LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
Data File : VD061767.D
Acq On : 12 Apr 2019 6:06
Operator : VA/AP
Sample : K2345-04
Misc : 7.83g/5ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** TP-2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_D\METHOD\82D040619S.M
Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.883 | 46 | 47 | 51 | rBV2 | 678 | 1428 | 2.38% | 0.300% |
| 2 | 1.952 | 53 | 54 | 57 | rVV | 1013 | 1400 | 2.34% | 0.294% |
| 3 | 2.002 | 57 | 59 | 62 | rVV2 | 1210 | 2549 | 4.25% | 0.536% |
| 4 | 2.041 | 62 | 63 | 66 | rVV | 1382 | 1560 | 2.60% | 0.328% |
| 5 | 2.120 | 67 | 71 | 72 | rVV2 | 1097 | 2066 | 3.45% | 0.434% |
| 6 | 2.208 | 76 | 80 | 81 | rVV3 | 2080 | 4055 | 6.76% | 0.853% |
| 7 | 2.248 | 81 | 84 | 88 | rVV2 | 1912 | 4759 | 7.94% | 1.001% |
| 8 | 2.297 | 88 | 89 | 93 | rVB | 910 | 1520 | 2.54% | 0.320% |
| 9 | 2.346 | 93 | 94 | 96 | rBV | 1771 | 1627 | 2.71% | 0.342% |
| 10 | 2.445 | 101 | 104 | 105 | rVV | 961 | 1316 | 2.20% | 0.277% |
| 11 | 2.484 | 105 | 108 | 112 | rVV | 672 | 2319 | 3.87% | 0.488% |
| 12 | 2.553 | 112 | 115 | 119 | rVV | 1181 | 3340 | 5.57% | 0.702% |
| 13 | 2.612 | 119 | 121 | 124 | rVV | 1568 | 2143 | 3.58% | 0.451% |
| 14 | 2.661 | 124 | 126 | 129 | rVB2 | 894 | 1877 | 3.13% | 0.395% |
| 15 | 2.710 | 129 | 131 | 137 | rVB | 765 | 1669 | 2.78% | 0.351% |
| 16 | 2.957 | 153 | 156 | 157 | rBV | 824 | 1435 | 2.39% | 0.302% |
| 17 | 3.212 | 178 | 182 | 189 | rVB | 5894 | 16404 | 27.37% | 3.449% |
| 18 | 3.321 | 191 | 193 | 195 | rBV | 1197 | 2341 | 3.91% | 0.492% |
| 19 | 3.439 | 204 | 205 | 208 | rBV | 1036 | 1538 | 2.57% | 0.323% |
| 20 | 3.488 | 208 | 210 | 214 | rVB2 | 549 | 1329 | 2.22% | 0.279% |
| 21 | 3.646 | 220 | 226 | 231 | rBV2 | 1123 | 4030 | 6.72% | 0.847% |
| 22 | 3.715 | 231 | 233 | 236 | rVV2 | 868 | 1666 | 2.78% | 0.350% |
| 23 | 3.813 | 240 | 243 | 246 | rVV3 | 1922 | 4035 | 6.73% | 0.848% |
| 24 | 3.911 | 250 | 253 | 257 | rBV | 926 | 2674 | 4.46% | 0.562% |
| 25 | 4.020 | 260 | 264 | 267 | rVV | 716 | 2092 | 3.49% | 0.440% |
| 26 | 4.089 | 267 | 271 | 275 | rVB | 883 | 2445 | 4.08% | 0.514% |
| 27 | 4.502 | 312 | 313 | 316 | rVB | 937 | 1282 | 2.14% | 0.270% |
| 28 | 4.561 | 316 | 319 | 321 | rBB | 865 | 1318 | 2.20% | 0.277% |
| 29 | 4.778 | 339 | 341 | 343 | rBV | 886 | 1469 | 2.45% | 0.309% |
| 30 | 4.847 | 345 | 348 | 349 | rBB | 891 | 1210 | 2.02% | 0.254% |
| 31 | 4.925 | 353 | 356 | 358 | rBV | 891 | 1713 | 2.86% | 0.360% |
| 32 | 5.103 | 373 | 374 | 378 | rVB | 859 | 1355 | 2.26% | 0.285% |
| 33 | 5.162 | 378 | 380 | 381 | rBV | 1021 | 1139 | 1.90% | 0.239% |
| 34 | 5.270 | 388 | 391 | 394 | rBB | 996 | 1880 | 3.14% | 0.395% |

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Sample : K2345-04
Misc : 7.83g/5ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** TP-2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_D\METHOD\82D040619S.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.408 | 403 | 405 | 407 | rVB | 892 | 1456 | 2.43% | 0.306% |
| 36 | 5.624 | 424 | 427 | 429 | rBV | 960 | 1833 | 3.06% | 0.385% |
| 37 | 5.683 | 431 | 433 | 437 | rVB | 736 | 1539 | 2.57% | 0.324% |
| 38 | 5.772 | 437 | 442 | 444 | rBB | 814 | 1664 | 2.78% | 0.350% |
| 39 | 5.802 | 444 | 445 | 448 | rBV | 958 | 1395 | 2.33% | 0.293% |
| 40 | 5.949 | 457 | 460 | 461 | rBV2 | 751 | 1472 | 2.46% | 0.310% |
| 41 | 6.057 | 469 | 471 | 474 | rBV | 952 | 1631 | 2.72% | 0.343% |
| 42 | 6.136 | 474 | 479 | 481 | rBV | 1837 | 4070 | 6.79% | 0.856% |
| 43 | 6.372 | 500 | 503 | 504 | rBB | 872 | 1135 | 1.89% | 0.239% |
| 44 | 6.422 | 505 | 508 | 509 | rBB | 774 | 1307 | 2.18% | 0.275% |
| 45 | 6.816 | 545 | 548 | 550 | rBB | 979 | 1482 | 2.47% | 0.312% |
| 46 | 6.914 | 553 | 558 | 565 | rBB2 | 8617 | 24761 | 41.31% | 5.206% |
| 47 | 7.042 | 565 | 571 | 578 | rBB2 | 8563 | 22774 | 37.99% | 4.789% |
| 48 | 7.268 | 591 | 594 | 595 | rBV | 835 | 1268 | 2.12% | 0.267% |
| 49 | 7.386 | 602 | 606 | 607 | rBV2 | 747 | 1739 | 2.90% | 0.366% |
| 50 | 7.446 | 607 | 612 | 616 | rBV3 | 8319 | 20919 | 34.90% | 4.399% |
| 51 | 7.800 | 647 | 648 | 651 | rBB3 | 948 | 1197 | 2.00% | 0.252% |
| 52 | 8.213 | 685 | 690 | 694 | rBV | 17690 | 36886 | 61.54% | 7.756% |
| 53 | 8.981 | 767 | 768 | 772 | rBB | 765 | 1273 | 2.12% | 0.268% |
| 54 | 9.345 | 803 | 805 | 808 | rBB | 676 | 1228 | 2.05% | 0.258% |
| 55 | 9.641 | 832 | 835 | 840 | rBB | 524 | 1415 | 2.36% | 0.298% |
| 56 | 9.857 | 855 | 857 | 860 | rVB2 | 839 | 1639 | 2.73% | 0.345% |
| 57 | 10.291 | 898 | 901 | 903 | rBB2 | 751 | 1427 | 2.38% | 0.300% |
| 58 | 10.399 | 909 | 912 | 919 | rVB2 | 18879 | 42527 | 70.95% | 8.942% |
| 59 | 10.497 | 920 | 922 | 926 | rBB | 2239 | 4119 | 6.87% | 0.866% |
| 60 | 10.556 | 927 | 928 | 932 | rBB | 659 | 1250 | 2.09% | 0.263% |
| 61 | 10.802 | 952 | 953 | 956 | rVB | 805 | 1157 | 1.93% | 0.243% |
| 62 | 10.950 | 964 | 968 | 969 | rBB | 921 | 1500 | 2.50% | 0.315% |
| 63 | 11.255 | 996 | 999 | 1002 | rVB | 868 | 1958 | 3.27% | 0.412% |
| 64 | 11.610 | 1032 | 1035 | 1037 | rBB | 749 | 1386 | 2.31% | 0.291% |
| 65 | 11.885 | 1061 | 1063 | 1066 | rBV | 782 | 1625 | 2.71% | 0.342% |
| 66 | 12.358 | 1108 | 1111 | 1117 | rVB | 37326 | 59942 | 100.00% | 12.604% |
| 67 | 12.594 | 1133 | 1135 | 1139 | rBV2 | 993 | 1851 | 3.09% | 0.389% |
| 68 | 12.673 | 1141 | 1143 | 1146 | rVB2 | 657 | 1190 | 1.99% | 0.250% |
| 69 | 12.988 | 1171 | 1175 | 1177 | rBB | 757 | 1328 | 2.22% | 0.279% |
| 70 | 13.067 | 1181 | 1183 | 1186 | rVB | 938 | 1392 | 2.32% | 0.293% |
| 71 | 13.145 | 1189 | 1191 | 1194 | rBB | 887 | 1251 | 2.09% | 0.263% |

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Operator : VA/AP
Sample : K2345-04
Misc : 7.83g/5ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** TP-2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_D\METHOD\82D040619S.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 13.204 | 1194 | 1197 | 1198 | rBB | 870 | 1406 | 2.35% | 0.296% |
| 73 | 13.234 | 1198 | 1200 | 1202 | rBB | 832 | 1196 | 2.00% | 0.251% |
| 74 | 13.549 | 1229 | 1232 | 1236 | rBV | 25381 | 36367 | 60.67% | 7.647% |
| 75 | 13.707 | 1245 | 1248 | 1250 | rBV2 | 835 | 1544 | 2.58% | 0.325% |
| 76 | 13.805 | 1257 | 1258 | 1261 | rBV2 | 1034 | 1839 | 3.07% | 0.387% |
| 77 | 13.943 | 1269 | 1272 | 1276 | rVB | 829 | 1960 | 3.27% | 0.412% |
| 78 | 14.307 | 1306 | 1309 | 1313 | rBV2 | 827 | 2147 | 3.58% | 0.451% |
| 79 | 14.455 | 1321 | 1324 | 1326 | rBV | 783 | 1267 | 2.11% | 0.266% |
| 80 | 14.514 | 1328 | 1330 | 1333 | rVB | 49558 | 56328 | 93.97% | 11.844% |
| 81 | 14.553 | 1333 | 1334 | 1337 | rBV | 818 | 1176 | 1.96% | 0.247% |
| 82 | 14.593 | 1337 | 1338 | 1342 | rVB | 842 | 1472 | 2.46% | 0.310% |
| 83 | 15.144 | 1393 | 1394 | 1398 | rVB | 724 | 1285 | 2.14% | 0.270% |
| 84 | 15.213 | 1398 | 1401 | 1402 | rBV | 807 | 1215 | 2.03% | 0.255% |
| 85 | 15.547 | 1433 | 1435 | 1438 | rVB | 897 | 1340 | 2.24% | 0.282% |
| 86 | 15.606 | 1438 | 1441 | 1444 | rBB | 1160 | 2051 | 3.42% | 0.431% |
| 87 | 15.774 | 1453 | 1458 | 1459 | rBV2 | 578 | 1273 | 2.12% | 0.268% |
| 88 | 15.902 | 1470 | 1471 | 1475 | rVB | 756 | 1147 | 1.91% | 0.241% |
| 89 | 16.276 | 1506 | 1509 | 1514 | rVB | 827 | 2010 | 3.35% | 0.423% |
| 90 | 16.571 | 1536 | 1539 | 1541 | rBV | 697 | 1370 | 2.29% | 0.288% |
| 91 | 17.329 | 1613 | 1616 | 1618 | rBV | 767 | 1230 | 2.05% | 0.259% |
| 92 | 17.585 | 1640 | 1642 | 1644 | rBV | 958 | 1238 | 2.07% | 0.260% |
| 93 | 17.713 | 1653 | 1655 | 1658 | rVB2 | 742 | 1449 | 2.42% | 0.305% |
| 94 | 17.871 | 1668 | 1671 | 1673 | rBV | 597 | 1150 | 1.92% | 0.242% |
| 95 | 17.949 | 1678 | 1679 | 1682 | rVV | 744 | 1196 | 2.00% | 0.251% |
| 96 | 18.146 | 1695 | 1699 | 1700 | rBV2 | 679 | 1349 | 2.25% | 0.284% |
| 97 | 18.166 | 1700 | 1701 | 1705 | rVB | 3259 | 2672 | 4.46% | 0.562% |
| 98 | 18.225 | 1705 | 1707 | 1709 | rBV | 965 | 1270 | 2.12% | 0.267% |
| 99 | 18.373 | 1720 | 1722 | 1725 | rVB | 1039 | 1246 | 2.08% | 0.262% |
| 100 | 18.461 | 1728 | 1731 | 1734 | rBV2 | 807 | 1428 | 2.38% | 0.300% |

Sum of corrected areas: 475590

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041119\
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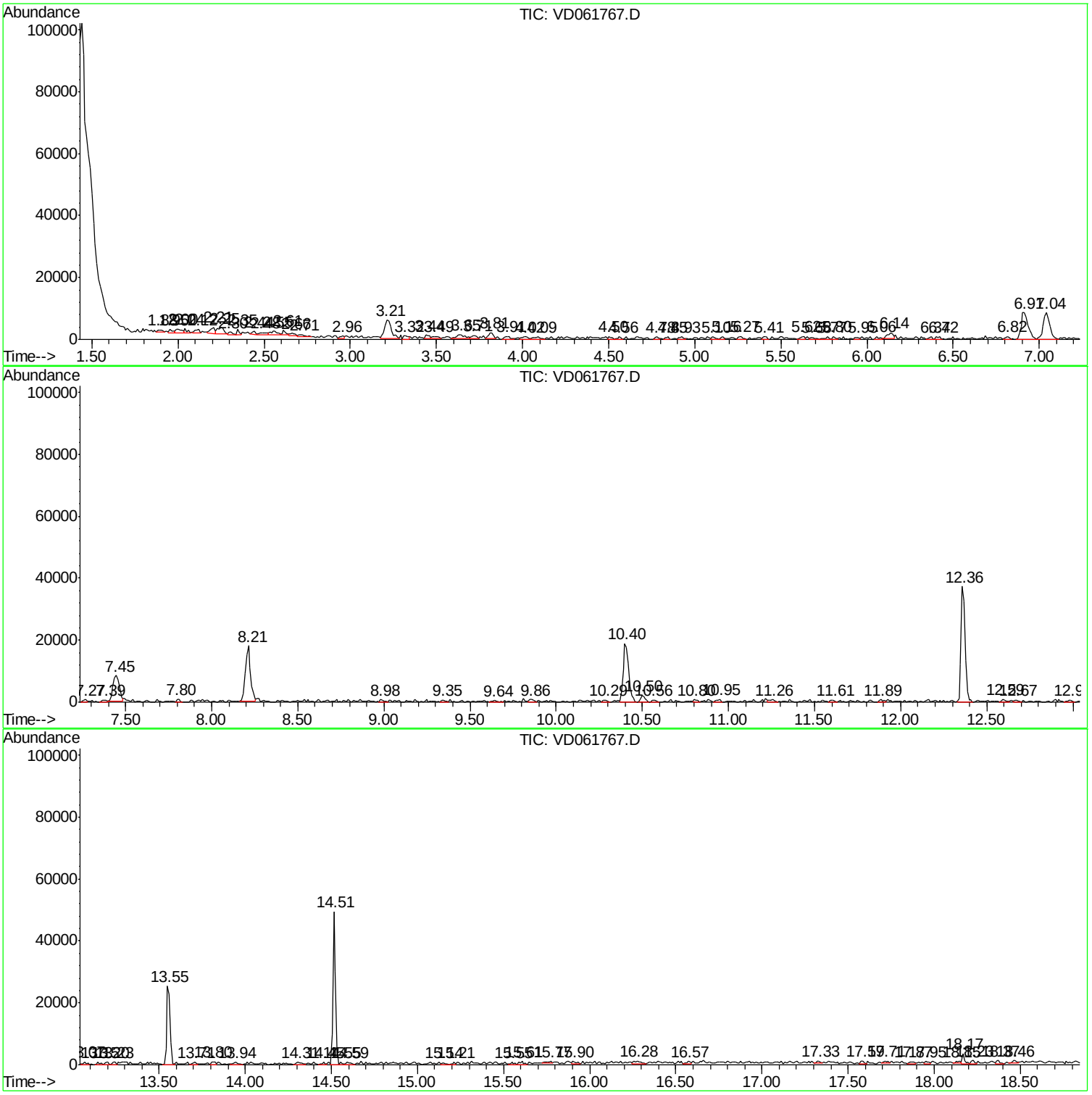
Operator : VA/AP
Sample : K2345-04
Misc : 7.83g/5ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** TP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041119\
Data File : VD061767.D
Acq On : 12 Apr 2019 6:06
Operator : VA/AP
Sample : K2345-04
Misc : 7.83g/5ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
TP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041119\
Data File : VD061767.D
Acq On : 12 Apr 2019 6:06
Operator : VA/AP
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Misc : 7.83g/5ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** TP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | |
|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |