

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\  
 Data File : VW011888.D  
 Acq On : 13 Aug 2019 11:55  
 Operator : SY/VA  
 Sample : K4215-19  
 Misc : 5.03G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ETOD5

## 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\SOM2WLM073019S.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         | 2.178       | 36            | 45          | 53           | rBV3     | 14101          | 52800         | 6.41%           | 1.025%        |
| 2         | 2.349       | 68            | 73          | 83           | rVB      | 58203          | 107077        | 13.00%          | 2.079%        |
| 3         | 2.885       | 155           | 161         | 172          | rVB      | 46242          | 107823        | 13.09%          | 2.094%        |
| 4         | 3.257       | 218           | 222         | 223          | rBV3     | 1014           | 1423          | 0.17%           | 0.028%        |
| 5         | 3.379       | 236           | 242         | 251          | rVB9     | 2216           | 6331          | 0.77%           | 0.123%        |
| 6         | 3.587       | 275           | 276         | 279          | rVV3     | 800            | 775           | 0.09%           | 0.015%        |
| 7         | 3.684       | 288           | 292         | 294          | rBV2     | 932            | 1339          | 0.16%           | 0.026%        |
| 8         | 3.861       | 314           | 321         | 322          | rBV4     | 3490           | 5334          | 0.65%           | 0.104%        |
| 9         | 4.013       | 336           | 346         | 359          | rBV      | 100763         | 308892        | 37.51%          | 5.998%        |
| 10        | 4.135       | 359           | 366         | 370          | rVV      | 14865          | 41636         | 5.06%           | 0.808%        |
| 11        | 4.196       | 370           | 376         | 391          | rVB      | 65534          | 191005        | 23.20%          | 3.709%        |
| 12        | 4.379       | 400           | 406         | 408          | rBV5     | 1745           | 3603          | 0.44%           | 0.070%        |
| 13        | 4.611       | 439           | 444         | 445          | rVV4     | 958            | 1709          | 0.21%           | 0.033%        |
| 14        | 4.653       | 449           | 451         | 453          | rVV3     | 844            | 952           | 0.12%           | 0.018%        |
| 15        | 4.672       | 453           | 454         | 459          | rVB3     | 1284           | 1269          | 0.15%           | 0.025%        |
| 16        | 4.903       | 481           | 492         | 507          | rVV5     | 16059          | 60302         | 7.32%           | 1.171%        |
| 17        | 5.403       | 567           | 574         | 575          | rBV4     | 459            | 899           | 0.11%           | 0.017%        |
| 18        | 5.946       | 651           | 663         | 671          | rBV4     | 6495           | 20708         | 2.51%           | 0.402%        |
| 19        | 6.281       | 712           | 718         | 722          | rBV5     | 714            | 1897          | 0.23%           | 0.037%        |
| 20        | 6.464       | 744           | 748         | 750          | rBV3     | 513            | 687           | 0.08%           | 0.013%        |
| 21        | 6.616       | 771           | 773         | 778          | rVB3     | 816            | 1070          | 0.13%           | 0.021%        |
| 22        | 6.988       | 829           | 834         | 836          | rBV3     | 801            | 847           | 0.10%           | 0.016%        |
| 23        | 7.086       | 840           | 850         | 852          | rBV      | 11298          | 24378         | 2.96%           | 0.473%        |
| 24        | 7.354       | 891           | 894         | 899          | rVB4     | 401            | 701           | 0.09%           | 0.014%        |
| 25        | 7.452       | 905           | 910         | 911          | rBV3     | 522            | 693           | 0.08%           | 0.013%        |
| 26        | 7.647       | 932           | 942         | 954          | rVV      | 129273         | 319617        | 38.81%          | 6.206%        |
| 27        | 7.885       | 976           | 981         | 984          | rBV5     | 647            | 923           | 0.11%           | 0.018%        |
| 28        | 7.952       | 989           | 992         | 1000         | rVB6     | 1327           | 2473          | 0.30%           | 0.048%        |
| 29        | 8.275       | 1033          | 1045        | 1059         | rBV2     | 276485         | 823472        | 100.00%         | 15.990%       |
| 30        | 8.470       | 1072          | 1077        | 1080         | rBV5     | 909            | 1640          | 0.20%           | 0.032%        |
| 31        | 8.701       | 1109          | 1115        | 1116         | rBV6     | 1081           | 1617          | 0.20%           | 0.031%        |
| 32        | 8.842       | 1128          | 1138        | 1150         | rBV      | 295718         | 587591        | 71.36%          | 11.410%       |
| 33        | 9.073       | 1174          | 1176        | 1180         | rVB3     | 1551           | 2106          | 0.26%           | 0.041%        |
| 34        | 9.275       | 1200          | 1209        | 1225         | rBV      | 195211         | 396744        | 48.18%          | 7.704%        |

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 ALS Vial : 1 Sample Multiplier: 1

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 MSVOA\_W  
 ClientSampleId :  
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## 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\SOM2WLM073019S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 9.439  | 1231 | 1236 | 1245 | rVB8 | 1369   | 2717   | 0.33%  | 0.053%  |
| 36 | 9.622  | 1257 | 1266 | 1268 | rBV6 | 578    | 1467   | 0.18%  | 0.028%  |
| 37 | 9.665  | 1268 | 1273 | 1279 | rBV8 | 1334   | 3456   | 0.42%  | 0.067%  |
| 38 | 9.750  | 1281 | 1287 | 1289 | rBV4 | 913    | 1566   | 0.19%  | 0.030%  |
| 39 | 9.896  | 1304 | 1311 | 1315 | rVB5 | 1183   | 2174   | 0.26%  | 0.042%  |
| 40 | 9.957  | 1319 | 1321 | 1325 | rVB4 | 742    | 1011   | 0.12%  | 0.020%  |
| 41 | 10.037 | 1326 | 1334 | 1342 | rBV  | 40728  | 75865  | 9.21%  | 1.473%  |
| 42 | 10.134 | 1343 | 1350 | 1360 | rVV3 | 28249  | 74205  | 9.01%  | 1.441%  |
| 43 | 10.323 | 1373 | 1381 | 1389 | rBV  | 295200 | 518065 | 62.91% | 10.060% |
| 44 | 10.384 | 1389 | 1391 | 1398 | rVB4 | 3883   | 6162   | 0.75%  | 0.120%  |
| 45 | 10.506 | 1406 | 1411 | 1416 | rBV5 | 1898   | 2872   | 0.35%  | 0.056%  |
| 46 | 10.579 | 1416 | 1423 | 1432 | rBV  | 28479  | 47944  | 5.82%  | 0.931%  |
| 47 | 10.707 | 1438 | 1444 | 1449 | rBV2 | 11788  | 19867  | 2.41%  | 0.386%  |
| 48 | 10.762 | 1449 | 1453 | 1459 | rVB6 | 2467   | 4350   | 0.53%  | 0.084%  |
| 49 | 10.933 | 1472 | 1481 | 1482 | rBV2 | 44414  | 74791  | 9.08%  | 1.452%  |
| 50 | 11.073 | 1500 | 1504 | 1507 | rBV4 | 1333   | 2025   | 0.25%  | 0.039%  |
| 51 | 11.103 | 1507 | 1509 | 1510 | rVV2 | 1058   | 1006   | 0.12%  | 0.020%  |
| 52 | 11.122 | 1510 | 1512 | 1516 | rVB5 | 1418   | 1097   | 0.13%  | 0.021%  |
| 53 | 11.225 | 1525 | 1529 | 1533 | rBV6 | 1532   | 2453   | 0.30%  | 0.048%  |
| 54 | 11.372 | 1551 | 1553 | 1555 | rBV3 | 668    | 757    | 0.09%  | 0.015%  |
| 55 | 11.402 | 1555 | 1558 | 1561 | rVV3 | 558    | 815    | 0.10%  | 0.016%  |
| 56 | 11.469 | 1565 | 1569 | 1573 | rBV4 | 643    | 1155   | 0.14%  | 0.022%  |
| 57 | 11.628 | 1587 | 1595 | 1608 | rBV  | 271246 | 479319 | 58.21% | 9.307%  |
| 58 | 11.731 | 1608 | 1612 | 1616 | rBV2 | 3094   | 5263   | 0.64%  | 0.102%  |
| 59 | 11.841 | 1625 | 1630 | 1639 | rBV7 | 3128   | 6918   | 0.84%  | 0.134%  |
| 60 | 12.140 | 1674 | 1679 | 1680 | rBV4 | 516    | 877    | 0.11%  | 0.017%  |
| 61 | 12.164 | 1680 | 1683 | 1690 | rVB5 | 2132   | 4141   | 0.50%  | 0.080%  |
| 62 | 12.341 | 1706 | 1712 | 1713 | rBV4 | 1084   | 1705   | 0.21%  | 0.033%  |
| 63 | 12.353 | 1713 | 1714 | 1721 | rVB6 | 1236   | 2117   | 0.26%  | 0.041%  |
| 64 | 12.469 | 1728 | 1733 | 1737 | rBV7 | 1797   | 2938   | 0.36%  | 0.057%  |
| 65 | 12.518 | 1737 | 1741 | 1743 | rBV3 | 943    | 1209   | 0.15%  | 0.023%  |
| 66 | 12.609 | 1750 | 1756 | 1761 | rVB  | 18749  | 30174  | 3.66%  | 0.586%  |
| 67 | 12.695 | 1762 | 1770 | 1777 | rBV  | 99838  | 170958 | 20.76% | 3.320%  |
| 68 | 12.768 | 1779 | 1782 | 1786 | rVV5 | 1112   | 1670   | 0.20%  | 0.032%  |
| 69 | 12.871 | 1794 | 1799 | 1802 | rBV6 | 1216   | 1821   | 0.22%  | 0.035%  |
| 70 | 12.938 | 1805 | 1810 | 1816 | rVV7 | 3250   | 5712   | 0.69%  | 0.111%  |
| 71 | 13.030 | 1820 | 1825 | 1828 | rBV5 | 674    | 1232   | 0.15%  | 0.024%  |

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 ALS Vial : 1 Sample Multiplier: 1

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 MSVOA\_W  
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 ETOD5

## 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\SOM2WLM073019S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 13.085 | 1831 | 1834 | 1837 | rBV3 | 581    | 657    | 0.08%  | 0.013% |
| 73  | 13.207 | 1848 | 1854 | 1859 | rBV  | 10342  | 18616  | 2.26%  | 0.361% |
| 74  | 13.280 | 1865 | 1866 | 1871 | rVB3 | 920    | 776    | 0.09%  | 0.015% |
| 75  | 13.469 | 1891 | 1897 | 1900 | rBV6 | 2687   | 4547   | 0.55%  | 0.088% |
| 76  | 13.499 | 1900 | 1902 | 1905 | rVV3 | 2106   | 2176   | 0.26%  | 0.042% |
| 77  | 13.560 | 1905 | 1912 | 1920 | rVV  | 123893 | 207512 | 25.20% | 4.029% |
| 78  | 13.713 | 1932 | 1937 | 1938 | rBV4 | 679    | 780    | 0.09%  | 0.015% |
| 79  | 13.768 | 1943 | 1946 | 1949 | rBV5 | 727    | 1132   | 0.14%  | 0.022% |
| 80  | 13.853 | 1953 | 1960 | 1967 | rBV  | 106081 | 176892 | 21.48% | 3.435% |
| 81  | 13.999 | 1982 | 1984 | 1986 | rBV2 | 1076   | 1254   | 0.15%  | 0.024% |
| 82  | 14.072 | 1990 | 1996 | 2003 | rVV2 | 19646  | 32982  | 4.01%  | 0.640% |
| 83  | 14.152 | 2007 | 2009 | 2012 | rVB3 | 990    | 777    | 0.09%  | 0.015% |
| 84  | 14.322 | 2034 | 2037 | 2043 | rVV5 | 1474   | 2528   | 0.31%  | 0.049% |
| 85  | 14.414 | 2050 | 2052 | 2056 | rVB2 | 614    | 680    | 0.08%  | 0.013% |
| 86  | 14.457 | 2058 | 2059 | 2062 | rBV3 | 618    | 661    | 0.08%  | 0.013% |
| 87  | 14.633 | 2083 | 2088 | 2091 | rBV4 | 1397   | 1986   | 0.24%  | 0.039% |
| 88  | 14.895 | 2129 | 2131 | 2134 | rBV4 | 597    | 729    | 0.09%  | 0.014% |
| 89  | 15.109 | 2164 | 2166 | 2167 | rVV  | 1111   | 692    | 0.08%  | 0.013% |
| 90  | 15.133 | 2167 | 2170 | 2175 | rVB6 | 1607   | 2576   | 0.31%  | 0.050% |
| 91  | 15.249 | 2181 | 2189 | 2192 | rBV6 | 899    | 1716   | 0.21%  | 0.033% |
| 92  | 15.322 | 2199 | 2201 | 2206 | rVB5 | 728    | 1215   | 0.15%  | 0.024% |
| 93  | 15.371 | 2206 | 2209 | 2210 | rBV3 | 1537   | 1347   | 0.16%  | 0.026% |
| 94  | 15.438 | 2212 | 2220 | 2224 | rVV5 | 5417   | 11965  | 1.45%  | 0.232% |
| 95  | 15.499 | 2224 | 2230 | 2237 | rVV  | 14403  | 25782  | 3.13%  | 0.501% |
| 96  | 15.554 | 2237 | 2239 | 2245 | rVB5 | 1673   | 2469   | 0.30%  | 0.048% |
| 97  | 15.688 | 2259 | 2261 | 2264 | rBV4 | 711    | 807    | 0.10%  | 0.016% |
| 98  | 15.810 | 2276 | 2281 | 2285 | rBV5 | 1264   | 2346   | 0.28%  | 0.046% |
| 99  | 16.096 | 2325 | 2328 | 2330 | rBV4 | 791    | 964    | 0.12%  | 0.019% |
| 100 | 16.401 | 2374 | 2378 | 2381 | rBV5 | 743    | 1225   | 0.15%  | 0.024% |

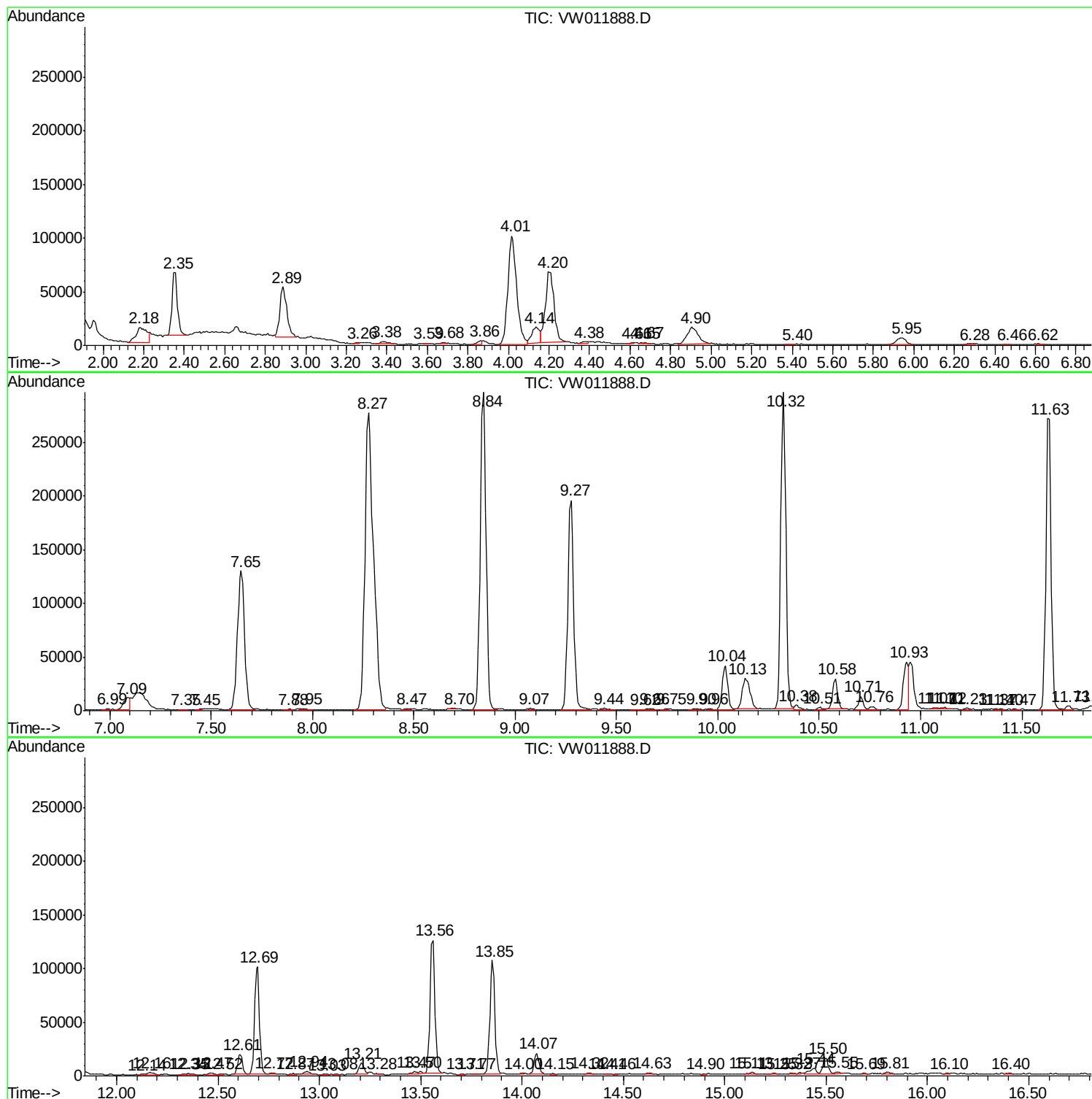
Sum of corrected areas: 5149996

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Instrument :  
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ClientSampled :  
ETOD5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081319\  
Data File : VW011888.D  
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Instrument :  
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ClientSampled :  
ETOD5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
Quant Title : VOC Analysis

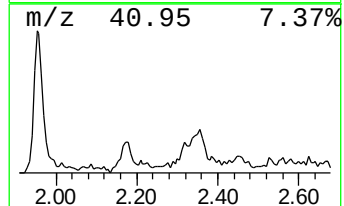
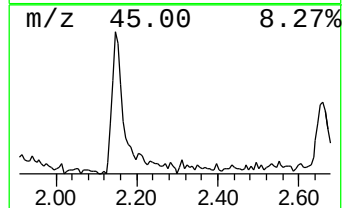
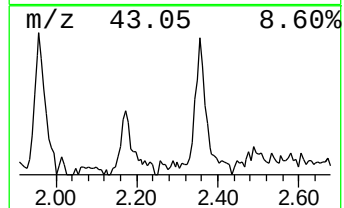
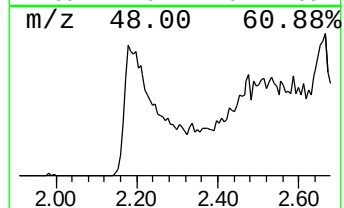
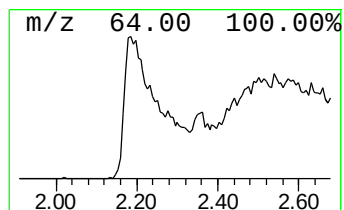
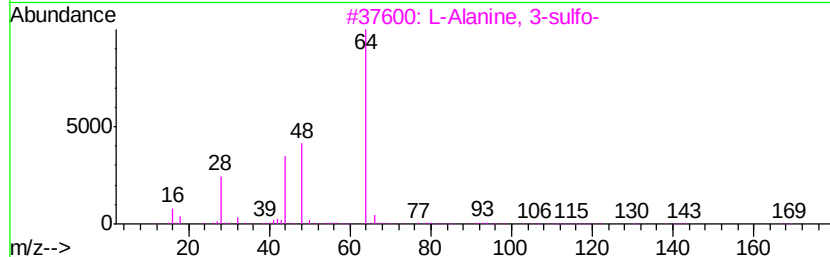
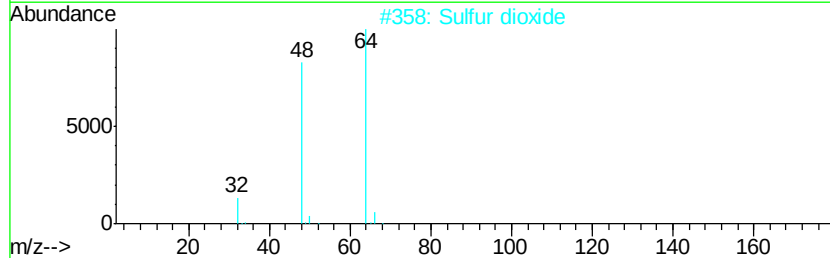
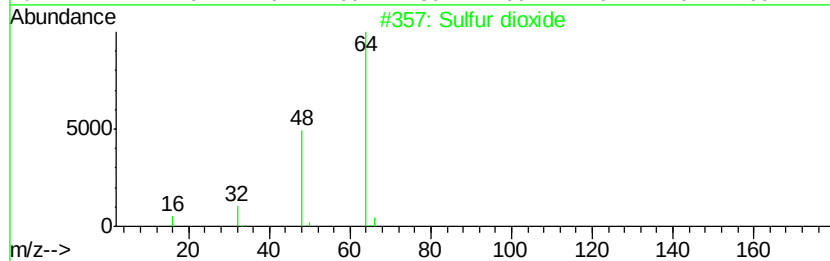
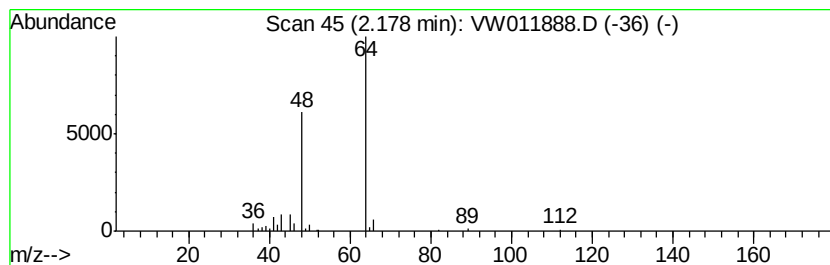
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 7

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.18 | 2.25 ug/L | 52800 | 1,4-Difluorobenzene | 8.84 |

| Hit# | of | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------------|-----|----------|-------------|------|
| 1    | 5  | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 78   |
| 2    |    | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 64   |
| 3    |    | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 64   |
| 4    |    | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 64   |
| 5    |    | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 43   |



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Misc : 5.03G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampled :  
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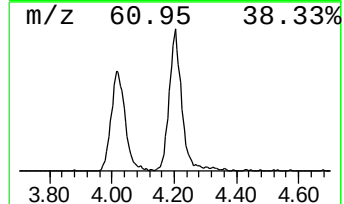
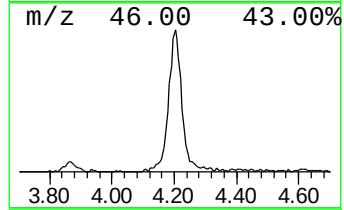
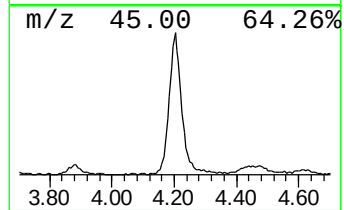
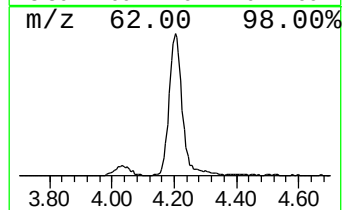
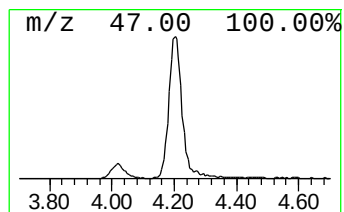
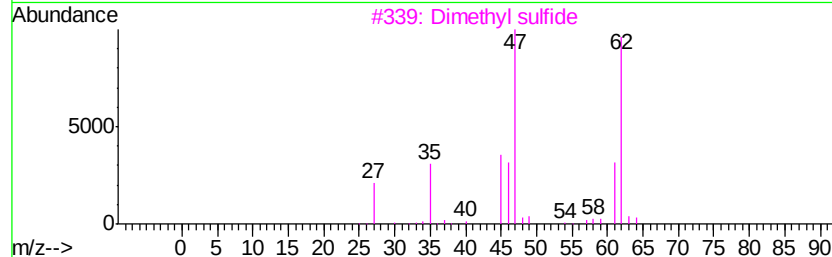
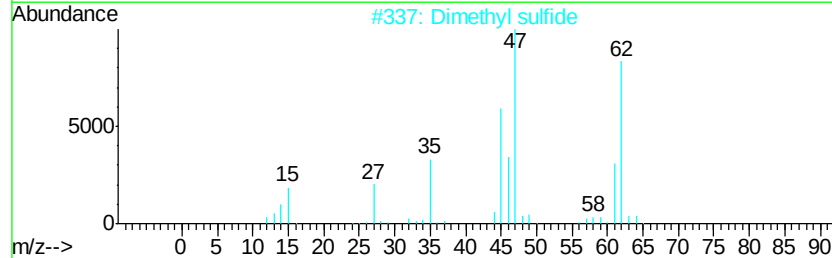
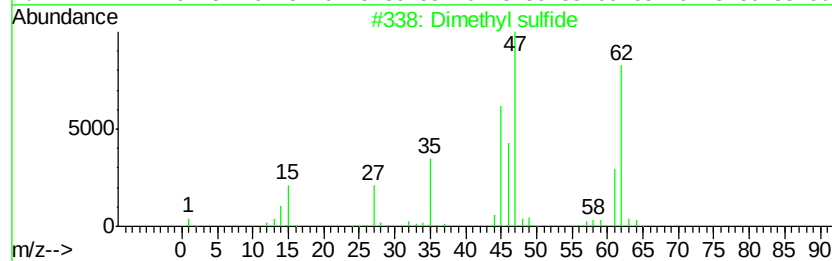
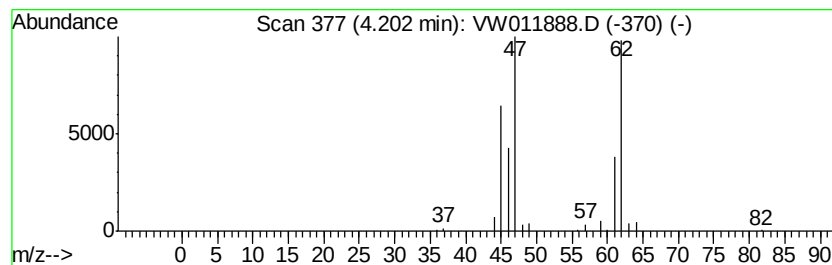
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 2 Dimethyl sulfide Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 4.20 | 8.13 ug/L | 191005 | 1,4-Difluorobenzene | 8.84 |

| Hit# | of | Tentative ID                  | MW | MolForm | CAS#        | Qual |
|------|----|-------------------------------|----|---------|-------------|------|
| 1    | 5  | Dimethyl sulfide              | 62 | C2H6S   | 000075-18-3 | 97   |
| 2    |    | Dimethyl sulfide              | 62 | C2H6S   | 000075-18-3 | 95   |
| 3    |    | Dimethyl sulfide              | 62 | C2H6S   | 000075-18-3 | 95   |
| 4    |    | Dimethyl sulfide              | 62 | C2H6S   | 000075-18-3 | 91   |
| 5    |    | Borane-methyl sulfide complex | 76 | C2H9BS  | 013292-87-0 | 64   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081319\  
Data File : VW011888.D  
Acq On : 13 Aug 2019 11:55  
Operator : SY/VA  
Sample : K4215-19  
Misc : 5.03G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETOD5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
Quant Title : VOC Analysis

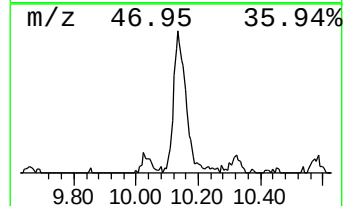
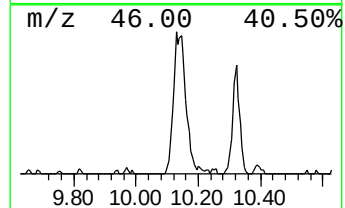
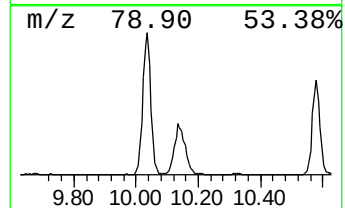
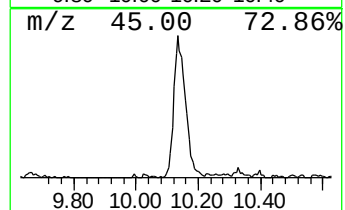
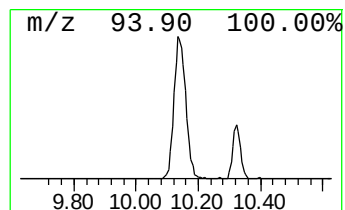
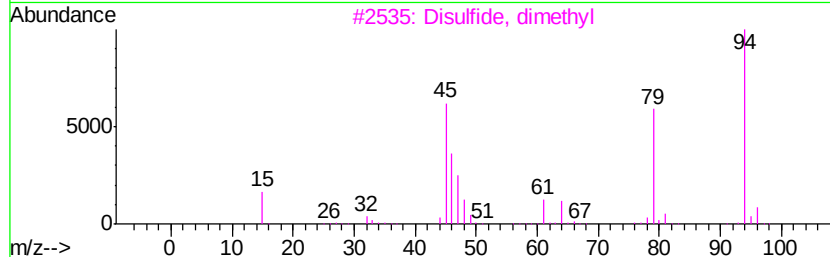
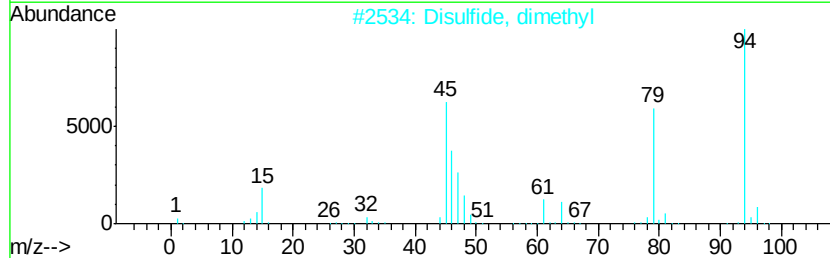
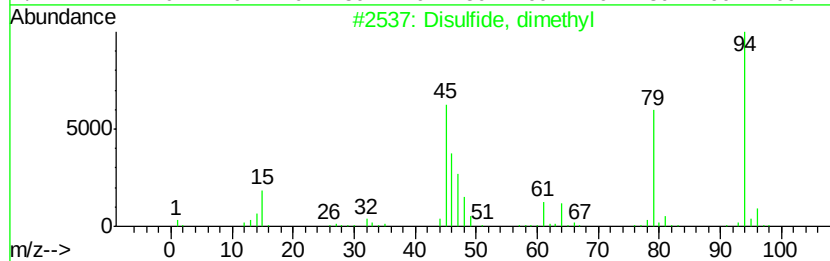
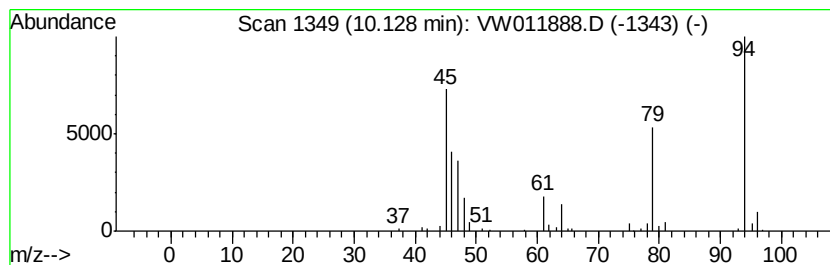
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Disulfide, dimethyl Concentration Rank 5

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T. |
|-------|-----------|-------|---------------------|------|
| 10.13 | 3.16 ug/L | 74205 | 1,4-Difluorobenzene | 8.84 |

| Hit# | of | Tentative ID        | MW | MolForm | CAS#        | Qual |
|------|----|---------------------|----|---------|-------------|------|
| 1    | 5  | Disulfide, dimethyl | 94 | C2H6S2  | 000624-92-0 | 94   |
| 2    |    | Disulfide, dimethyl | 94 | C2H6S2  | 000624-92-0 | 93   |
| 3    |    | Disulfide, dimethyl | 94 | C2H6S2  | 000624-92-0 | 93   |
| 4    |    | Disulfide, dimethyl | 94 | C2H6S2  | 000624-92-0 | 91   |
| 5    |    | Disulfide, dimethyl | 94 | C2H6S2  | 000624-92-0 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081319\  
Data File : VW011888.D  
Acq On : 13 Aug 2019 11:55  
Operator : SY/VA  
Sample : K4215-19  
Misc : 5.03G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETOD5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
Quant Title : VOC Analysis

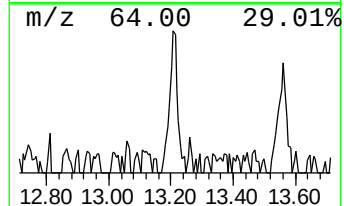
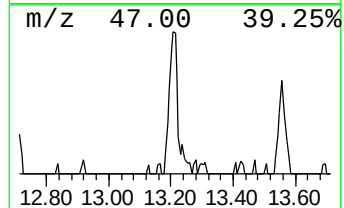
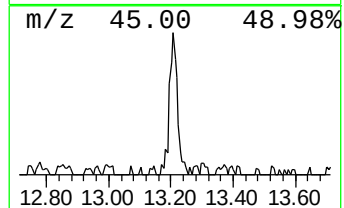
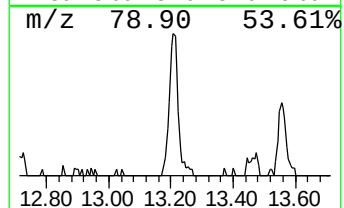
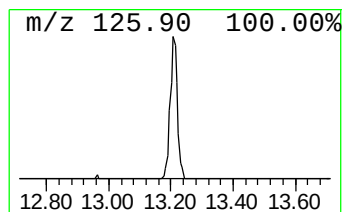
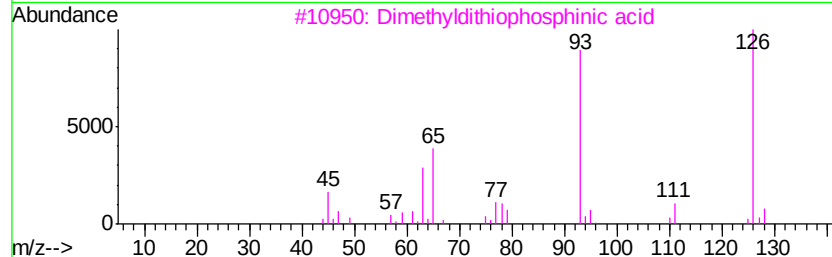
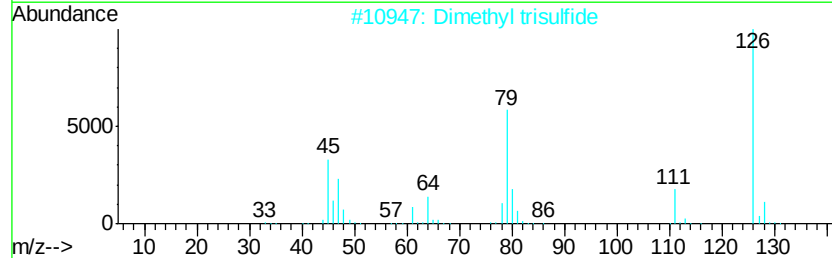
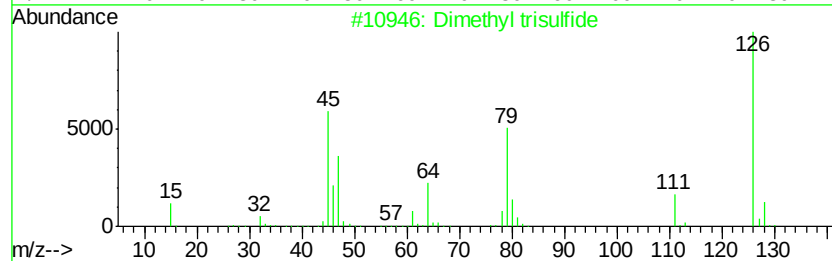
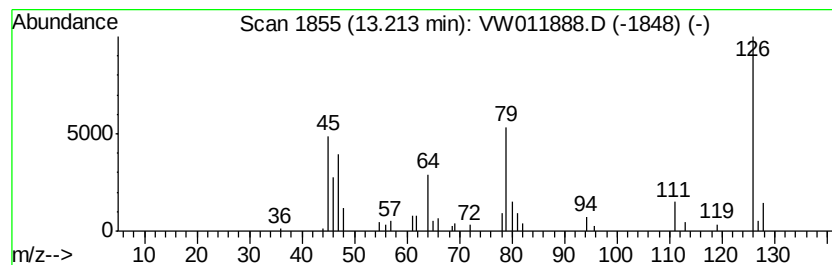
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Dimethyl trisulfide Concentration Rank 8

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 13.21 | 2.24 ug/L | 18616 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------|-----|----------|-------------|------|
| 1    | 5  | Dimethyl trisulfide           | 126 | C2H6S3   | 003658-80-8 | 94   |
| 2    |    | Dimethyl trisulfide           | 126 | C2H6S3   | 003658-80-8 | 87   |
| 3    |    | Dimethyldithiophosphinic acid | 126 | C2H7PS2  | 016367-68-3 | 25   |
| 4    |    | 4-Methyl-2-pyrimidinethiol    | 126 | C5H6N2S  | 035071-17-1 | 9    |
| 5    |    | Thymine                       | 126 | C5H6N2O2 | 000065-71-4 | 9    |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081319\  
Data File : VW011888.D  
Acq On : 13 Aug 2019 11:55  
Operator : SY/VA  
Sample : K4215-19  
Misc : 5.03G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

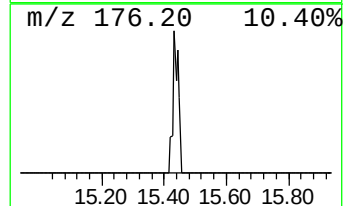
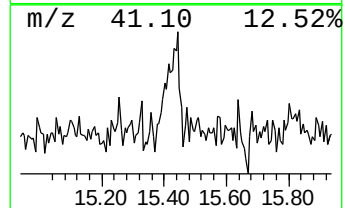
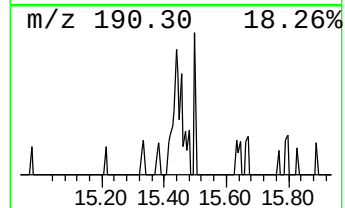
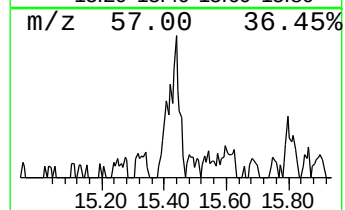
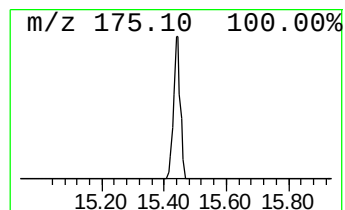
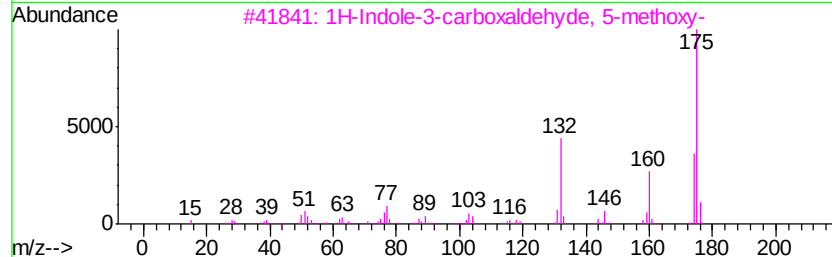
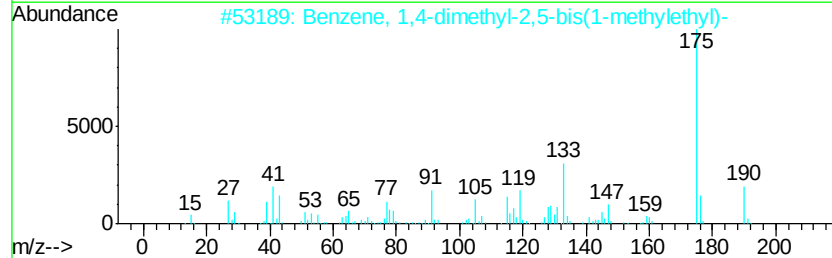
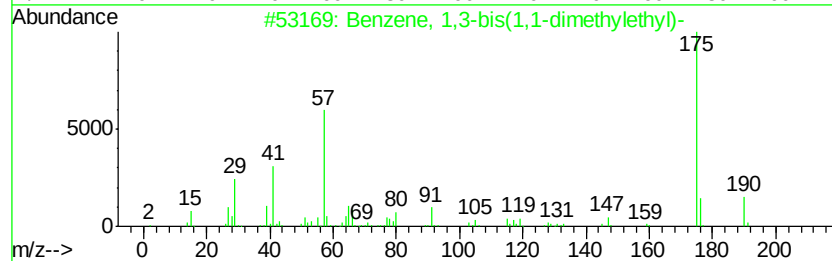
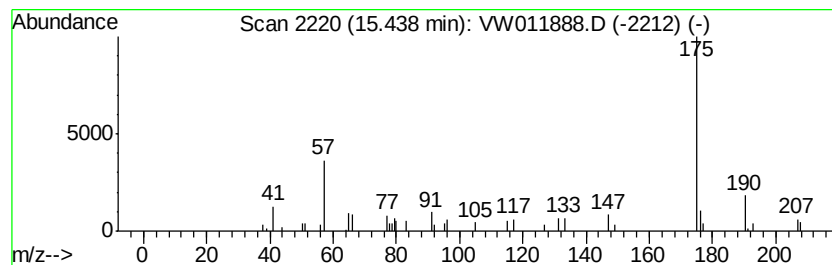
Instrument :  
MSVOA\_W  
ClientSampleId :  
ETOD5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
Quant Title : VOC Analysis

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

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Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 9

| R.T.    | EstConc   | Area                                | Relative to ISTD       | R.T.           |
|---------|-----------|-------------------------------------|------------------------|----------------|
| 15.44   | 1.44 ug/L | 11965                               | 1,4-Dichlorobenzene-d4 | 13.56          |
| Hit# of | 5         | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |           | Benzene, 1,3-bis(1,1-dimethyleth... | 190 C14H22             | 001014-60-4 64 |
| 2       |           | Benzene, 1,4-dimethyl-2,5-bis(1-... | 190 C14H22             | 010375-96-9 64 |
| 3       |           | 1H-Indole-3-carboxaldehyde, 5-me... | 175 C10H9NO2           | 010601-19-1 59 |
| 4       |           | Benzene, 1,3-bis(1,1-dimethyleth... | 190 C14H22             | 001014-60-4 59 |
| 5       |           | Precocene I                         | 190 C12H14O2           | 017598-02-6 59 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW081319\  
Data File : VW011888.D  
Acq On : 13 Aug 2019 11:55  
Operator : SY/VA  
Sample : K4215-19  
Misc : 5.03G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ETOD5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.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 |
| Sulfur dioxide       | 2.18  | 2.3     | ug/L  | 52800    | 1                       | 8.84  | 587591 | 25.0 |
| Dimethyl sulfide     | 4.20  | 8.1     | ug/L  | 191005   | 1                       | 8.84  | 587591 | 25.0 |
| Disulfide, dimethyl  | 10.13 | 3.2     | ug/L  | 74205    | 1                       | 8.84  | 587591 | 25.0 |
| Dimethyl trisulfide  | 13.21 | 2.2     | ug/L  | 18616    | 3                       | 13.56 | 207512 | 25.0 |
| Benzene, 1,3-bis(... | 15.44 | 1.4     | ug/L  | 11965    | 3                       | 13.56 | 207512 | 25.0 |