LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
Data File : VW017222.D
Acq On : 13 Nov 2020 18:57
Operator : SY/VA
Sample : L4710-07
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0AX6

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\SOM2WLM110420S.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 | 88 | rVB | 102646 | 194586 | 13.55% | 1.765% |
| 2 | 2.891 | 155 | 162 | 176 | rBV | 72904 | 182184 | 12.69% | 1.653% |
| 3 | 3.391 | 239 | 244 | 254 | rVB6 | 1148 | 3491 | 0.24% | 0.032% |
| 4 | 3.465 | 254 | 256 | 257 | rBV | 205 | 219 | 0.02% | 0.002% |
| 5 | 3.672 | 288 | 290 | 291 | rBV | 244 | 147 | 0.01% | 0.001% |
| 6 | 3.739 | 299 | 301 | 305 | rBV2 | 298 | 428 | 0.03% | 0.004% |
| 7 | 3.812 | 311 | 313 | 314 | rBV | 186 | 158 | 0.01% | 0.001% |
| 8 | 3.903 | 326 | 328 | 331 | rBV | 187 | 222 | 0.02% | 0.002% |
| 9 | 4.019 | 336 | 347 | 363 | rBV | 165548 | 507054 | 35.32% | 4.600% |
| 10 | 4.202 | 373 | 377 | 388 | rVB4 | 2917 | 8190 | 0.57% | 0.074% |
| 11 | 4.294 | 388 | 392 | 397 | rVB2 | 361 | 596 | 0.04% | 0.005% |
| 12 | 4.391 | 402 | 408 | 409 | rBV3 | 633 | 852 | 0.06% | 0.008% |
| 13 | 4.659 | 451 | 452 | 453 | rVB | 482 | 176 | 0.01% | 0.002% |
| 14 | 4.922 | 484 | 495 | 513 | rVB3 | 16105 | 57924 | 4.03% | 0.525% |
| 15 | 5.037 | 513 | 514 | 516 | rVB | 254 | 150 | 0.01% | 0.001% |
| 16 | 5.056 | 516 | 517 | 520 | rBV2 | 213 | 245 | 0.02% | 0.002% |
| 17 | 5.135 | 521 | 530 | 531 | rBV4 | 510 | 1173 | 0.08% | 0.011% |
| 18 | 5.239 | 545 | 547 | 550 | rBV2 | 189 | 202 | 0.01% | 0.002% |
| 19 | 5.422 | 575 | 577 | 581 | rVB | 249 | 204 | 0.01% | 0.002% |
| 20 | 5.519 | 591 | 593 | 596 | rBV2 | 197 | 190 | 0.01% | 0.002% |
| 21 | 5.836 | 643 | 645 | 649 | rVB2 | 247 | 262 | 0.02% | 0.002% |
| 22 | 5.940 | 654 | 662 | 663 | rBV3 | 3025 | 4935 | 0.34% | 0.045% |
| 23 | 6.123 | 690 | 692 | 695 | rVV2 | 157 | 150 | 0.01% | 0.001% |
| 24 | 6.208 | 704 | 706 | 708 | rBV2 | 246 | 253 | 0.02% | 0.002% |
| 25 | 6.336 | 725 | 727 | 730 | rBV2 | 224 | 205 | 0.01% | 0.002% |
| 26 | 6.360 | 730 | 731 | 734 | rVB | 199 | 187 | 0.01% | 0.002% |
| 27 | 6.598 | 765 | 770 | 771 | rBV2 | 183 | 227 | 0.02% | 0.002% |
| 28 | 6.726 | 788 | 791 | 792 | rBV2 | 187 | 146 | 0.01% | 0.001% |
| 29 | 6.738 | 792 | 793 | 795 | rVB | 281 | 144 | 0.01% | 0.001% |
| 30 | 6.805 | 803 | 804 | 807 | rVB2 | 155 | 143 | 0.01% | 0.001% |
| 31 | 7.080 | 841 | 849 | 854 | rBV | 30983 | 85251 | 5.94% | 0.773% |
| 32 | 7.531 | 921 | 923 | 924 | rBV2 | 346 | 215 | 0.01% | 0.002% |
| 33 | 7.653 | 932 | 943 | 956 | rBV | 256089 | 618316 | 43.07% | 5.609% |
| 34 | 7.830 | 969 | 972 | 975 | rVB2 | 215 | 204 | 0.01% | 0.002% |

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Sample : L4710-07
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0AX6

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\SOM2WLM110420S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 7.866 | 975 | 978 | 979 | rBV | 177 | 146 | 0.01% | 0.001% |
| 36 | 7.952 | 988 | 992 | 993 | rBV3 | 502 | 648 | 0.05% | 0.006% |
| 37 | 8.061 | 1009 | 1010 | 1013 | rBV | 188 | 162 | 0.01% | 0.001% |
| 38 | 8.104 | 1015 | 1017 | 1018 | rBV2 | 392 | 183 | 0.01% | 0.002% |
| 39 | 8.281 | 1033 | 1046 | 1064 | rBV2 | 488507 | 1435586 | 100.00% | 13.024% |
| 40 | 8.476 | 1076 | 1078 | 1081 | rVB2 | 364 | 303 | 0.02% | 0.003% |
| 41 | 8.537 | 1086 | 1088 | 1090 | rBV2 | 198 | 172 | 0.01% | 0.002% |
| 42 | 8.586 | 1093 | 1096 | 1098 | rVB | 251 | 275 | 0.02% | 0.002% |
| 43 | 8.622 | 1098 | 1102 | 1103 | rBV | 391 | 378 | 0.03% | 0.003% |
| 44 | 8.683 | 1108 | 1112 | 1123 | rBV2 | 646 | 1554 | 0.11% | 0.014% |
| 45 | 8.848 | 1130 | 1139 | 1152 | rBV | 532774 | 1060095 | 73.84% | 9.617% |
| 46 | 9.079 | 1171 | 1177 | 1183 | rVB6 | 1719 | 3666 | 0.26% | 0.033% |
| 47 | 9.128 | 1183 | 1185 | 1187 | rVB | 231 | 204 | 0.01% | 0.002% |
| 48 | 9.274 | 1201 | 1209 | 1219 | rBV | 310606 | 636798 | 44.36% | 5.777% |
| 49 | 9.439 | 1233 | 1236 | 1238 | rBV2 | 196 | 243 | 0.02% | 0.002% |
| 50 | 9.561 | 1254 | 1256 | 1257 | rBV | 171 | 142 | 0.01% | 0.001% |
| 51 | 9.622 | 1263 | 1266 | 1267 | rBV | 141 | 146 | 0.01% | 0.001% |
| 52 | 9.665 | 1268 | 1273 | 1280 | rVB2 | 773 | 1364 | 0.10% | 0.012% |
| 53 | 9.762 | 1287 | 1289 | 1293 | rVB2 | 454 | 461 | 0.03% | 0.004% |
| 54 | 9.890 | 1306 | 1310 | 1317 | rVB4 | 1219 | 2029 | 0.14% | 0.018% |
| 55 | 10.037 | 1326 | 1334 | 1346 | rBV | 163550 | 294139 | 20.49% | 2.668% |
| 56 | 10.213 | 1358 | 1363 | 1367 | rBV2 | 2391 | 3977 | 0.28% | 0.036% |
| 57 | 10.323 | 1373 | 1381 | 1389 | rBV | 720588 | 1285048 | 89.51% | 11.658% |
| 58 | 10.506 | 1408 | 1411 | 1412 | rBV | 261 | 243 | 0.02% | 0.002% |
| 59 | 10.579 | 1416 | 1423 | 1434 | rVV | 102454 | 176043 | 12.26% | 1.597% |
| 60 | 10.707 | 1437 | 1444 | 1451 | rVB2 | 28292 | 50924 | 3.55% | 0.462% |
| 61 | 10.927 | 1473 | 1480 | 1497 | rBV | 120478 | 207791 | 14.47% | 1.885% |
| 62 | 11.067 | 1497 | 1503 | 1515 | rVB | 20428 | 35463 | 2.47% | 0.322% |
| 63 | 11.152 | 1515 | 1517 | 1518 | rBV2 | 369 | 295 | 0.02% | 0.003% |
| 64 | 11.219 | 1527 | 1528 | 1531 | rVB2 | 286 | 252 | 0.02% | 0.002% |
| 65 | 11.268 | 1532 | 1536 | 1539 | rVV3 | 344 | 564 | 0.04% | 0.005% |
| 66 | 11.298 | 1539 | 1541 | 1546 | rVV2 | 439 | 664 | 0.05% | 0.006% |
| 67 | 11.439 | 1559 | 1564 | 1571 | rVB | 13142 | 22017 | 1.53% | 0.200% |
| 68 | 11.634 | 1588 | 1596 | 1608 | rBV | 755025 | 1247035 | 86.87% | 11.313% |
| 69 | 11.841 | 1624 | 1630 | 1634 | rBV3 | 1436 | 2399 | 0.17% | 0.022% |
| 70 | 11.957 | 1647 | 1649 | 1650 | rBV | 437 | 276 | 0.02% | 0.003% |
| 71 | 12.103 | 1671 | 1673 | 1674 | rBV | 289 | 216 | 0.02% | 0.002% |

LSC Area Percent Report

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Operator : SY/VA
Sample : L4710-07
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0AX6

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\SOM2WLM110420S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.170 | 1678 | 1684 | 1691 | rBV5 | 682 | 1829 | 0.13% | 0.017% |
| 73 | 12.286 | 1701 | 1703 | 1706 | rVB2 | 234 | 148 | 0.01% | 0.001% |
| 74 | 12.341 | 1711 | 1712 | 1715 | rBV | 205 | 197 | 0.01% | 0.002% |
| 75 | 12.469 | 1730 | 1733 | 1737 | rVB4 | 619 | 1041 | 0.07% | 0.009% |
| 76 | 12.536 | 1743 | 1744 | 1747 | rBV | 144 | 164 | 0.01% | 0.001% |
| 77 | 12.609 | 1748 | 1756 | 1763 | rVB | 43682 | 73304 | 5.11% | 0.665% |
| 78 | 12.695 | 1763 | 1770 | 1777 | rBV | 244800 | 399302 | 27.81% | 3.622% |
| 79 | 12.847 | 1792 | 1795 | 1799 | rBV2 | 324 | 658 | 0.05% | 0.006% |
| 80 | 12.932 | 1804 | 1809 | 1814 | rBV2 | 8381 | 13562 | 0.94% | 0.123% |
| 81 | 13.036 | 1822 | 1826 | 1829 | rVB4 | 540 | 802 | 0.06% | 0.007% |
| 82 | 13.066 | 1829 | 1831 | 1832 | rBV | 311 | 177 | 0.01% | 0.002% |
| 83 | 13.115 | 1837 | 1839 | 1840 | rBV2 | 552 | 369 | 0.03% | 0.003% |
| 84 | 13.194 | 1849 | 1852 | 1857 | rBV5 | 1666 | 2340 | 0.16% | 0.021% |
| 85 | 13.292 | 1865 | 1868 | 1877 | rVB3 | 6771 | 11566 | 0.81% | 0.105% |
| 86 | 13.408 | 1881 | 1887 | 1892 | rVB3 | 3831 | 6541 | 0.46% | 0.059% |
| 87 | 13.475 | 1894 | 1898 | 1899 | rBV3 | 2094 | 2807 | 0.20% | 0.025% |
| 88 | 13.560 | 1905 | 1912 | 1919 | rBV | 735782 | 1159028 | 80.74% | 10.515% |
| 89 | 13.761 | 1942 | 1945 | 1949 | rBV5 | 1944 | 3097 | 0.22% | 0.028% |
| 90 | 13.853 | 1953 | 1960 | 1973 | rVV | 634710 | 1156311 | 80.55% | 10.490% |
| 91 | 14.011 | 1984 | 1986 | 1990 | rBV3 | 775 | 1178 | 0.08% | 0.011% |
| 92 | 14.072 | 1990 | 1996 | 2005 | rVB2 | 19862 | 34286 | 2.39% | 0.311% |
| 93 | 14.249 | 2022 | 2025 | 2028 | rBV2 | 239 | 271 | 0.02% | 0.002% |
| 94 | 14.310 | 2028 | 2035 | 2036 | rBV4 | 1002 | 1566 | 0.11% | 0.014% |
| 95 | 14.463 | 2059 | 2060 | 2063 | rBV2 | 245 | 165 | 0.01% | 0.001% |
| 96 | 14.499 | 2063 | 2066 | 2067 | rBV2 | 609 | 534 | 0.04% | 0.005% |
| 97 | 14.597 | 2080 | 2082 | 2086 | rBV3 | 477 | 474 | 0.03% | 0.004% |
| 98 | 15.103 | 2163 | 2165 | 2166 | rBV2 | 573 | 395 | 0.03% | 0.004% |
| 99 | 15.347 | 2204 | 2205 | 2206 | rBV | 542 | 201 | 0.01% | 0.002% |
| 100 | 15.438 | 2216 | 2220 | 2226 | rVB3 | 5700 | 9700 | 0.68% | 0.088% |

Sum of corrected areas: 11022943

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111320\
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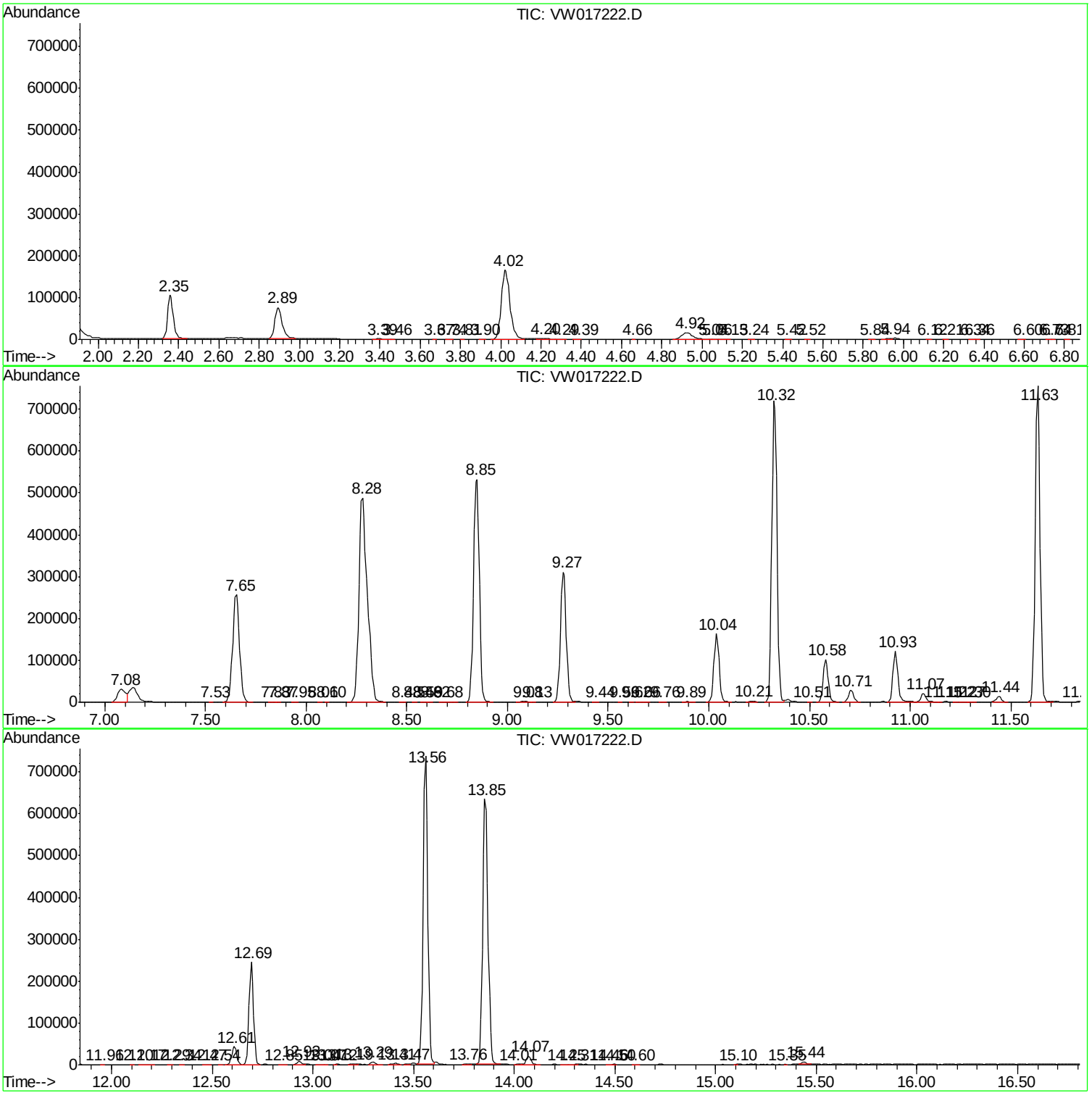
Operator : SY/VA
Sample : L4710-07
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0AX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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\VW111320\
Data File : VW017222.D
Acq On : 13 Nov 2020 18:57
Operator : SY/VA
Sample : L4710-07
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0AX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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\VW111320\
Data File : VW017222.D
Acq On : 13 Nov 2020 18:57
Operator : SY/VA
Sample : L4710-07
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0AX6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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 |