LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
Data File : VW017499.D
Acq On : 25 Nov 2020 13:30
Operator : SY/VA
Sample : L4861-03
Misc : 5.14G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0B25

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\SOM2WLM112420S.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 | 2.355 | 69 | 74 | 86 | rVB | 89320 | 150607 | 13.19% | 1.811% |
| 2 | 2.891 | 156 | 162 | 171 | rVB | 63153 | 135387 | 11.86% | 1.628% |
| 3 | 3.513 | 262 | 264 | 265 | rBV | 587 | 508 | 0.04% | 0.006% |
| 4 | 3.580 | 273 | 275 | 276 | rBV | 610 | 338 | 0.03% | 0.004% |
| 5 | 3.727 | 298 | 299 | 301 | rBV2 | 405 | 339 | 0.03% | 0.004% |
| 6 | 3.910 | 327 | 329 | 330 | rBV2 | 397 | 293 | 0.03% | 0.004% |
| 7 | 4.019 | 336 | 347 | 360 | rBV | 151471 | 441869 | 38.70% | 5.315% |
| 8 | 4.336 | 397 | 399 | 400 | rBV2 | 423 | 310 | 0.03% | 0.004% |
| 9 | 4.397 | 400 | 409 | 410 | rBV2 | 2719 | 5128 | 0.45% | 0.062% |
| 10 | 4.611 | 443 | 444 | 447 | rBV2 | 378 | 293 | 0.03% | 0.004% |
| 11 | 4.745 | 464 | 466 | 470 | rVB | 677 | 807 | 0.07% | 0.010% |
| 12 | 4.922 | 483 | 495 | 507 | rBV3 | 31380 | 107613 | 9.42% | 1.294% |
| 13 | 5.025 | 510 | 512 | 514 | rBV2 | 525 | 449 | 0.04% | 0.005% |
| 14 | 5.233 | 544 | 546 | 548 | rVB | 358 | 255 | 0.02% | 0.003% |
| 15 | 5.257 | 548 | 550 | 553 | rVB4 | 572 | 736 | 0.06% | 0.009% |
| 16 | 5.300 | 553 | 557 | 559 | rBV | 508 | 777 | 0.07% | 0.009% |
| 17 | 5.397 | 570 | 573 | 574 | rBV2 | 355 | 275 | 0.02% | 0.003% |
| 18 | 5.415 | 574 | 576 | 579 | rVB | 348 | 291 | 0.03% | 0.003% |
| 19 | 5.452 | 579 | 582 | 583 | rBV | 440 | 407 | 0.04% | 0.005% |
| 20 | 5.611 | 604 | 608 | 611 | rBV3 | 612 | 851 | 0.07% | 0.010% |
| 21 | 5.653 | 613 | 615 | 616 | rVB2 | 550 | 317 | 0.03% | 0.004% |
| 22 | 5.678 | 618 | 619 | 621 | rBV2 | 412 | 314 | 0.03% | 0.004% |
| 23 | 5.720 | 624 | 626 | 627 | rVB2 | 441 | 318 | 0.03% | 0.004% |
| 24 | 5.739 | 627 | 629 | 633 | rBV2 | 337 | 395 | 0.03% | 0.005% |
| 25 | 5.787 | 633 | 637 | 638 | rBV2 | 498 | 641 | 0.06% | 0.008% |
| 26 | 5.946 | 653 | 663 | 675 | rVB6 | 4916 | 15719 | 1.38% | 0.189% |
| 27 | 6.129 | 689 | 693 | 694 | rBV3 | 617 | 613 | 0.05% | 0.007% |
| 28 | 6.214 | 704 | 707 | 709 | rBV3 | 630 | 615 | 0.05% | 0.007% |
| 29 | 6.385 | 734 | 735 | 738 | rBV2 | 548 | 424 | 0.04% | 0.005% |
| 30 | 6.476 | 749 | 750 | 753 | rVB2 | 599 | 310 | 0.03% | 0.004% |
| 31 | 6.501 | 753 | 754 | 756 | rBV | 408 | 316 | 0.03% | 0.004% |
| 32 | 6.629 | 773 | 775 | 777 | rVB2 | 515 | 401 | 0.04% | 0.005% |
| 33 | 6.677 | 777 | 783 | 786 | rBV2 | 533 | 1023 | 0.09% | 0.012% |
| 34 | 6.830 | 806 | 808 | 812 | rVB | 488 | 448 | 0.04% | 0.005% |

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Misc : 5.14G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0B25

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\SOM2WLM112420S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.872 | 812 | 815 | 818 | rBV2 | 366 | 434 | 0.04% | 0.005% |
| 36 | 6.970 | 829 | 831 | 832 | rBV2 | 431 | 336 | 0.03% | 0.004% |
| 37 | 7.086 | 841 | 850 | 852 | rBV | 22286 | 51546 | 4.51% | 0.620% |
| 38 | 7.427 | 905 | 906 | 909 | rVB2 | 996 | 567 | 0.05% | 0.007% |
| 39 | 7.452 | 909 | 910 | 913 | rVB2 | 592 | 350 | 0.03% | 0.004% |
| 40 | 7.482 | 913 | 915 | 916 | rBV2 | 576 | 477 | 0.04% | 0.006% |
| 41 | 7.653 | 931 | 943 | 954 | rBV | 209902 | 506918 | 44.40% | 6.097% |
| 42 | 7.750 | 957 | 959 | 963 | rBV4 | 858 | 719 | 0.06% | 0.009% |
| 43 | 7.824 | 970 | 971 | 973 | rBV | 482 | 448 | 0.04% | 0.005% |
| 44 | 7.958 | 989 | 993 | 997 | rVB5 | 1242 | 2348 | 0.21% | 0.028% |
| 45 | 8.073 | 1008 | 1012 | 1016 | rVB3 | 652 | 1297 | 0.11% | 0.016% |
| 46 | 8.104 | 1016 | 1017 | 1018 | rBV | 445 | 262 | 0.02% | 0.003% |
| 47 | 8.153 | 1024 | 1025 | 1029 | rBV3 | 448 | 461 | 0.04% | 0.006% |
| 48 | 8.281 | 1035 | 1046 | 1063 | rBV2 | 395346 | 1141820 | 100.00% | 13.733% |
| 49 | 8.494 | 1079 | 1081 | 1084 | rBV3 | 590 | 477 | 0.04% | 0.006% |
| 50 | 8.604 | 1098 | 1099 | 1101 | rBV2 | 519 | 513 | 0.04% | 0.006% |
| 51 | 8.677 | 1108 | 1111 | 1114 | rBV2 | 1077 | 1263 | 0.11% | 0.015% |
| 52 | 8.708 | 1114 | 1116 | 1118 | rVB3 | 842 | 487 | 0.04% | 0.006% |
| 53 | 8.756 | 1122 | 1124 | 1127 | rVB3 | 507 | 497 | 0.04% | 0.006% |
| 54 | 8.842 | 1130 | 1138 | 1152 | rBV | 439043 | 879904 | 77.06% | 10.583% |
| 55 | 9.079 | 1170 | 1177 | 1182 | rVV5 | 1842 | 4515 | 0.40% | 0.054% |
| 56 | 9.122 | 1182 | 1184 | 1186 | rVV2 | 728 | 566 | 0.05% | 0.007% |
| 57 | 9.165 | 1189 | 1191 | 1194 | rBV2 | 449 | 576 | 0.05% | 0.007% |
| 58 | 9.274 | 1199 | 1209 | 1219 | rBV | 246726 | 520574 | 45.59% | 6.261% |
| 59 | 9.500 | 1242 | 1246 | 1247 | rBV2 | 445 | 655 | 0.06% | 0.008% |
| 60 | 9.579 | 1257 | 1259 | 1261 | rVB2 | 799 | 659 | 0.06% | 0.008% |
| 61 | 9.598 | 1261 | 1262 | 1263 | rBV | 403 | 293 | 0.03% | 0.004% |
| 62 | 9.616 | 1263 | 1265 | 1266 | rVV | 644 | 479 | 0.04% | 0.006% |
| 63 | 9.665 | 1269 | 1273 | 1275 | rBV3 | 918 | 1078 | 0.09% | 0.013% |
| 64 | 10.037 | 1326 | 1334 | 1346 | rBV | 126787 | 231542 | 20.28% | 2.785% |
| 65 | 10.323 | 1373 | 1381 | 1391 | rBV | 533294 | 955378 | 83.67% | 11.491% |
| 66 | 10.579 | 1417 | 1423 | 1436 | rVB | 80001 | 144364 | 12.64% | 1.736% |
| 67 | 10.707 | 1439 | 1444 | 1448 | rBV3 | 4505 | 8203 | 0.72% | 0.099% |
| 68 | 10.927 | 1474 | 1480 | 1498 | rBV | 70548 | 149982 | 13.14% | 1.804% |
| 69 | 11.067 | 1498 | 1503 | 1508 | rVB3 | 11227 | 19763 | 1.73% | 0.238% |
| 70 | 11.634 | 1589 | 1596 | 1608 | rVB | 566732 | 955336 | 83.67% | 11.490% |
| 71 | 11.920 | 1641 | 1643 | 1645 | rBV2 | 665 | 763 | 0.07% | 0.009% |

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Sample : L4861-03
Misc : 5.14G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0B25

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\SOM2WLM112420S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.128 | 1674 | 1677 | 1678 | rBV2 | 923 | 762 | 0.07% | 0.009% |
| 73 | 12.176 | 1684 | 1685 | 1688 | rVB3 | 1367 | 1002 | 0.09% | 0.012% |
| 74 | 12.237 | 1693 | 1695 | 1696 | rBV2 | 636 | 386 | 0.03% | 0.005% |
| 75 | 12.341 | 1710 | 1712 | 1716 | rBV3 | 592 | 848 | 0.07% | 0.010% |
| 76 | 12.463 | 1730 | 1732 | 1738 | rBV3 | 950 | 1704 | 0.15% | 0.020% |
| 77 | 12.609 | 1750 | 1756 | 1762 | rVB2 | 21453 | 37683 | 3.30% | 0.453% |
| 78 | 12.695 | 1762 | 1770 | 1778 | rBV | 163925 | 279079 | 24.44% | 3.357% |
| 79 | 12.749 | 1778 | 1779 | 1783 | rBV3 | 957 | 1364 | 0.12% | 0.016% |
| 80 | 12.932 | 1804 | 1809 | 1818 | rBV4 | 7231 | 13116 | 1.15% | 0.158% |
| 81 | 13.091 | 1833 | 1835 | 1838 | rVB2 | 813 | 495 | 0.04% | 0.006% |
| 82 | 13.121 | 1838 | 1840 | 1844 | rBV3 | 636 | 842 | 0.07% | 0.010% |
| 83 | 13.243 | 1856 | 1860 | 1861 | rBV3 | 1188 | 1307 | 0.11% | 0.016% |
| 84 | 13.298 | 1864 | 1869 | 1873 | rVB3 | 5287 | 8440 | 0.74% | 0.102% |
| 85 | 13.359 | 1878 | 1879 | 1880 | rBV | 756 | 489 | 0.04% | 0.006% |
| 86 | 13.402 | 1884 | 1886 | 1892 | rVB5 | 2092 | 3333 | 0.29% | 0.040% |
| 87 | 13.463 | 1895 | 1896 | 1897 | rBV | 926 | 552 | 0.05% | 0.007% |
| 88 | 13.560 | 1905 | 1912 | 1923 | rBV | 501886 | 800980 | 70.15% | 9.634% |
| 89 | 13.853 | 1953 | 1960 | 1973 | rVB | 388736 | 643967 | 56.40% | 7.745% |
| 90 | 14.072 | 1991 | 1996 | 2003 | rVB2 | 14720 | 23800 | 2.08% | 0.286% |
| 91 | 14.255 | 2023 | 2026 | 2027 | rBV3 | 781 | 721 | 0.06% | 0.009% |
| 92 | 14.322 | 2032 | 2037 | 2042 | rBV7 | 2426 | 5649 | 0.49% | 0.068% |
| 93 | 14.487 | 2062 | 2064 | 2066 | rBV2 | 1017 | 898 | 0.08% | 0.011% |
| 94 | 14.670 | 2092 | 2094 | 2095 | rBV | 697 | 505 | 0.04% | 0.006% |
| 95 | 14.725 | 2098 | 2103 | 2108 | rVV4 | 3924 | 6754 | 0.59% | 0.081% |
| 96 | 14.822 | 2118 | 2119 | 2120 | rBV | 960 | 473 | 0.04% | 0.006% |
| 97 | 15.353 | 2204 | 2206 | 2207 | rBV2 | 1373 | 889 | 0.08% | 0.011% |
| 98 | 15.438 | 2216 | 2220 | 2225 | rVB3 | 12680 | 20294 | 1.78% | 0.244% |
| 99 | 15.755 | 2270 | 2272 | 2273 | rBV2 | 2002 | 1590 | 0.14% | 0.019% |
| 100 | 16.426 | 2380 | 2382 | 2385 | rBV2 | 1221 | 1183 | 0.10% | 0.014% |

Sum of corrected areas: 8314342

LSC Report - Integrated Chromatogram

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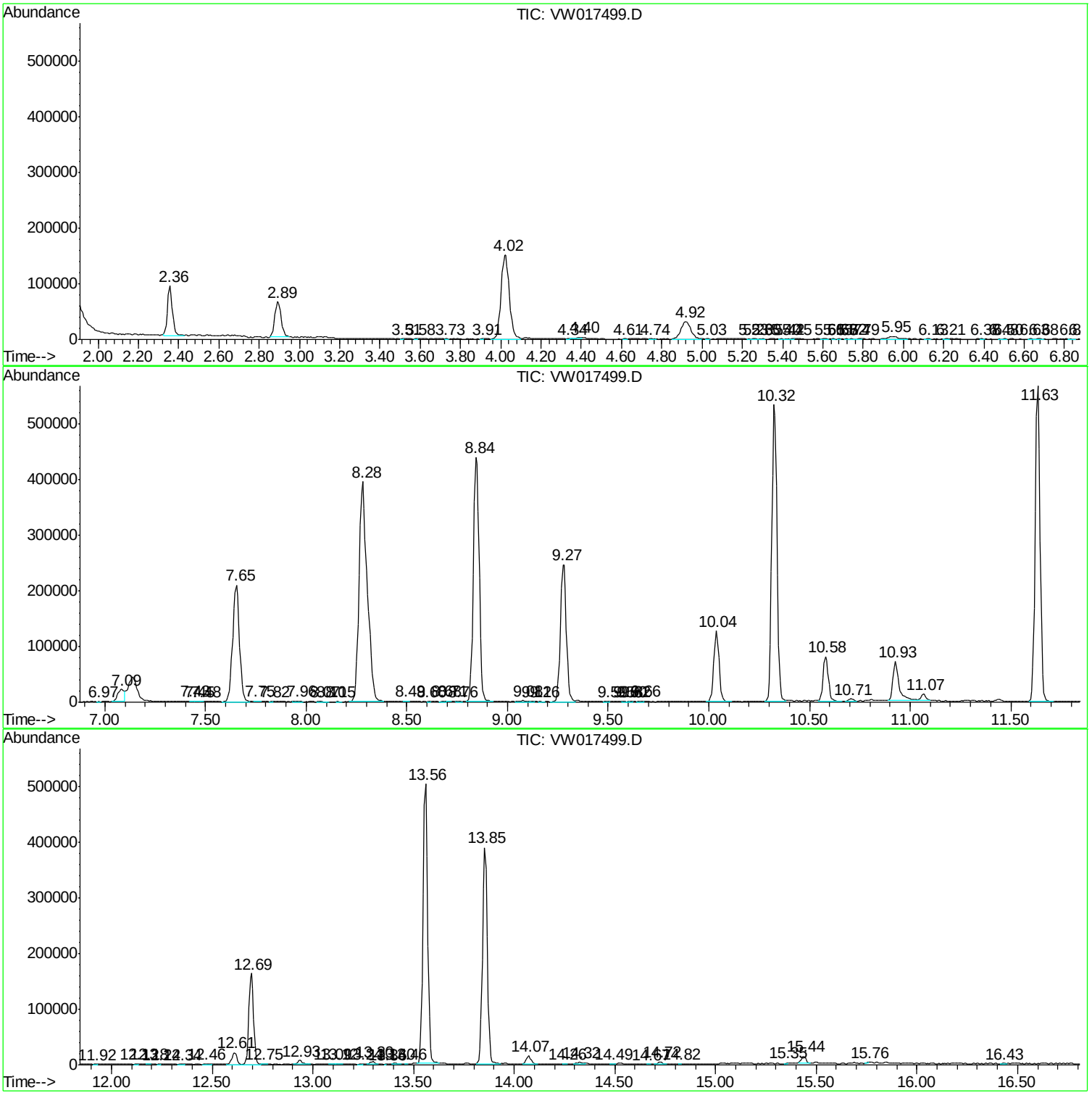
Sample : L4861-03
Misc : 5.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0B25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.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\VW112520\
Data File : VW017499.D
Acq On : 25 Nov 2020 13:30
Operator : SY/VA
Sample : L4861-03
Misc : 5.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0B25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.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\VW112520\
Data File : VW017499.D
Acq On : 25 Nov 2020 13:30
Operator : SY/VA
Sample : L4861-03
Misc : 5.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0B25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.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 |