

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\  
 Data File : VW009677.D  
 Acq On : 04 Apr 2019 01:22  
 Operator : SY/VA  
 Sample : K2168-17  
 Misc : 5.62G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF659

## 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\SOM2WLM040319S.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         | 1.952       | 6             | 8           | 15           | rVB5     | 5849           | 11331         | 0.52%           | 0.068%        |
| 2         | 2.153       | 37            | 41          | 47           | rBV3     | 9871           | 22973         | 1.06%           | 0.138%        |
| 3         | 2.208       | 47            | 50          | 51           | rBV3     | 1791           | 2209          | 0.10%           | 0.013%        |
| 4         | 2.361       | 66            | 75          | 90           | rBV      | 135276         | 334948        | 15.44%          | 2.016%        |
| 5         | 2.489       | 90            | 96          | 102          | rBV      | 7371           | 19036         | 0.88%           | 0.115%        |
| 6         | 2.629       | 114           | 119         | 123          | rBV7     | 4780           | 10275         | 0.47%           | 0.062%        |
| 7         | 2.745       | 136           | 138         | 141          | rVB4     | 2868           | 2609          | 0.12%           | 0.016%        |
| 8         | 2.891       | 154           | 162         | 175          | rBV2     | 104996         | 288255        | 13.29%          | 1.735%        |
| 9         | 3.190       | 209           | 211         | 213          | rBV3     | 2265           | 2511          | 0.12%           | 0.015%        |
| 10        | 3.263       | 221           | 223         | 227          | rVB5     | 3548           | 2892          | 0.13%           | 0.017%        |
| 11        | 3.385       | 240           | 243         | 245          | rBV4     | 2721           | 3261          | 0.15%           | 0.020%        |
| 12        | 3.678       | 289           | 291         | 294          | rVB2     | 2544           | 2472          | 0.11%           | 0.015%        |
| 13        | 3.769       | 305           | 306         | 313          | rVB6     | 1581           | 2472          | 0.11%           | 0.015%        |
| 14        | 3.860       | 313           | 321         | 326          | rBV8     | 4043           | 12520         | 0.58%           | 0.075%        |
| 15        | 4.013       | 333           | 346         | 357          | rBV      | 244985         | 813654        | 37.51%          | 4.898%        |
| 16        | 4.117       | 357           | 363         | 380          | rVB      | 42640          | 132819        | 6.12%           | 0.800%        |
| 17        | 4.379       | 395           | 406         | 419          | rVB3     | 10384          | 38041         | 1.75%           | 0.229%        |
| 18        | 4.671       | 448           | 454         | 457          | rVB5     | 1858           | 3656          | 0.17%           | 0.022%        |
| 19        | 4.708       | 457           | 460         | 463          | rBV5     | 1305           | 1946          | 0.09%           | 0.012%        |
| 20        | 4.915       | 482           | 494         | 511          | rBV4     | 30082          | 123289        | 5.68%           | 0.742%        |
| 21        | 5.391       | 566           | 572         | 575          | rBV4     | 1218           | 2062          | 0.10%           | 0.012%        |
| 22        | 5.787       | 629           | 637         | 644          | rBV4     | 3739           | 11917         | 0.55%           | 0.072%        |
| 23        | 5.927       | 651           | 660         | 661          | rBV5     | 8066           | 15491         | 0.71%           | 0.093%        |
| 24        | 6.903       | 809           | 820         | 827          | rBV5     | 7666           | 23939         | 1.10%           | 0.144%        |
| 25        | 6.976       | 829           | 832         | 836          | rBV4     | 1357           | 2006          | 0.09%           | 0.012%        |
| 26        | 7.073       | 839           | 848         | 858          | rBV      | 62138          | 180737        | 8.33%           | 1.088%        |
| 27        | 7.171       | 862           | 864         | 873          | rVB2     | 10626          | 21464         | 0.99%           | 0.129%        |
| 28        | 7.640       | 931           | 941         | 952          | rBV      | 385530         | 940381        | 43.35%          | 5.661%        |
| 29        | 8.122       | 1018          | 1020        | 1023         | rBV3     | 1369           | 1996          | 0.09%           | 0.012%        |
| 30        | 8.274       | 1034          | 1045        | 1062         | rBV2     | 732231         | 2169300       | 100.00%         | 13.059%       |
| 31        | 8.390       | 1062          | 1064        | 1069         | rVB6     | 2066           | 3618          | 0.17%           | 0.022%        |
| 32        | 8.549       | 1086          | 1090        | 1094         | rBV6     | 1728           | 2935          | 0.14%           | 0.018%        |
| 33        | 8.628       | 1098          | 1103        | 1107         | rBV6     | 2216           | 3911          | 0.18%           | 0.024%        |
| 34        | 8.841       | 1127          | 1138        | 1151         | rVV      | 655458         | 1294028       | 59.65%          | 7.790%        |

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Filtering: 5  
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 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\SOM2WLM040319S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 9.030  | 1164 | 1169 | 1170 | rBV4 | 4157    | 5550    | 0.26%  | 0.033%  |
| 36 | 9.073  | 1170 | 1176 | 1186 | rVB3 | 15864   | 35614   | 1.64%  | 0.214%  |
| 37 | 9.274  | 1199 | 1209 | 1217 | rBV  | 499605  | 1028170 | 47.40% | 6.189%  |
| 38 | 9.335  | 1217 | 1219 | 1226 | rVB7 | 3782    | 6147    | 0.28%  | 0.037%  |
| 39 | 9.402  | 1226 | 1230 | 1231 | rBV4 | 1574    | 2085    | 0.10%  | 0.013%  |
| 40 | 9.768  | 1281 | 1290 | 1294 | rBV5 | 3287    | 8047    | 0.37%  | 0.048%  |
| 41 | 9.890  | 1303 | 1310 | 1317 | rBB5 | 6557    | 12835   | 0.59%  | 0.077%  |
| 42 | 10.030 | 1325 | 1333 | 1345 | rBV  | 271851  | 491039  | 22.64% | 2.956%  |
| 43 | 10.250 | 1364 | 1369 | 1373 | rBV3 | 3231    | 5724    | 0.26%  | 0.034%  |
| 44 | 10.323 | 1373 | 1381 | 1388 | rBV  | 1021909 | 1770622 | 81.62% | 10.659% |
| 45 | 10.390 | 1388 | 1392 | 1396 | rVB5 | 4161    | 7931    | 0.37%  | 0.048%  |
| 46 | 10.579 | 1415 | 1423 | 1431 | rBV  | 176975  | 306099  | 14.11% | 1.843%  |
| 47 | 10.707 | 1439 | 1444 | 1448 | rBV4 | 4582    | 7431    | 0.34%  | 0.045%  |
| 48 | 10.780 | 1451 | 1456 | 1459 | rBV7 | 2157    | 3731    | 0.17%  | 0.022%  |
| 49 | 10.926 | 1473 | 1480 | 1493 | rBV2 | 240785  | 427936  | 19.73% | 2.576%  |
| 50 | 11.073 | 1499 | 1504 | 1508 | rBV7 | 3360    | 5821    | 0.27%  | 0.035%  |
| 51 | 11.213 | 1524 | 1527 | 1529 | rBV4 | 2331    | 2768    | 0.13%  | 0.017%  |
| 52 | 11.274 | 1535 | 1537 | 1541 | rVB4 | 2198    | 2245    | 0.10%  | 0.014%  |
| 53 | 11.518 | 1572 | 1577 | 1578 | rBV5 | 3838    | 5306    | 0.24%  | 0.032%  |
| 54 | 11.536 | 1578 | 1580 | 1581 | rBV2 | 2696    | 1944    | 0.09%  | 0.012%  |
| 55 | 11.633 | 1588 | 1596 | 1606 | rVB  | 904367  | 1556121 | 71.73% | 9.368%  |
| 56 | 12.164 | 1679 | 1683 | 1686 | rBV5 | 1708    | 2764    | 0.13%  | 0.017%  |
| 57 | 12.341 | 1708 | 1712 | 1717 | rBV8 | 4091    | 8202    | 0.38%  | 0.049%  |
| 58 | 12.396 | 1717 | 1721 | 1725 | rVV7 | 2339    | 4834    | 0.22%  | 0.029%  |
| 59 | 12.463 | 1730 | 1732 | 1735 | rVB4 | 3527    | 3055    | 0.14%  | 0.018%  |
| 60 | 12.609 | 1750 | 1756 | 1760 | rBV3 | 22652   | 44151   | 2.04%  | 0.266%  |
| 61 | 12.694 | 1763 | 1770 | 1778 | rVV  | 350168  | 590842  | 27.24% | 3.557%  |
| 62 | 12.841 | 1792 | 1794 | 1795 | rBV2 | 2695    | 2642    | 0.12%  | 0.016%  |
| 63 | 12.889 | 1799 | 1802 | 1804 | rVV4 | 5732    | 8391    | 0.39%  | 0.051%  |
| 64 | 12.932 | 1807 | 1809 | 1816 | rVB8 | 7038    | 15380   | 0.71%  | 0.093%  |
| 65 | 13.084 | 1829 | 1834 | 1837 | rBV6 | 3856    | 8042    | 0.37%  | 0.048%  |
| 66 | 13.164 | 1845 | 1847 | 1849 | rBV3 | 2234    | 1905    | 0.09%  | 0.011%  |
| 67 | 13.200 | 1849 | 1853 | 1857 | rVB4 | 5769    | 10037   | 0.46%  | 0.060%  |
| 68 | 13.304 | 1865 | 1870 | 1874 | rBV6 | 8127    | 18173   | 0.84%  | 0.109%  |
| 69 | 13.383 | 1880 | 1883 | 1884 | rBV3 | 3571    | 4058    | 0.19%  | 0.024%  |
| 70 | 13.414 | 1884 | 1888 | 1891 | rVB4 | 10095   | 14212   | 0.66%  | 0.086%  |
| 71 | 13.481 | 1897 | 1899 | 1901 | rBV3 | 3039    | 3736    | 0.17%  | 0.022%  |

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Title : VOC Analysis

|     |        |      |      |      |       |        |         |        |        |
|-----|--------|------|------|------|-------|--------|---------|--------|--------|
| 72  | 13.560 | 1905 | 1912 | 1920 | rBV   | 866561 | 1389031 | 64.03% | 8.362% |
| 73  | 13.700 | 1933 | 1935 | 1938 | rVB4  | 3488   | 2337    | 0.11%  | 0.014% |
| 74  | 13.761 | 1942 | 1945 | 1951 | rVB7  | 9510   | 16573   | 0.76%  | 0.100% |
| 75  | 13.853 | 1954 | 1960 | 1969 | rBV   | 826779 | 1375122 | 63.39% | 8.278% |
| 76  | 13.962 | 1976 | 1978 | 1979 | rBV2  | 3688   | 3076    | 0.14%  | 0.019% |
| 77  | 14.072 | 1992 | 1996 | 2008 | rVB5  | 28767  | 70954   | 3.27%  | 0.427% |
| 78  | 14.206 | 2015 | 2018 | 2023 | rVB5  | 9720   | 14655   | 0.68%  | 0.088% |
| 79  | 14.267 | 2025 | 2028 | 2033 | rVV7  | 8057   | 10619   | 0.49%  | 0.064% |
| 80  | 14.328 | 2035 | 2038 | 2043 | rVV6  | 12156  | 23673   | 1.09%  | 0.143% |
| 81  | 14.389 | 2043 | 2048 | 2051 | rVV4  | 26125  | 49099   | 2.26%  | 0.296% |
| 82  | 14.420 | 2051 | 2053 | 2061 | rVB3  | 16756  | 27189   | 1.25%  | 0.164% |
| 83  | 14.554 | 2068 | 2075 | 2079 | rBV10 | 16080  | 29084   | 1.34%  | 0.175% |
| 84  | 14.737 | 2103 | 2105 | 2109 | rBV4  | 5321   | 6978    | 0.32%  | 0.042% |
| 85  | 14.804 | 2111 | 2116 | 2122 | rVV4  | 35979  | 79500   | 3.66%  | 0.479% |
| 86  | 14.852 | 2122 | 2124 | 2130 | rVB7  | 15714  | 28529   | 1.32%  | 0.172% |
| 87  | 15.115 | 2164 | 2167 | 2169 | rBV4  | 5030   | 7172    | 0.33%  | 0.043% |
| 88  | 15.188 | 2173 | 2179 | 2187 | rVV10 | 18472  | 42023   | 1.94%  | 0.253% |
| 89  | 15.267 | 2189 | 2192 | 2198 | rVB7  | 18705  | 32525   | 1.50%  | 0.196% |
| 90  | 15.334 | 2198 | 2203 | 2210 | rBV   | 38129  | 80855   | 3.73%  | 0.487% |
| 91  | 15.413 | 2212 | 2216 | 2217 | rVV4  | 22179  | 35166   | 1.62%  | 0.212% |
| 92  | 15.444 | 2218 | 2221 | 2226 | rVV2  | 41149  | 80316   | 3.70%  | 0.483% |
| 93  | 15.505 | 2228 | 2231 | 2239 | rVB2  | 30402  | 62957   | 2.90%  | 0.379% |
| 94  | 15.724 | 2265 | 2267 | 2268 | rBV2  | 5847   | 4024    | 0.19%  | 0.024% |
| 95  | 15.810 | 2277 | 2281 | 2287 | rBV8  | 13093  | 27918   | 1.29%  | 0.168% |
| 96  | 16.072 | 2322 | 2324 | 2325 | rBV2  | 4262   | 3195    | 0.15%  | 0.019% |
| 97  | 16.175 | 2337 | 2341 | 2344 | rBV6  | 11111  | 16131   | 0.74%  | 0.097% |
| 98  | 16.291 | 2357 | 2360 | 2369 | rVB7  | 21055  | 43656   | 2.01%  | 0.263% |
| 99  | 16.450 | 2381 | 2386 | 2391 | rBV6  | 9255   | 21037   | 0.97%  | 0.127% |
| 100 | 16.657 | 2412 | 2420 | 2430 | rVB7  | 29608  | 89719   | 4.14%  | 0.540% |

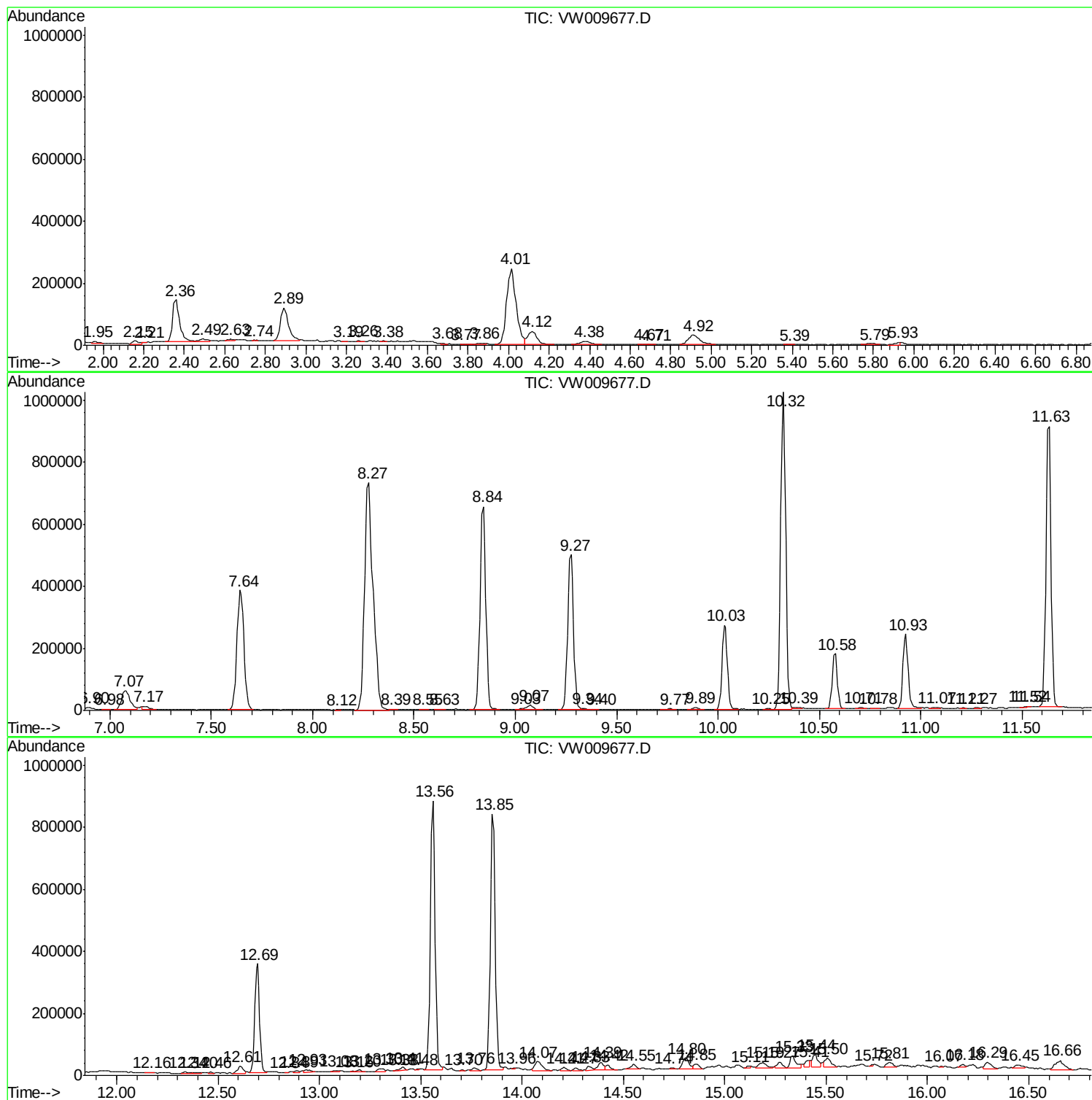
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040319\  
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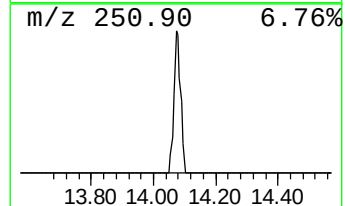
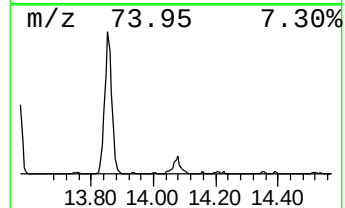
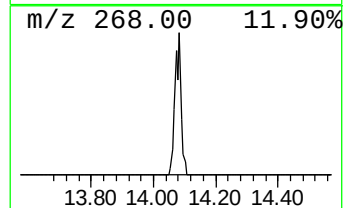
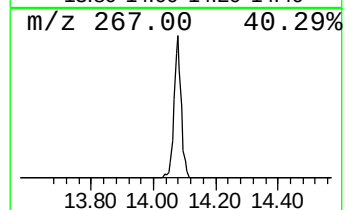
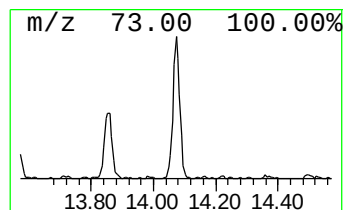
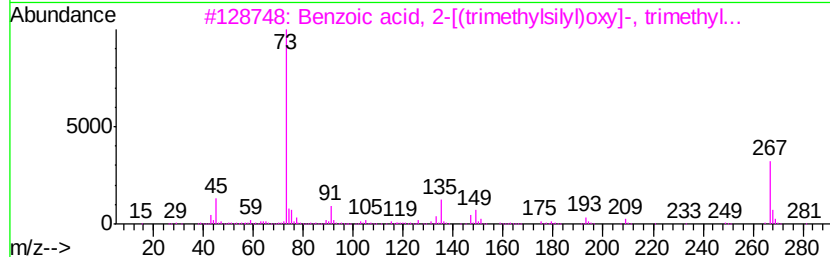
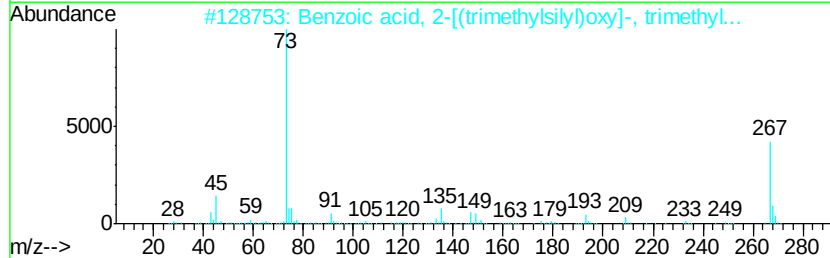
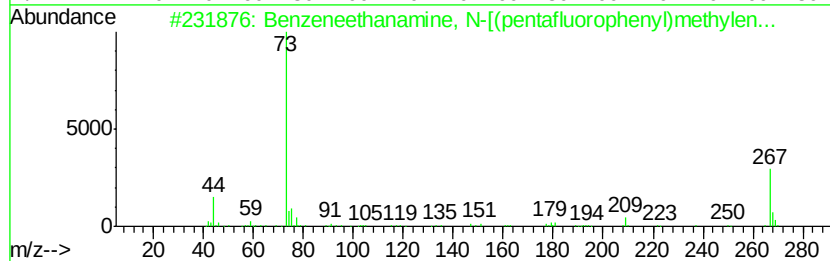
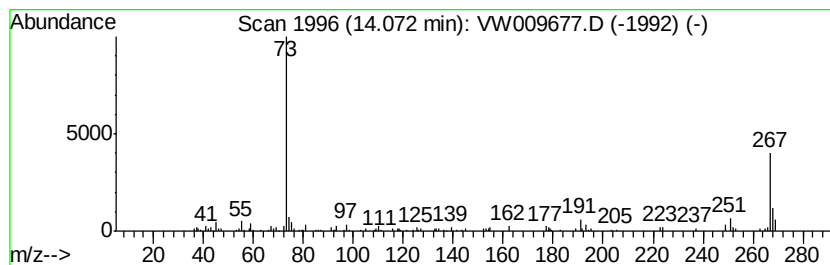
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis

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

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Peak Number 2 Benzeneethanamine, N-[(pent... Concentration Rank 6

| R.T.    | EstConc   | Area                                  | Relative to ISTD       | R.T.           |             |      |
|---------|-----------|---------------------------------------|------------------------|----------------|-------------|------|
| 14.07   | 1.28 ug/L | 70954                                 | 1,4-Dichlorobenzene-d4 | 13.56          |             |      |
| Hit# of | 5         | Tentative ID                          | MW                     | MolForm        | CAS#        | Qual |
| 1       |           | Benzeneethanamine, N-[(pentafluoro... | 475                    | C21H26F5N02Si2 | 055429-85-1 | 50   |
| 2       |           | Benzoic acid, 2-[(trimethylsilyl...   | 282                    | C13H22O3Si2    | 003789-85-3 | 50   |
| 3       |           | Benzoic acid, 2-[(trimethylsilyl...   | 282                    | C13H22O3Si2    | 003789-85-3 | 39   |
| 4       |           | Benzoic acid, 2-[(trimethylsilyl...   | 282                    | C13H22O3Si2    | 003789-85-3 | 25   |
| 5       |           | Benzoic acid, 2-[(trimethylsilyl...   | 282                    | C13H22O3Si2    | 003789-85-3 | 10   |



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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis

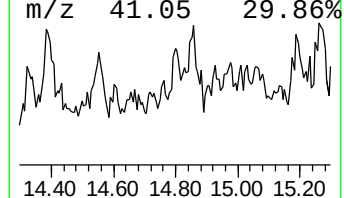
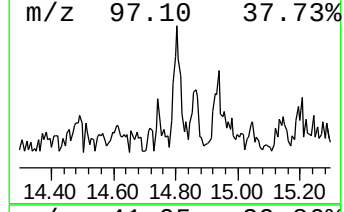
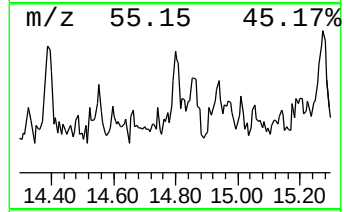
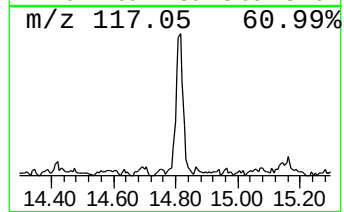
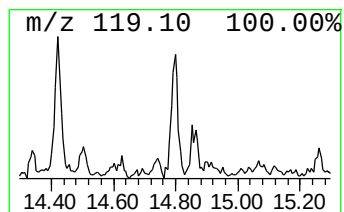
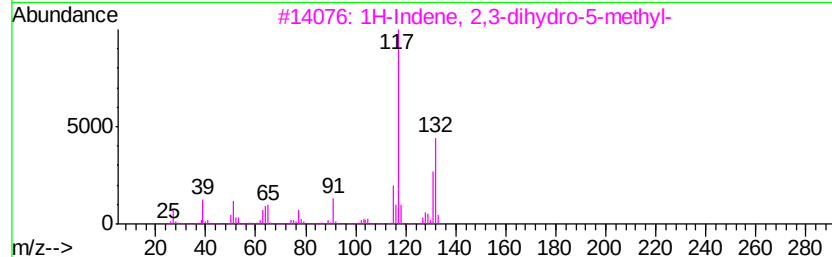
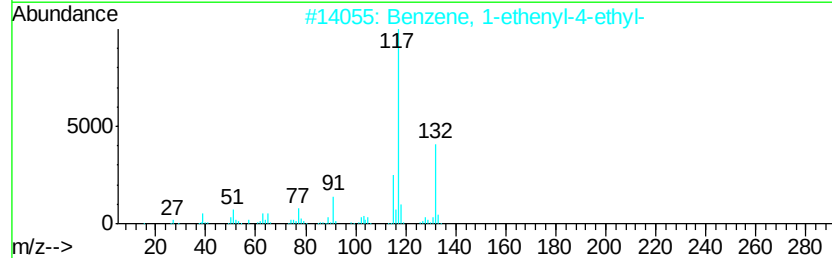
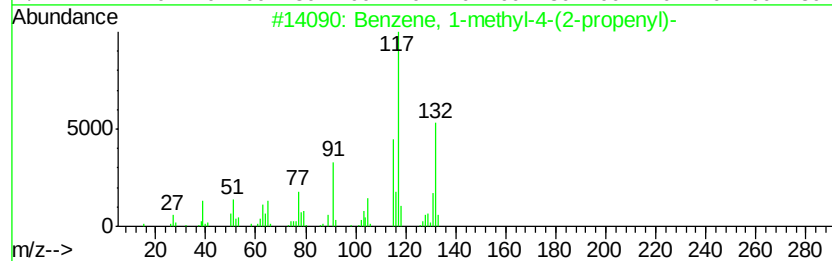
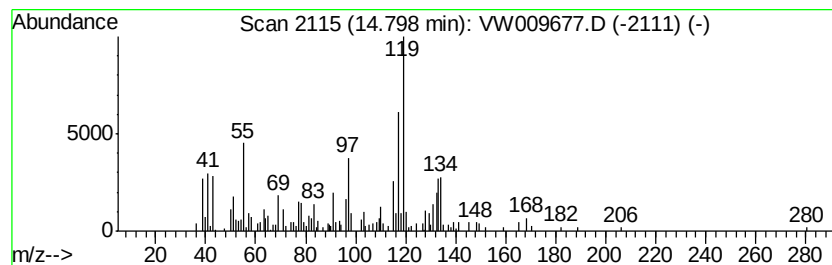
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown-01 Concentration Rank 5

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.80 | 1.43 ug/L | 79500 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9 | 42   |
| 2    |    | Benzene, 1-ethenyl-4-ethyl-       | 132 | C10H12  | 003454-07-7 | 42   |
| 3    |    | 1H-Indene, 2,3-dihydro-5-methyl-  | 132 | C10H12  | 000874-35-1 | 41   |
| 4    |    | 1H-Indene, 2,3-dihydro-4-methyl-  | 132 | C10H12  | 000824-22-6 | 38   |
| 5    |    | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 38   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040319\  
Data File : VW009677.D  
Acq On : 04 Apr 2019 01:22  
Operator : SY/VA  
Sample : K2168-17  
Misc : 5.62G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BF659

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis

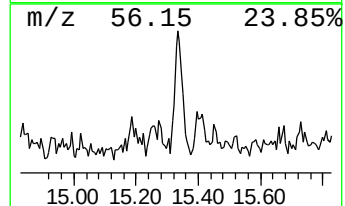
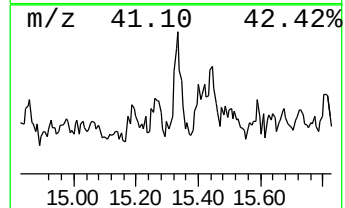
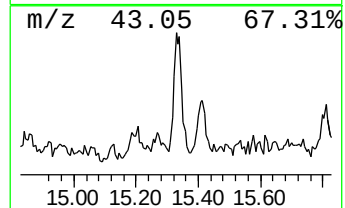
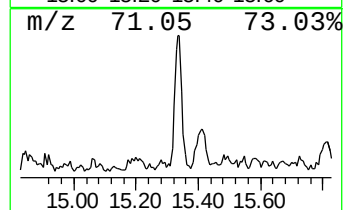
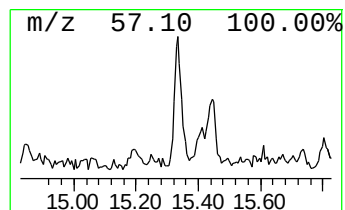
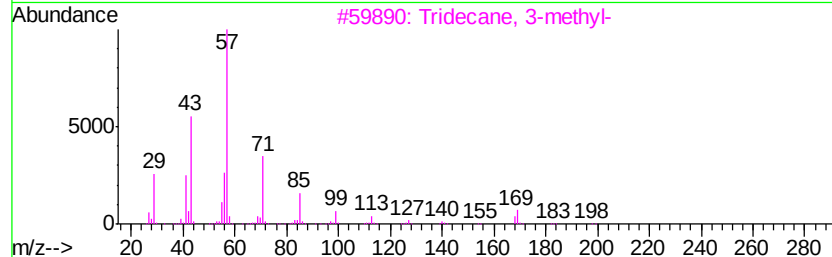
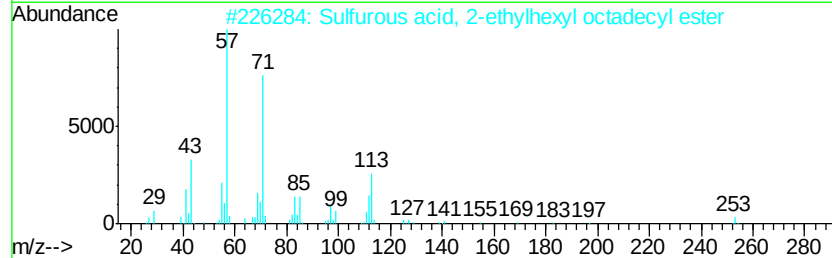
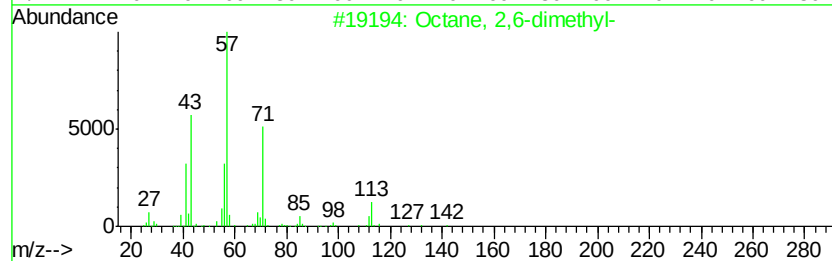
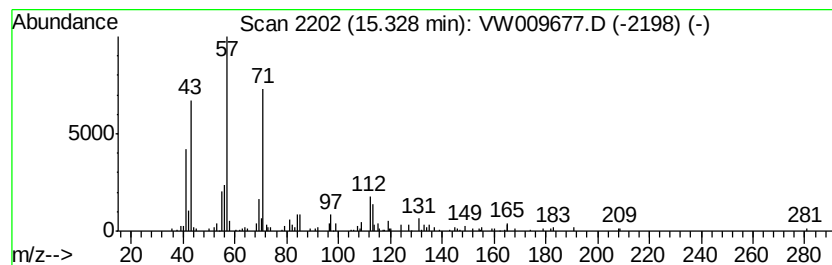
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 15.33 | 1.46 ug/L | 80855 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 64   |
| 2    |    | Sulfurous acid, 2-ethylhexyl oct... | 446 | C26H54O3S | 1000309-20-1 | 59   |
| 3    |    | Tridecane, 3-methyl-                | 198 | C14H30    | 006418-41-3  | 59   |
| 4    |    | Octane, 2,3,7-trimethyl-            | 156 | C11H24    | 062016-34-6  | 59   |
| 5    |    | Butane, 2,2-dimethyl-               | 86  | C6H14     | 000075-83-2  | 50   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040319\  
Data File : VW009677.D  
Acq On : 04 Apr 2019 01:22  
Operator : SY/VA  
Sample : K2168-17  
Misc : 5.62G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BF659

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis

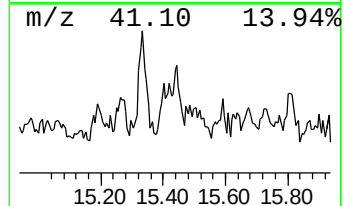
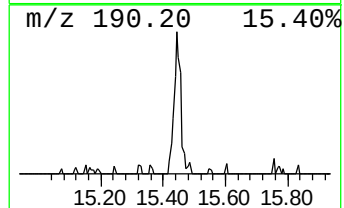
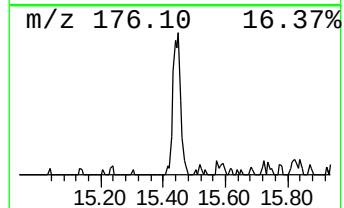
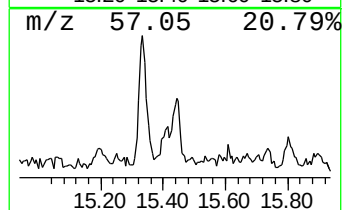
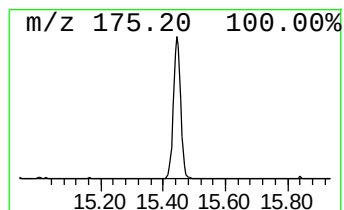
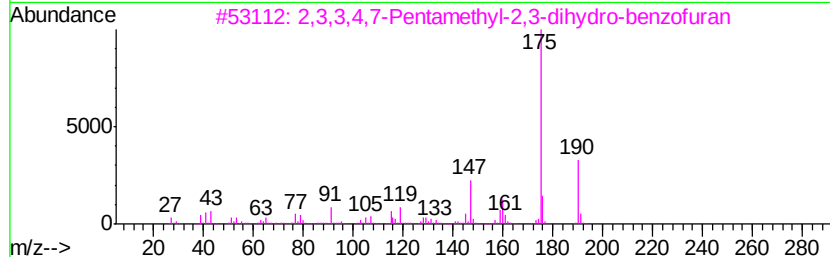
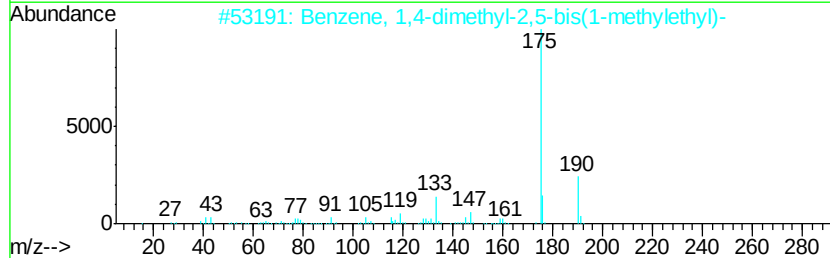
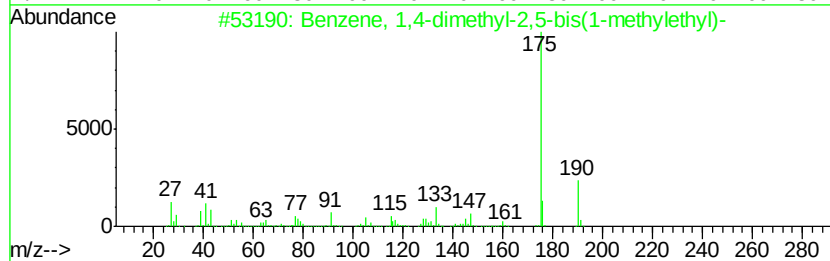
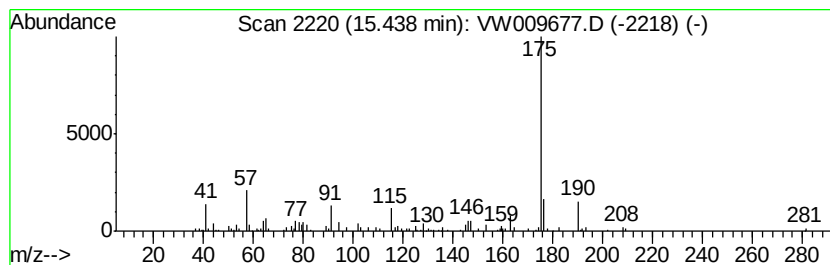
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzene, 1,4-dimethyl-2,5-b... Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 15.44 | 1.45 ug/L | 80316 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Benzene, 1,4-dimethyl-2,5-bis(1-... | 190 | C14H22   | 010375-96-9  | 83   |
| 2    |    | Benzene, 1,4-dimethyl-2,5-bis(1-... | 190 | C14H22   | 010375-96-9  | 80   |
| 3    |    | 2,3,3,4,7-Pentamethyl-2,3-dihydr... | 190 | C13H18O  | 1000189-42-9 | 78   |
| 4    |    | Precocene I                         | 190 | C12H14O2 | 017598-02-6  | 72   |
| 5    |    | Benzenepropanal, 4-(1,1-dimethyl... | 190 | C13H18O  | 018127-01-0  | 72   |





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Data File : VW009677.D  
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Operator : SY/VA  
Sample : K2168-17  
Misc : 5.62G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

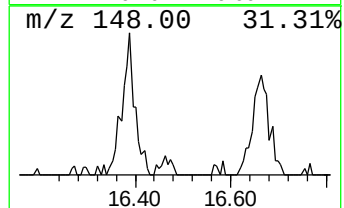
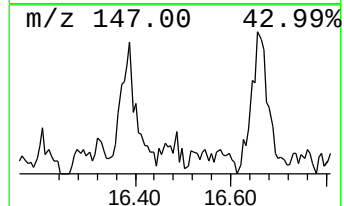
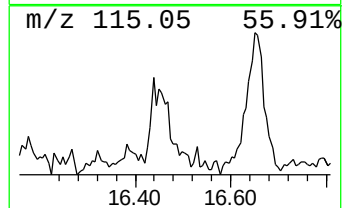
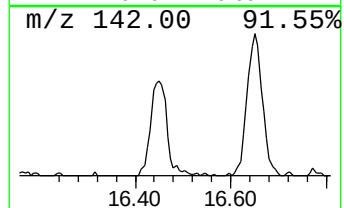
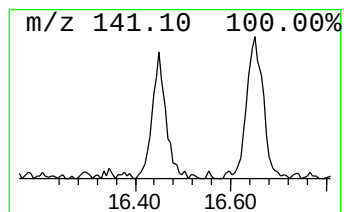
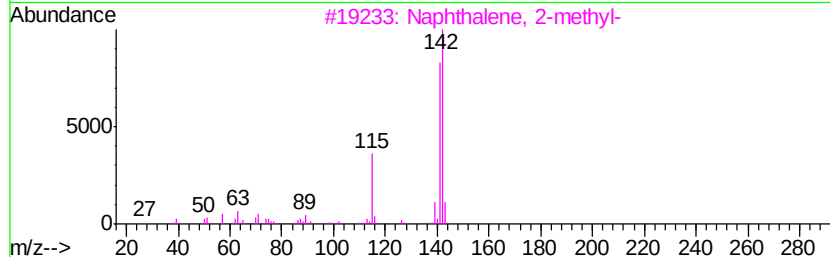
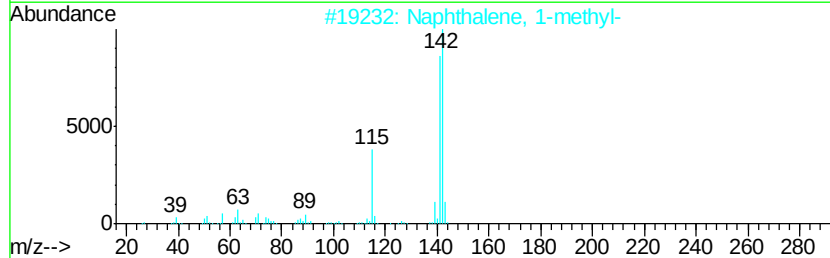
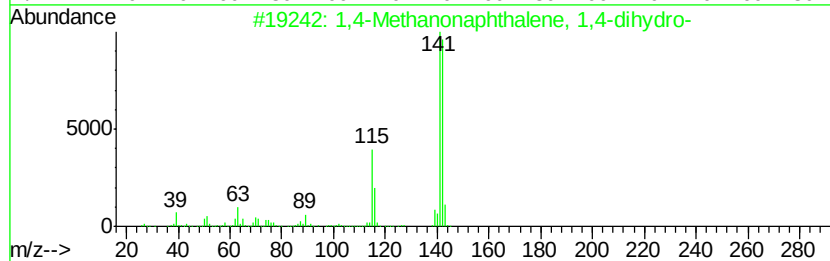
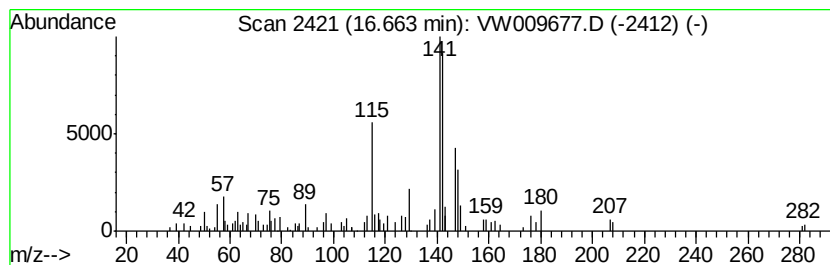
Instrument :  
MSVOA\_W  
ClientSampleId :  
BF659

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 6 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|--------------|------------------------|-----------|
| 16.66   | 1.61 ug/L                           | 89719        | 1,4-Dichlorobenzene-d4 | 13.56     |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | 1,4-Methanonaphthalene, 1,4-dihy... | 142 C11H10   | 004453-90-1            | 70        |
| 2       | Naphthalene, 1-methyl-              | 142 C11H10   | 000090-12-0            | 68        |
| 3       | Naphthalene, 2-methyl-              | 142 C11H10   | 000091-57-6            | 68        |
| 4       | Naphthalene, 2-methyl-              | 142 C11H10   | 000091-57-6            | 64        |
| 5       | Spiro(tricyclo[6.2.1.0(2,7)]unde... | 186 C13H14O  | 1000210-02-3           | 59        |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW040319\  
Data File : VW009677.D  
Acq On : 04 Apr 2019 01:22  
Operator : SY/VA  
Sample : K2168-17  
Misc : 5.62G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BF659

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.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 |
| Benzeneethanamine... | 14.07 | 1.3     | ug/L  | 70954    | 3                       | 13.56 | 1389030 | 25.0 |
| unknown-01           | 14.80 | 1.4     | ug/L  | 79500    | 3                       | 13.56 | 1389030 | 25.0 |
| (DEL) Alkane: Str... | 15.33 | 1.5     | ug/L  | 80855    | 3                       | 13.56 | 1389030 | 25.0 |
| Benzene, 1,4-dime... | 15.44 | 1.5     | ug/L  | 80316    | 3                       | 13.56 | 1389030 | 25.0 |
| 1,4-Methanonaphth... | 16.66 | 1.6     | ug/L  | 89719    | 3                       | 13.56 | 1389030 | 25.0 |