

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\  
 Data File : VW015592.D  
 Acq On : 11 Jun 2020 17:01  
 Operator : SY/VA  
 Sample : VIBLK  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK

## 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\SOM2WLM052620S.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         | 2.355       | 68            | 74          | 82           | rBV      | 56201          | 100612        | 9.07%           | 1.256%        |
| 2         | 2.898       | 156           | 163         | 179          | rVB      | 48763          | 122323        | 11.03%          | 1.526%        |
| 3         | 4.013       | 335           | 346         | 361          | rBV      | 98623          | 294890        | 26.58%          | 3.680%        |
| 4         | 4.397       | 400           | 409         | 421          | rBV2     | 3122           | 9768          | 0.88%           | 0.122%        |
| 5         | 4.550       | 432           | 434         | 438          | rVB2     | 152            | 131           | 0.01%           | 0.002%        |
| 6         | 4.684       | 454           | 456         | 458          | rBV      | 152            | 107           | 0.01%           | 0.001%        |
| 7         | 4.708       | 458           | 460         | 462          | rBV      | 139            | 140           | 0.01%           | 0.002%        |
| 8         | 4.922       | 481           | 495         | 509          | rBV2     | 12966          | 45726         | 4.12%           | 0.571%        |
| 9         | 5.031       | 511           | 513         | 516          | rBV2     | 261            | 351           | 0.03%           | 0.004%        |
| 10        | 5.251       | 547           | 549         | 551          | rBV2     | 141            | 123           | 0.01%           | 0.002%        |
| 11        | 5.318       | 558           | 560         | 565          | rVB2     | 238            | 217           | 0.02%           | 0.003%        |
| 12        | 5.403       | 573           | 574         | 577          | rVB2     | 193            | 137           | 0.01%           | 0.002%        |
| 13        | 5.440       | 577           | 580         | 581          | rBV2     | 241            | 235           | 0.02%           | 0.003%        |
| 14        | 5.483       | 586           | 587         | 591          | rVB      | 246            | 208           | 0.02%           | 0.003%        |
| 15        | 5.733       | 624           | 628         | 629          | rBV      | 763            | 742           | 0.07%           | 0.009%        |
| 16        | 5.940       | 652           | 662         | 674          | rVB3     | 4040           | 12139         | 1.09%           | 0.151%        |
| 17        | 6.104       | 687           | 689         | 691          | rBV2     | 124            | 114           | 0.01%           | 0.001%        |
| 18        | 6.184       | 700           | 702         | 705          | rVV      | 193            | 182           | 0.02%           | 0.002%        |
| 19        | 6.269       | 713           | 716         | 719          | rBV2     | 117            | 147           | 0.01%           | 0.002%        |
| 20        | 6.312       | 722           | 723         | 727          | rVB2     | 166            | 178           | 0.02%           | 0.002%        |
| 21        | 6.464       | 746           | 748         | 749          | rBV      | 192            | 107           | 0.01%           | 0.001%        |
| 22        | 6.623       | 772           | 774         | 776          | rBV2     | 139            | 137           | 0.01%           | 0.002%        |
| 23        | 6.848       | 807           | 811         | 812          | rVB2     | 94             | 112           | 0.01%           | 0.001%        |
| 24        | 6.915       | 820           | 822         | 824          | rBV2     | 286            | 221           | 0.02%           | 0.003%        |
| 25        | 7.007       | 835           | 837         | 840          | rBV2     | 181            | 172           | 0.02%           | 0.002%        |
| 26        | 7.086       | 840           | 850         | 854          | rBV      | 25781          | 67659         | 6.10%           | 0.844%        |
| 27        | 7.500       | 916           | 918         | 920          | rVB2     | 212            | 129           | 0.01%           | 0.002%        |
| 28        | 7.519       | 920           | 921         | 923          | rBV      | 165            | 148           | 0.01%           | 0.002%        |
| 29        | 7.653       | 932           | 943         | 954          | rBV      | 172841         | 416896        | 37.58%          | 5.202%        |
| 30        | 7.817       | 969           | 970         | 974          | rVB2     | 177            | 197           | 0.02%           | 0.002%        |
| 31        | 7.848       | 974           | 975         | 977          | rBV2     | 122            | 109           | 0.01%           | 0.001%        |
| 32        | 7.958       | 988           | 993         | 998          | rBV2     | 451            | 808           | 0.07%           | 0.010%        |
| 33        | 8.043       | 1003          | 1007        | 1009         | rBV2     | 145            | 203           | 0.02%           | 0.003%        |
| 34        | 8.275       | 1032          | 1045        | 1062         | rBV3     | 362505         | 1109478       | 100.00%         | 13.845%       |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 8.488  | 1077 | 1080 | 1083 | rBV  | 270    | 242    | 0.02%  | 0.003%  |
| 36 | 8.519  | 1083 | 1085 | 1086 | rVV  | 164    | 150    | 0.01%  | 0.002%  |
| 37 | 8.561  | 1090 | 1092 | 1093 | rVB  | 182    | 121    | 0.01%  | 0.002%  |
| 38 | 8.628  | 1100 | 1103 | 1107 | rVB2 | 321    | 413    | 0.04%  | 0.005%  |
| 39 | 8.701  | 1109 | 1115 | 1120 | rVB3 | 324    | 646    | 0.06%  | 0.008%  |
| 40 | 8.848  | 1130 | 1139 | 1151 | rVV  | 379214 | 757536 | 68.28% | 9.453%  |
| 41 | 9.043  | 1169 | 1171 | 1172 | rBV  | 274    | 177    | 0.02%  | 0.002%  |
| 42 | 9.079  | 1172 | 1177 | 1182 | rVV4 | 1245   | 2541   | 0.23%  | 0.032%  |
| 43 | 9.275  | 1201 | 1209 | 1219 | rBV  | 232546 | 470460 | 42.40% | 5.871%  |
| 44 | 9.409  | 1229 | 1231 | 1232 | rBV  | 382    | 259    | 0.02%  | 0.003%  |
| 45 | 9.470  | 1238 | 1241 | 1243 | rVB2 | 184    | 200    | 0.02%  | 0.002%  |
| 46 | 9.494  | 1243 | 1245 | 1247 | rBV  | 149    | 105    | 0.01%  | 0.001%  |
| 47 | 9.598  | 1258 | 1262 | 1264 | rVB  | 235    | 248    | 0.02%  | 0.003%  |
| 48 | 9.665  | 1267 | 1273 | 1280 | rBV2 | 1829   | 3570   | 0.32%  | 0.045%  |
| 49 | 9.787  | 1291 | 1293 | 1296 | rVB  | 152    | 110    | 0.01%  | 0.001%  |
| 50 | 9.866  | 1304 | 1306 | 1307 | rBV  | 161    | 110    | 0.01%  | 0.001%  |
| 51 | 9.890  | 1307 | 1310 | 1311 | rBV2 | 526    | 469    | 0.04%  | 0.006%  |
| 52 | 9.988  | 1322 | 1326 | 1327 | rBV2 | 675    | 718    | 0.06%  | 0.009%  |
| 53 | 10.037 | 1327 | 1334 | 1344 | rVB  | 112310 | 204496 | 18.43% | 2.552%  |
| 54 | 10.122 | 1344 | 1348 | 1356 | rVB3 | 1190   | 2590   | 0.23%  | 0.032%  |
| 55 | 10.213 | 1357 | 1363 | 1373 | rVB  | 12653  | 21999  | 1.98%  | 0.275%  |
| 56 | 10.329 | 1373 | 1382 | 1391 | rBV  | 483696 | 862611 | 77.75% | 10.765% |
| 57 | 10.500 | 1406 | 1410 | 1411 | rBV2 | 314    | 290    | 0.03%  | 0.004%  |
| 58 | 10.579 | 1416 | 1423 | 1431 | rBV  | 71768  | 123305 | 11.11% | 1.539%  |
| 59 | 10.707 | 1437 | 1444 | 1453 | rBV  | 80936  | 144459 | 13.02% | 1.803%  |
| 60 | 10.854 | 1463 | 1468 | 1473 | rVB3 | 1360   | 2158   | 0.19%  | 0.027%  |
| 61 | 10.927 | 1473 | 1480 | 1497 | rBV  | 107831 | 181633 | 16.37% | 2.267%  |
| 62 | 11.067 | 1497 | 1503 | 1516 | rVV2 | 20370  | 39289  | 3.54%  | 0.490%  |
| 63 | 11.177 | 1516 | 1521 | 1526 | rVB5 | 2598   | 4192   | 0.38%  | 0.052%  |
| 64 | 11.274 | 1535 | 1537 | 1539 | rBV2 | 241    | 219    | 0.02%  | 0.003%  |
| 65 | 11.292 | 1539 | 1540 | 1541 | rVV2 | 213    | 105    | 0.01%  | 0.001%  |
| 66 | 11.335 | 1544 | 1547 | 1549 | rVB3 | 273    | 295    | 0.03%  | 0.004%  |
| 67 | 11.439 | 1554 | 1564 | 1571 | rVB2 | 30280  | 51494  | 4.64%  | 0.643%  |
| 68 | 11.524 | 1575 | 1578 | 1579 | rBV2 | 281    | 284    | 0.03%  | 0.004%  |
| 69 | 11.634 | 1588 | 1596 | 1611 | rBV  | 545205 | 900029 | 81.12% | 11.232% |
| 70 | 11.841 | 1627 | 1630 | 1633 | rBV4 | 543    | 817    | 0.07%  | 0.010%  |
| 71 | 12.061 | 1664 | 1666 | 1670 | rVB2 | 452    | 511    | 0.05%  | 0.006%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 12.097 | 1670 | 1672 | 1674 | rBV3 | 119    | 128    | 0.01%  | 0.002%  |
| 73  | 12.140 | 1677 | 1679 | 1681 | rVB2 | 197    | 161    | 0.01%  | 0.002%  |
| 74  | 12.170 | 1681 | 1684 | 1688 | rBV2 | 342    | 549    | 0.05%  | 0.007%  |
| 75  | 12.237 | 1693 | 1695 | 1697 | rBV2 | 261    | 213    | 0.02%  | 0.003%  |
| 76  | 12.347 | 1709 | 1713 | 1719 | rVV4 | 547    | 933    | 0.08%  | 0.012%  |
| 77  | 12.420 | 1723 | 1725 | 1729 | rVB2 | 171    | 208    | 0.02%  | 0.003%  |
| 78  | 12.475 | 1729 | 1734 | 1738 | rBV4 | 1822   | 2867   | 0.26%  | 0.036%  |
| 79  | 12.609 | 1749 | 1756 | 1763 | rBV  | 86205  | 140136 | 12.63% | 1.749%  |
| 80  | 12.695 | 1763 | 1770 | 1778 | rVV  | 161112 | 259471 | 23.39% | 3.238%  |
| 81  | 12.756 | 1778 | 1780 | 1785 | rVB2 | 158    | 160    | 0.01%  | 0.002%  |
| 82  | 12.847 | 1794 | 1795 | 1796 | rBV  | 221    | 145    | 0.01%  | 0.002%  |
| 83  | 12.932 | 1804 | 1809 | 1821 | rVB  | 11235  | 17992  | 1.62%  | 0.225%  |
| 84  | 13.042 | 1821 | 1827 | 1830 | rBV4 | 967    | 1809   | 0.16%  | 0.023%  |
| 85  | 13.079 | 1830 | 1833 | 1837 | rVV3 | 981    | 1209   | 0.11%  | 0.015%  |
| 86  | 13.170 | 1846 | 1848 | 1850 | rBV2 | 310    | 273    | 0.02%  | 0.003%  |
| 87  | 13.188 | 1850 | 1851 | 1858 | rVB5 | 711    | 1117   | 0.10%  | 0.014%  |
| 88  | 13.249 | 1858 | 1861 | 1863 | rBV3 | 487    | 549    | 0.05%  | 0.007%  |
| 89  | 13.298 | 1864 | 1869 | 1877 | rVB  | 15607  | 23292  | 2.10%  | 0.291%  |
| 90  | 13.408 | 1881 | 1887 | 1892 | rVB6 | 2305   | 4115   | 0.37%  | 0.051%  |
| 91  | 13.469 | 1892 | 1897 | 1902 | rBV3 | 5987   | 9491   | 0.86%  | 0.118%  |
| 92  | 13.560 | 1905 | 1912 | 1924 | rVB  | 504910 | 815945 | 73.54% | 10.182% |
| 93  | 13.762 | 1940 | 1945 | 1948 | rBV2 | 2055   | 3216   | 0.29%  | 0.040%  |
| 94  | 13.853 | 1953 | 1960 | 1967 | rBV  | 407396 | 677077 | 61.03% | 8.449%  |
| 95  | 13.987 | 1980 | 1982 | 1984 | rBV3 | 472    | 320    | 0.03%  | 0.004%  |
| 96  | 14.072 | 1990 | 1996 | 2007 | rVB2 | 30892  | 51704  | 4.66%  | 0.645%  |
| 97  | 14.194 | 2011 | 2016 | 2024 | rBV4 | 1801   | 3781   | 0.34%  | 0.047%  |
| 98  | 14.329 | 2030 | 2038 | 2042 | rBV8 | 2853   | 6738   | 0.61%  | 0.084%  |
| 99  | 14.725 | 2099 | 2103 | 2110 | rVB3 | 4691   | 7139   | 0.64%  | 0.089%  |
| 100 | 15.438 | 2216 | 2220 | 2225 | rVB2 | 11973  | 18988  | 1.71%  | 0.237%  |

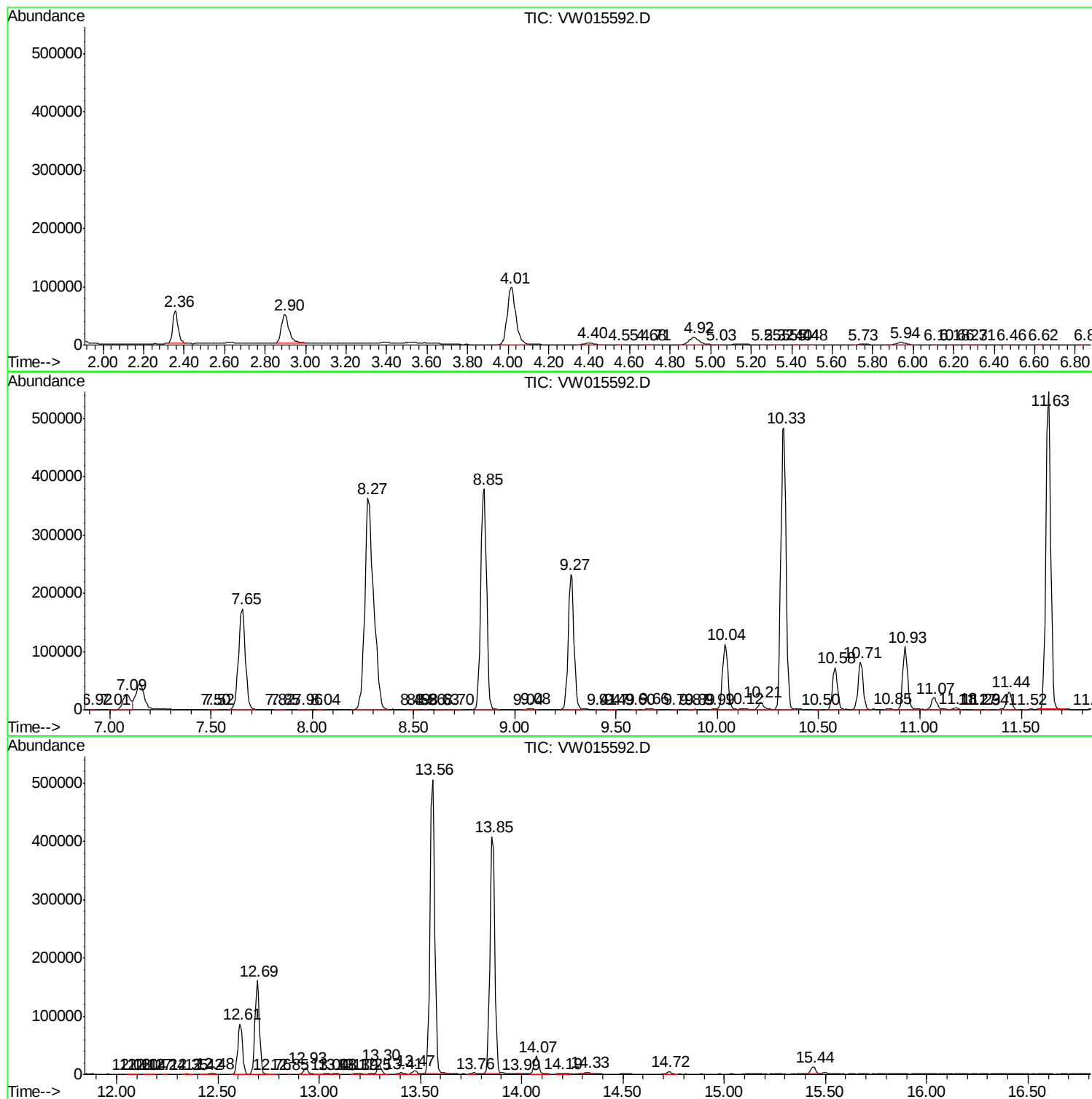
Sum of corrected areas: 8013423

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\  
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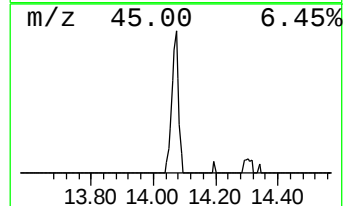
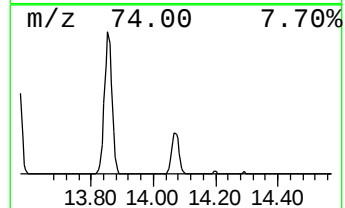
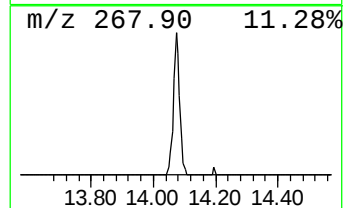
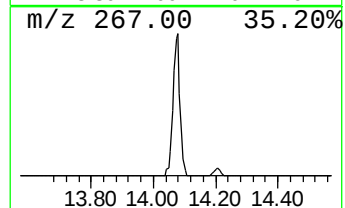
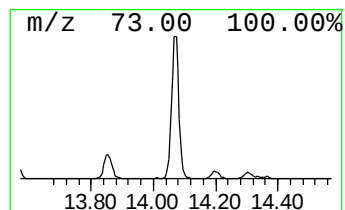
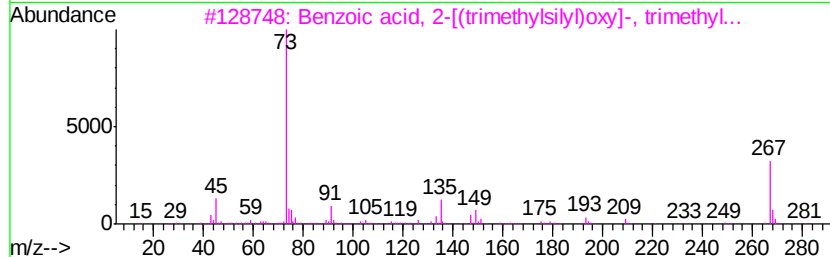
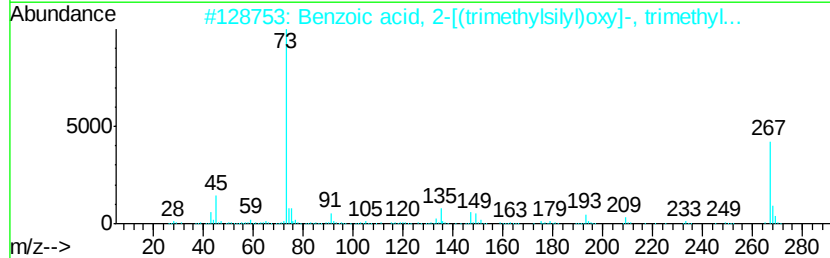
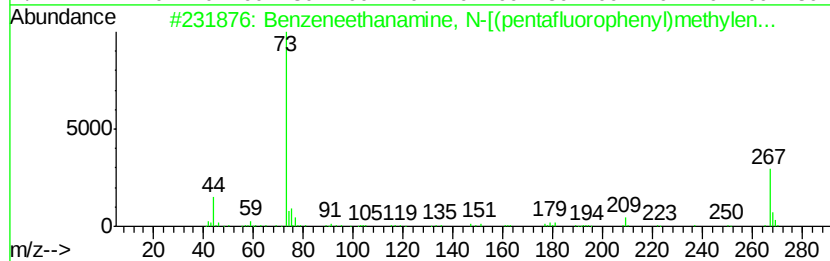
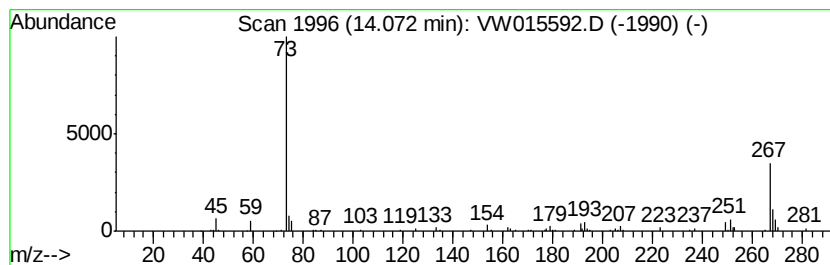
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown-01 Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.07 | 1.58 ug/L | 51704 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                         | MW  | MolForm        | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------------|-------------|------|
| 1    | 5  | Benzenethanamine, N-[(pentafluoro... | 475 | C21H26F5N02Si2 | 055429-85-1 | 45   |
| 2    |    | Benzoic acid, 2-[(trimethylsilyl)... | 282 | C13H22O3Si2    | 003789-85-3 | 38   |
| 3    |    | Benzoic acid, 2-[(trimethylsilyl)... | 282 | C13H22O3Si2    | 003789-85-3 | 36   |
| 4    |    | Benzoic acid, 2-[(trimethylsilyl)... | 282 | C13H22O3Si2    | 003789-85-3 | 36   |
| 5    |    | Benzoic acid, 2-[(trimethylsilyl)... | 282 | C13H22O3Si2    | 003789-85-3 | 36   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 14.07 | 1.6     | ug/L  | 51704    | 3                     | 13.56 | 815945 | 25.0 |