LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
Data File : VY003602.D
Acq On : 24 Nov 2020 14:10
Operator : SY/MD
Sample : L4860-08
Misc : 4.55G/10ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** C0BC5

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_Y\METHODS\SOM2YLM111920S.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 | 2.249 | 79 | 84 | 92 | rBV | 58279 | 99065 | 12.60% | 1.855% |
| 2 | 2.774 | 162 | 170 | 183 | rVB | 39893 | 94779 | 12.06% | 1.774% |
| 3 | 3.170 | 233 | 235 | 237 | rBV3 | 403 | 395 | 0.05% | 0.007% |
| 4 | 3.304 | 255 | 257 | 259 | rBV2 | 293 | 290 | 0.04% | 0.005% |
| 5 | 3.334 | 259 | 262 | 264 | rVV | 374 | 390 | 0.05% | 0.007% |
| 6 | 3.359 | 264 | 266 | 268 | rVB2 | 341 | 254 | 0.03% | 0.005% |
| 7 | 3.499 | 288 | 289 | 292 | rBV2 | 370 | 362 | 0.05% | 0.007% |
| 8 | 3.645 | 311 | 313 | 314 | rBV2 | 297 | 198 | 0.03% | 0.004% |
| 9 | 3.688 | 319 | 320 | 322 | rBV3 | 293 | 194 | 0.02% | 0.004% |
| 10 | 3.712 | 322 | 324 | 326 | rVB | 362 | 303 | 0.04% | 0.006% |
| 11 | 3.853 | 337 | 347 | 364 | rBV | 107283 | 295029 | 37.53% | 5.524% |
| 12 | 4.042 | 375 | 378 | 383 | rBV3 | 329 | 687 | 0.09% | 0.013% |
| 13 | 4.206 | 403 | 405 | 406 | rBV2 | 255 | 230 | 0.03% | 0.004% |
| 14 | 4.267 | 412 | 415 | 418 | rBV3 | 238 | 319 | 0.04% | 0.006% |
| 15 | 4.334 | 423 | 426 | 427 | rBV | 173 | 188 | 0.02% | 0.004% |
| 16 | 4.353 | 427 | 429 | 432 | rBV2 | 235 | 316 | 0.04% | 0.006% |
| 17 | 4.395 | 432 | 436 | 438 | rVV4 | 242 | 325 | 0.04% | 0.006% |
| 18 | 4.718 | 478 | 489 | 504 | rBV2 | 15603 | 47704 | 6.07% | 0.893% |
| 19 | 4.926 | 521 | 523 | 524 | rBV | 380 | 193 | 0.02% | 0.004% |
| 20 | 5.041 | 541 | 542 | 544 | rBV2 | 358 | 260 | 0.03% | 0.005% |
| 21 | 5.090 | 547 | 550 | 551 | rVV2 | 228 | 193 | 0.02% | 0.004% |
| 22 | 5.176 | 561 | 564 | 565 | rBV2 | 163 | 185 | 0.02% | 0.003% |
| 23 | 5.237 | 573 | 574 | 577 | rBV2 | 275 | 314 | 0.04% | 0.006% |
| 24 | 5.365 | 594 | 595 | 599 | rBV3 | 322 | 296 | 0.04% | 0.006% |
| 25 | 5.468 | 609 | 612 | 613 | rBV3 | 251 | 264 | 0.03% | 0.005% |
| 26 | 5.560 | 626 | 627 | 630 | rBV2 | 274 | 245 | 0.03% | 0.005% |
| 27 | 5.749 | 650 | 658 | 665 | rBV5 | 2133 | 6235 | 0.79% | 0.117% |
| 28 | 5.828 | 668 | 671 | 673 | rBV2 | 272 | 275 | 0.03% | 0.005% |
| 29 | 5.889 | 678 | 681 | 683 | rBV2 | 282 | 349 | 0.04% | 0.007% |
| 30 | 6.066 | 708 | 710 | 712 | rVB2 | 239 | 194 | 0.02% | 0.004% |
| 31 | 6.102 | 712 | 716 | 717 | rBV2 | 265 | 294 | 0.04% | 0.006% |
| 32 | 6.188 | 729 | 730 | 733 | rBV2 | 274 | 204 | 0.03% | 0.004% |
| 33 | 6.383 | 759 | 762 | 764 | rBV3 | 244 | 281 | 0.04% | 0.005% |
| 34 | 6.425 | 766 | 769 | 770 | rVB2 | 258 | 256 | 0.03% | 0.005% |

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Sample : L4860-08
Misc : 4.55G/10ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** C0BC5

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_Y\METHODS\SOM2YLM111920S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.498 | 777 | 781 | 783 | rBV3 | 273 | 394 | 0.05% | 0.007% |
| 36 | 6.553 | 786 | 790 | 791 | rBV2 | 213 | 271 | 0.03% | 0.005% |
| 37 | 6.596 | 794 | 797 | 799 | rBV2 | 237 | 295 | 0.04% | 0.006% |
| 38 | 6.748 | 820 | 822 | 824 | rVB | 273 | 180 | 0.02% | 0.003% |
| 39 | 6.907 | 838 | 848 | 855 | rBV | 20534 | 61296 | 7.80% | 1.148% |
| 40 | 7.242 | 900 | 903 | 904 | rBV3 | 391 | 322 | 0.04% | 0.006% |
| 41 | 7.486 | 931 | 943 | 957 | rBV | 124359 | 313439 | 39.87% | 5.868% |
| 42 | 7.584 | 957 | 959 | 962 | rVV2 | 228 | 268 | 0.03% | 0.005% |
| 43 | 7.645 | 967 | 969 | 972 | rBV2 | 217 | 209 | 0.03% | 0.004% |
| 44 | 7.742 | 983 | 985 | 987 | rBV2 | 215 | 272 | 0.03% | 0.005% |
| 45 | 7.791 | 991 | 993 | 994 | rVV2 | 204 | 184 | 0.02% | 0.003% |
| 46 | 7.809 | 994 | 996 | 997 | rVV2 | 386 | 282 | 0.04% | 0.005% |
| 47 | 7.834 | 997 | 1000 | 1003 | rVV2 | 206 | 325 | 0.04% | 0.006% |
| 48 | 7.864 | 1003 | 1005 | 1008 | rVB3 | 208 | 176 | 0.02% | 0.003% |
| 49 | 7.949 | 1016 | 1019 | 1021 | rBV2 | 311 | 239 | 0.03% | 0.004% |
| 50 | 7.980 | 1021 | 1024 | 1025 | rBV3 | 274 | 247 | 0.03% | 0.005% |
| 51 | 8.114 | 1036 | 1046 | 1063 | rBV2 | 264352 | 786093 | 100.00% | 14.717% |
| 52 | 8.321 | 1079 | 1080 | 1082 | rBV2 | 430 | 255 | 0.03% | 0.005% |
| 53 | 8.462 | 1101 | 1103 | 1104 | rBV | 473 | 220 | 0.03% | 0.004% |
| 54 | 8.486 | 1104 | 1107 | 1108 | rVB2 | 401 | 396 | 0.05% | 0.007% |
| 55 | 8.693 | 1132 | 1141 | 1154 | rVV | 243265 | 467327 | 59.45% | 8.749% |
| 56 | 8.955 | 1182 | 1184 | 1186 | rVB | 278 | 245 | 0.03% | 0.005% |
| 57 | 9.047 | 1196 | 1199 | 1202 | rBV3 | 182 | 242 | 0.03% | 0.005% |
| 58 | 9.120 | 1202 | 1211 | 1223 | rBV | 166581 | 344051 | 43.77% | 6.441% |
| 59 | 9.303 | 1239 | 1241 | 1243 | rBV2 | 282 | 309 | 0.04% | 0.006% |
| 60 | 9.346 | 1246 | 1248 | 1250 | rVB2 | 242 | 215 | 0.03% | 0.004% |
| 61 | 9.467 | 1265 | 1268 | 1269 | rBV2 | 286 | 275 | 0.03% | 0.005% |
| 62 | 9.589 | 1286 | 1288 | 1291 | rBV3 | 197 | 224 | 0.03% | 0.004% |
| 63 | 9.687 | 1300 | 1304 | 1305 | rBV2 | 242 | 313 | 0.04% | 0.006% |
| 64 | 9.833 | 1325 | 1328 | 1329 | rVB2 | 326 | 263 | 0.03% | 0.005% |
| 65 | 9.888 | 1331 | 1337 | 1345 | rVV | 104790 | 180736 | 22.99% | 3.384% |
| 66 | 10.077 | 1362 | 1368 | 1372 | rBV4 | 762 | 1190 | 0.15% | 0.022% |
| 67 | 10.120 | 1374 | 1375 | 1377 | rVB2 | 521 | 226 | 0.03% | 0.004% |
| 68 | 10.181 | 1377 | 1385 | 1394 | rBV | 378176 | 645396 | 82.10% | 12.083% |
| 69 | 10.437 | 1419 | 1427 | 1436 | rVB | 73429 | 119382 | 15.19% | 2.235% |
| 70 | 10.504 | 1436 | 1438 | 1439 | rBV | 356 | 265 | 0.03% | 0.005% |
| 71 | 10.577 | 1445 | 1450 | 1456 | rBV2 | 8008 | 13998 | 1.78% | 0.262% |

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Operator : SY/MD
Sample : L4860-08
Misc : 4.55G/10ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** C0BC5

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_Y\METHODS\SOM2YLM111920S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.790 | 1478 | 1485 | 1494 | rBV | 89326 | 143910 | 18.31% | 2.694% |
| 73 | 10.949 | 1504 | 1511 | 1519 | rBV | 19503 | 33502 | 4.26% | 0.627% |
| 74 | 11.034 | 1523 | 1525 | 1527 | rBV2 | 339 | 302 | 0.04% | 0.006% |
| 75 | 11.181 | 1547 | 1549 | 1550 | rBV2 | 223 | 201 | 0.03% | 0.004% |
| 76 | 11.315 | 1566 | 1571 | 1578 | rVB2 | 3620 | 5997 | 0.76% | 0.112% |
| 77 | 11.492 | 1592 | 1600 | 1611 | rBV | 333062 | 551985 | 70.22% | 10.334% |
| 78 | 11.705 | 1632 | 1635 | 1638 | rVB2 | 676 | 672 | 0.09% | 0.013% |
| 79 | 11.772 | 1644 | 1646 | 1647 | rBV | 279 | 210 | 0.03% | 0.004% |
| 80 | 11.821 | 1652 | 1654 | 1655 | rVB | 347 | 185 | 0.02% | 0.003% |
| 81 | 11.863 | 1660 | 1661 | 1663 | rVV2 | 330 | 282 | 0.04% | 0.005% |
| 82 | 11.900 | 1665 | 1667 | 1670 | rVB2 | 325 | 309 | 0.04% | 0.006% |
| 83 | 11.998 | 1681 | 1683 | 1685 | rVB | 581 | 415 | 0.05% | 0.008% |
| 84 | 12.327 | 1735 | 1737 | 1741 | rBV2 | 379 | 556 | 0.07% | 0.010% |
| 85 | 12.369 | 1743 | 1744 | 1745 | rVB | 477 | 181 | 0.02% | 0.003% |
| 86 | 12.491 | 1755 | 1764 | 1768 | rBV4 | 9672 | 18055 | 2.30% | 0.338% |
| 87 | 12.558 | 1768 | 1775 | 1783 | rVB | 110814 | 184269 | 23.44% | 3.450% |
| 88 | 12.656 | 1789 | 1791 | 1793 | rVB2 | 490 | 371 | 0.05% | 0.007% |
| 89 | 12.680 | 1793 | 1795 | 1797 | rBV2 | 380 | 369 | 0.05% | 0.007% |
| 90 | 12.821 | 1812 | 1818 | 1825 | rBV5 | 3074 | 5831 | 0.74% | 0.109% |
| 91 | 12.875 | 1825 | 1827 | 1831 | rVB | 476 | 408 | 0.05% | 0.008% |
| 92 | 12.967 | 1838 | 1842 | 1843 | rBV2 | 336 | 301 | 0.04% | 0.006% |
| 93 | 13.064 | 1854 | 1858 | 1863 | rVB4 | 1619 | 2795 | 0.36% | 0.052% |
| 94 | 13.180 | 1873 | 1877 | 1884 | rVB4 | 2418 | 4143 | 0.53% | 0.078% |
| 95 | 13.284 | 1888 | 1894 | 1898 | rVV3 | 3295 | 4977 | 0.63% | 0.093% |
| 96 | 13.424 | 1910 | 1917 | 1923 | rBV | 308445 | 477142 | 60.70% | 8.933% |
| 97 | 13.637 | 1950 | 1952 | 1956 | rVB | 1533 | 1425 | 0.18% | 0.027% |
| 98 | 13.717 | 1959 | 1965 | 1973 | rVV | 251741 | 402891 | 51.25% | 7.543% |
| 99 | 13.900 | 1992 | 1995 | 1996 | rBV2 | 571 | 501 | 0.06% | 0.009% |
| 100 | 13.967 | 2000 | 2006 | 2013 | rVB3 | 4491 | 8002 | 1.02% | 0.150% |

Sum of corrected areas: 5341273

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112420\
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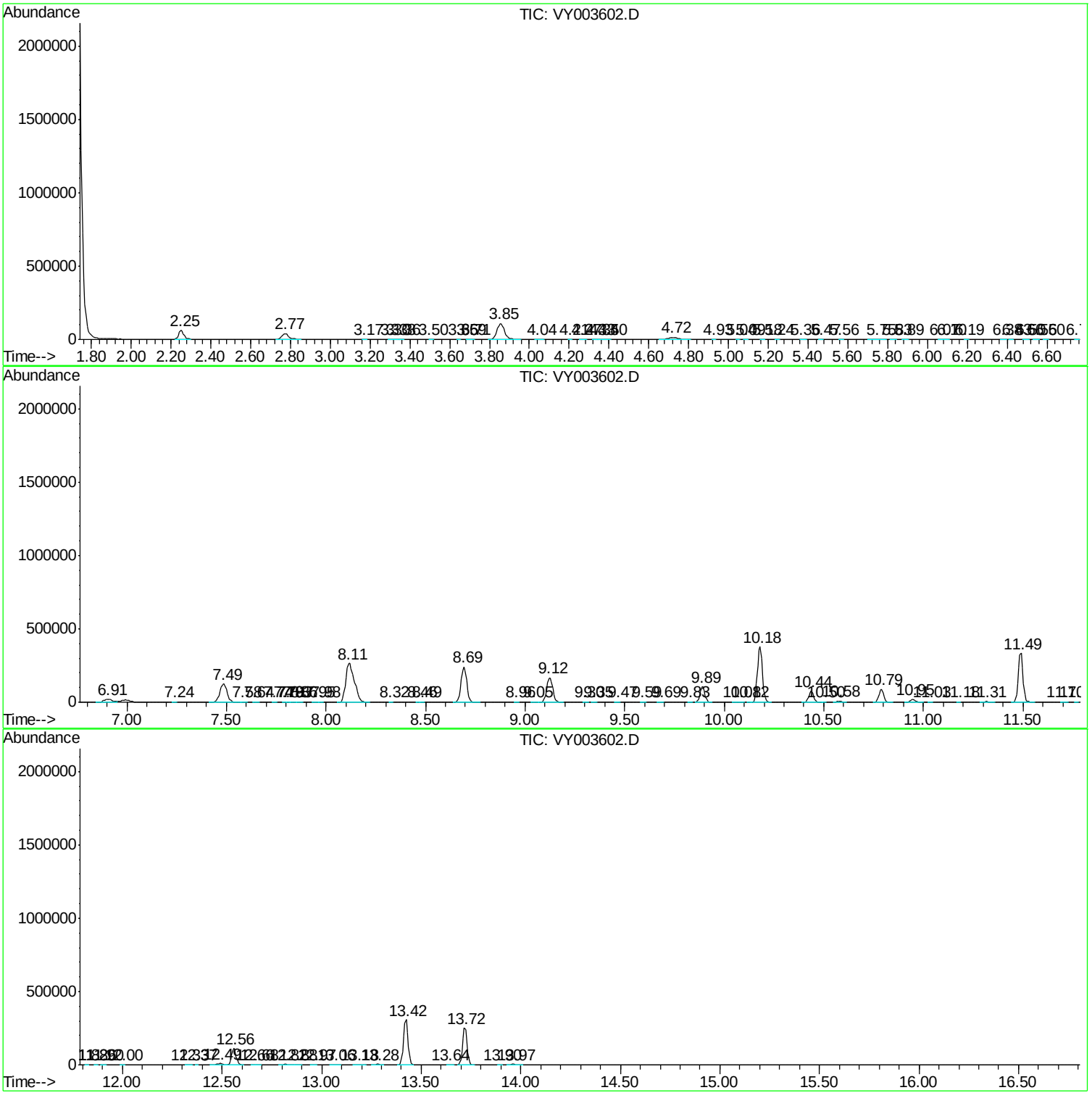
Sample : L4860-08
Misc : 4.55G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** C0BC5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.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_Y\DATA\VY112420\
Data File : VY003602.D
Acq On : 24 Nov 2020 14:10
Operator : SY/MD
Sample : L4860-08
Misc : 4.55G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
C0BC5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.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_Y\DATA\VY112420\
Data File : VY003602.D
Acq On : 24 Nov 2020 14:10
Operator : SY/MD
Sample : L4860-08
Misc : 4.55G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** C0BC5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.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 |