

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101119\  
 Data File : VW013534.D  
 Acq On : 11 Oct 2019 12:58  
 Operator : SY/VA  
 Sample : K5267-12  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBAQ5

## 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\SOM2WLM101019S.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         | 1.953       | 6             | 8           | 18           | rVB4     | 3017           | 6218          | 0.28%           | 0.021%        |
| 2         | 2.148       | 35            | 40          | 45           | rBV      | 19893          | 30347         | 1.38%           | 0.102%        |
| 3         | 2.209       | 45            | 50          | 60           | rVV      | 86351          | 144593        | 6.56%           | 0.484%        |
| 4         | 2.318       | 63            | 68          | 70           | rVV      | 58639          | 92024         | 4.18%           | 0.308%        |
| 5         | 2.349       | 70            | 73          | 87           | rVB      | 123678         | 223662        | 10.15%          | 0.749%        |
| 6         | 2.526       | 100           | 102         | 105          | rVB4     | 1320           | 1140          | 0.05%           | 0.004%        |
| 7         | 2.776       | 136           | 143         | 154          | rBV      | 44925          | 93842         | 4.26%           | 0.314%        |
| 8         | 2.879       | 154           | 160         | 173          | rVB      | 65579          | 155187        | 7.04%           | 0.519%        |
| 9         | 3.257       | 213           | 222         | 234          | rBV2     | 47254          | 118100        | 5.36%           | 0.395%        |
| 10        | 3.385       | 237           | 243         | 253          | rVB4     | 7663           | 18910         | 0.86%           | 0.063%        |
| 11        | 3.818       | 305           | 314         | 327          | rBV      | 30639          | 80481         | 3.65%           | 0.269%        |
| 12        | 4.032       | 334           | 349         | 359          | rBV3     | 296564         | 1044355       | 47.41%          | 3.496%        |
| 13        | 4.129       | 359           | 365         | 378          | rVB2     | 61585          | 190584        | 8.65%           | 0.638%        |
| 14        | 4.452       | 408           | 418         | 421          | rBV6     | 1905           | 6069          | 0.28%           | 0.020%        |
| 15        | 4.477       | 421           | 422         | 427          | rVB2     | 1281           | 1140          | 0.05%           | 0.004%        |
| 16        | 4.672       | 443           | 454         | 471          | rBV      | 60864          | 188637        | 8.56%           | 0.631%        |
| 17        | 4.910       | 480           | 493         | 511          | rBV2     | 76090          | 261508        | 11.87%          | 0.875%        |
| 18        | 5.111       | 519           | 526         | 527          | rBV2     | 2468           | 4066          | 0.18%           | 0.014%        |
| 19        | 5.214       | 539           | 543         | 551          | rVB4     | 2268           | 5440          | 0.25%           | 0.018%        |
| 20        | 5.422       | 561           | 577         | 593          | rBV2     | 250619         | 834356        | 37.87%          | 2.793%        |
| 21        | 5.757       | 621           | 632         | 641          | rVB7     | 4788           | 16258         | 0.74%           | 0.054%        |
| 22        | 5.940       | 655           | 662         | 672          | rVB5     | 3353           | 10762         | 0.49%           | 0.036%        |
| 23        | 6.915       | 814           | 822         | 823          | rBV3     | 1027           | 1526          | 0.07%           | 0.005%        |
| 24        | 6.994       | 830           | 835         | 837          | rBV4     | 1198           | 1725          | 0.08%           | 0.006%        |
| 25        | 7.080       | 840           | 849         | 853          | rBV      | 48996          | 134618        | 6.11%           | 0.451%        |
| 26        | 7.165       | 854           | 863         | 875          | rVB2     | 262045         | 805636        | 36.57%          | 2.697%        |
| 27        | 7.513       | 909           | 920         | 932          | rBV      | 105011         | 261841        | 11.89%          | 0.876%        |
| 28        | 7.647       | 932           | 942         | 953          | rBV      | 200606         | 498164        | 22.61%          | 1.667%        |
| 29        | 7.872       | 969           | 979         | 985          | rVV2     | 94644          | 243169        | 11.04%          | 0.814%        |
| 30        | 7.952       | 985           | 992         | 1002         | rVV      | 182744         | 464325        | 21.08%          | 1.554%        |
| 31        | 8.067       | 1002          | 1011        | 1022         | rVB      | 111371         | 281639        | 12.78%          | 0.943%        |
| 32        | 8.263       | 1031          | 1043        | 1058         | rVV3     | 674109         | 2203040       | 100.00%         | 7.374%        |
| 33        | 8.397       | 1058          | 1065        | 1074         | rVV      | 68411          | 150440        | 6.83%           | 0.504%        |
| 34        | 8.476       | 1074          | 1078        | 1080         | rVV3     | 832            | 1340          | 0.06%           | 0.004%        |

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

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\SOM2WLM101019S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 8.616  | 1099 | 1101 | 1105 | rBV3 | 559    | 980     | 0.04%  | 0.003% |
| 36 | 8.677  | 1105 | 1111 | 1118 | rVV7 | 1958   | 4732    | 0.21%  | 0.016% |
| 37 | 8.842  | 1129 | 1138 | 1151 | rBV  | 485038 | 973781  | 44.20% | 3.259% |
| 38 | 9.092  | 1170 | 1179 | 1191 | rVB  | 653601 | 1302405 | 59.12% | 4.359% |
| 39 | 9.275  | 1199 | 1209 | 1213 | rBV  | 279947 | 564811  | 25.64% | 1.891% |
| 40 | 9.336  | 1213 | 1219 | 1233 | rVV2 | 604015 | 1555846 | 70.62% | 5.208% |
| 41 | 9.464  | 1233 | 1240 | 1249 | rVV2 | 22362  | 53635   | 2.43%  | 0.180% |
| 42 | 9.640  | 1262 | 1269 | 1276 | rBV  | 193219 | 376305  | 17.08% | 1.260% |
| 43 | 9.756  | 1283 | 1288 | 1296 | rVB2 | 9327   | 19260   | 0.87%  | 0.064% |
| 44 | 9.890  | 1301 | 1310 | 1318 | rBV2 | 29449  | 61336   | 2.78%  | 0.205% |
| 45 | 10.031 | 1318 | 1333 | 1336 | rVV  | 164438 | 314996  | 14.30% | 1.054% |
| 46 | 10.073 | 1336 | 1340 | 1348 | rVV  | 238933 | 427245  | 19.39% | 1.430% |
| 47 | 10.146 | 1348 | 1352 | 1357 | rVV2 | 5974   | 11124   | 0.50%  | 0.037% |
| 48 | 10.250 | 1359 | 1369 | 1373 | rVV  | 18051  | 38222   | 1.73%  | 0.128% |
| 49 | 10.323 | 1373 | 1381 | 1386 | rVV  | 650168 | 1144984 | 51.97% | 3.832% |
| 50 | 10.384 | 1386 | 1391 | 1404 | rVB  | 644025 | 1138140 | 51.66% | 3.810% |
| 51 | 10.579 | 1415 | 1423 | 1426 | rBV  | 124544 | 258017  | 11.71% | 0.864% |
| 52 | 10.707 | 1436 | 1444 | 1450 | rBV  | 116309 | 211851  | 9.62%  | 0.709% |
| 53 | 10.774 | 1450 | 1455 | 1460 | rVB3 | 4523   | 8457    | 0.38%  | 0.028% |
| 54 | 10.860 | 1460 | 1469 | 1475 | rBV  | 826632 | 1437902 | 65.27% | 4.813% |
| 55 | 10.921 | 1475 | 1479 | 1483 | rVV  | 177579 | 286800  | 13.02% | 0.960% |
| 56 | 10.969 | 1483 | 1487 | 1492 | rVB  | 193311 | 307364  | 13.95% | 1.029% |
| 57 | 11.061 | 1498 | 1502 | 1507 | rVV  | 61750  | 94231   | 4.28%  | 0.315% |
| 58 | 11.128 | 1507 | 1513 | 1518 | rVV  | 178039 | 304997  | 13.84% | 1.021% |
| 59 | 11.177 | 1518 | 1521 | 1528 | rVB2 | 17217  | 24848   | 1.13%  | 0.083% |
| 60 | 11.341 | 1544 | 1548 | 1552 | rVV5 | 1826   | 3055    | 0.14%  | 0.010% |
| 61 | 11.439 | 1552 | 1564 | 1574 | rVB  | 74498  | 136275  | 6.19%  | 0.456% |
| 62 | 11.542 | 1577 | 1581 | 1585 | rVB4 | 667    | 1052    | 0.05%  | 0.004% |
| 63 | 11.628 | 1585 | 1595 | 1603 | rBV  | 634238 | 1100890 | 49.97% | 3.685% |
| 64 | 11.731 | 1605 | 1612 | 1620 | rVV  | 562155 | 900502  | 40.88% | 3.014% |
| 65 | 11.847 | 1623 | 1631 | 1644 | rBV  | 353164 | 578942  | 26.28% | 1.938% |
| 66 | 12.164 | 1676 | 1683 | 1692 | rBV  | 434321 | 685206  | 31.10% | 2.294% |
| 67 | 12.347 | 1709 | 1713 | 1718 | rBV5 | 561    | 1125    | 0.05%  | 0.004% |
| 68 | 12.463 | 1724 | 1732 | 1741 | rVB  | 523548 | 830654  | 37.70% | 2.780% |
| 69 | 12.609 | 1747 | 1756 | 1762 | rBV  | 119393 | 192989  | 8.76%  | 0.646% |
| 70 | 12.689 | 1762 | 1769 | 1774 | rVV  | 233142 | 411591  | 18.68% | 1.378% |
| 71 | 12.743 | 1774 | 1778 | 1787 | rVB  | 528143 | 847490  | 38.47% | 2.837% |

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 DBAQ5

## Integration Parameters: LSCINT.P

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 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\SOM2WLM101019S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 12.932 | 1804 | 1809 | 1818 | rVB3 | 9359   | 14798   | 0.67%  | 0.050% |
| 73  | 13.030 | 1818 | 1825 | 1829 | rBV6 | 3887   | 9658    | 0.44%  | 0.032% |
| 74  | 13.079 | 1829 | 1833 | 1837 | rVB2 | 3827   | 5167    | 0.23%  | 0.017% |
| 75  | 13.158 | 1843 | 1846 | 1848 | rBV3 | 749    | 1043    | 0.05%  | 0.003% |
| 76  | 13.195 | 1848 | 1852 | 1855 | rBV3 | 2262   | 3066    | 0.14%  | 0.010% |
| 77  | 13.256 | 1860 | 1862 | 1863 | rVV  | 1162   | 1024    | 0.05%  | 0.003% |
| 78  | 13.292 | 1863 | 1868 | 1877 | rVB3 | 9583   | 16859   | 0.77%  | 0.056% |
| 79  | 13.408 | 1882 | 1887 | 1892 | rVB4 | 5109   | 9497    | 0.43%  | 0.032% |
| 80  | 13.499 | 1893 | 1902 | 1907 | rBV  | 553234 | 909632  | 41.29% | 3.045% |
| 81  | 13.554 | 1907 | 1911 | 1928 | rVB  | 643582 | 1079190 | 48.99% | 3.612% |
| 82  | 13.762 | 1941 | 1945 | 1948 | rBV3 | 6602   | 10842   | 0.49%  | 0.036% |
| 83  | 13.804 | 1948 | 1952 | 1953 | rVV3 | 5931   | 8345    | 0.38%  | 0.028% |
| 84  | 13.853 | 1953 | 1960 | 1973 | rVV2 | 635152 | 1318325 | 59.84% | 4.413% |
| 85  | 13.951 | 1973 | 1976 | 1980 | rVB4 | 4379   | 5438    | 0.25%  | 0.018% |
| 86  | 14.018 | 1985 | 1987 | 1991 | rVV3 | 4075   | 6548    | 0.30%  | 0.022% |
| 87  | 14.072 | 1991 | 1996 | 2002 | rVB2 | 33167  | 53227   | 2.42%  | 0.178% |
| 88  | 14.201 | 2011 | 2017 | 2022 | rBV5 | 5542   | 11834   | 0.54%  | 0.040% |
| 89  | 14.487 | 2058 | 2064 | 2075 | rVB  | 74235  | 124425  | 5.65%  | 0.416% |
| 90  | 14.627 | 2079 | 2087 | 2096 | rBV  | 667835 | 1059700 | 48.10% | 3.547% |
| 91  | 14.725 | 2100 | 2103 | 2108 | rVB5 | 1729   | 2798    | 0.13%  | 0.009% |
| 92  | 15.030 | 2151 | 2153 | 2158 | rVB5 | 1160   | 1724    | 0.08%  | 0.006% |
| 93  | 15.091 | 2158 | 2163 | 2166 | rBV3 | 1360   | 2541    | 0.12%  | 0.009% |
| 94  | 15.139 | 2168 | 2171 | 2173 | rVB2 | 1214   | 1329    | 0.06%  | 0.004% |
| 95  | 15.347 | 2198 | 2205 | 2206 | rBV5 | 855    | 1581    | 0.07%  | 0.005% |
| 96  | 15.438 | 2215 | 2220 | 2225 | rVB  | 13001  | 19935   | 0.90%  | 0.067% |
| 97  | 15.499 | 2225 | 2230 | 2235 | rVB3 | 3167   | 5251    | 0.24%  | 0.018% |
| 98  | 15.700 | 2260 | 2263 | 2266 | rVB3 | 1548   | 1464    | 0.07%  | 0.005% |
| 99  | 15.773 | 2270 | 2275 | 2276 | rBV3 | 1537   | 2157    | 0.10%  | 0.007% |
| 100 | 15.840 | 2284 | 2286 | 2289 | rVB4 | 1016   | 1234    | 0.06%  | 0.004% |

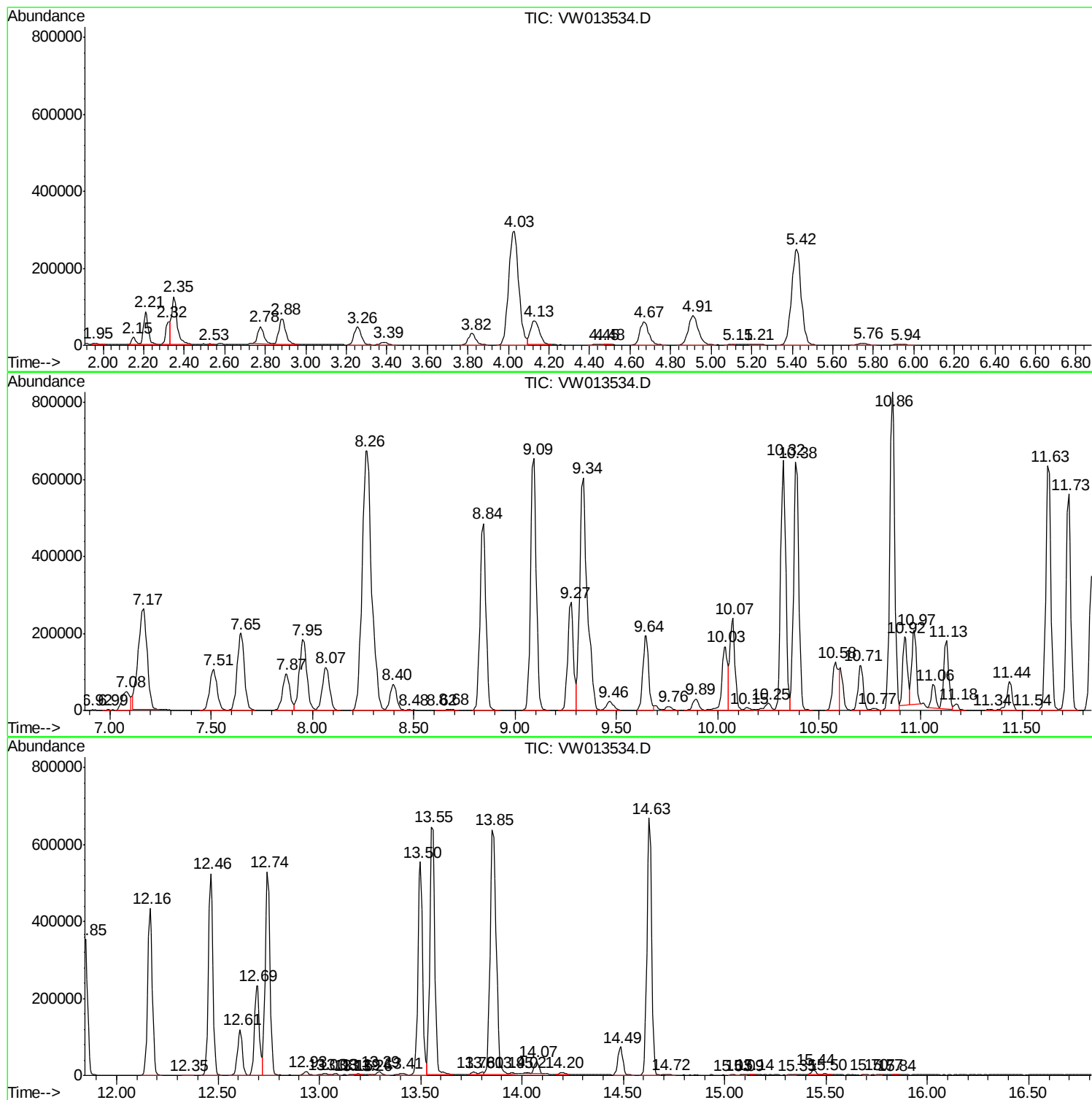
Sum of corrected areas: 29875814

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010119\  
Data File : VW013534.D  
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Sample : K5267-12  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101119\  
Data File : VW013534.D  
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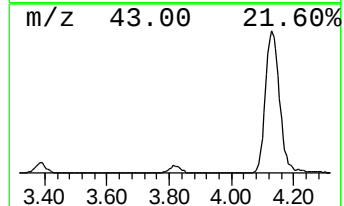
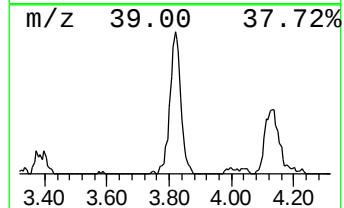
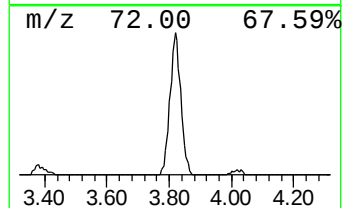
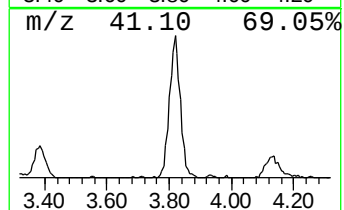
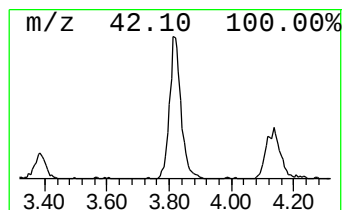
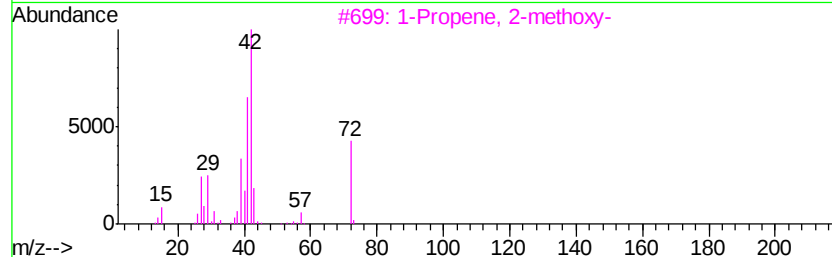
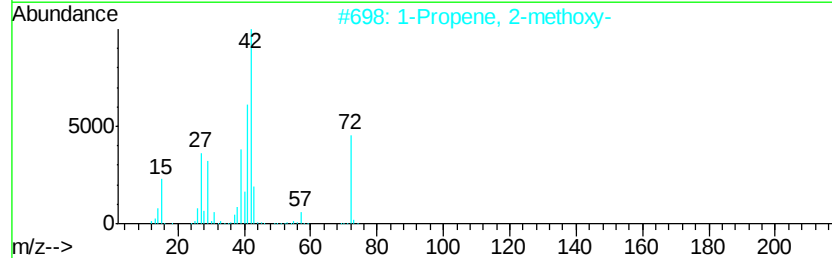
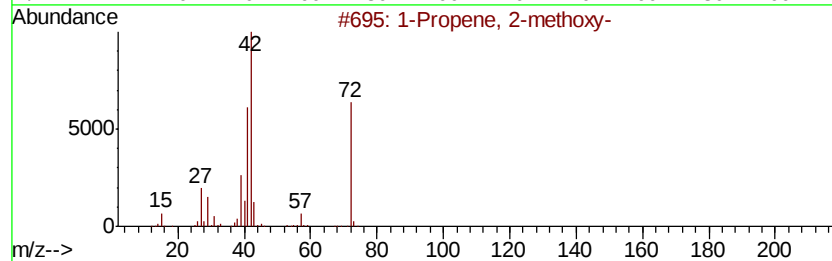
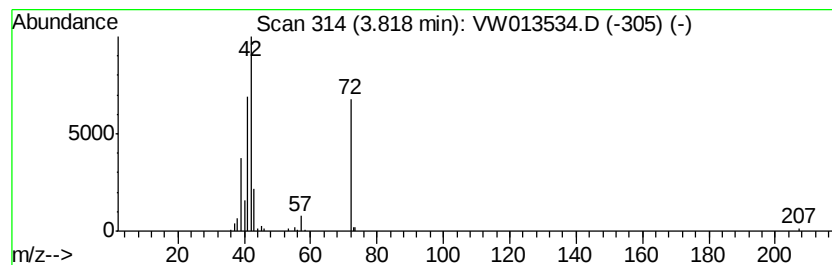
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
Quant Title : VOC Analysis

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

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Peak Number 1 1-Propene, 2-methoxy- Concentration Rank 7

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 3.82 | 2.07 ug/L | 80481 | 1,4-Difluorobenzene | 8.84 |

| Hit# | of | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|-----------------------|----|---------|-------------|------|
| 1    | 5  | 1-Propene, 2-methoxy- | 72 | C4H8O   | 000116-11-0 | 90   |
| 2    |    | 1-Propene, 2-methoxy- | 72 | C4H8O   | 000116-11-0 | 83   |
| 3    |    | 1-Propene, 2-methoxy- | 72 | C4H8O   | 000116-11-0 | 83   |
| 4    |    | Isobutylene epoxide   | 72 | C4H8O   | 000558-30-5 | 72   |
| 5    |    | Isobutylene epoxide   | 72 | C4H8O   | 000558-30-5 | 72   |



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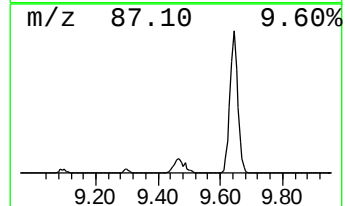
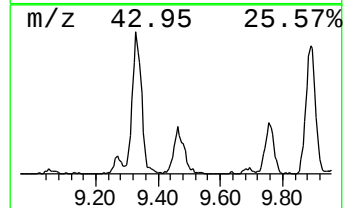
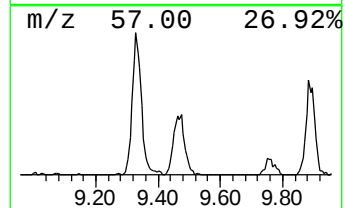
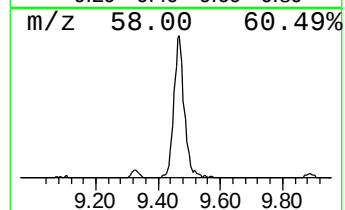
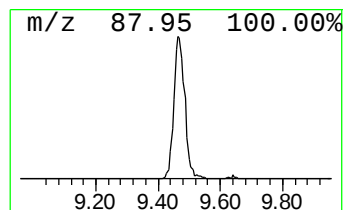
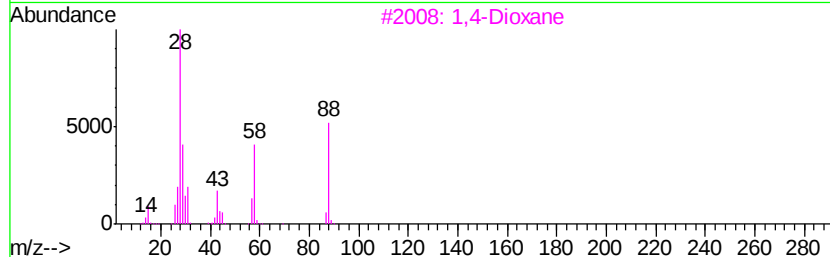
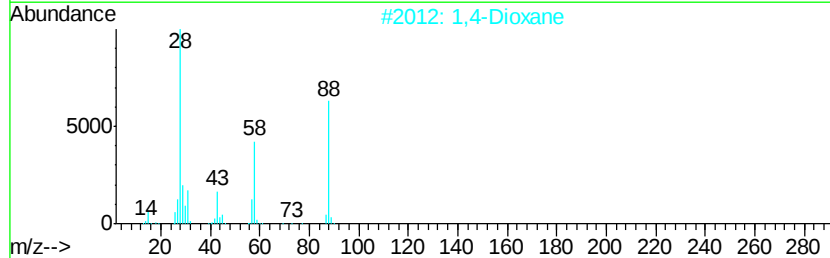
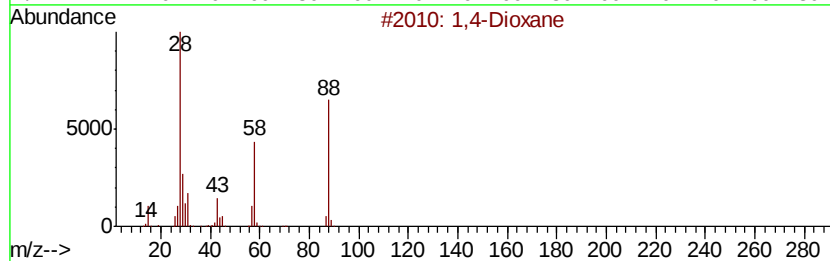
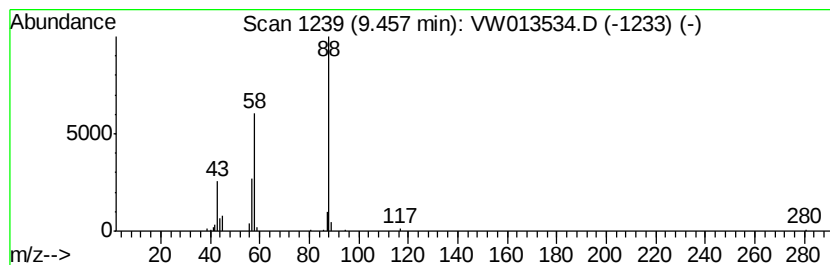
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 2 1,4-Dioxane Concentration Rank 9

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 9.46 | 1.38 ug/L | 53635 | 1,4-Difluorobenzene | 8.84 |

| Hit# | of | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|----------------------|----|---------|-------------|------|
| 1    | 5  | 1,4-Dioxane          | 88 | C4H8O2  | 000123-91-1 | 90   |
| 2    |    | 1,4-Dioxane          | 88 | C4H8O2  | 000123-91-1 | 86   |
| 3    |    | 1,4-Dioxane          | 88 | C4H8O2  | 000123-91-1 | 56   |
| 4    |    | Urea, N,N'-dimethyl- | 88 | C3H8N2O | 000096-31-1 | 50   |
| 5    |    | 1,4-Dioxane          | 88 | C4H8O2  | 000123-91-1 | 42   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101119\  
Data File : VW013534.D  
Acq On : 11 Oct 2019 12:58  
Operator : SY/VA  
Sample : K5267-12  
Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBAQ5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
Quant Title : VOC Analysis

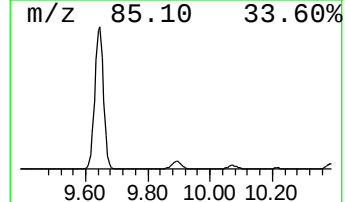
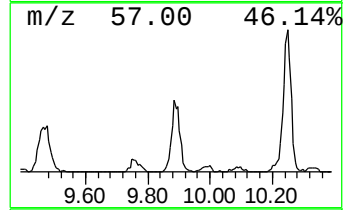
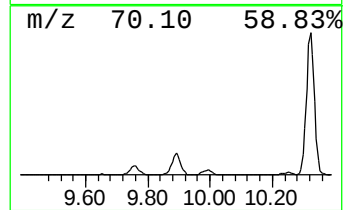
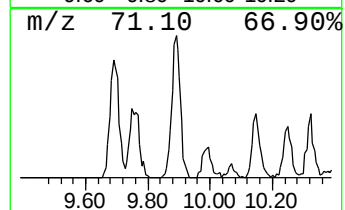
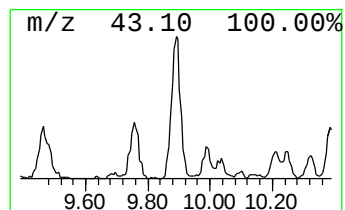
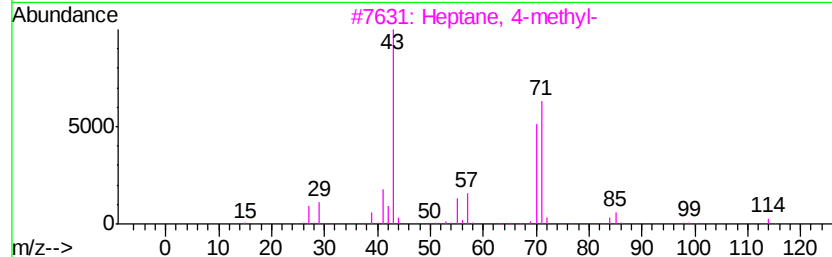
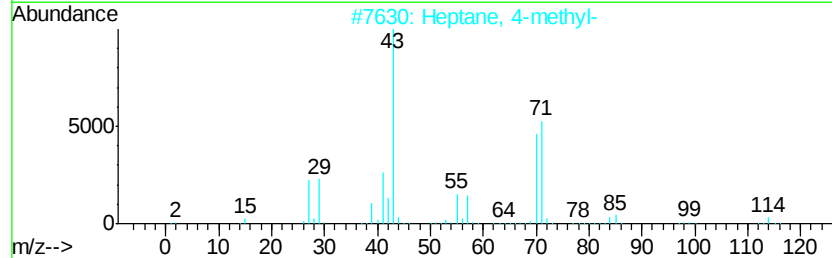
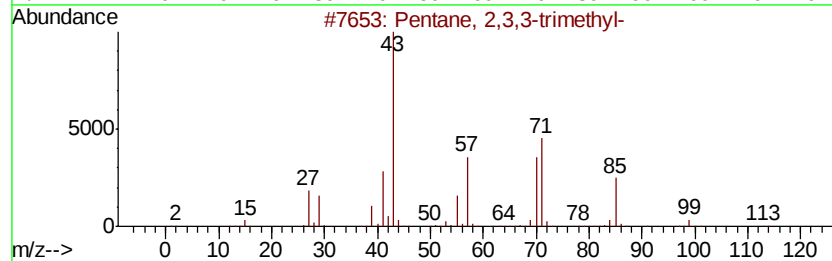
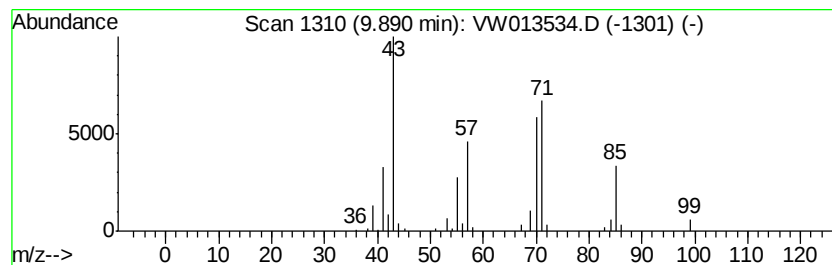
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 9.89 | 1.57 ug/L | 61336 | 1,4-Difluorobenzene | 8.84 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2,3,3-trimethyl- | 114 | C8H18   | 000560-21-4 | 72   |
| 2    |    |   | Heptane, 4-methyl-        | 114 | C8H18   | 000589-53-7 | 64   |
| 3    |    |   | Heptane, 4-methyl-        | 114 | C8H18   | 000589-53-7 | 64   |
| 4    |    |   | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 53   |
| 5    |    |   | Pentane, 2,3,3-trimethyl- | 114 | C8H18   | 000560-21-4 | 53   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101119\  
Data File : VW013534.D  
Acq On : 11 Oct 2019 12:58  
Operator : SY/VA  
Sample : K5267-12  
Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBAQ5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
Quant Title : VOC Analysis

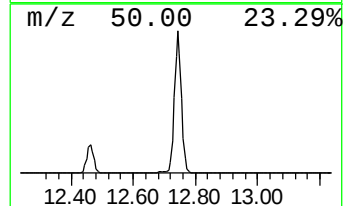
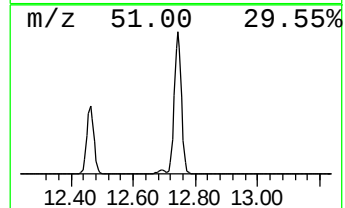
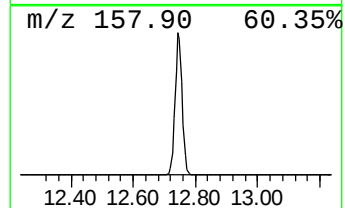
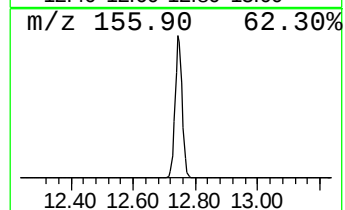
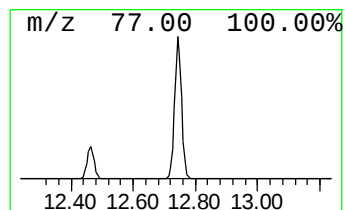
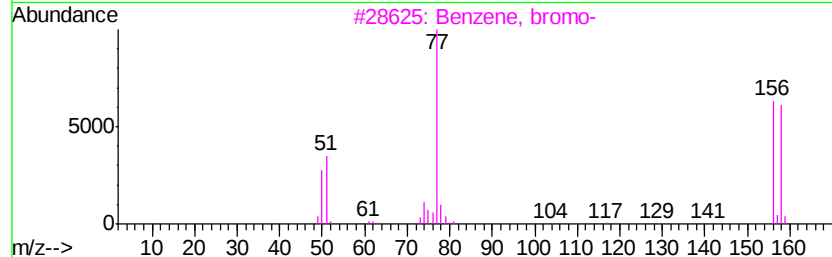
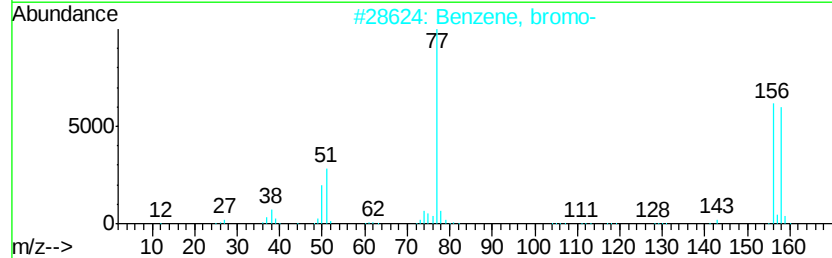
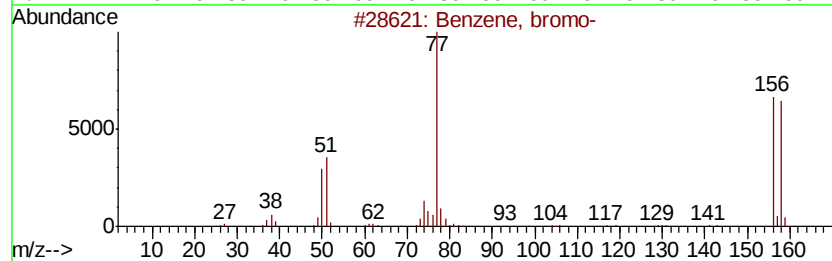
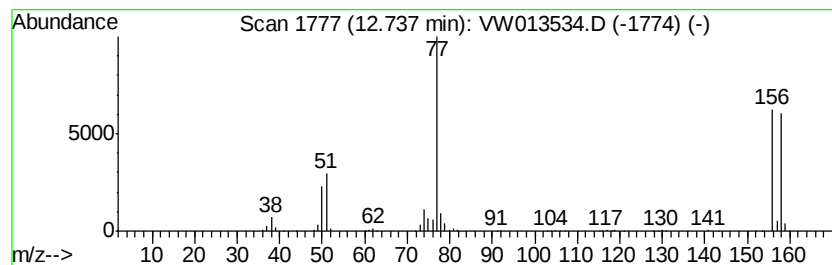
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, bromo- Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 12.74 | 19.63 ug/L | 847490 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 97   |
| 2    |    | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 97   |
| 3    |    | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 96   |
| 4    |    | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 96   |
| 5    |    | Benzene, bromo- | 156 | C6H5Br  | 000108-86-1 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101119\  
Data File : VW013534.D  
Acq On : 11 Oct 2019 12:58  
Operator : SY/VA  
Sample : K5267-12  
Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBAQ5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
Quant Title : VOC Analysis

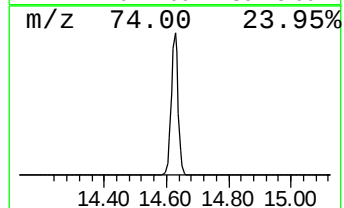
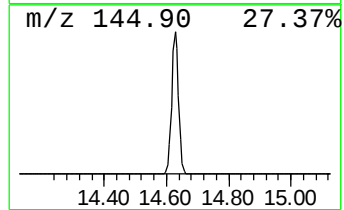
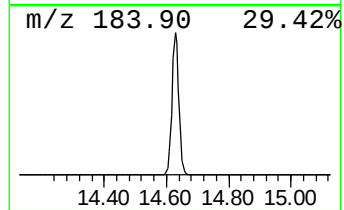
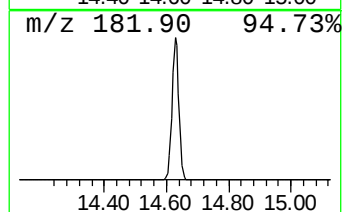
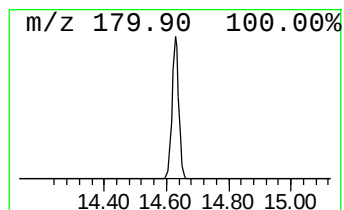
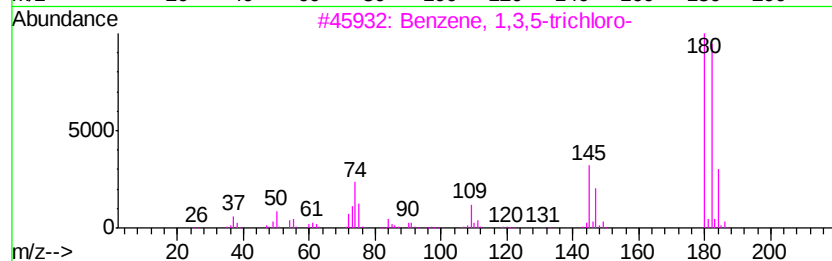
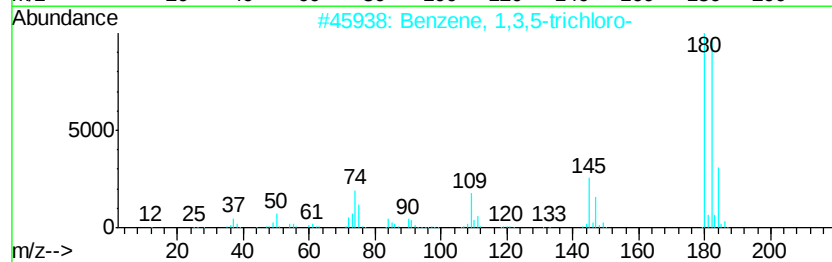
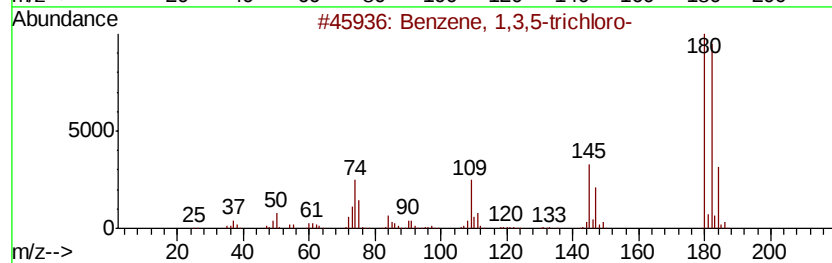
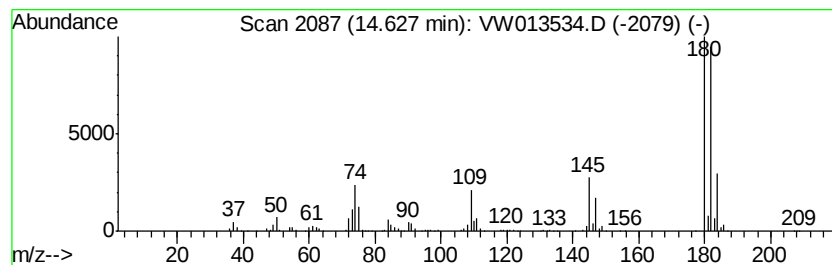
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzene, 1,3,5-trichloro- Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 14.63 | 24.55 ug/L | 1059700 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98   |
| 2    |    | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98   |
| 3    |    | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98   |
| 4    |    | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 97   |
| 5    |    | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 96   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW101119\  
Data File : VW013534.D  
Acq On : 11 Oct 2019 12:58  
Operator : SY/VA  
Sample : K5267-12  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBAQ5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.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-Propene, 2-meth... | 3.82  | 2.1     | ug/L  | 80481    | 1                     | 8.84  | 973781  | 25.0 |
| 1,4-Dioxane          | 9.46  | 1.4     | ug/L  | 53635    | 1                     | 8.84  | 973781  | 25.0 |
| (DEL) Alkane: Str... | 9.89  | 1.6     | ug/L  | 61336    | 1                     | 8.84  | 973781  | 25.0 |
| Benzene, bromo-      | 12.74 | 19.6    | ug/L  | 847490   | 3                     | 13.56 | 1079190 | 25.0 |
| Benzene, 1,3,5-tr... | 14.63 | 24.6    | ug/L  | 1059700  | 3                     | 13.56 | 1079190 | 25.0 |