LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100218\
Data File : VW005785.D
Acq On : 02 Oct 2018 18:56
Operator : SY/AP
Sample : J5180-14RE
Misc : 3.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** JLC23RE

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\SOM2WLM092818S.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 | 2.355 | 68 | 74 | 85 | rVB | 22427 | 45643 | 9.36% | 1.200% |
| 2 | 2.891 | 156 | 162 | 172 | rBV | 17203 | 41985 | 8.61% | 1.104% |
| 3 | 4.007 | 335 | 345 | 359 | rBV2 | 45279 | 131919 | 27.05% | 3.468% |
| 4 | 4.391 | 403 | 408 | 410 | rBV4 | 565 | 840 | 0.17% | 0.022% |
| 5 | 4.598 | 438 | 442 | 443 | rBV3 | 569 | 838 | 0.17% | 0.022% |
| 6 | 4.787 | 471 | 473 | 474 | rBV2 | 255 | 210 | 0.04% | 0.006% |
| 7 | 4.915 | 482 | 494 | 506 | rBV2 | 12063 | 41563 | 8.52% | 1.093% |
| 8 | 5.263 | 548 | 551 | 553 | rBV3 | 255 | 250 | 0.05% | 0.007% |
| 9 | 5.336 | 561 | 563 | 565 | rVB | 258 | 242 | 0.05% | 0.006% |
| 10 | 5.367 | 565 | 568 | 569 | rBV2 | 253 | 264 | 0.05% | 0.007% |
| 11 | 5.745 | 626 | 630 | 631 | rBV2 | 280 | 309 | 0.06% | 0.008% |
| 12 | 5.940 | 653 | 662 | 671 | rVB5 | 5035 | 14806 | 3.04% | 0.389% |
| 13 | 6.068 | 681 | 683 | 685 | rVV3 | 251 | 206 | 0.04% | 0.005% |
| 14 | 6.110 | 688 | 690 | 694 | rBV2 | 196 | 218 | 0.04% | 0.006% |
| 15 | 6.141 | 694 | 695 | 698 | rVB2 | 239 | 206 | 0.04% | 0.005% |
| 16 | 6.348 | 727 | 729 | 732 | rVB | 173 | 181 | 0.04% | 0.005% |
| 17 | 6.403 | 737 | 738 | 740 | rBV2 | 273 | 183 | 0.04% | 0.005% |
| 18 | 6.433 | 740 | 743 | 747 | rVB2 | 279 | 477 | 0.10% | 0.013% |
| 19 | 6.464 | 747 | 748 | 750 | rBV | 232 | 176 | 0.04% | 0.005% |
| 20 | 6.817 | 804 | 806 | 807 | rBV2 | 221 | 156 | 0.03% | 0.004% |
| 21 | 6.866 | 812 | 814 | 817 | rBV2 | 240 | 231 | 0.05% | 0.006% |
| 22 | 6.970 | 829 | 831 | 834 | rVB | 181 | 151 | 0.03% | 0.004% |
| 23 | 7.086 | 840 | 850 | 855 | rBV2 | 16886 | 47329 | 9.70% | 1.244% |
| 24 | 7.330 | 888 | 890 | 892 | rBV | 325 | 242 | 0.05% | 0.006% |
| 25 | 7.482 | 913 | 915 | 918 | rVB | 184 | 149 | 0.03% | 0.004% |
| 26 | 7.647 | 933 | 942 | 955 | rVB | 86730 | 214623 | 44.00% | 5.643% |
| 27 | 7.921 | 985 | 987 | 990 | rBB2 | 220 | 266 | 0.05% | 0.007% |
| 28 | 7.988 | 996 | 998 | 1002 | rBV2 | 217 | 312 | 0.06% | 0.008% |
| 29 | 8.055 | 1008 | 1009 | 1014 | rVB2 | 194 | 208 | 0.04% | 0.005% |
| 30 | 8.098 | 1014 | 1016 | 1020 | rBV2 | 252 | 302 | 0.06% | 0.008% |
| 31 | 8.183 | 1028 | 1030 | 1034 | rVB2 | 342 | 377 | 0.08% | 0.010% |
| 32 | 8.281 | 1034 | 1046 | 1063 | rBV2 | 147359 | 471959 | 96.76% | 12.409% |
| 33 | 8.543 | 1086 | 1089 | 1092 | rBV2 | 288 | 388 | 0.08% | 0.010% |
| 34 | 8.567 | 1092 | 1093 | 1095 | rVV | 201 | 161 | 0.03% | 0.004% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100218\
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Acq On : 02 Oct 2018 18:56
Operator : SY/AP
Sample : J5180-14RE
Misc : 3.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** JLC23RE

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\SOM2WLM092818S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 8.646 | 1104 | 1106 | 1109 | rVV2 | 208 | 292 | 0.06% | 0.008% |
| 36 | 8.848 | 1130 | 1139 | 1148 | rBV | 178161 | 359831 | 73.77% | 9.461% |
| 37 | 8.951 | 1154 | 1156 | 1158 | rBV | 391 | 310 | 0.06% | 0.008% |
| 38 | 9.037 | 1169 | 1170 | 1171 | rBV | 480 | 280 | 0.06% | 0.007% |
| 39 | 9.122 | 1181 | 1184 | 1185 | rBV2 | 148 | 164 | 0.03% | 0.004% |
| 40 | 9.280 | 1200 | 1210 | 1219 | rBV | 112290 | 227342 | 46.61% | 5.977% |
| 41 | 9.433 | 1233 | 1235 | 1236 | rBV | 227 | 159 | 0.03% | 0.004% |
| 42 | 9.476 | 1239 | 1242 | 1245 | rVB | 308 | 329 | 0.07% | 0.009% |
| 43 | 9.598 | 1260 | 1262 | 1263 | rBV | 270 | 165 | 0.03% | 0.004% |
| 44 | 9.622 | 1263 | 1266 | 1267 | rVV | 262 | 212 | 0.04% | 0.006% |
| 45 | 9.658 | 1269 | 1272 | 1277 | rVV3 | 500 | 712 | 0.15% | 0.019% |
| 46 | 9.762 | 1284 | 1289 | 1294 | rBV3 | 1601 | 2915 | 0.60% | 0.077% |
| 47 | 9.829 | 1298 | 1300 | 1303 | rBV | 239 | 253 | 0.05% | 0.007% |
| 48 | 9.896 | 1305 | 1311 | 1318 | rVB3 | 4772 | 9381 | 1.92% | 0.247% |
| 49 | 9.988 | 1324 | 1326 | 1327 | rBV | 276 | 199 | 0.04% | 0.005% |
| 50 | 10.036 | 1327 | 1334 | 1344 | rVB | 58773 | 102913 | 21.10% | 2.706% |
| 51 | 10.116 | 1346 | 1347 | 1348 | rBV | 310 | 186 | 0.04% | 0.005% |
| 52 | 10.250 | 1366 | 1369 | 1374 | rVB3 | 1596 | 2796 | 0.57% | 0.074% |
| 53 | 10.329 | 1374 | 1382 | 1390 | rBV | 203065 | 361703 | 74.16% | 9.510% |
| 54 | 10.579 | 1417 | 1423 | 1433 | rBV | 40720 | 72182 | 14.80% | 1.898% |
| 55 | 10.713 | 1439 | 1445 | 1451 | rBV2 | 12196 | 22606 | 4.63% | 0.594% |
| 56 | 10.927 | 1473 | 1480 | 1493 | rBV | 69456 | 122086 | 25.03% | 3.210% |
| 57 | 11.067 | 1498 | 1503 | 1510 | rVV2 | 20046 | 32638 | 6.69% | 0.858% |
| 58 | 11.183 | 1514 | 1522 | 1525 | rBV4 | 1230 | 1960 | 0.40% | 0.052% |
| 59 | 11.402 | 1555 | 1558 | 1559 | rBV2 | 277 | 227 | 0.05% | 0.006% |
| 60 | 11.445 | 1559 | 1565 | 1572 | rVB2 | 7468 | 12390 | 2.54% | 0.326% |
| 61 | 11.634 | 1589 | 1596 | 1606 | rBV | 286677 | 487759 | 100.00% | 12.824% |
| 62 | 11.743 | 1611 | 1614 | 1616 | rBV3 | 317 | 330 | 0.07% | 0.009% |
| 63 | 11.841 | 1627 | 1630 | 1635 | rVB3 | 370 | 542 | 0.11% | 0.014% |
| 64 | 11.932 | 1644 | 1645 | 1648 | rBV2 | 275 | 227 | 0.05% | 0.006% |
| 65 | 12.036 | 1659 | 1662 | 1664 | rVB | 428 | 391 | 0.08% | 0.010% |
| 66 | 12.079 | 1666 | 1669 | 1671 | rBV | 360 | 326 | 0.07% | 0.009% |
| 67 | 12.188 | 1684 | 1687 | 1689 | rVB2 | 569 | 593 | 0.12% | 0.016% |
| 68 | 12.371 | 1716 | 1717 | 1719 | rBV2 | 278 | 176 | 0.04% | 0.005% |
| 69 | 12.396 | 1719 | 1721 | 1722 | rBV | 238 | 152 | 0.03% | 0.004% |
| 70 | 12.475 | 1731 | 1734 | 1737 | rVB2 | 505 | 521 | 0.11% | 0.014% |
| 71 | 12.506 | 1737 | 1739 | 1741 | rVB | 240 | 185 | 0.04% | 0.005% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100218\
Data File : VW005785.D
Acq On : 02 Oct 2018 18:56
Operator : SY/AP
Sample : J5180-14RE
Misc : 3.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** JLC23RE

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\SOM2WLM092818S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.573 | 1748 | 1750 | 1751 | rBV2 | 210 | 156 | 0.03% | 0.004% |
| 73 | 12.615 | 1751 | 1757 | 1764 | rBV | 22902 | 34843 | 7.14% | 0.916% |
| 74 | 12.695 | 1764 | 1770 | 1779 | rVB | 115971 | 188737 | 38.69% | 4.962% |
| 75 | 12.762 | 1779 | 1781 | 1785 | rBV2 | 861 | 1124 | 0.23% | 0.030% |
| 76 | 12.859 | 1794 | 1797 | 1798 | rBV | 368 | 316 | 0.06% | 0.008% |
| 77 | 12.938 | 1806 | 1810 | 1816 | rVB3 | 5908 | 8960 | 1.84% | 0.236% |
| 78 | 13.091 | 1832 | 1835 | 1837 | rVB | 623 | 552 | 0.11% | 0.015% |
| 79 | 13.115 | 1837 | 1839 | 1842 | rBV2 | 238 | 317 | 0.06% | 0.008% |
| 80 | 13.207 | 1851 | 1854 | 1859 | rVB3 | 768 | 1234 | 0.25% | 0.032% |
| 81 | 13.255 | 1859 | 1862 | 1865 | rVV3 | 435 | 693 | 0.14% | 0.018% |
| 82 | 13.304 | 1865 | 1870 | 1878 | rVB | 4884 | 7964 | 1.63% | 0.209% |
| 83 | 13.414 | 1883 | 1888 | 1892 | rBV3 | 1348 | 2276 | 0.47% | 0.060% |
| 84 | 13.481 | 1895 | 1899 | 1904 | rBV5 | 1318 | 1971 | 0.40% | 0.052% |
| 85 | 13.566 | 1906 | 1913 | 1924 | rVB | 227951 | 365853 | 75.01% | 9.619% |
| 86 | 13.713 | 1935 | 1937 | 1939 | rVB | 336 | 234 | 0.05% | 0.006% |
| 87 | 13.731 | 1939 | 1940 | 1942 | rBV2 | 252 | 184 | 0.04% | 0.005% |
| 88 | 13.767 | 1942 | 1946 | 1952 | rBV5 | 1390 | 2932 | 0.60% | 0.077% |
| 89 | 13.859 | 1955 | 1961 | 1968 | rBV | 189105 | 308860 | 63.32% | 8.121% |
| 90 | 14.024 | 1986 | 1988 | 1989 | rBV3 | 457 | 485 | 0.10% | 0.013% |
| 91 | 14.078 | 1993 | 1997 | 2007 | rVB2 | 8983 | 14751 | 3.02% | 0.388% |
| 92 | 14.182 | 2012 | 2014 | 2015 | rBV2 | 289 | 224 | 0.05% | 0.006% |
| 93 | 14.341 | 2033 | 2040 | 2043 | rBV8 | 2201 | 4651 | 0.95% | 0.122% |
| 94 | 14.426 | 2051 | 2054 | 2059 | rBV3 | 916 | 1548 | 0.32% | 0.041% |
| 95 | 14.523 | 2068 | 2070 | 2074 | rVB3 | 439 | 401 | 0.08% | 0.011% |
| 96 | 14.584 | 2078 | 2080 | 2085 | rBV3 | 360 | 610 | 0.13% | 0.016% |
| 97 | 14.743 | 2102 | 2106 | 2111 | rVB5 | 1622 | 2259 | 0.46% | 0.059% |
| 98 | 15.450 | 2218 | 2222 | 2227 | rVB2 | 4039 | 6287 | 1.29% | 0.165% |
| 99 | 15.511 | 2229 | 2232 | 2236 | rVB3 | 1369 | 1939 | 0.40% | 0.051% |
| 100 | 16.529 | 2397 | 2399 | 2400 | rBV | 477 | 214 | 0.04% | 0.006% |

Sum of corrected areas: 3803378

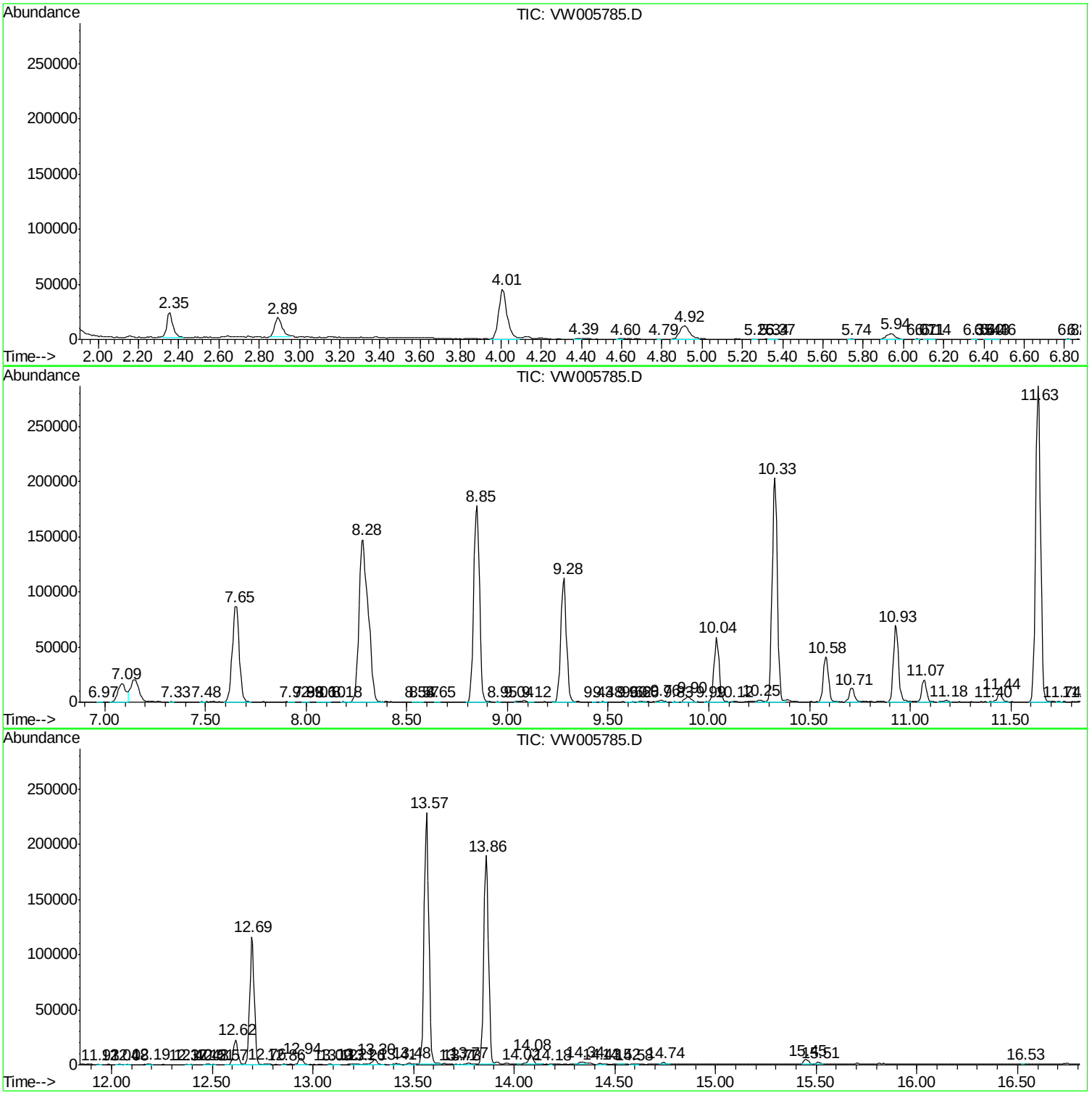
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100218\
Data File : VW005785.D
Acq On : 02 Oct 2018 18:56
Operator : SY/AP
Sample : J5180-14RE
Misc : 3.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** JLC23RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.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\VW100218\
Data File : VW005785.D
Acq On : 02 Oct 2018 18:56
Operator : SY/AP
Sample : J5180-14RE
Misc : 3.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
JLC23RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.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\VW100218\
Data File : VW005785.D
Acq On : 02 Oct 2018 18:56
Operator : SY/AP
Sample : J5180-14RE
Misc : 3.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** JLC23RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.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 |