LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
Data File : VW006888.D
Acq On : 15 Nov 2018 01:09
Operator : SY/AP
Sample : J5944-07
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** ETHS5

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\SOM2WLM111418S.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 | 2.349 | 67 | 73 | 83 | rVB | 42697 | 67828 | 10.35% | 1.315% |
| 2 | 2.885 | 154 | 161 | 170 | rVB | 31002 | 59080 | 9.01% | 1.146% |
| 3 | 3.123 | 198 | 200 | 202 | rBV | 255 | 264 | 0.04% | 0.005% |
| 4 | 3.276 | 221 | 225 | 229 | rVB4 | 887 | 1273 | 0.19% | 0.025% |
| 5 | 3.940 | 332 | 334 | 336 | rVB | 335 | 249 | 0.04% | 0.005% |
| 6 | 4.019 | 336 | 347 | 360 | rBV2 | 79559 | 211993 | 32.34% | 4.111% |
| 7 | 4.135 | 362 | 366 | 367 | rBV | 1770 | 1879 | 0.29% | 0.036% |
| 8 | 4.275 | 388 | 389 | 391 | rBV2 | 197 | 147 | 0.02% | 0.003% |
| 9 | 4.550 | 432 | 434 | 437 | rVB2 | 385 | 303 | 0.05% | 0.006% |
| 10 | 4.788 | 471 | 473 | 474 | rBV | 188 | 161 | 0.02% | 0.003% |
| 11 | 4.800 | 474 | 475 | 476 | rVV | 324 | 146 | 0.02% | 0.003% |
| 12 | 4.824 | 476 | 479 | 480 | rVV | 180 | 156 | 0.02% | 0.003% |
| 13 | 4.842 | 480 | 482 | 483 | rVV | 209 | 178 | 0.03% | 0.003% |
| 14 | 4.922 | 485 | 495 | 506 | rVB2 | 7995 | 25399 | 3.87% | 0.493% |
| 15 | 5.434 | 577 | 579 | 582 | rVB2 | 363 | 382 | 0.06% | 0.007% |
| 16 | 5.483 | 585 | 587 | 590 | rBV | 220 | 230 | 0.04% | 0.004% |
| 17 | 5.690 | 619 | 621 | 623 | rBV | 269 | 267 | 0.04% | 0.005% |
| 18 | 5.708 | 623 | 624 | 626 | rVV | 280 | 191 | 0.03% | 0.004% |
| 19 | 5.952 | 657 | 664 | 675 | rVB3 | 1595 | 4130 | 0.63% | 0.080% |
| 20 | 6.208 | 703 | 706 | 709 | rBV2 | 136 | 180 | 0.03% | 0.003% |
| 21 | 6.476 | 746 | 750 | 752 | rBV | 195 | 274 | 0.04% | 0.005% |
| 22 | 6.495 | 752 | 753 | 756 | rVB | 176 | 116 | 0.02% | 0.002% |
| 23 | 6.519 | 756 | 757 | 760 | rVB | 188 | 180 | 0.03% | 0.003% |
| 24 | 6.549 | 760 | 762 | 764 | rBV | 172 | 134 | 0.02% | 0.003% |
| 25 | 6.610 | 771 | 772 | 774 | rBV | 173 | 154 | 0.02% | 0.003% |
| 26 | 6.653 | 777 | 779 | 782 | rBV | 147 | 182 | 0.03% | 0.004% |
| 27 | 6.751 | 793 | 795 | 796 | rBV | 178 | 166 | 0.03% | 0.003% |
| 28 | 6.848 | 808 | 811 | 813 | rBV2 | 183 | 227 | 0.03% | 0.004% |
| 29 | 6.982 | 830 | 833 | 835 | rBV3 | 290 | 348 | 0.05% | 0.007% |
| 30 | 7.086 | 839 | 850 | 854 | rBV | 21392 | 55232 | 8.43% | 1.071% |
| 31 | 7.366 | 894 | 896 | 899 | rBV2 | 249 | 296 | 0.05% | 0.006% |
| 32 | 7.488 | 914 | 916 | 917 | rBV | 257 | 218 | 0.03% | 0.004% |
| 33 | 7.653 | 932 | 943 | 957 | rBV | 96296 | 253657 | 38.70% | 4.919% |
| 34 | 7.982 | 994 | 997 | 998 | rBV | 168 | 173 | 0.03% | 0.003% |

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Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** ETHS5

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\SOM2WLM111418S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 8.025 | 1002 | 1004 | 1006 | rVB | 204 | 154 | 0.02% | 0.003% |
| 36 | 8.049 | 1006 | 1008 | 1010 | rBV | 186 | 161 | 0.02% | 0.003% |
| 37 | 8.098 | 1014 | 1016 | 1021 | rBV | 96 | 158 | 0.02% | 0.003% |
| 38 | 8.153 | 1024 | 1025 | 1028 | rVB | 140 | 140 | 0.02% | 0.003% |
| 39 | 8.281 | 1031 | 1046 | 1060 | rBV2 | 215559 | 655478 | 100.00% | 12.711% |
| 40 | 8.543 | 1087 | 1089 | 1090 | rBV | 232 | 144 | 0.02% | 0.003% |
| 41 | 8.622 | 1099 | 1102 | 1111 | rBV3 | 373 | 721 | 0.11% | 0.014% |
| 42 | 8.756 | 1121 | 1124 | 1125 | rBV2 | 141 | 119 | 0.02% | 0.002% |
| 43 | 8.848 | 1130 | 1139 | 1148 | rBV | 211069 | 421002 | 64.23% | 8.164% |
| 44 | 8.982 | 1159 | 1161 | 1164 | rVB2 | 237 | 227 | 0.03% | 0.004% |
| 45 | 9.043 | 1167 | 1171 | 1172 | rBV2 | 1600 | 2398 | 0.37% | 0.047% |
| 46 | 9.092 | 1173 | 1179 | 1187 | rVB | 29914 | 62520 | 9.54% | 1.212% |
| 47 | 9.275 | 1201 | 1209 | 1219 | rBV | 137565 | 279903 | 42.70% | 5.428% |
| 48 | 9.415 | 1230 | 1232 | 1234 | rVB | 243 | 189 | 0.03% | 0.004% |
| 49 | 9.439 | 1234 | 1236 | 1238 | rBV | 240 | 169 | 0.03% | 0.003% |
| 50 | 9.506 | 1243 | 1247 | 1258 | rVB3 | 1368 | 2936 | 0.45% | 0.057% |
| 51 | 9.604 | 1262 | 1263 | 1266 | rVV | 128 | 134 | 0.02% | 0.003% |
| 52 | 9.659 | 1266 | 1272 | 1278 | rVB5 | 714 | 1703 | 0.26% | 0.033% |
| 53 | 9.756 | 1284 | 1288 | 1294 | rBV2 | 705 | 1492 | 0.23% | 0.029% |
| 54 | 9.890 | 1305 | 1310 | 1317 | rVB4 | 1725 | 3655 | 0.56% | 0.071% |
| 55 | 9.976 | 1318 | 1324 | 1326 | rVV2 | 425 | 712 | 0.11% | 0.014% |
| 56 | 10.037 | 1326 | 1334 | 1344 | rVV | 79723 | 142776 | 21.78% | 2.769% |
| 57 | 10.122 | 1344 | 1348 | 1353 | rVB5 | 418 | 716 | 0.11% | 0.014% |
| 58 | 10.219 | 1359 | 1364 | 1366 | rBV3 | 1093 | 1558 | 0.24% | 0.030% |
| 59 | 10.244 | 1366 | 1368 | 1374 | rVB4 | 1184 | 1880 | 0.29% | 0.036% |
| 60 | 10.329 | 1374 | 1382 | 1389 | rBV | 325026 | 584627 | 89.19% | 11.337% |
| 61 | 10.579 | 1416 | 1423 | 1436 | rVB | 53150 | 89063 | 13.59% | 1.727% |
| 62 | 10.713 | 1438 | 1445 | 1451 | rBV | 31560 | 82571 | 12.60% | 1.601% |
| 63 | 10.927 | 1474 | 1480 | 1493 | rVB | 91896 | 148469 | 22.65% | 2.879% |
| 64 | 11.067 | 1498 | 1503 | 1512 | rBV2 | 20718 | 34195 | 5.22% | 0.663% |
| 65 | 11.189 | 1518 | 1523 | 1526 | rBV6 | 991 | 2186 | 0.33% | 0.042% |
| 66 | 11.445 | 1560 | 1565 | 1571 | rVB | 23097 | 37168 | 5.67% | 0.721% |
| 67 | 11.634 | 1589 | 1596 | 1605 | rBV | 324958 | 543321 | 82.89% | 10.536% |
| 68 | 12.408 | 1721 | 1723 | 1725 | rVB2 | 254 | 184 | 0.03% | 0.004% |
| 69 | 12.463 | 1730 | 1732 | 1738 | rBV3 | 396 | 553 | 0.08% | 0.011% |
| 70 | 12.518 | 1738 | 1741 | 1745 | rVB3 | 386 | 624 | 0.10% | 0.012% |
| 71 | 12.554 | 1745 | 1747 | 1749 | rBV | 211 | 259 | 0.04% | 0.005% |

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Sample : J5944-07
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** ETHS5

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\SOM2WLM111418S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.615 | 1750 | 1757 | 1764 | rBV2 | 29018 | 48053 | 7.33% | 0.932% |
| 73 | 12.695 | 1764 | 1770 | 1778 | rVB | 120784 | 193820 | 29.57% | 3.759% |
| 74 | 12.804 | 1784 | 1788 | 1792 | rBV2 | 500 | 755 | 0.12% | 0.015% |
| 75 | 12.908 | 1801 | 1805 | 1806 | rBV2 | 659 | 894 | 0.14% | 0.017% |
| 76 | 12.939 | 1806 | 1810 | 1822 | rVB | 8800 | 13815 | 2.11% | 0.268% |
| 77 | 13.042 | 1822 | 1827 | 1831 | rBV3 | 605 | 978 | 0.15% | 0.019% |
| 78 | 13.085 | 1831 | 1834 | 1837 | rVV3 | 423 | 573 | 0.09% | 0.011% |
| 79 | 13.121 | 1837 | 1840 | 1843 | rVB3 | 508 | 488 | 0.07% | 0.009% |
| 80 | 13.201 | 1848 | 1853 | 1857 | rBV4 | 854 | 1440 | 0.22% | 0.028% |
| 81 | 13.256 | 1857 | 1862 | 1865 | rVV2 | 1932 | 2654 | 0.40% | 0.051% |
| 82 | 13.304 | 1866 | 1870 | 1876 | rVB2 | 4351 | 6261 | 0.96% | 0.121% |
| 83 | 13.414 | 1882 | 1888 | 1894 | rBV3 | 2258 | 3969 | 0.61% | 0.077% |
| 84 | 13.481 | 1896 | 1899 | 1900 | rBV3 | 449 | 497 | 0.08% | 0.010% |
| 85 | 13.560 | 1906 | 1912 | 1920 | rBV | 328066 | 531084 | 81.02% | 10.299% |
| 86 | 13.774 | 1942 | 1947 | 1949 | rBV3 | 1829 | 2869 | 0.44% | 0.056% |
| 87 | 13.859 | 1954 | 1961 | 1968 | rVV | 303815 | 495264 | 75.56% | 9.604% |
| 88 | 13.908 | 1968 | 1969 | 1974 | rVB3 | 1439 | 1567 | 0.24% | 0.030% |
| 89 | 13.993 | 1982 | 1983 | 1984 | rBV | 264 | 114 | 0.02% | 0.002% |
| 90 | 14.030 | 1985 | 1989 | 1990 | rVV3 | 624 | 865 | 0.13% | 0.017% |
| 91 | 14.079 | 1993 | 1997 | 2003 | rVB | 9551 | 15320 | 2.34% | 0.297% |
| 92 | 14.207 | 2015 | 2018 | 2024 | rVB2 | 634 | 902 | 0.14% | 0.017% |
| 93 | 14.341 | 2032 | 2040 | 2044 | rBV2 | 16245 | 28626 | 4.37% | 0.555% |
| 94 | 14.499 | 2064 | 2066 | 2068 | rBV2 | 378 | 333 | 0.05% | 0.006% |
| 95 | 14.524 | 2068 | 2070 | 2075 | rVB2 | 636 | 918 | 0.14% | 0.018% |
| 96 | 14.731 | 2101 | 2104 | 2108 | rVB3 | 1152 | 1574 | 0.24% | 0.031% |
| 97 | 15.139 | 2169 | 2171 | 2175 | rBV3 | 391 | 520 | 0.08% | 0.010% |
| 98 | 15.450 | 2218 | 2222 | 2226 | rVB3 | 3651 | 5345 | 0.82% | 0.104% |
| 99 | 15.505 | 2227 | 2231 | 2237 | rBV | 4316 | 6846 | 1.04% | 0.133% |
| 100 | 16.505 | 2394 | 2395 | 2396 | rBV | 459 | 183 | 0.03% | 0.004% |

Sum of corrected areas: 5156585

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111418\
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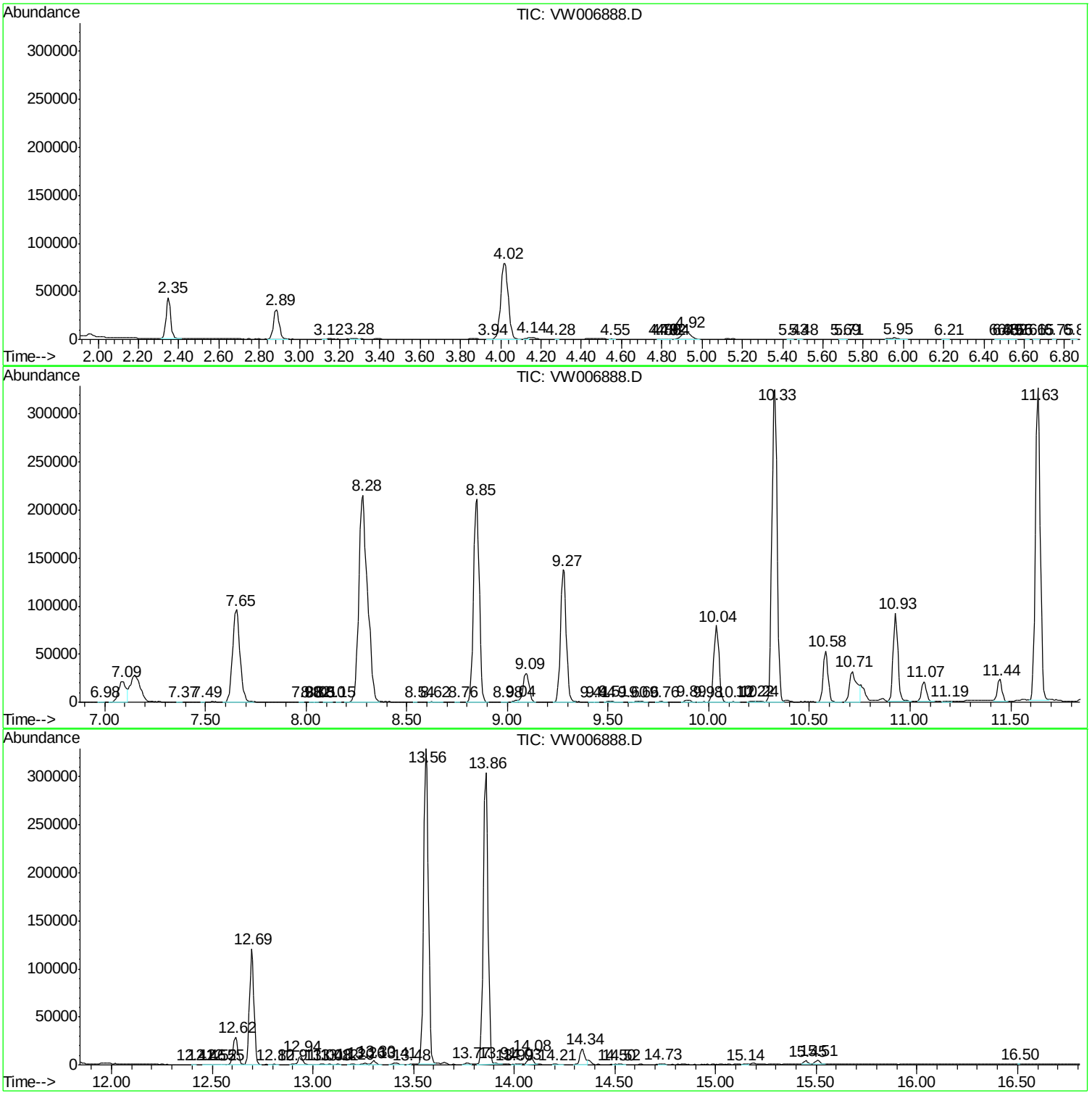
Sample : J5944-07
Misc : 5.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** ETHS5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.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\VW111418\
Data File : VW006888.D
Acq On : 15 Nov 2018 01:09
Operator : SY/AP
Sample : J5944-07
Misc : 5.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
ETHS5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.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\VW111418\
Data File : VW006888.D
Acq On : 15 Nov 2018 01:09
Operator : SY/AP
Sample : J5944-07
Misc : 5.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** ETHS5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.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 |