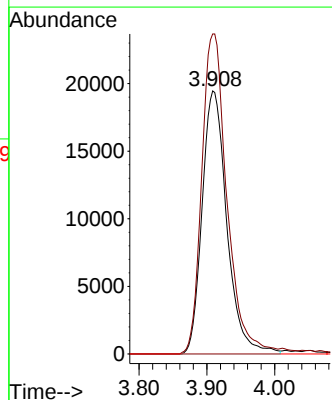
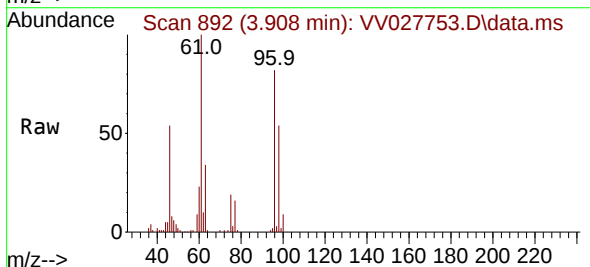
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVD2DL

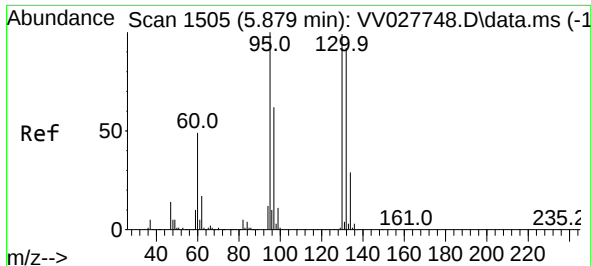
Tgt Ion: 62 Resp: 40299  
 Ion Ratio Lower Upper  
 62 100  
 64 34.9 23.2 43.2



#22  
 cis-1,2-Dichloroethene  
 Concen: 4.663 ug/L  
 RT: 3.908 min Scan# 892  
 Delta R.T. 0.007 min  
 Lab File: VV027753.D  
 Acq: 06 Sep 2022 20:04

Tgt Ion: 96 Resp: 49325  
 Ion Ratio Lower Upper  
 96 100  
 61 121.7 94.6 175.6  
 68 0.0 0.3 0.5





#34

Trichloroethene

Concen: 1.876 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.035 min

Lab File: VV027753.D

Acq: 06 Sep 2022 20:04

Instrument :

MSVOA\_V

ClientSampleId :

DBVD2DL

Tgt Ion: 95 Resp: 21425

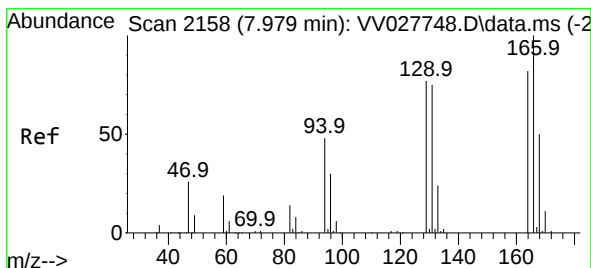
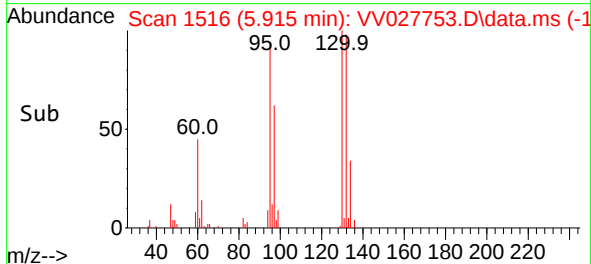
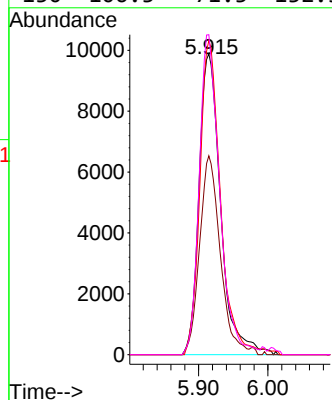
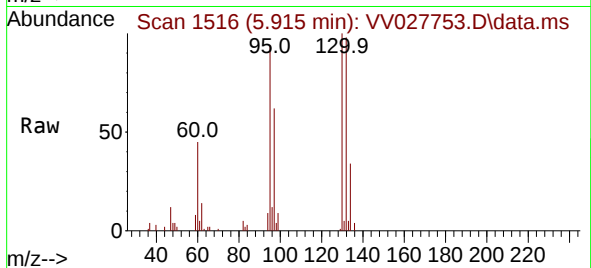
Ion Ratio Lower Upper

95 100

97 66.1 42.9 79.7

132 104.4 67.9 126.1

130 106.3 71.3 132.3



#47

Tetrachloroethene

Concen: 0.552 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027753.D

Acq: 06 Sep 2022 20:04

Tgt Ion: 164 Resp: 5061

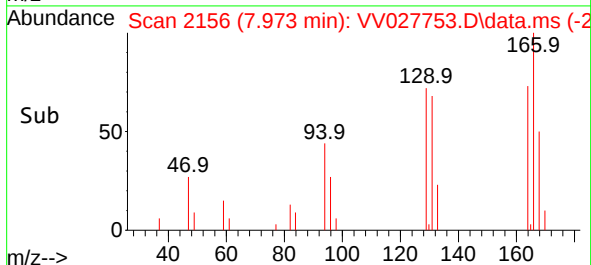
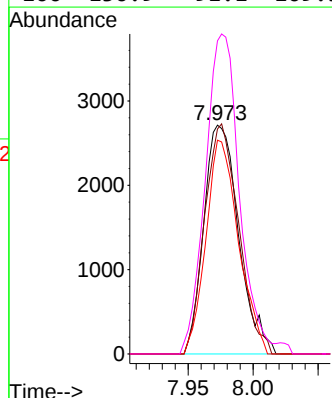
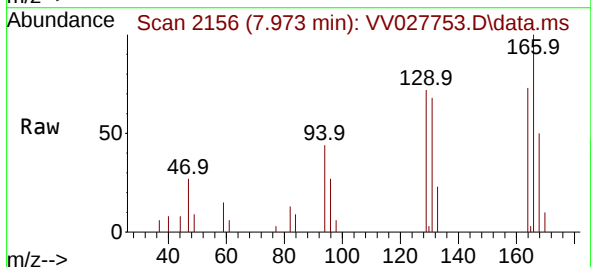
Ion Ratio Lower Upper

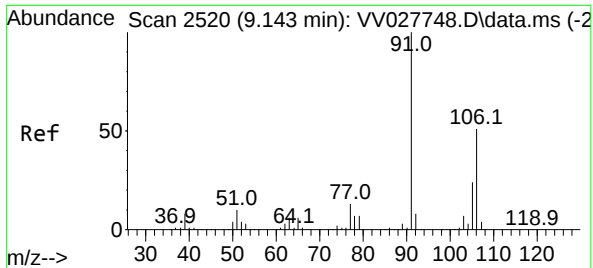
164 100

129 98.3 67.2 124.8

131 93.4 61.5 114.3

166 136.9 91.1 169.3





#53  
 m,p-Xylene  
 Concen: 0.181 ug/L  
 RT: 9.136 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VV027753.D  
 Acq: 06 Sep 2022 20:04

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVD2DL

Tgt Ion:106 Resp: 3262  
 Ion Ratio Lower Upper  
 106 100  
 91 191.5 142.4 264.4

