LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
Data File : VV007209.D
Acq On : 25 Aug 2018 17:21
Operator : SY/MD
Sample : J4622-21
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VHBLK01

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_V\METHOD\SOMVLM082418WMA.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 | 0.948 | 11 | 18 | 23 | rBV3 | 1139 | 1327 | 0.05% | 0.006% |
| 2 | 1.032 | 27 | 44 | 68 | rBV | 2057328 | 2698105 | 99.38% | 12.046% |
| 3 | 1.321 | 126 | 134 | 158 | rVB | 333198 | 367453 | 13.53% | 1.640% |
| 4 | 1.585 | 209 | 216 | 229 | rVB | 289925 | 332650 | 12.25% | 1.485% |
| 5 | 2.135 | 377 | 387 | 399 | rBV | 611163 | 860718 | 31.70% | 3.843% |
| 6 | 3.311 | 751 | 753 | 757 | rVB4 | 1081 | 607 | 0.02% | 0.003% |
| 7 | 3.440 | 791 | 793 | 796 | rBV3 | 574 | 343 | 0.01% | 0.002% |
| 8 | 3.739 | 881 | 886 | 890 | rBV4 | 716 | 675 | 0.02% | 0.003% |
| 9 | 3.774 | 894 | 897 | 905 | rVB4 | 1083 | 1070 | 0.04% | 0.005% |
| 10 | 3.816 | 906 | 910 | 912 | rBV3 | 491 | 358 | 0.01% | 0.002% |
| 11 | 3.958 | 933 | 954 | 992 | rBV | 209284 | 625194 | 23.03% | 2.791% |
| 12 | 4.311 | 1060 | 1064 | 1070 | rVB4 | 1338 | 1149 | 0.04% | 0.005% |
| 13 | 4.408 | 1073 | 1094 | 1121 | rBV | 441187 | 1069712 | 39.40% | 4.776% |
| 14 | 4.672 | 1173 | 1176 | 1179 | rVV2 | 570 | 362 | 0.01% | 0.002% |
| 15 | 4.729 | 1190 | 1194 | 1198 | rBV6 | 829 | 652 | 0.02% | 0.003% |
| 16 | 4.810 | 1216 | 1219 | 1221 | rVB2 | 641 | 407 | 0.01% | 0.002% |
| 17 | 4.829 | 1221 | 1225 | 1228 | rBV3 | 640 | 646 | 0.02% | 0.003% |
| 18 | 4.868 | 1234 | 1237 | 1240 | rBV3 | 508 | 329 | 0.01% | 0.001% |
| 19 | 4.897 | 1243 | 1246 | 1250 | rVB3 | 1207 | 912 | 0.03% | 0.004% |
| 20 | 4.919 | 1250 | 1253 | 1258 | rBV3 | 750 | 568 | 0.02% | 0.003% |
| 21 | 4.958 | 1258 | 1265 | 1266 | rBV5 | 447 | 405 | 0.01% | 0.002% |
| 22 | 4.996 | 1273 | 1277 | 1280 | rBV3 | 459 | 471 | 0.02% | 0.002% |
| 23 | 5.012 | 1280 | 1282 | 1286 | rVB | 433 | 336 | 0.01% | 0.002% |
| 24 | 5.102 | 1290 | 1310 | 1348 | rBV2 | 1121120 | 2714948 | 100.00% | 12.121% |
| 25 | 5.437 | 1411 | 1414 | 1416 | rBV3 | 1142 | 709 | 0.03% | 0.003% |
| 26 | 5.559 | 1449 | 1452 | 1455 | rVB3 | 675 | 405 | 0.01% | 0.002% |
| 27 | 5.617 | 1465 | 1470 | 1472 | rBV4 | 721 | 727 | 0.03% | 0.003% |
| 28 | 5.672 | 1472 | 1487 | 1513 | rBV | 781681 | 1566270 | 57.69% | 6.993% |
| 29 | 5.903 | 1557 | 1559 | 1561 | rBV2 | 708 | 326 | 0.01% | 0.001% |
| 30 | 5.951 | 1563 | 1574 | 1592 | rVV4 | 25755 | 50039 | 1.84% | 0.223% |
| 31 | 6.125 | 1613 | 1628 | 1657 | rBV | 613973 | 1250295 | 46.05% | 5.582% |
| 32 | 6.498 | 1742 | 1744 | 1749 | rVB3 | 737 | 573 | 0.02% | 0.003% |
| 33 | 6.591 | 1770 | 1773 | 1777 | rVB4 | 1221 | 964 | 0.04% | 0.004% |
| 34 | 6.620 | 1777 | 1782 | 1783 | rBV3 | 743 | 795 | 0.03% | 0.004% |

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Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VHBLK01

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_V\METHOD\SOMVLM082418WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.652 | 1783 | 1792 | 1802 | rVB7 | 2349 | 4834 | 0.18% | 0.022% |
| 36 | 6.749 | 1819 | 1822 | 1824 | rVB2 | 915 | 498 | 0.02% | 0.002% |
| 37 | 6.768 | 1825 | 1828 | 1830 | rBV3 | 729 | 386 | 0.01% | 0.002% |
| 38 | 6.823 | 1843 | 1845 | 1848 | rVB2 | 612 | 316 | 0.01% | 0.001% |
| 39 | 6.929 | 1875 | 1878 | 1881 | rVB4 | 994 | 677 | 0.02% | 0.003% |
| 40 | 6.964 | 1886 | 1889 | 1891 | rBV2 | 1096 | 724 | 0.03% | 0.003% |
| 41 | 7.035 | 1895 | 1911 | 1937 | rBV | 291268 | 535676 | 19.73% | 2.391% |
| 42 | 7.221 | 1967 | 1969 | 1974 | rBV3 | 734 | 647 | 0.02% | 0.003% |
| 43 | 7.289 | 1987 | 1990 | 1994 | rBV6 | 892 | 885 | 0.03% | 0.004% |
| 44 | 7.366 | 1999 | 2014 | 2055 | rBV | 1131103 | 2021074 | 74.44% | 9.023% |
| 45 | 7.668 | 2097 | 2108 | 2127 | rBV | 210726 | 373163 | 13.74% | 1.666% |
| 46 | 8.144 | 2244 | 2256 | 2294 | rBV3 | 432613 | 1164614 | 42.90% | 5.199% |
| 47 | 8.527 | 2373 | 2375 | 2380 | rBV3 | 633 | 582 | 0.02% | 0.003% |
| 48 | 8.588 | 2392 | 2394 | 2397 | rVB2 | 875 | 513 | 0.02% | 0.002% |
| 49 | 8.617 | 2400 | 2403 | 2406 | rVB2 | 1060 | 699 | 0.03% | 0.003% |
| 50 | 8.713 | 2430 | 2433 | 2435 | rBV3 | 871 | 504 | 0.02% | 0.002% |
| 51 | 8.903 | 2478 | 2492 | 2522 | rBV | 1173224 | 1984511 | 73.10% | 8.860% |
| 52 | 9.186 | 2576 | 2580 | 2590 | rVB7 | 2176 | 3105 | 0.11% | 0.014% |
| 53 | 9.253 | 2599 | 2601 | 2607 | rVB3 | 700 | 538 | 0.02% | 0.002% |
| 54 | 9.311 | 2617 | 2619 | 2623 | rVB3 | 556 | 295 | 0.01% | 0.001% |
| 55 | 9.343 | 2626 | 2629 | 2634 | rBV4 | 623 | 591 | 0.02% | 0.003% |
| 56 | 9.388 | 2641 | 2643 | 2648 | rBV3 | 435 | 314 | 0.01% | 0.001% |
| 57 | 9.475 | 2668 | 2670 | 2673 | rBV3 | 592 | 370 | 0.01% | 0.002% |
| 58 | 9.517 | 2679 | 2683 | 2685 | rVB3 | 724 | 460 | 0.02% | 0.002% |
| 59 | 9.530 | 2685 | 2687 | 2690 | rBV3 | 603 | 426 | 0.02% | 0.002% |
| 60 | 9.549 | 2691 | 2693 | 2696 | rVV3 | 825 | 489 | 0.02% | 0.002% |
| 61 | 9.568 | 2696 | 2699 | 2701 | rVV | 638 | 416 | 0.02% | 0.002% |
| 62 | 9.594 | 2703 | 2707 | 2712 | rVV4 | 1065 | 1180 | 0.04% | 0.005% |
| 63 | 9.620 | 2712 | 2715 | 2719 | rVB4 | 872 | 639 | 0.02% | 0.003% |
| 64 | 9.658 | 2723 | 2727 | 2732 | rVV3 | 696 | 546 | 0.02% | 0.002% |
| 65 | 9.710 | 2739 | 2743 | 2747 | rVB3 | 1020 | 791 | 0.03% | 0.004% |
| 66 | 9.736 | 2747 | 2751 | 2754 | rBV4 | 1050 | 1008 | 0.04% | 0.005% |
| 67 | 9.970 | 2822 | 2824 | 2828 | rBV2 | 730 | 522 | 0.02% | 0.002% |
| 68 | 10.070 | 2852 | 2855 | 2859 | rBV4 | 475 | 412 | 0.02% | 0.002% |
| 69 | 10.221 | 2899 | 2902 | 2903 | rBV3 | 442 | 302 | 0.01% | 0.001% |
| 70 | 10.266 | 2903 | 2916 | 2947 | rVV | 801570 | 1313247 | 48.37% | 5.863% |
| 71 | 10.414 | 2960 | 2962 | 2967 | rVB3 | 460 | 433 | 0.02% | 0.002% |

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Sample : J4622-21
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VHBLK01

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_V\METHOD\SOMVLM082418WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.440 | 2968 | 2970 | 2974 | rBV2 | 479 | 314 | 0.01% | 0.001% |
| 73 | 10.642 | 3030 | 3033 | 3041 | rBV4 | 692 | 689 | 0.03% | 0.003% |
| 74 | 10.806 | 3080 | 3084 | 3087 | rBV4 | 976 | 634 | 0.02% | 0.003% |
| 75 | 10.906 | 3112 | 3115 | 3118 | rBV3 | 979 | 852 | 0.03% | 0.004% |
| 76 | 10.954 | 3124 | 3130 | 3135 | rBV4 | 1086 | 1231 | 0.05% | 0.005% |
| 77 | 10.999 | 3142 | 3144 | 3150 | rVB3 | 640 | 439 | 0.02% | 0.002% |
| 78 | 11.073 | 3165 | 3167 | 3171 | rVV3 | 498 | 378 | 0.01% | 0.002% |
| 79 | 11.128 | 3182 | 3184 | 3187 | rBV3 | 671 | 398 | 0.01% | 0.002% |
| 80 | 11.166 | 3193 | 3196 | 3197 | rBV2 | 783 | 426 | 0.02% | 0.002% |
| 81 | 11.205 | 3204 | 3208 | 3209 | rBV3 | 800 | 610 | 0.02% | 0.003% |
| 82 | 11.228 | 3210 | 3215 | 3222 | rVV7 | 1499 | 2086 | 0.08% | 0.009% |
| 83 | 11.302 | 3225 | 3238 | 3265 | rVV | 945562 | 1648401 | 60.72% | 7.359% |
| 84 | 11.443 | 3280 | 3282 | 3284 | rBV3 | 689 | 339 | 0.01% | 0.002% |
| 85 | 11.523 | 3302 | 3307 | 3310 | rBV6 | 913 | 840 | 0.03% | 0.004% |
| 86 | 11.584 | 3322 | 3326 | 3327 | rBV3 | 993 | 693 | 0.03% | 0.003% |
| 87 | 11.678 | 3342 | 3355 | 3377 | rBV | 1030154 | 1766640 | 65.07% | 7.887% |
| 88 | 12.170 | 3505 | 3508 | 3512 | rBV3 | 979 | 936 | 0.03% | 0.004% |
| 89 | 12.231 | 3525 | 3527 | 3532 | rVB4 | 1082 | 752 | 0.03% | 0.003% |
| 90 | 12.256 | 3532 | 3535 | 3536 | rBV2 | 809 | 424 | 0.02% | 0.002% |
| 91 | 12.372 | 3568 | 3571 | 3573 | rBV3 | 586 | 371 | 0.01% | 0.002% |
| 92 | 12.385 | 3573 | 3575 | 3577 | rBV2 | 537 | 305 | 0.01% | 0.001% |
| 93 | 12.420 | 3584 | 3586 | 3589 | rVB2 | 847 | 378 | 0.01% | 0.002% |
| 94 | 12.469 | 3598 | 3601 | 3604 | rBV3 | 775 | 548 | 0.02% | 0.002% |
| 95 | 12.691 | 3667 | 3670 | 3672 | rBV4 | 1024 | 507 | 0.02% | 0.002% |
| 96 | 12.707 | 3672 | 3675 | 3679 | rVB2 | 1210 | 961 | 0.04% | 0.004% |
| 97 | 12.809 | 3704 | 3707 | 3708 | rBV3 | 645 | 370 | 0.01% | 0.002% |
| 98 | 12.906 | 3734 | 3737 | 3740 | rBV3 | 907 | 460 | 0.02% | 0.002% |
| 99 | 13.199 | 3825 | 3828 | 3830 | rBV4 | 1223 | 889 | 0.03% | 0.004% |
| 100 | 13.224 | 3833 | 3836 | 3838 | rVV2 | 827 | 490 | 0.02% | 0.002% |

Sum of corrected areas: 22399248

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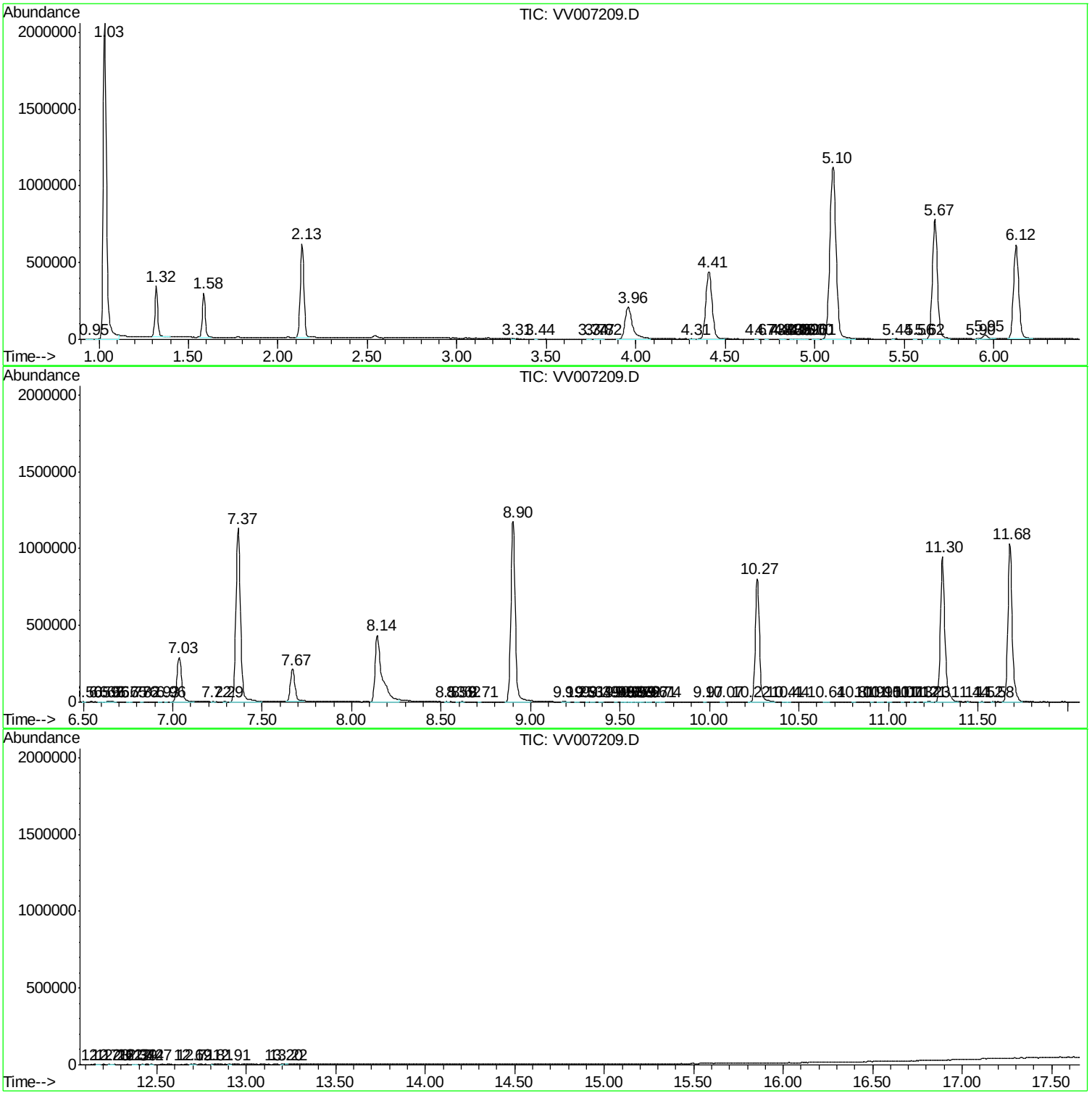
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.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_V\DATA\VV082518\
Data File : VV007209.D
Acq On : 25 Aug 2018 17:21
Operator : SY/MD
Sample : J4622-21
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.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_V\DATA\VV082518\
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Misc : 5.0 mL/MSVOA_V/WATER
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**Instrument :** MSVOA_V
**ClientSampleId :** VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.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 |