LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112619\
Data File : VW014144.D
Acq On : 26 Nov 2019 19:21
Operator : SY/VA
Sample : K6063-10
Misc : 6.17G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BN6

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\SOM2WLM111119S.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 | 2.154 | 37 | 41 | 49 | rBV | 10515 | 21307 | 1.86% | 0.246% |
| 2 | 2.349 | 67 | 73 | 85 | rVB | 64613 | 118904 | 10.35% | 1.371% |
| 3 | 2.885 | 154 | 161 | 172 | rBV | 45814 | 119003 | 10.36% | 1.372% |
| 4 | 3.312 | 227 | 231 | 232 | rBV2 | 258 | 261 | 0.02% | 0.003% |
| 5 | 3.391 | 242 | 244 | 245 | rBV2 | 402 | 341 | 0.03% | 0.004% |
| 6 | 3.843 | 315 | 318 | 320 | rBV | 223 | 250 | 0.02% | 0.003% |
| 7 | 3.904 | 327 | 328 | 332 | rVB3 | 473 | 407 | 0.04% | 0.005% |
| 8 | 4.013 | 334 | 346 | 361 | rBV | 108594 | 354556 | 30.87% | 4.088% |
| 9 | 4.312 | 393 | 395 | 399 | rBV2 | 296 | 245 | 0.02% | 0.003% |
| 10 | 4.361 | 399 | 403 | 404 | rBV2 | 317 | 411 | 0.04% | 0.005% |
| 11 | 4.629 | 444 | 447 | 448 | rVB2 | 342 | 255 | 0.02% | 0.003% |
| 12 | 4.745 | 462 | 466 | 468 | rBB3 | 338 | 313 | 0.03% | 0.004% |
| 13 | 4.824 | 477 | 479 | 482 | rBV2 | 220 | 361 | 0.03% | 0.004% |
| 14 | 4.922 | 483 | 495 | 509 | rVB4 | 5948 | 23019 | 2.00% | 0.265% |
| 15 | 5.019 | 509 | 511 | 514 | rBV2 | 272 | 354 | 0.03% | 0.004% |
| 16 | 5.476 | 584 | 586 | 588 | rVB | 328 | 244 | 0.02% | 0.003% |
| 17 | 5.501 | 588 | 590 | 594 | rBV | 335 | 426 | 0.04% | 0.005% |
| 18 | 5.611 | 607 | 608 | 611 | rBV | 265 | 299 | 0.03% | 0.003% |
| 19 | 5.708 | 622 | 624 | 626 | rBV2 | 242 | 264 | 0.02% | 0.003% |
| 20 | 5.757 | 630 | 632 | 635 | rBV | 356 | 341 | 0.03% | 0.004% |
| 21 | 5.806 | 638 | 640 | 643 | rVB2 | 269 | 299 | 0.03% | 0.003% |
| 22 | 5.848 | 643 | 647 | 648 | rBV2 | 205 | 328 | 0.03% | 0.004% |
| 23 | 5.940 | 654 | 662 | 665 | rBV6 | 1207 | 2475 | 0.22% | 0.029% |
| 24 | 6.373 | 730 | 733 | 734 | rBV3 | 397 | 416 | 0.04% | 0.005% |
| 25 | 6.415 | 737 | 740 | 744 | rVV2 | 275 | 411 | 0.04% | 0.005% |
| 26 | 6.507 | 750 | 755 | 757 | rBV2 | 284 | 410 | 0.04% | 0.005% |
| 27 | 6.665 | 778 | 781 | 785 | rBV | 183 | 252 | 0.02% | 0.003% |
| 28 | 6.757 | 795 | 796 | 801 | rBV2 | 208 | 292 | 0.03% | 0.003% |
| 29 | 6.946 | 824 | 827 | 830 | rBV2 | 335 | 542 | 0.05% | 0.006% |
| 30 | 7.068 | 839 | 847 | 853 | rBV | 37197 | 103251 | 8.99% | 1.191% |
| 31 | 7.360 | 894 | 895 | 899 | rVB | 479 | 343 | 0.03% | 0.004% |
| 32 | 7.433 | 902 | 907 | 909 | rBV3 | 424 | 491 | 0.04% | 0.006% |
| 33 | 7.537 | 918 | 924 | 931 | rVB4 | 1917 | 4232 | 0.37% | 0.049% |
| 34 | 7.647 | 931 | 942 | 953 | rBV | 196897 | 484834 | 42.22% | 5.590% |

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Misc : 6.17G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BN6

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\SOM2WLM111119S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 7.763 | 958 | 961 | 964 | rBV2 | 331 | 450 | 0.04% | 0.005% |
| 36 | 7.952 | 985 | 992 | 993 | rBV3 | 989 | 1839 | 0.16% | 0.021% |
| 37 | 8.275 | 1033 | 1045 | 1063 | rBV2 | 387227 | 1148398 | 100.00% | 13.242% |
| 38 | 8.391 | 1063 | 1064 | 1065 | rBV | 596 | 272 | 0.02% | 0.003% |
| 39 | 8.470 | 1075 | 1077 | 1081 | rVB | 551 | 622 | 0.05% | 0.007% |
| 40 | 8.616 | 1099 | 1101 | 1102 | rVV | 406 | 289 | 0.03% | 0.003% |
| 41 | 8.634 | 1102 | 1104 | 1107 | rVV2 | 418 | 430 | 0.04% | 0.005% |
| 42 | 8.701 | 1108 | 1115 | 1118 | rVB4 | 578 | 1005 | 0.09% | 0.012% |
| 43 | 8.842 | 1129 | 1138 | 1149 | rBV | 347301 | 704814 | 61.37% | 8.127% |
| 44 | 9.025 | 1166 | 1168 | 1170 | rBV | 304 | 290 | 0.03% | 0.003% |
| 45 | 9.043 | 1170 | 1171 | 1172 | rBV | 473 | 302 | 0.03% | 0.003% |
| 46 | 9.214 | 1197 | 1199 | 1200 | rBV | 243 | 246 | 0.02% | 0.003% |
| 47 | 9.275 | 1200 | 1209 | 1219 | rBV | 264084 | 542750 | 47.26% | 6.258% |
| 48 | 9.494 | 1243 | 1245 | 1249 | rVB2 | 339 | 359 | 0.03% | 0.004% |
| 49 | 9.543 | 1251 | 1253 | 1255 | rBV | 348 | 317 | 0.03% | 0.004% |
| 50 | 9.579 | 1255 | 1259 | 1263 | rBV2 | 364 | 462 | 0.04% | 0.005% |
| 51 | 9.659 | 1267 | 1272 | 1279 | rBV3 | 1953 | 3968 | 0.35% | 0.046% |
| 52 | 9.781 | 1291 | 1292 | 1293 | rBV | 538 | 298 | 0.03% | 0.003% |
| 53 | 9.823 | 1297 | 1299 | 1300 | rBV | 423 | 309 | 0.03% | 0.004% |
| 54 | 9.884 | 1307 | 1309 | 1314 | rVB3 | 767 | 945 | 0.08% | 0.011% |
| 55 | 9.951 | 1317 | 1320 | 1322 | rBV | 405 | 403 | 0.04% | 0.005% |
| 56 | 9.970 | 1322 | 1323 | 1325 | rBV | 525 | 301 | 0.03% | 0.003% |
| 57 | 10.031 | 1326 | 1333 | 1343 | rVV | 130649 | 240748 | 20.96% | 2.776% |
| 58 | 10.122 | 1346 | 1348 | 1354 | rVB4 | 1756 | 2235 | 0.19% | 0.026% |
| 59 | 10.213 | 1358 | 1363 | 1366 | rBV3 | 1750 | 3297 | 0.29% | 0.038% |
| 60 | 10.323 | 1373 | 1381 | 1390 | rBV | 546880 | 961474 | 83.72% | 11.086% |
| 61 | 10.500 | 1408 | 1410 | 1413 | rBV2 | 677 | 581 | 0.05% | 0.007% |
| 62 | 10.573 | 1416 | 1422 | 1432 | rVV | 85763 | 149254 | 13.00% | 1.721% |
| 63 | 10.701 | 1437 | 1443 | 1452 | rVV | 52246 | 96108 | 8.37% | 1.108% |
| 64 | 10.921 | 1473 | 1479 | 1488 | rBV | 140171 | 243576 | 21.21% | 2.809% |
| 65 | 11.061 | 1497 | 1502 | 1508 | rVB | 32509 | 53335 | 4.64% | 0.615% |
| 66 | 11.439 | 1559 | 1564 | 1569 | rVB | 21957 | 35580 | 3.10% | 0.410% |
| 67 | 11.506 | 1573 | 1575 | 1576 | rBV | 1007 | 760 | 0.07% | 0.009% |
| 68 | 11.628 | 1588 | 1595 | 1609 | rVB | 513520 | 885081 | 77.07% | 10.206% |
| 69 | 12.164 | 1680 | 1683 | 1693 | rVB7 | 1396 | 3091 | 0.27% | 0.036% |
| 70 | 12.390 | 1719 | 1720 | 1721 | rBV | 417 | 278 | 0.02% | 0.003% |
| 71 | 12.469 | 1730 | 1733 | 1738 | rVB4 | 1759 | 1704 | 0.15% | 0.020% |

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Sample : K6063-10
Misc : 6.17G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BN6

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\SOM2WLM111119S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.536 | 1743 | 1744 | 1746 | rBV | 310 | 251 | 0.02% | 0.003% |
| 73 | 12.609 | 1746 | 1756 | 1762 | rBV | 57782 | 97603 | 8.50% | 1.125% |
| 74 | 12.689 | 1762 | 1769 | 1777 | rVB | 215487 | 355306 | 30.94% | 4.097% |
| 75 | 12.756 | 1778 | 1780 | 1783 | rBV3 | 374 | 413 | 0.04% | 0.005% |
| 76 | 12.810 | 1787 | 1789 | 1790 | rBV2 | 294 | 258 | 0.02% | 0.003% |
| 77 | 12.859 | 1792 | 1797 | 1798 | rBV2 | 742 | 913 | 0.08% | 0.011% |
| 78 | 12.932 | 1804 | 1809 | 1814 | rVB2 | 16900 | 25047 | 2.18% | 0.289% |
| 79 | 13.030 | 1822 | 1825 | 1828 | rBV3 | 1118 | 1349 | 0.12% | 0.016% |
| 80 | 13.085 | 1829 | 1834 | 1837 | rVB4 | 1023 | 1401 | 0.12% | 0.016% |
| 81 | 13.121 | 1837 | 1840 | 1843 | rVB3 | 554 | 734 | 0.06% | 0.008% |
| 82 | 13.152 | 1843 | 1845 | 1847 | rBV2 | 660 | 506 | 0.04% | 0.006% |
| 83 | 13.195 | 1849 | 1852 | 1855 | rVB4 | 1339 | 1183 | 0.10% | 0.014% |
| 84 | 13.292 | 1863 | 1868 | 1878 | rVB3 | 9836 | 16385 | 1.43% | 0.189% |
| 85 | 13.359 | 1878 | 1879 | 1881 | rBV2 | 255 | 276 | 0.02% | 0.003% |
| 86 | 13.402 | 1881 | 1886 | 1892 | rVB5 | 2553 | 5025 | 0.44% | 0.058% |
| 87 | 13.469 | 1892 | 1897 | 1899 | rBV3 | 1930 | 2711 | 0.24% | 0.031% |
| 88 | 13.554 | 1904 | 1911 | 1924 | rVV | 580703 | 948082 | 82.56% | 10.932% |
| 89 | 13.713 | 1936 | 1937 | 1939 | rBV | 718 | 440 | 0.04% | 0.005% |
| 90 | 13.762 | 1940 | 1945 | 1948 | rVV6 | 2664 | 4346 | 0.38% | 0.050% |
| 91 | 13.853 | 1953 | 1960 | 1966 | rBV | 488424 | 810471 | 70.57% | 9.345% |
| 92 | 14.012 | 1983 | 1986 | 1989 | rBV5 | 1034 | 1702 | 0.15% | 0.020% |
| 93 | 14.066 | 1990 | 1995 | 2001 | rVB | 21474 | 33599 | 2.93% | 0.387% |
| 94 | 14.194 | 2013 | 2016 | 2021 | rVB3 | 1543 | 2452 | 0.21% | 0.028% |
| 95 | 14.329 | 2028 | 2038 | 2041 | rBV6 | 3226 | 8319 | 0.72% | 0.096% |
| 96 | 14.682 | 2092 | 2096 | 2097 | rBV | 510 | 554 | 0.05% | 0.006% |
| 97 | 14.725 | 2100 | 2103 | 2109 | rVB7 | 1985 | 3220 | 0.28% | 0.037% |
| 98 | 14.786 | 2109 | 2113 | 2114 | rBV2 | 1122 | 1073 | 0.09% | 0.012% |
| 99 | 15.438 | 2215 | 2220 | 2226 | rVB | 13486 | 21279 | 1.85% | 0.245% |
| 100 | 15.755 | 2270 | 2272 | 2274 | rBV3 | 1141 | 1294 | 0.11% | 0.015% |

Sum of corrected areas: 8672500

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112619\
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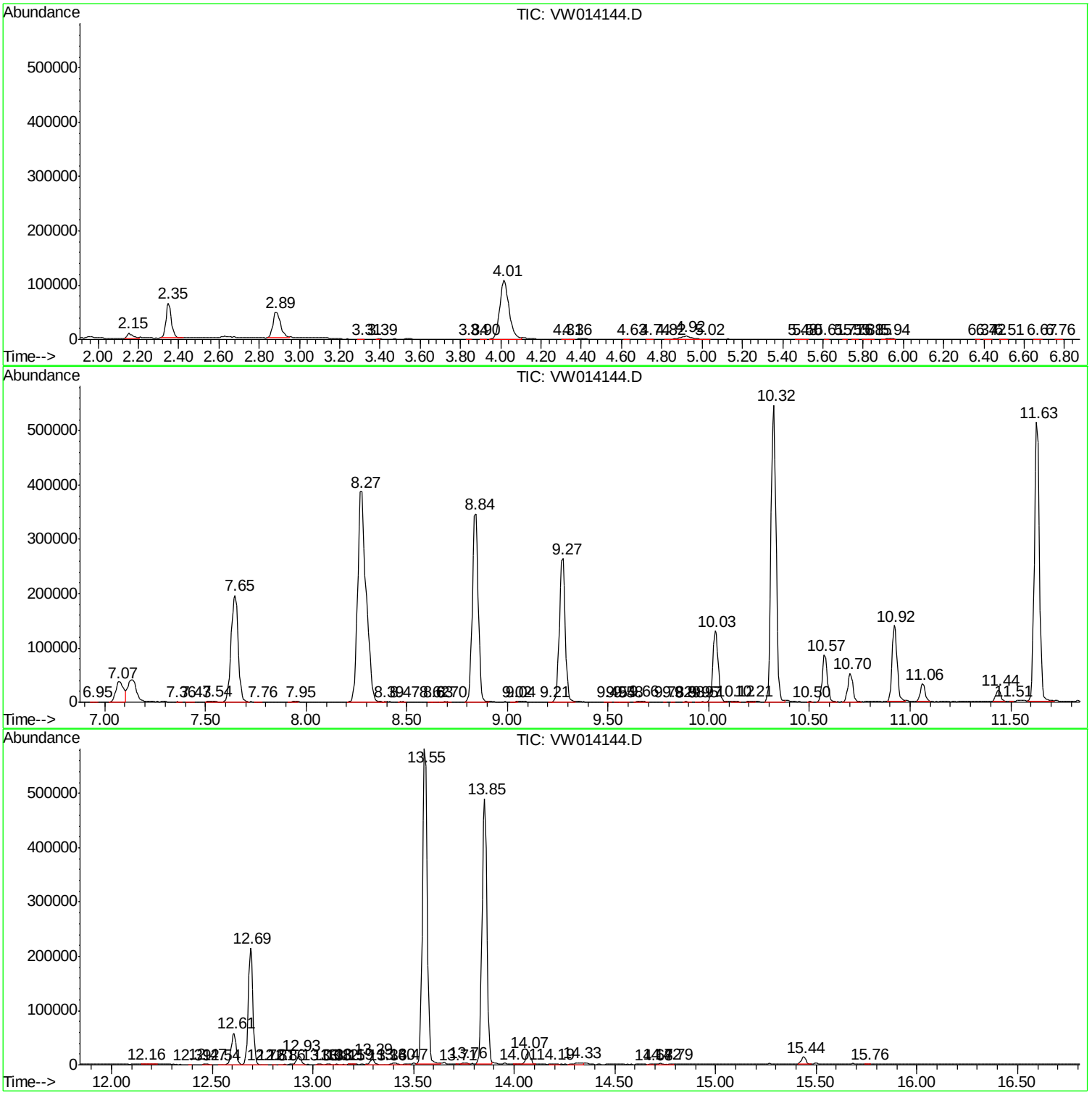
Operator : SY/VA
Sample : K6063-10
Misc : 6.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BN6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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\VW112619\
Data File : VW014144.D
Acq On : 26 Nov 2019 19:21
Operator : SY/VA
Sample : K6063-10
Misc : 6.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0BN6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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\VW112619\
Data File : VW014144.D
Acq On : 26 Nov 2019 19:21
Operator : SY/VA
Sample : K6063-10
Misc : 6.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BN6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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 |