LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009784.D
Acq On : 06 Apr 2019 22:03
Operator : SY/VA
Sample : K2217-02
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF613

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.361 | 69 | 75 | 86 | rVB | 72535 | 173911 | 10.59% | 1.481% |
| 2 | 2.892 | 156 | 162 | 179 | rVB | 70602 | 200116 | 12.18% | 1.705% |
| 3 | 3.812 | 311 | 313 | 315 | rBV3 | 1660 | 1694 | 0.10% | 0.014% |
| 4 | 4.013 | 334 | 346 | 378 | rBV2 | 162243 | 580299 | 35.33% | 4.943% |
| 5 | 4.318 | 394 | 396 | 400 | rBV3 | 952 | 1255 | 0.08% | 0.011% |
| 6 | 4.349 | 400 | 401 | 403 | rVV2 | 962 | 902 | 0.05% | 0.008% |
| 7 | 4.397 | 403 | 409 | 418 | rVB4 | 3452 | 10273 | 0.63% | 0.088% |
| 8 | 4.599 | 439 | 442 | 444 | rBV3 | 890 | 1226 | 0.07% | 0.010% |
| 9 | 4.660 | 450 | 452 | 454 | rBV3 | 586 | 370 | 0.02% | 0.003% |
| 10 | 4.678 | 454 | 455 | 460 | rVB3 | 1106 | 1085 | 0.07% | 0.009% |
| 11 | 4.812 | 476 | 477 | 482 | rVB3 | 1158 | 1342 | 0.08% | 0.011% |
| 12 | 4.909 | 482 | 493 | 494 | rBV4 | 8277 | 18882 | 1.15% | 0.161% |
| 13 | 5.080 | 520 | 521 | 523 | rBV3 | 939 | 833 | 0.05% | 0.007% |
| 14 | 5.123 | 526 | 528 | 531 | rVB3 | 956 | 1133 | 0.07% | 0.010% |
| 15 | 5.159 | 531 | 534 | 536 | rBV3 | 845 | 1107 | 0.07% | 0.009% |
| 16 | 5.324 | 559 | 561 | 562 | rBV | 1008 | 833 | 0.05% | 0.007% |
| 17 | 5.391 | 571 | 572 | 574 | rBV | 561 | 472 | 0.03% | 0.004% |
| 18 | 5.495 | 586 | 589 | 592 | rVB3 | 702 | 762 | 0.05% | 0.006% |
| 19 | 5.525 | 592 | 594 | 596 | rBV2 | 486 | 473 | 0.03% | 0.004% |
| 20 | 5.720 | 622 | 626 | 629 | rBV4 | 597 | 987 | 0.06% | 0.008% |
| 21 | 5.806 | 638 | 640 | 642 | rBV3 | 483 | 391 | 0.02% | 0.003% |
| 22 | 5.830 | 642 | 644 | 646 | rVB3 | 859 | 657 | 0.04% | 0.006% |
| 23 | 5.867 | 646 | 650 | 652 | rBV3 | 1157 | 1703 | 0.10% | 0.015% |
| 24 | 5.922 | 652 | 659 | 672 | rVB10 | 4627 | 15600 | 0.95% | 0.133% |
| 25 | 6.062 | 680 | 682 | 684 | rBV2 | 393 | 398 | 0.02% | 0.003% |
| 26 | 6.110 | 689 | 690 | 692 | rBV2 | 483 | 423 | 0.03% | 0.004% |
| 27 | 6.159 | 696 | 698 | 699 | rVB2 | 821 | 564 | 0.03% | 0.005% |
| 28 | 6.251 | 712 | 713 | 714 | rBV | 820 | 441 | 0.03% | 0.004% |
| 29 | 6.324 | 723 | 725 | 726 | rBV3 | 507 | 496 | 0.03% | 0.004% |
| 30 | 6.391 | 734 | 736 | 739 | rVB3 | 671 | 476 | 0.03% | 0.004% |
| 31 | 6.415 | 739 | 740 | 743 | rBV2 | 670 | 588 | 0.04% | 0.005% |
| 32 | 6.488 | 750 | 752 | 753 | rBV | 781 | 627 | 0.04% | 0.005% |
| 33 | 6.507 | 753 | 755 | 758 | rVB4 | 1119 | 1243 | 0.08% | 0.011% |
| 34 | 6.543 | 758 | 761 | 763 | rBV2 | 536 | 538 | 0.03% | 0.005% |

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Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF613

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.574 | 765 | 766 | 767 | rBV | 768 | 515 | 0.03% | 0.004% |
| 36 | 6.647 | 775 | 778 | 781 | rBV4 | 962 | 1074 | 0.07% | 0.009% |
| 37 | 6.848 | 808 | 811 | 812 | rVB | 703 | 474 | 0.03% | 0.004% |
| 38 | 6.873 | 814 | 815 | 818 | rBV2 | 758 | 883 | 0.05% | 0.008% |
| 39 | 6.958 | 827 | 829 | 830 | rBV2 | 835 | 649 | 0.04% | 0.006% |
| 40 | 7.001 | 834 | 836 | 837 | rVV2 | 676 | 663 | 0.04% | 0.006% |
| 41 | 7.080 | 840 | 849 | 869 | rVV2 | 63275 | 193247 | 11.77% | 1.646% |
| 42 | 7.500 | 915 | 918 | 921 | rBV4 | 988 | 1651 | 0.10% | 0.014% |
| 43 | 7.641 | 931 | 941 | 955 | rBV | 296857 | 735607 | 44.79% | 6.266% |
| 44 | 7.763 | 958 | 961 | 962 | rBV3 | 586 | 569 | 0.03% | 0.005% |
| 45 | 7.860 | 974 | 977 | 979 | rBV2 | 618 | 765 | 0.05% | 0.007% |
| 46 | 7.927 | 985 | 988 | 989 | rBV2 | 688 | 649 | 0.04% | 0.006% |
| 47 | 7.946 | 989 | 991 | 994 | rBV3 | 1329 | 1147 | 0.07% | 0.010% |
| 48 | 8.067 | 1005 | 1011 | 1013 | rBV5 | 977 | 1650 | 0.10% | 0.014% |
| 49 | 8.275 | 1033 | 1045 | 1060 | rBV2 | 531501 | 1642487 | 100.00% | 13.991% |
| 50 | 8.506 | 1081 | 1083 | 1085 | rVB2 | 973 | 736 | 0.04% | 0.006% |
| 51 | 8.531 | 1085 | 1087 | 1088 | rBV | 1010 | 727 | 0.04% | 0.006% |
| 52 | 8.598 | 1096 | 1098 | 1099 | rBV2 | 455 | 417 | 0.03% | 0.004% |
| 53 | 8.720 | 1117 | 1118 | 1120 | rBV | 672 | 578 | 0.04% | 0.005% |
| 54 | 8.769 | 1124 | 1126 | 1127 | rBV | 869 | 590 | 0.04% | 0.005% |
| 55 | 8.842 | 1127 | 1138 | 1148 | rBV | 460276 | 915602 | 55.74% | 7.799% |
| 56 | 9.073 | 1172 | 1176 | 1182 | rVB3 | 13508 | 25866 | 1.57% | 0.220% |
| 57 | 9.268 | 1199 | 1208 | 1219 | rBV | 390068 | 793128 | 48.29% | 6.756% |
| 58 | 9.464 | 1238 | 1240 | 1241 | rVB2 | 737 | 452 | 0.03% | 0.004% |
| 59 | 9.488 | 1242 | 1244 | 1248 | rVB3 | 931 | 903 | 0.05% | 0.008% |
| 60 | 9.525 | 1248 | 1250 | 1253 | rVB3 | 1293 | 1003 | 0.06% | 0.009% |
| 61 | 9.549 | 1253 | 1254 | 1256 | rBV2 | 603 | 556 | 0.03% | 0.005% |
| 62 | 9.646 | 1266 | 1270 | 1271 | rBV2 | 1647 | 1389 | 0.08% | 0.012% |
| 63 | 9.713 | 1279 | 1281 | 1282 | rBV | 439 | 434 | 0.03% | 0.004% |
| 64 | 9.756 | 1283 | 1288 | 1292 | rVB6 | 1924 | 3465 | 0.21% | 0.030% |
| 65 | 9.805 | 1294 | 1296 | 1298 | rVB3 | 502 | 424 | 0.03% | 0.004% |
| 66 | 9.829 | 1298 | 1300 | 1302 | rBV2 | 927 | 661 | 0.04% | 0.006% |
| 67 | 9.890 | 1304 | 1310 | 1316 | rVB4 | 4686 | 8574 | 0.52% | 0.073% |
| 68 | 9.945 | 1316 | 1319 | 1321 | rBV3 | 1525 | 1221 | 0.07% | 0.010% |
| 69 | 9.982 | 1324 | 1325 | 1326 | rBV | 712 | 496 | 0.03% | 0.004% |
| 70 | 10.031 | 1326 | 1333 | 1341 | rBV | 191957 | 347743 | 21.17% | 2.962% |
| 71 | 10.159 | 1352 | 1354 | 1357 | rVB3 | 738 | 558 | 0.03% | 0.005% |

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Sample : K2217-02
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF613

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.244 | 1364 | 1368 | 1373 | rVB5 | 3247 | 5215 | 0.32% | 0.044% |
| 73 | 10.323 | 1373 | 1381 | 1389 | rBV | 741652 | 1284476 | 78.20% | 10.941% |
| 74 | 10.573 | 1415 | 1422 | 1431 | rBV | 139961 | 243505 | 14.83% | 2.074% |
| 75 | 10.665 | 1435 | 1437 | 1439 | rBV3 | 1229 | 983 | 0.06% | 0.008% |
| 76 | 10.701 | 1439 | 1443 | 1448 | rVB2 | 4320 | 7707 | 0.47% | 0.066% |
| 77 | 10.927 | 1473 | 1480 | 1492 | rBV2 | 246143 | 451890 | 27.51% | 3.849% |
| 78 | 11.628 | 1589 | 1595 | 1610 | rVB | 682095 | 1167167 | 71.06% | 9.942% |
| 79 | 11.786 | 1619 | 1621 | 1622 | rBV2 | 1418 | 1045 | 0.06% | 0.009% |
| 80 | 12.329 | 1709 | 1710 | 1715 | rBV5 | 1011 | 1369 | 0.08% | 0.012% |
| 81 | 12.396 | 1719 | 1721 | 1723 | rBV3 | 806 | 697 | 0.04% | 0.006% |
| 82 | 12.469 | 1730 | 1733 | 1735 | rBV3 | 1690 | 1933 | 0.12% | 0.016% |
| 83 | 12.548 | 1744 | 1746 | 1749 | rBV4 | 959 | 1102 | 0.07% | 0.009% |
| 84 | 12.609 | 1749 | 1756 | 1762 | rVV4 | 17254 | 34830 | 2.12% | 0.297% |
| 85 | 12.695 | 1762 | 1770 | 1778 | rBV | 354312 | 589935 | 35.92% | 5.025% |
| 86 | 13.243 | 1858 | 1860 | 1861 | rBV2 | 697 | 497 | 0.03% | 0.004% |
| 87 | 13.365 | 1878 | 1880 | 1881 | rBV2 | 960 | 623 | 0.04% | 0.005% |
| 88 | 13.475 | 1892 | 1898 | 1900 | rBV7 | 4974 | 7638 | 0.47% | 0.065% |
| 89 | 13.560 | 1906 | 1912 | 1919 | rBV | 654019 | 1016548 | 61.89% | 8.659% |
| 90 | 13.853 | 1953 | 1960 | 1967 | rBV | 695991 | 1135385 | 69.13% | 9.671% |
| 91 | 14.079 | 1993 | 1997 | 2004 | rVB2 | 13413 | 22139 | 1.35% | 0.189% |
| 92 | 14.329 | 2033 | 2038 | 2045 | rBV9 | 4505 | 9037 | 0.55% | 0.077% |
| 93 | 14.463 | 2058 | 2060 | 2061 | rBV2 | 1075 | 657 | 0.04% | 0.006% |
| 94 | 14.615 | 2083 | 2085 | 2086 | rBV2 | 1148 | 959 | 0.06% | 0.008% |
| 95 | 14.694 | 2096 | 2098 | 2099 | rBV2 | 1248 | 935 | 0.06% | 0.008% |
| 96 | 15.127 | 2167 | 2169 | 2170 | rBV2 | 1393 | 970 | 0.06% | 0.008% |
| 97 | 15.359 | 2205 | 2207 | 2209 | rBV3 | 1674 | 1856 | 0.11% | 0.016% |
| 98 | 15.444 | 2212 | 2221 | 2225 | rVV2 | 17447 | 37277 | 2.27% | 0.318% |
| 99 | 15.883 | 2291 | 2293 | 2296 | rBV4 | 2093 | 2730 | 0.17% | 0.023% |
| 100 | 16.188 | 2342 | 2343 | 2347 | rBV3 | 1212 | 1105 | 0.07% | 0.009% |

Sum of corrected areas: 11739863

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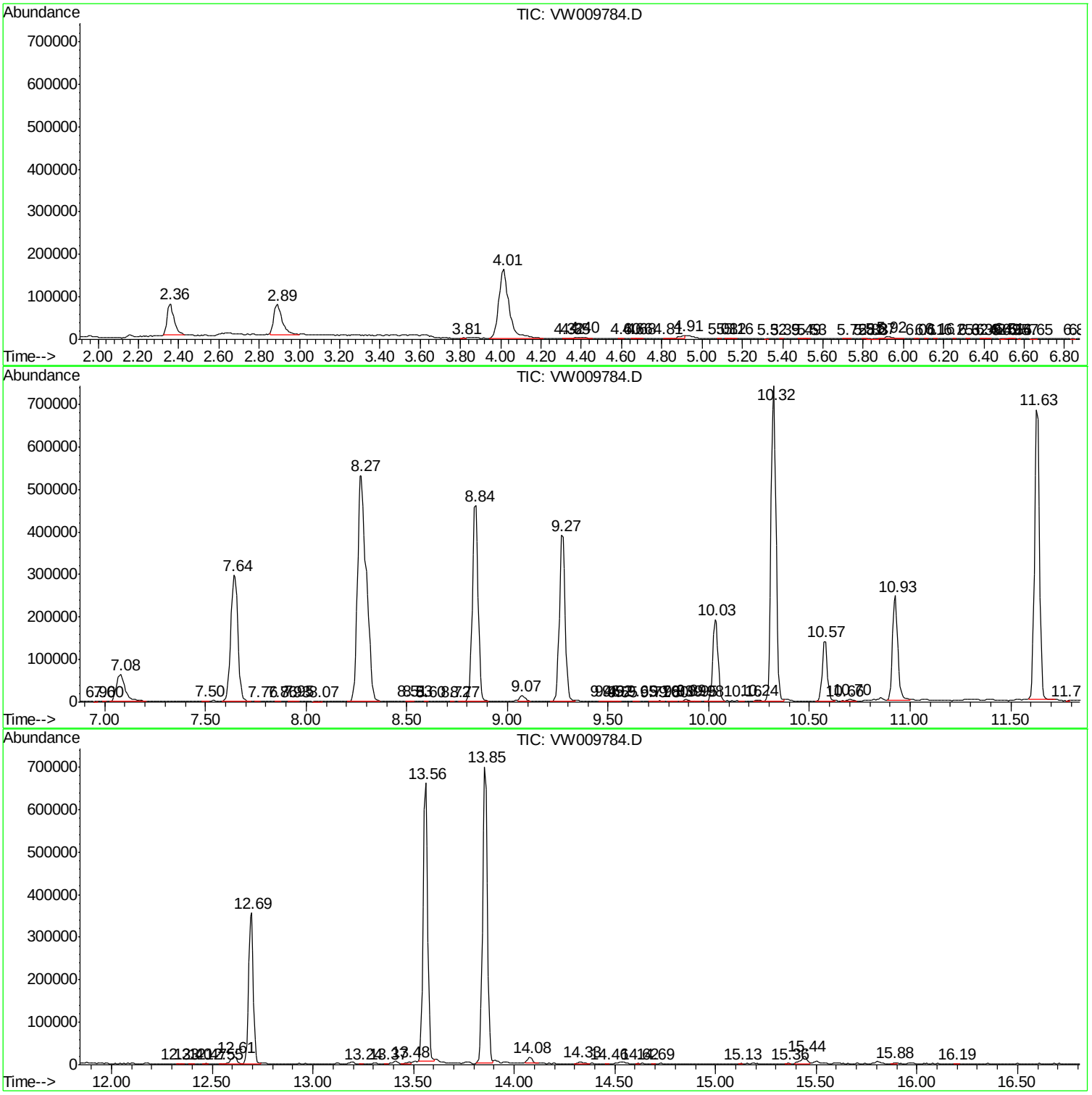
Misc : 5.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF613

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009784.D
Acq On : 06 Apr 2019 22:03
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Sample : K2217-02
Misc : 5.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
BF613

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

**********

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009784.D
Acq On : 06 Apr 2019 22:03
Operator : SY/VA
Sample : K2217-02
Misc : 5.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
BF613

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |