

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
 Data File : VW005743.D  
 Acq On : 01 Oct 2018 18:37  
 Operator : SY/AP  
 Sample : J5180-12  
 Misc : 4.03G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLC21

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 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<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.349       | 69            | 73          | 81           | rVB      | 11826          | 21364         | 11.15%          | 1.329%        |
| 2         | 2.891       | 156           | 162         | 172          | rBV      | 8155           | 20427         | 10.66%          | 1.271%        |
| 3         | 3.934       | 332           | 333         | 335          | rBV2     | 264            | 263           | 0.14%           | 0.016%        |
| 4         | 4.007       | 336           | 345         | 355          | rVV2     | 19342          | 52168         | 27.22%          | 3.245%        |
| 5         | 4.123       | 357           | 364         | 376          | rVB2     | 7665           | 21178         | 11.05%          | 1.317%        |
| 6         | 4.312       | 393           | 395         | 397          | rBV2     | 245            | 222           | 0.12%           | 0.014%        |
| 7         | 4.379       | 400           | 406         | 407          | rBV4     | 607            | 947           | 0.49%           | 0.059%        |
| 8         | 4.702       | 457           | 459         | 463          | rBV3     | 323            | 400           | 0.21%           | 0.025%        |
| 9         | 4.751       | 465           | 467         | 471          | rVB2     | 221            | 218           | 0.11%           | 0.014%        |
| 10        | 4.915       | 484           | 494         | 504          | rBV3     | 5385           | 16081         | 8.39%           | 1.000%        |
| 11        | 5.013       | 506           | 510         | 511          | rBV3     | 206            | 322           | 0.17%           | 0.020%        |
| 12        | 5.110       | 523           | 526         | 527          | rBV2     | 261            | 276           | 0.14%           | 0.017%        |
| 13        | 5.165       | 532           | 535         | 536          | rBV2     | 392            | 472           | 0.25%           | 0.029%        |
| 14        | 5.470       | 584           | 585         | 587          | rBV2     | 351            | 243           | 0.13%           | 0.015%        |
| 15        | 5.543       | 596           | 597         | 600          | rVB2     | 251            | 223           | 0.12%           | 0.014%        |
| 16        | 5.592       | 603           | 605         | 607          | rBV2     | 207            | 250           | 0.13%           | 0.016%        |
| 17        | 5.696       | 620           | 622         | 623          | rBV      | 199            | 203           | 0.11%           | 0.013%        |
| 18        | 5.787       | 631           | 637         | 644          | rVB4     | 514            | 1511          | 0.79%           | 0.094%        |
| 19        | 5.933       | 654           | 661         | 671          | rBV4     | 3245           | 9301          | 4.85%           | 0.579%        |
| 20        | 6.177       | 698           | 701         | 703          | rVV2     | 199            | 238           | 0.12%           | 0.015%        |
| 21        | 6.494       | 750           | 753         | 756          | rBV2     | 196            | 327           | 0.17%           | 0.020%        |
| 22        | 6.610       | 770           | 772         | 774          | rVV2     | 258            | 218           | 0.11%           | 0.014%        |
| 23        | 6.891       | 814           | 818         | 819          | rBV3     | 235            | 230           | 0.12%           | 0.014%        |
| 24        | 7.086       | 841           | 850         | 855          | rBV2     | 11439          | 31976         | 16.68%          | 1.989%        |
| 25        | 7.525       | 918           | 922         | 924          | rBV3     | 350            | 575           | 0.30%           | 0.036%        |
| 26        | 7.653       | 934           | 943         | 954          | rVB2     | 33427          | 82456         | 43.02%          | 5.129%        |
| 27        | 7.854       | 972           | 976         | 979          | rVB2     | 341            | 506           | 0.26%           | 0.031%        |
| 28        | 7.970       | 993           | 995         | 1000         | rVB2     | 251            | 259           | 0.14%           | 0.016%        |
| 29        | 8.025       | 1000          | 1004        | 1005         | rBV      | 224            | 230           | 0.12%           | 0.014%        |
| 30        | 8.281       | 1035          | 1046        | 1060         | rBV2     | 58812          | 191670        | 100.00%         | 11.922%       |
| 31        | 8.445       | 1071          | 1073        | 1077         | rBV2     | 229            | 293           | 0.15%           | 0.018%        |
| 32        | 8.567       | 1091          | 1093        | 1097         | rVB2     | 189            | 264           | 0.14%           | 0.016%        |
| 33        | 8.848       | 1131          | 1139        | 1149         | rVB      | 68402          | 131360        | 68.53%          | 8.171%        |
| 34        | 9.037       | 1167          | 1170        | 1171         | rBV      | 674            | 638           | 0.33%           | 0.040%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
 Data File : VW005743.D  
 Acq On : 01 Oct 2018 18:37  
 Operator : SY/AP  
 Sample : J5180-12  
 Misc : 4.03G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLC21

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 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 | 9.183  | 1191 | 1194 | 1196 | rBV2 | 241   | 239    | 0.12%  | 0.015%  |
| 36 | 9.280  | 1202 | 1210 | 1218 | rBV  | 47226 | 95459  | 49.80% | 5.938%  |
| 37 | 9.360  | 1221 | 1223 | 1225 | rVV  | 341   | 256    | 0.13%  | 0.016%  |
| 38 | 9.396  | 1225 | 1229 | 1233 | rVV3 | 227   | 455    | 0.24%  | 0.028%  |
| 39 | 9.427  | 1233 | 1234 | 1239 | rVV2 | 243   | 263    | 0.14%  | 0.016%  |
| 40 | 9.469  | 1239 | 1241 | 1243 | rVV  | 275   | 238    | 0.12%  | 0.015%  |
| 41 | 9.756  | 1283 | 1288 | 1292 | rBV5 | 779   | 1245   | 0.65%  | 0.077%  |
| 42 | 9.811  | 1295 | 1297 | 1299 | rBV2 | 317   | 243    | 0.13%  | 0.015%  |
| 43 | 9.896  | 1306 | 1311 | 1316 | rBV4 | 3175  | 5146   | 2.68%  | 0.320%  |
| 44 | 10.042 | 1325 | 1335 | 1342 | rVB  | 22843 | 42704  | 22.28% | 2.656%  |
| 45 | 10.219 | 1360 | 1364 | 1365 | rBV3 | 775   | 778    | 0.41%  | 0.048%  |
| 46 | 10.256 | 1365 | 1370 | 1375 | rVB5 | 1313  | 2072   | 1.08%  | 0.129%  |
| 47 | 10.329 | 1375 | 1382 | 1389 | rBV  | 70873 | 125876 | 65.67% | 7.829%  |
| 48 | 10.469 | 1403 | 1405 | 1406 | rBV2 | 368   | 254    | 0.13%  | 0.016%  |
| 49 | 10.488 | 1406 | 1408 | 1410 | rVV2 | 457   | 455    | 0.24%  | 0.028%  |
| 50 | 10.518 | 1410 | 1413 | 1414 | rVV2 | 273   | 300    | 0.16%  | 0.019%  |
| 51 | 10.585 | 1417 | 1424 | 1431 | rVB  | 17684 | 30129  | 15.72% | 1.874%  |
| 52 | 10.713 | 1439 | 1445 | 1450 | rBV  | 8570  | 14124  | 7.37%  | 0.879%  |
| 53 | 10.847 | 1462 | 1467 | 1472 | rBV3 | 408   | 622    | 0.32%  | 0.039%  |
| 54 | 10.926 | 1474 | 1480 | 1495 | rVV  | 39700 | 69390  | 36.20% | 4.316%  |
| 55 | 11.073 | 1499 | 1504 | 1510 | rVB2 | 7741  | 12675  | 6.61%  | 0.788%  |
| 56 | 11.122 | 1510 | 1512 | 1513 | rVB2 | 297   | 209    | 0.11%  | 0.013%  |
| 57 | 11.140 | 1513 | 1515 | 1517 | rBV  | 247   | 222    | 0.12%  | 0.014%  |
| 58 | 11.183 | 1519 | 1522 | 1526 | rVB3 | 653   | 838    | 0.44%  | 0.052%  |
| 59 | 11.231 | 1526 | 1530 | 1532 | rBV2 | 199   | 257    | 0.13%  | 0.016%  |
| 60 | 11.274 | 1535 | 1537 | 1540 | rBV3 | 245   | 318    | 0.17%  | 0.020%  |
| 61 | 11.408 | 1556 | 1559 | 1560 | rBV2 | 552   | 417    | 0.22%  | 0.026%  |
| 62 | 11.445 | 1561 | 1565 | 1570 | rVB2 | 4591  | 7321   | 3.82%  | 0.455%  |
| 63 | 11.634 | 1589 | 1596 | 1605 | rBV  | 98833 | 164659 | 85.91% | 10.242% |
| 64 | 11.701 | 1605 | 1607 | 1609 | rBV2 | 661   | 642    | 0.33%  | 0.040%  |
| 65 | 11.804 | 1622 | 1624 | 1626 | rBV  | 317   | 231    | 0.12%  | 0.014%  |
| 66 | 11.841 | 1626 | 1630 | 1635 | rVV2 | 688   | 937    | 0.49%  | 0.058%  |
| 67 | 12.036 | 1657 | 1662 | 1663 | rBV2 | 265   | 333    | 0.17%  | 0.021%  |
| 68 | 12.067 | 1663 | 1667 | 1668 | rVB2 | 328   | 338    | 0.18%  | 0.021%  |
| 69 | 12.268 | 1697 | 1700 | 1704 | rBV2 | 239   | 285    | 0.15%  | 0.018%  |
| 70 | 12.347 | 1710 | 1713 | 1715 | rBV  | 265   | 322    | 0.17%  | 0.020%  |
| 71 | 12.432 | 1724 | 1727 | 1730 | rVB3 | 243   | 312    | 0.16%  | 0.019%  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
 Data File : VW005743.D  
 Acq On : 01 Oct 2018 18:37  
 Operator : SY/AP  
 Sample : J5180-12  
 Misc : 4.03G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLC21

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 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  | 12.469 | 1730 | 1733 | 1734 | rBV  | 307   | 304    | 0.16%  | 0.019% |
| 73  | 12.615 | 1752 | 1757 | 1764 | rVV2 | 11660 | 18527  | 9.67%  | 1.152% |
| 74  | 12.694 | 1764 | 1770 | 1777 | rVV  | 54331 | 90427  | 47.18% | 5.625% |
| 75  | 12.768 | 1779 | 1782 | 1786 | rBV2 | 430   | 615    | 0.32%  | 0.038% |
| 76  | 12.902 | 1799 | 1804 | 1807 | rBV  | 2177  | 3188   | 1.66%  | 0.198% |
| 77  | 12.944 | 1807 | 1811 | 1820 | rVB  | 3296  | 5137   | 2.68%  | 0.320% |
| 78  | 13.005 | 1820 | 1821 | 1824 | rVB3 | 250   | 225    | 0.12%  | 0.014% |
| 79  | 13.048 | 1824 | 1828 | 1831 | rBV3 | 353   | 624    | 0.33%  | 0.039% |
| 80  | 13.085 | 1831 | 1834 | 1835 | rBV2 | 248   | 255    | 0.13%  | 0.016% |
| 81  | 13.207 | 1849 | 1854 | 1857 | rBV3 | 464   | 609    | 0.32%  | 0.038% |
| 82  | 13.280 | 1865 | 1866 | 1867 | rVV  | 920   | 588    | 0.31%  | 0.037% |
| 83  | 13.304 | 1867 | 1870 | 1877 | rVB2 | 2478  | 3673   | 1.92%  | 0.228% |
| 84  | 13.414 | 1884 | 1888 | 1892 | rVB3 | 1159  | 1622   | 0.85%  | 0.101% |
| 85  | 13.450 | 1892 | 1894 | 1895 | rBV  | 233   | 211    | 0.11%  | 0.013% |
| 86  | 13.469 | 1895 | 1897 | 1901 | rBV2 | 522   | 523    | 0.27%  | 0.033% |
| 87  | 13.566 | 1906 | 1913 | 1920 | rVV  | 89870 | 149247 | 77.87% | 9.283% |
| 88  | 13.652 | 1923 | 1927 | 1935 | rVB  | 9199  | 14295  | 7.46%  | 0.889% |
| 89  | 13.774 | 1944 | 1947 | 1949 | rBV3 | 711   | 865    | 0.45%  | 0.054% |
| 90  | 13.859 | 1955 | 1961 | 1968 | rBV  | 81941 | 133211 | 69.50% | 8.286% |
| 91  | 14.078 | 1993 | 1997 | 2004 | rVB2 | 3067  | 4815   | 2.51%  | 0.299% |
| 92  | 14.219 | 2015 | 2020 | 2023 | rBV5 | 508   | 902    | 0.47%  | 0.056% |
| 93  | 14.328 | 2034 | 2038 | 2039 | rBV3 | 1132  | 1304   | 0.68%  | 0.081% |
| 94  | 14.426 | 2051 | 2054 | 2059 | rVB4 | 2894  | 4481   | 2.34%  | 0.279% |
| 95  | 14.694 | 2096 | 2098 | 2099 | rBV2 | 345   | 206    | 0.11%  | 0.013% |
| 96  | 14.847 | 2120 | 2123 | 2129 | rBV4 | 761   | 1382   | 0.72%  | 0.086% |
| 97  | 15.182 | 2175 | 2178 | 2180 | rBV2 | 857   | 940    | 0.49%  | 0.058% |
| 98  | 15.816 | 2281 | 2282 | 2286 | rVB4 | 778   | 783    | 0.41%  | 0.049% |
| 99  | 16.505 | 2393 | 2395 | 2397 | rBV  | 505   | 355    | 0.19%  | 0.022% |
| 100 | 16.584 | 2405 | 2408 | 2409 | rBV  | 711   | 529    | 0.28%  | 0.033% |

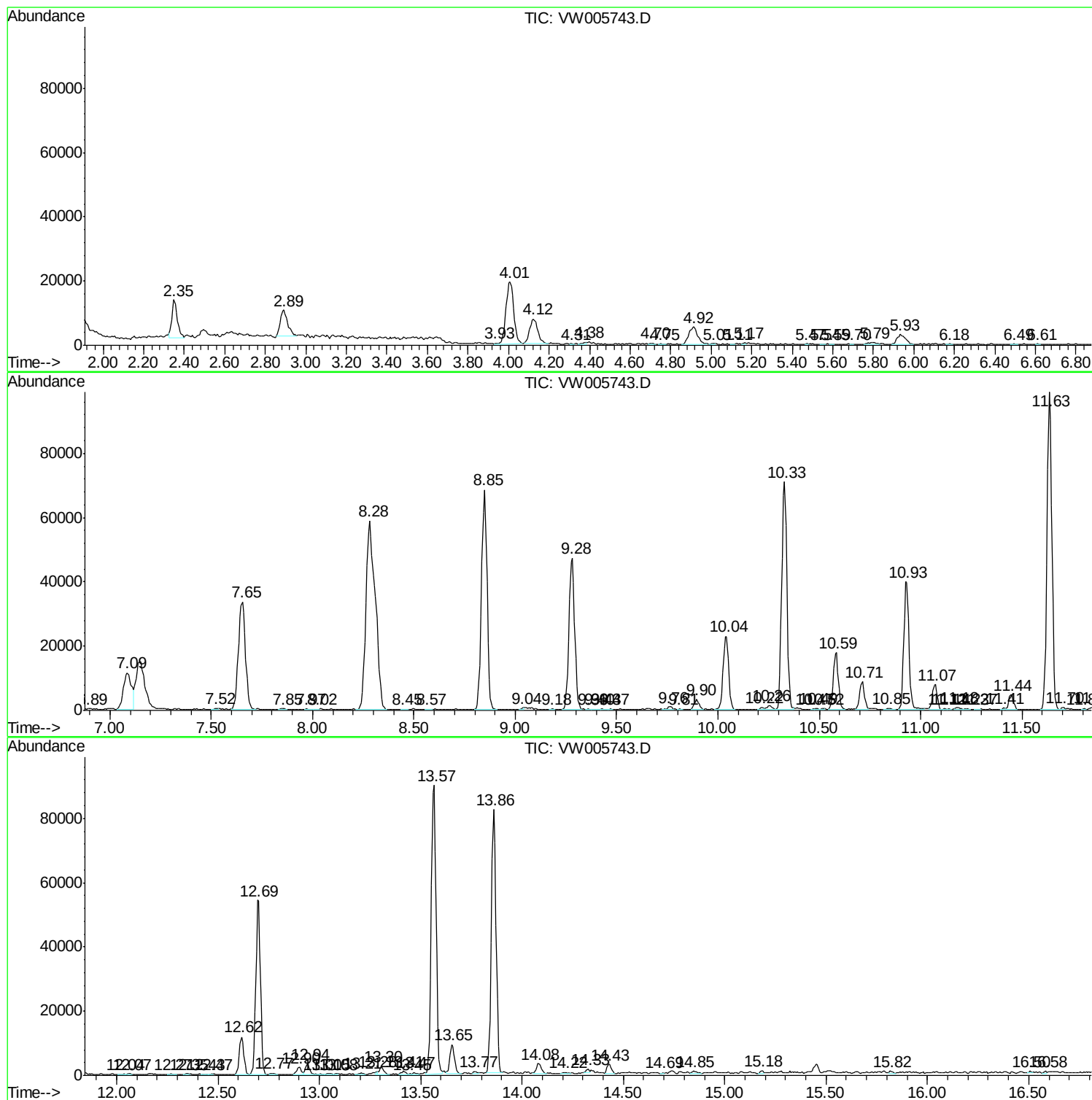
Sum of corrected areas: 1607716

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
Data File : VW005743.D  
Acq On : 01 Oct 2018 18:37  
Operator : SY/AP  
Sample : J5180-12  
Misc : 4.03G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JLC21

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\  
Data File : VW005743.D  
Acq On : 01 Oct 2018 18:37  
Operator : SY/AP  
Sample : J5180-12  
Misc : 4.03G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JLC21

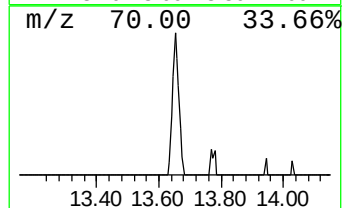
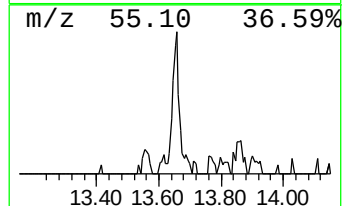
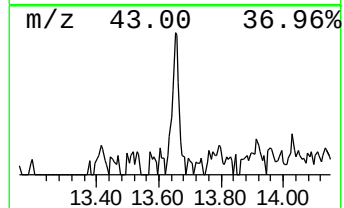
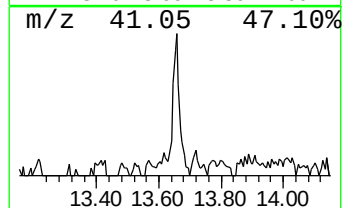
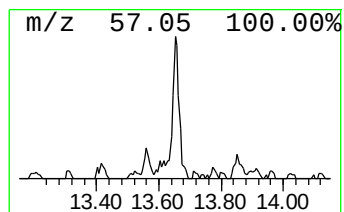
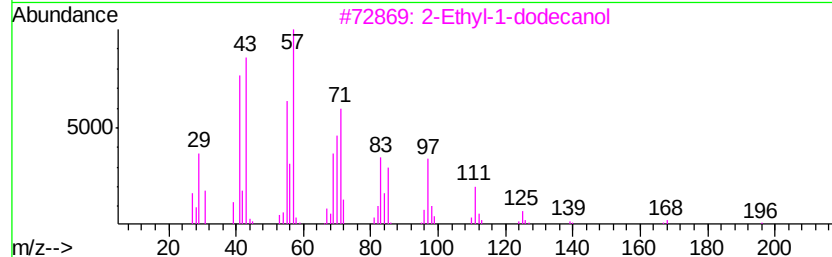
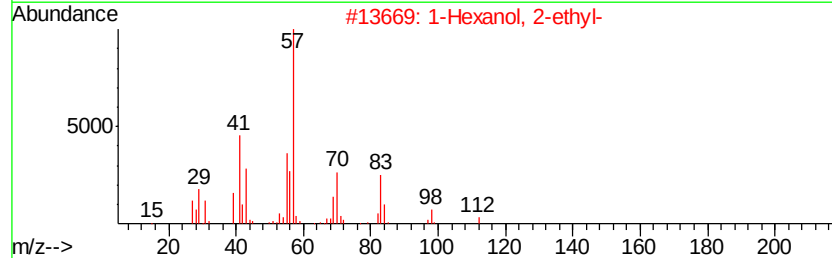
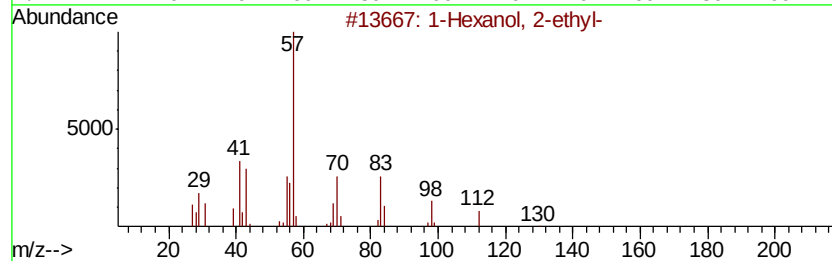
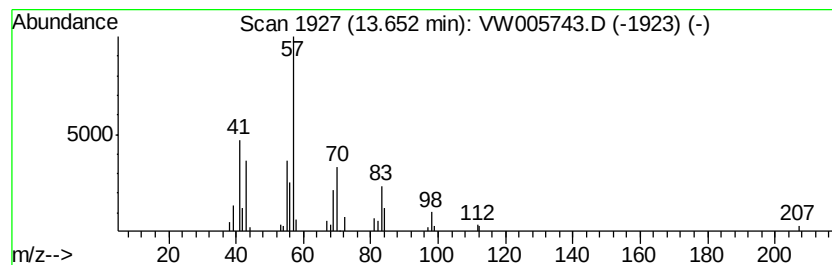
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 13.65 | 2.39 ug/L | 14295 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 78   |
| 2    |    | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 72   |
| 3    |    | 2-Ethyl-1-dodecanol | 214 | C14H30O | 019780-33-7 | 72   |
| 4    |    | 2-Propyl-1-pentanol | 130 | C8H18O  | 058175-57-8 | 64   |
| 5    |    | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 64   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW100118\  
Data File : VW005743.D  
Acq On : 01 Oct 2018 18:37  
Operator : SY/AP  
Sample : J5180-12  
Misc : 4.03G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JLC21

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

| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                     |       |         |       |          | #                     | RT    | Resp   | Conc |
| 1-Hexanol, 2-ethyl- | 13.65 | 2.4     | ug/L  | 14295    | 3                     | 13.57 | 149247 | 25.0 |