LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
Data File : VY013599.D
Acq On : 04 May 2023 14:52
Operator : KP/MD
Sample : 02598-04
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
ETGI-328

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_Y\methods\82Y042423S.M
Title : SW846 8260

Signal : TIC: VY013599.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.217 | 61 | 65 | 68 | rBV6 | 1710 | 2843 | 5.14% | 0.653% |
| 2 | 2.296 | 76 | 78 | 82 | rBV4 | 1410 | 1869 | 3.38% | 0.430% |
| 3 | 2.540 | 116 | 118 | 120 | rVB2 | 1395 | 872 | 1.58% | 0.200% |
| 4 | 2.631 | 132 | 133 | 135 | rBV2 | 1055 | 633 | 1.15% | 0.145% |
| 5 | 2.918 | 178 | 180 | 183 | rBV4 | 935 | 775 | 1.40% | 0.178% |
| 6 | 3.119 | 211 | 213 | 216 | rVB2 | 1122 | 1262 | 2.28% | 0.290% |
| 7 | 3.387 | 253 | 257 | 259 | rVB3 | 458 | 659 | 1.19% | 0.151% |
| 8 | 3.686 | 304 | 306 | 312 | rVB4 | 482 | 680 | 1.23% | 0.156% |
| 9 | 3.832 | 326 | 330 | 333 | rBV | 824 | 1313 | 2.38% | 0.302% |
| 10 | 3.960 | 347 | 351 | 352 | rBV2 | 654 | 931 | 1.68% | 0.214% |
| 11 | 4.119 | 374 | 377 | 379 | rBV2 | 895 | 779 | 1.41% | 0.179% |
| 12 | 4.192 | 384 | 389 | 391 | rBV3 | 574 | 851 | 1.54% | 0.196% |
| 13 | 4.716 | 469 | 475 | 484 | rVB4 | 1958 | 5539 | 10.02% | 1.273% |
| 14 | 5.747 | 639 | 644 | 646 | rBV3 | 660 | 1049 | 1.90% | 0.241% |
| 15 | 5.777 | 646 | 649 | 651 | rVB3 | 855 | 931 | 1.68% | 0.214% |
| 16 | 6.283 | 730 | 732 | 734 | rBV2 | 522 | 624 | 1.13% | 0.143% |
| 17 | 6.917 | 834 | 836 | 839 | rBV2 | 587 | 594 | 1.07% | 0.137% |
| 18 | 6.972 | 839 | 845 | 847 | rVV4 | 470 | 756 | 1.37% | 0.174% |
| 19 | 7.307 | 898 | 900 | 903 | rBV2 | 492 | 627 | 1.13% | 0.144% |
| 20 | 7.722 | 960 | 968 | 973 | rBV2 | 9909 | 24650 | 44.59% | 5.665% |
| 21 | 7.789 | 974 | 979 | 987 | rVB3 | 13793 | 29334 | 53.07% | 6.742% |
| 22 | 8.063 | 1023 | 1024 | 1029 | rVB2 | 457 | 668 | 1.21% | 0.154% |
| 23 | 8.143 | 1029 | 1037 | 1046 | rBV | 12214 | 27630 | 49.99% | 6.350% |
| 24 | 8.319 | 1064 | 1066 | 1068 | rBV3 | 772 | 772 | 1.40% | 0.177% |
| 25 | 8.691 | 1119 | 1127 | 1137 | rBV2 | 19470 | 41280 | 74.68% | 9.487% |
| 26 | 9.179 | 1202 | 1207 | 1210 | rVV4 | 421 | 775 | 1.40% | 0.178% |
| 27 | 9.216 | 1210 | 1213 | 1216 | rVB2 | 453 | 667 | 1.21% | 0.153% |
| 28 | 9.612 | 1275 | 1278 | 1283 | rBV4 | 929 | 1757 | 3.18% | 0.404% |
| 29 | 9.746 | 1297 | 1300 | 1303 | rBV4 | 1629 | 2201 | 3.98% | 0.506% |
| 30 | 9.789 | 1305 | 1307 | 1311 | rVB3 | 641 | 702 | 1.27% | 0.161% |
| 31 | 9.953 | 1331 | 1334 | 1339 | rVB2 | 499 | 701 | 1.27% | 0.161% |
| 32 | 10.112 | 1358 | 1360 | 1364 | rVB3 | 929 | 779 | 1.41% | 0.179% |
| 33 | 10.179 | 1365 | 1371 | 1378 | rVV | 30644 | 54269 | 98.18% | 12.472% |
| 34 | 10.246 | 1378 | 1382 | 1388 | rVB2 | 3564 | 6075 | 10.99% | 1.396% |
| 35 | 10.502 | 1419 | 1424 | 1425 | rBV3 | 702 | 950 | 1.72% | 0.218% |
| 36 | 10.581 | 1432 | 1437 | 1440 | rVB4 | 845 | 1429 | 2.59% | 0.328% |

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Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
ETGI-328

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_Y\methods\82Y042423S.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.715 | 1457 | 1459 | 1463 | rBV4 | 567 | 684 | 1.24% | 0.157% |
| 38 | 10.916 | 1490 | 1492 | 1495 | rVB2 | 660 | 820 | 1.48% | 0.188% |
| 39 | 11.093 | 1519 | 1521 | 1524 | rVB3 | 888 | 929 | 1.68% | 0.214% |
| 40 | 11.118 | 1524 | 1525 | 1529 | rBV3 | 703 | 752 | 1.36% | 0.173% |
| 41 | 11.276 | 1550 | 1551 | 1553 | rBV2 | 853 | 763 | 1.38% | 0.175% |
| 42 | 11.490 | 1580 | 1586 | 1595 | rBV | 29380 | 51415 | 93.02% | 11.816% |
| 43 | 11.703 | 1616 | 1621 | 1625 | rBV6 | 1910 | 3840 | 6.95% | 0.883% |
| 44 | 11.843 | 1642 | 1644 | 1651 | rVB6 | 862 | 1051 | 1.90% | 0.242% |
| 45 | 11.898 | 1651 | 1653 | 1657 | rBV4 | 577 | 639 | 1.16% | 0.147% |
| 46 | 12.038 | 1670 | 1676 | 1680 | rBV4 | 2248 | 4166 | 7.54% | 0.957% |
| 47 | 12.203 | 1700 | 1703 | 1704 | rBV2 | 1017 | 1002 | 1.81% | 0.230% |
| 48 | 12.361 | 1728 | 1729 | 1731 | rBV2 | 1008 | 684 | 1.24% | 0.157% |
| 49 | 12.392 | 1731 | 1734 | 1735 | rBV3 | 1014 | 1104 | 2.00% | 0.254% |
| 50 | 12.483 | 1743 | 1749 | 1756 | rVB4 | 25110 | 42016 | 76.01% | 9.656% |
| 51 | 12.660 | 1777 | 1778 | 1780 | rBV2 | 994 | 620 | 1.12% | 0.142% |
| 52 | 12.739 | 1787 | 1791 | 1792 | rBV4 | 1579 | 1771 | 3.20% | 0.407% |
| 53 | 12.812 | 1800 | 1803 | 1808 | rVB6 | 1988 | 2419 | 4.38% | 0.556% |
| 54 | 12.916 | 1818 | 1820 | 1821 | rBV2 | 985 | 860 | 1.56% | 0.198% |
| 55 | 13.069 | 1842 | 1845 | 1850 | rVB7 | 1999 | 2905 | 5.26% | 0.668% |
| 56 | 13.123 | 1850 | 1854 | 1857 | rVV4 | 3225 | 5015 | 9.07% | 1.153% |
| 57 | 13.172 | 1860 | 1862 | 1868 | rBV5 | 1398 | 2546 | 4.61% | 0.585% |
| 58 | 13.251 | 1873 | 1875 | 1878 | rBV4 | 776 | 902 | 1.63% | 0.207% |
| 59 | 13.428 | 1899 | 1904 | 1920 | rVB | 25941 | 55276 | 100.00% | 12.704% |
| 60 | 13.581 | 1926 | 1929 | 1930 | rBV3 | 1162 | 1334 | 2.41% | 0.307% |
| 61 | 13.892 | 1977 | 1980 | 1981 | rBV2 | 1545 | 1568 | 2.84% | 0.360% |
| 62 | 14.221 | 2030 | 2034 | 2035 | rBV3 | 1107 | 1648 | 2.98% | 0.379% |
| 63 | 14.337 | 2050 | 2053 | 2057 | rVB5 | 2276 | 2763 | 5.00% | 0.635% |
| 64 | 14.611 | 2096 | 2098 | 2101 | rBV4 | 1183 | 1726 | 3.12% | 0.397% |
| 65 | 14.684 | 2101 | 2110 | 2115 | rVB10 | 3929 | 8880 | 16.06% | 2.041% |
| 66 | 14.861 | 2137 | 2139 | 2141 | rBV3 | 703 | 658 | 1.19% | 0.151% |
| 67 | 14.904 | 2144 | 2146 | 2149 | rBV4 | 675 | 1042 | 1.89% | 0.239% |
| 68 | 14.934 | 2149 | 2151 | 2153 | rBV2 | 1002 | 1081 | 1.96% | 0.248% |
| 69 | 15.044 | 2166 | 2169 | 2170 | rBV2 | 1292 | 1537 | 2.78% | 0.353% |
| 70 | 15.111 | 2178 | 2180 | 2182 | rBV3 | 689 | 739 | 1.34% | 0.170% |
| 71 | 15.233 | 2198 | 2200 | 2206 | rVB4 | 1027 | 1578 | 2.85% | 0.363% |
| 72 | 15.318 | 2211 | 2214 | 2216 | rBV2 | 1470 | 1605 | 2.90% | 0.369% |
| 73 | 15.666 | 2269 | 2271 | 2273 | rBV3 | 945 | 1025 | 1.85% | 0.236% |
| 74 | 15.788 | 2288 | 2291 | 2294 | rBV4 | 911 | 1121 | 2.03% | 0.258% |
| 75 | 15.867 | 2302 | 2304 | 2306 | rBV3 | 796 | 1007 | 1.82% | 0.231% |
| 76 | 15.958 | 2317 | 2319 | 2320 | rBV2 | 1048 | 1021 | 1.85% | 0.235% |

LSC Area Percent Report

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Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
ETGI-328

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_Y\methods\82Y042423S.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 16.129 | 2346 | 2347 | 2351 | rBV4 | 886 | 990 | 1.79% | 0.228% |
| 78 | 16.452 | 2398 | 2400 | 2403 | rBV4 | 1034 | 1102 | 1.99% | 0.253% |
| 79 | 16.543 | 2413 | 2415 | 2422 | rBV5 | 629 | 1570 | 2.84% | 0.361% |
| 80 | 16.781 | 2452 | 2454 | 2455 | rBV2 | 878 | 712 | 1.29% | 0.164% |

Sum of corrected areas: 435112

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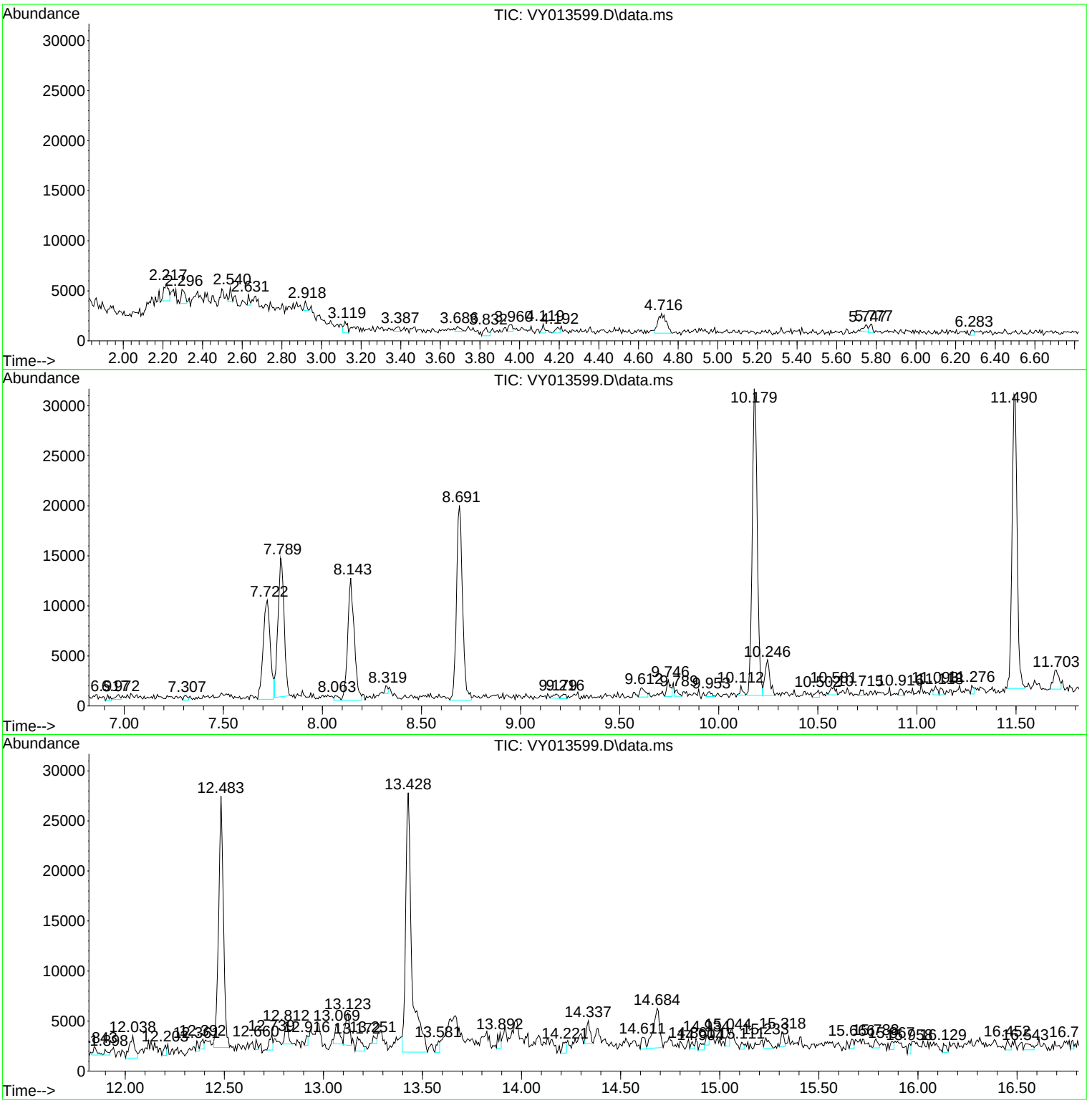
**Instrument :**
MSVOA_Y
**ClientSampleId :**
ETGI-328

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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MSVOA_Y
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ETGI-328

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

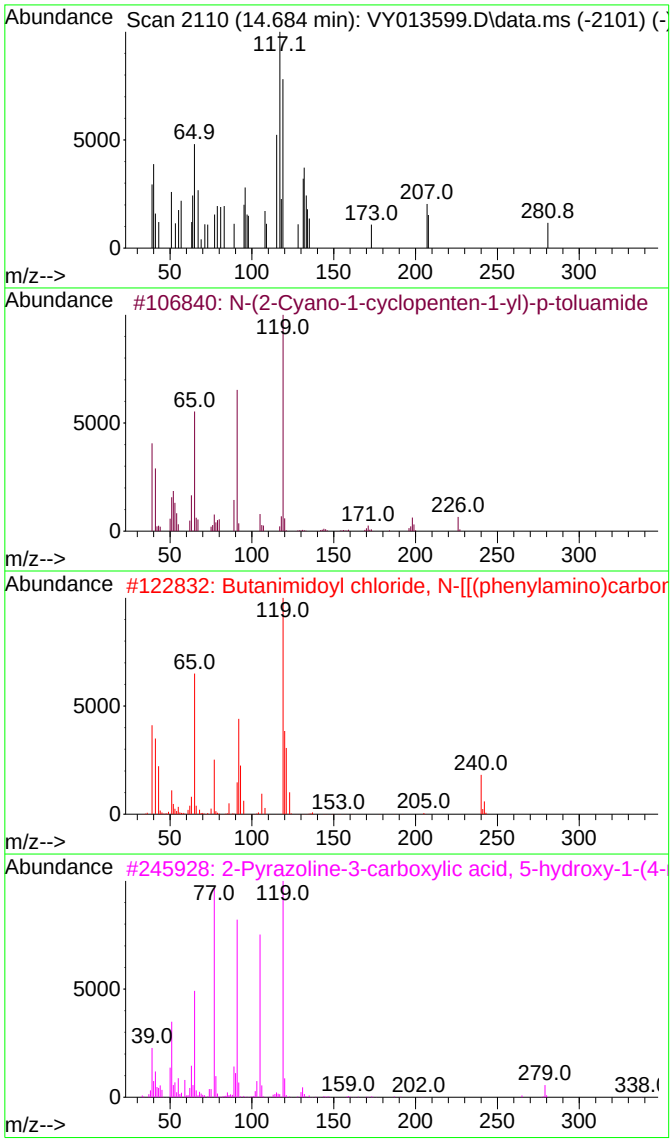
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

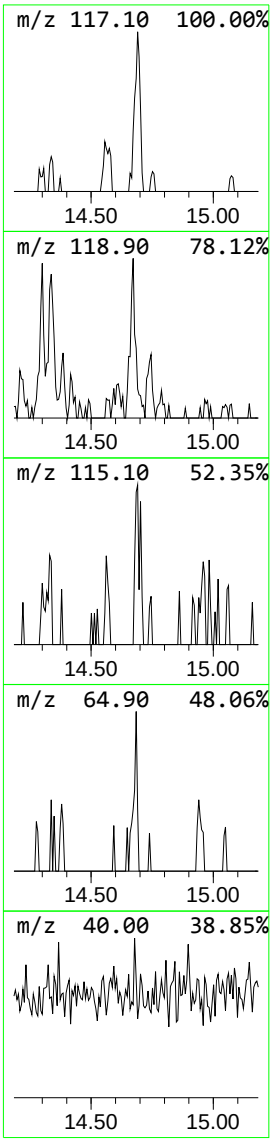
**********

Peak Number 2 unknown14.684 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.684 | 8.03 ug/l | 8880 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-(2-Cyano-1-cyclopenten-1-yl)-p... | 226 | C14H14N2O | 1000261-00-3 | 43 |
| 2 | Butanimidoyl chloride, N-[[(phen... | 240 | C11H13ClN2O2 | 1000351-42-9 | 37 |
| 3 | 2-Pyrazoline-3-carboxylic acid, ... | 338 | C19H18N2O4 | 1000295-85-7 | 25 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 14 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 14 |



Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown14.684 | 14.684 | 8.0 | ug/l | 8880 | 4 | 13.422 | 55276 | 50.0 |