LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070618\
Data File : VW003742.D
Acq On : 06 Jul 2018 17:03
Operator : SY/AP
Sample : VW0706SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VBLK81

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\SOM2WLM070618S.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 | 1.746 | 19 | 26 | 28 | rBV | 8942 | 15206 | 0.93% | 0.150% |
| 2 | 1.807 | 28 | 36 | 57 | rVB | 696691 | 1635489 | 100.00% | 16.118% |
| 3 | 2.154 | 88 | 93 | 96 | rBV2 | 3394 | 6401 | 0.39% | 0.063% |
| 4 | 2.349 | 119 | 125 | 133 | rBV | 87796 | 151928 | 9.29% | 1.497% |
| 5 | 2.886 | 207 | 213 | 225 | rVB | 46219 | 116538 | 7.13% | 1.149% |
| 6 | 4.007 | 386 | 397 | 411 | rBV | 95815 | 305422 | 18.67% | 3.010% |
| 7 | 4.623 | 497 | 498 | 499 | rBV | 488 | 281 | 0.02% | 0.003% |
| 8 | 4.904 | 536 | 544 | 564 | rVB3 | 13167 | 50624 | 3.10% | 0.499% |
| 9 | 5.605 | 657 | 659 | 660 | rBV | 264 | 247 | 0.02% | 0.002% |
| 10 | 5.647 | 663 | 666 | 669 | rBV2 | 392 | 435 | 0.03% | 0.004% |
| 11 | 5.708 | 674 | 676 | 677 | rBV2 | 480 | 341 | 0.02% | 0.003% |
| 12 | 5.855 | 696 | 700 | 701 | rBV4 | 229 | 278 | 0.02% | 0.003% |
| 13 | 5.940 | 703 | 714 | 723 | rVV2 | 10894 | 32341 | 1.98% | 0.319% |
| 14 | 6.117 | 742 | 743 | 745 | rVB2 | 385 | 241 | 0.01% | 0.002% |
| 15 | 6.147 | 745 | 748 | 751 | rBV3 | 576 | 590 | 0.04% | 0.006% |
| 16 | 6.422 | 790 | 793 | 795 | rBV2 | 286 | 246 | 0.02% | 0.002% |
| 17 | 6.568 | 814 | 817 | 818 | rBV2 | 429 | 326 | 0.02% | 0.003% |
| 18 | 6.586 | 818 | 820 | 823 | rVV2 | 279 | 337 | 0.02% | 0.003% |
| 19 | 6.928 | 873 | 876 | 877 | rBV3 | 299 | 257 | 0.02% | 0.003% |
| 20 | 6.952 | 878 | 880 | 882 | rVV | 463 | 313 | 0.02% | 0.003% |
| 21 | 6.976 | 882 | 884 | 887 | rVB | 488 | 418 | 0.03% | 0.004% |
| 22 | 7.086 | 892 | 902 | 908 | rBV | 45307 | 122514 | 7.49% | 1.207% |
| 23 | 7.330 | 940 | 942 | 946 | rVB3 | 289 | 359 | 0.02% | 0.004% |
| 24 | 7.434 | 957 | 959 | 961 | rBV | 382 | 421 | 0.03% | 0.004% |
| 25 | 7.476 | 964 | 966 | 968 | rBV | 332 | 278 | 0.02% | 0.003% |
| 26 | 7.513 | 968 | 972 | 974 | rBV3 | 375 | 583 | 0.04% | 0.006% |
| 27 | 7.647 | 984 | 994 | 1009 | rVB | 175650 | 429229 | 26.24% | 4.230% |
| 28 | 7.891 | 1032 | 1034 | 1038 | rBV2 | 315 | 511 | 0.03% | 0.005% |
| 29 | 8.049 | 1057 | 1060 | 1061 | rVB2 | 307 | 249 | 0.02% | 0.002% |
| 30 | 8.165 | 1075 | 1079 | 1082 | rBV2 | 342 | 624 | 0.04% | 0.006% |
| 31 | 8.275 | 1087 | 1097 | 1115 | rBV2 | 353167 | 1058338 | 64.71% | 10.430% |
| 32 | 8.543 | 1139 | 1141 | 1144 | rVB | 323 | 249 | 0.02% | 0.002% |
| 33 | 8.622 | 1152 | 1154 | 1155 | rBV | 315 | 256 | 0.02% | 0.003% |
| 34 | 8.683 | 1161 | 1164 | 1170 | rVB3 | 514 | 1164 | 0.07% | 0.011% |

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Operator : SY/AP
Sample : VW0706SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VBLK81

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\SOM2WLM070618S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 8.848 | 1182 | 1191 | 1201 | rBV | 400759 | 787793 | 48.17% | 7.764% |
| 36 | 9.013 | 1216 | 1218 | 1219 | rBV2 | 311 | 264 | 0.02% | 0.003% |
| 37 | 9.055 | 1221 | 1225 | 1228 | rVV4 | 883 | 1342 | 0.08% | 0.013% |
| 38 | 9.208 | 1248 | 1250 | 1252 | rVB2 | 392 | 350 | 0.02% | 0.003% |
| 39 | 9.281 | 1252 | 1262 | 1273 | rBV | 239920 | 492168 | 30.09% | 4.850% |
| 40 | 9.488 | 1294 | 1296 | 1299 | rVB3 | 408 | 478 | 0.03% | 0.005% |
| 41 | 9.531 | 1299 | 1303 | 1304 | rBV3 | 371 | 507 | 0.03% | 0.005% |
| 42 | 9.598 | 1313 | 1314 | 1319 | rBV4 | 299 | 357 | 0.02% | 0.004% |
| 43 | 9.720 | 1329 | 1334 | 1335 | rBV3 | 182 | 265 | 0.02% | 0.003% |
| 44 | 9.756 | 1335 | 1340 | 1345 | rVB2 | 343 | 781 | 0.05% | 0.008% |
| 45 | 9.817 | 1345 | 1350 | 1353 | rBV3 | 430 | 587 | 0.04% | 0.006% |
| 46 | 9.848 | 1353 | 1355 | 1358 | rVB2 | 392 | 427 | 0.03% | 0.004% |
| 47 | 9.891 | 1358 | 1362 | 1367 | rBV2 | 587 | 991 | 0.06% | 0.010% |
| 48 | 9.958 | 1370 | 1373 | 1374 | rBV | 292 | 261 | 0.02% | 0.003% |
| 49 | 10.037 | 1374 | 1386 | 1396 | rBV | 133210 | 242872 | 14.85% | 2.394% |
| 50 | 10.214 | 1411 | 1415 | 1417 | rVV4 | 461 | 730 | 0.04% | 0.007% |
| 51 | 10.329 | 1425 | 1434 | 1441 | rBV | 501594 | 869580 | 53.17% | 8.570% |
| 52 | 10.579 | 1467 | 1475 | 1485 | rBV | 94920 | 164673 | 10.07% | 1.623% |
| 53 | 10.714 | 1490 | 1497 | 1504 | rBV | 50213 | 91753 | 5.61% | 0.904% |
| 54 | 10.854 | 1515 | 1520 | 1523 | rBV5 | 1826 | 3100 | 0.19% | 0.031% |
| 55 | 10.933 | 1526 | 1533 | 1542 | rBV | 165176 | 284612 | 17.40% | 2.805% |
| 56 | 11.067 | 1550 | 1555 | 1565 | rVB | 19475 | 33227 | 2.03% | 0.327% |
| 57 | 11.183 | 1568 | 1574 | 1578 | rVB5 | 3042 | 4881 | 0.30% | 0.048% |
| 58 | 11.409 | 1607 | 1611 | 1612 | rBV3 | 1631 | 1909 | 0.12% | 0.019% |
| 59 | 11.445 | 1612 | 1617 | 1623 | rVB | 13692 | 23542 | 1.44% | 0.232% |
| 60 | 11.537 | 1630 | 1632 | 1635 | rBV3 | 530 | 689 | 0.04% | 0.007% |
| 61 | 11.634 | 1640 | 1648 | 1657 | rBV | 584662 | 969622 | 59.29% | 9.556% |
| 62 | 11.719 | 1660 | 1662 | 1664 | rBV2 | 627 | 718 | 0.04% | 0.007% |
| 63 | 11.835 | 1677 | 1681 | 1688 | rBV5 | 1581 | 3184 | 0.19% | 0.031% |
| 64 | 11.902 | 1690 | 1692 | 1693 | rBV2 | 337 | 272 | 0.02% | 0.003% |
| 65 | 11.951 | 1698 | 1700 | 1705 | rVB2 | 298 | 426 | 0.03% | 0.004% |
| 66 | 12.012 | 1707 | 1710 | 1712 | rBV2 | 310 | 289 | 0.02% | 0.003% |
| 67 | 12.183 | 1732 | 1738 | 1745 | rVB5 | 1993 | 4169 | 0.25% | 0.041% |
| 68 | 12.244 | 1745 | 1748 | 1750 | rBV2 | 305 | 356 | 0.02% | 0.004% |
| 69 | 12.354 | 1763 | 1766 | 1769 | rVB | 436 | 470 | 0.03% | 0.005% |
| 70 | 12.469 | 1780 | 1785 | 1788 | rBV4 | 1040 | 1813 | 0.11% | 0.018% |
| 71 | 12.616 | 1802 | 1809 | 1816 | rBV | 75008 | 129687 | 7.93% | 1.278% |

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Sample : VW0706SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VBLK81

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\SOM2WLM070618S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.695 | 1816 | 1822 | 1831 | rVV | 218460 | 368822 | 22.55% | 3.635% |
| 73 | 12.774 | 1833 | 1835 | 1839 | rVB2 | 913 | 1176 | 0.07% | 0.012% |
| 74 | 12.811 | 1839 | 1841 | 1845 | rBV3 | 401 | 573 | 0.04% | 0.006% |
| 75 | 12.945 | 1858 | 1863 | 1872 | rVB2 | 5090 | 8159 | 0.50% | 0.080% |
| 76 | 13.049 | 1877 | 1880 | 1883 | rVB4 | 490 | 537 | 0.03% | 0.005% |
| 77 | 13.091 | 1883 | 1887 | 1892 | rBV4 | 643 | 835 | 0.05% | 0.008% |
| 78 | 13.231 | 1906 | 1910 | 1911 | rBV2 | 650 | 737 | 0.05% | 0.007% |
| 79 | 13.305 | 1915 | 1922 | 1927 | rVB2 | 8950 | 14582 | 0.89% | 0.144% |
| 80 | 13.506 | 1950 | 1955 | 1958 | rVV4 | 2987 | 4466 | 0.27% | 0.044% |
| 81 | 13.567 | 1958 | 1965 | 1973 | rVB | 559283 | 885459 | 54.14% | 8.726% |
| 82 | 13.652 | 1978 | 1979 | 1981 | rBV2 | 822 | 504 | 0.03% | 0.005% |
| 83 | 13.780 | 1993 | 2000 | 2002 | rBV6 | 795 | 1786 | 0.11% | 0.018% |
| 84 | 13.859 | 2006 | 2013 | 2021 | rBV | 453907 | 742964 | 45.43% | 7.322% |
| 85 | 13.963 | 2027 | 2030 | 2034 | rBV3 | 922 | 1241 | 0.08% | 0.012% |
| 86 | 14.018 | 2038 | 2039 | 2040 | rBV | 715 | 366 | 0.02% | 0.004% |
| 87 | 14.085 | 2044 | 2050 | 2061 | rVB | 16027 | 26547 | 1.62% | 0.262% |
| 88 | 14.213 | 2067 | 2071 | 2072 | rBV2 | 416 | 549 | 0.03% | 0.005% |
| 89 | 14.347 | 2089 | 2093 | 2098 | rVB6 | 2108 | 3604 | 0.22% | 0.036% |
| 90 | 14.530 | 2121 | 2123 | 2127 | rVB3 | 707 | 797 | 0.05% | 0.008% |
| 91 | 14.634 | 2136 | 2140 | 2146 | rVB4 | 3185 | 5589 | 0.34% | 0.055% |
| 92 | 14.707 | 2150 | 2152 | 2153 | rBV | 583 | 444 | 0.03% | 0.004% |
| 93 | 14.743 | 2153 | 2158 | 2164 | rVB6 | 1913 | 3179 | 0.19% | 0.031% |
| 94 | 15.146 | 2219 | 2224 | 2229 | rVB5 | 3672 | 6341 | 0.39% | 0.062% |
| 95 | 15.219 | 2234 | 2236 | 2238 | rVB2 | 590 | 494 | 0.03% | 0.005% |
| 96 | 15.377 | 2258 | 2262 | 2267 | rBV | 3848 | 6714 | 0.41% | 0.066% |
| 97 | 15.572 | 2289 | 2294 | 2298 | rVB5 | 3402 | 5753 | 0.35% | 0.057% |
| 98 | 15.676 | 2307 | 2311 | 2312 | rBV2 | 472 | 653 | 0.04% | 0.006% |
| 99 | 15.786 | 2325 | 2329 | 2331 | rBV4 | 838 | 1253 | 0.08% | 0.012% |
| 100 | 16.450 | 2436 | 2438 | 2441 | rBV2 | 425 | 496 | 0.03% | 0.005% |

Sum of corrected areas: 10146799

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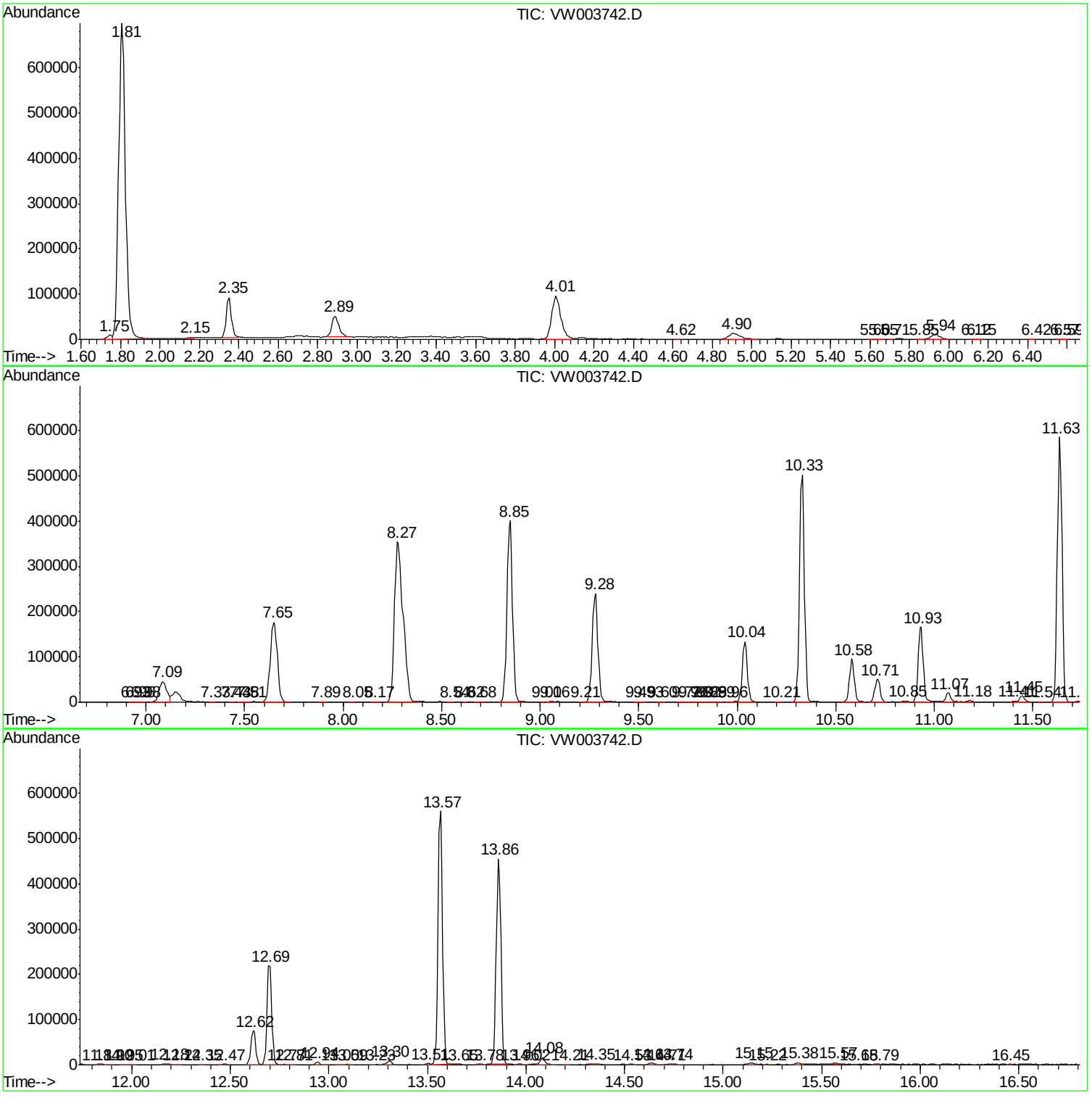
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VBLK81

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070618S.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\VW070618\
Data File : VW003742.D
Acq On : 06 Jul 2018 17:03
Operator : SY/AP
Sample : VW0706SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VBLK81

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070618S.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\VW070618\
Data File : VW003742.D
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Operator : SY/AP
Sample : VW0706SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VBLK81

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070618S.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 |