

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090624\  
 Data File : VV037218.D  
 Acq On : 06 Sep 2024 12:25  
 Operator : SY/MD  
 Sample : P3843-04  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHJM1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Title : VOC Analysis

Signal : TIC: VV037218.D\data.ms

| 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         | 1.178       | 35            | 43          | 50           | rBV      | 8553           | 14661         | 0.65%           | 0.086%        |
| 2         | 1.278       | 68            | 74          | 92           | rVB      | 297049         | 319361        | 14.12%          | 1.873%        |
| 3         | 1.532       | 146           | 153         | 168          | rVB      | 268372         | 307009        | 13.57%          | 1.801%        |
| 4         | 1.831       | 240           | 246         | 260          | rVB      | 19659          | 29220         | 1.29%           | 0.171%        |
| 5         | 2.059       | 307           | 317         | 327          | rBV      | 524301         | 754554        | 33.36%          | 4.426%        |
| 6         | 2.114       | 328           | 334         | 348          | rVB      | 66347          | 101987        | 4.51%           | 0.598%        |
| 7         | 3.294       | 697           | 701         | 703          | rBV5     | 1879           | 1487          | 0.07%           | 0.009%        |
| 8         | 3.387       | 728           | 730         | 734          | rBV5     | 1295           | 761           | 0.03%           | 0.004%        |
| 9         | 3.455       | 749           | 751         | 756          | rVB6     | 1225           | 783           | 0.03%           | 0.005%        |
| 10        | 3.500       | 763           | 765         | 771          | rVB5     | 922            | 786           | 0.03%           | 0.005%        |
| 11        | 3.603       | 794           | 797         | 800          | rVB5     | 1216           | 726           | 0.03%           | 0.004%        |
| 12        | 3.796       | 848           | 857         | 889          | rBV2     | 103594         | 297236        | 13.14%          | 1.744%        |
| 13        | 4.140       | 962           | 964         | 969          | rVB5     | 1262           | 776           | 0.03%           | 0.005%        |
| 14        | 4.246       | 980           | 997         | 1021         | rBV      | 360122         | 945729        | 41.81%          | 5.548%        |
| 15        | 4.458       | 1061          | 1063        | 1066         | rVB3     | 2333           | 1302          | 0.06%           | 0.008%        |
| 16        | 4.571       | 1096          | 1098        | 1104         | rVB7     | 900            | 766           | 0.03%           | 0.004%        |
| 17        | 4.815       | 1171          | 1174        | 1176         | rBV4     | 1084           | 697           | 0.03%           | 0.004%        |
| 18        | 4.950       | 1197          | 1216        | 1244         | rBV2     | 886371         | 2261904       | 100.00%         | 13.268%       |
| 19        | 5.259       | 1309          | 1312        | 1318         | rBV9     | 1002           | 1095          | 0.05%           | 0.006%        |
| 20        | 5.487       | 1378          | 1383        | 1384         | rBV5     | 1081           | 1030          | 0.05%           | 0.006%        |
| 21        | 5.529       | 1385          | 1396        | 1435         | rVV      | 685627         | 1426386       | 63.06%          | 8.367%        |
| 22        | 5.825       | 1479          | 1488        | 1503         | rBV4     | 16204          | 39196         | 1.73%           | 0.230%        |
| 23        | 5.895       | 1504          | 1510        | 1522         | rVV3     | 34711          | 75531         | 3.34%           | 0.443%        |
| 24        | 5.985       | 1526          | 1538        | 1567         | rVB      | 509780         | 1081566       | 47.82%          | 6.344%        |
| 25        | 6.300       | 1634          | 1636        | 1638         | rBV2     | 1232           | 734           | 0.03%           | 0.004%        |
| 26        | 6.345       | 1648          | 1650        | 1653         | rBV4     | 1066           | 730           | 0.03%           | 0.004%        |
| 27        | 6.426       | 1673          | 1675        | 1677         | rBV2     | 1684           | 654           | 0.03%           | 0.004%        |
| 28        | 6.522       | 1702          | 1705        | 1708         | rBV3     | 1023           | 883           | 0.04%           | 0.005%        |
| 29        | 6.657       | 1743          | 1747        | 1749         | rBV5     | 1542           | 1186          | 0.05%           | 0.007%        |
| 30        | 6.767       | 1775          | 1781        | 1783         | rBV5     | 1713           | 1467          | 0.06%           | 0.009%        |
| 31        | 6.841       | 1799          | 1804        | 1805         | rBV3     | 1052           | 970           | 0.04%           | 0.006%        |
| 32        | 6.908       | 1814          | 1825        | 1850         | rBV      | 260093         | 507586        | 22.44%          | 2.978%        |
| 33        | 7.133       | 1894          | 1895        | 1899         | rVB3     | 952            | 662           | 0.03%           | 0.004%        |
| 34        | 7.152       | 1899          | 1901        | 1907         | rVB4     | 1215           | 1162          | 0.05%           | 0.007%        |
| 35        | 7.239       | 1917          | 1928        | 1957         | rBV      | 997083         | 1764942       | 78.03%          | 10.353%       |
| 36        | 7.551       | 2015          | 2025        | 2045         | rBV      | 167454         | 311085        | 13.75%          | 1.825%        |

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Integrator: RTE

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 37 | 7.963  | 2150 | 2153 | 2154 | rBV2 | 1457    | 832     | 0.04%  | 0.005%  |
| 38 | 8.024  | 2164 | 2172 | 2215 | rBV2 | 306408  | 688394  | 30.43% | 4.038%  |
| 39 | 8.397  | 2285 | 2288 | 2291 | rVB4 | 1545    | 1019    | 0.05%  | 0.006%  |
| 40 | 8.506  | 2317 | 2322 | 2325 | rBV6 | 999     | 1000    | 0.04%  | 0.006%  |
| 41 | 8.554  | 2332 | 2337 | 2338 | rBV3 | 1924    | 1598    | 0.07%  | 0.009%  |
| 42 | 8.693  | 2376 | 2380 | 2383 | rBV5 | 1379    | 1150    | 0.05%  | 0.007%  |
| 43 | 8.779  | 2396 | 2407 | 2437 | rVV  | 1064951 | 1768671 | 78.19% | 10.375% |
| 44 | 9.037  | 2484 | 2487 | 2489 | rBV4 | 1174    | 853     | 0.04%  | 0.005%  |
| 45 | 9.088  | 2501 | 2503 | 2507 | rVB5 | 1636    | 1011    | 0.04%  | 0.006%  |
| 46 | 9.178  | 2526 | 2531 | 2534 | rBV7 | 1356    | 840     | 0.04%  | 0.005%  |
| 47 | 9.281  | 2559 | 2563 | 2565 | rBV5 | 1282    | 820     | 0.04%  | 0.005%  |
| 48 | 9.339  | 2577 | 2581 | 2585 | rBV5 | 866     | 826     | 0.04%  | 0.005%  |
| 49 | 9.410  | 2601 | 2603 | 2609 | rVB6 | 1175    | 859     | 0.04%  | 0.005%  |
| 50 | 9.487  | 2625 | 2627 | 2630 | rVB4 | 1249    | 738     | 0.03%  | 0.004%  |
| 51 | 9.583  | 2651 | 2657 | 2661 | rBV6 | 1009    | 975     | 0.04%  | 0.006%  |
| 52 | 9.606  | 2661 | 2664 | 2667 | rBV4 | 1254    | 930     | 0.04%  | 0.005%  |
| 53 | 9.660  | 2676 | 2681 | 2682 | rBV4 | 1674    | 1447    | 0.06%  | 0.008%  |
| 54 | 9.821  | 2727 | 2731 | 2732 | rBV4 | 1183    | 794     | 0.04%  | 0.005%  |
| 55 | 10.017 | 2789 | 2792 | 2795 | rBV5 | 1259    | 651     | 0.03%  | 0.004%  |
| 56 | 10.053 | 2801 | 2803 | 2806 | rBV4 | 806     | 697     | 0.03%  | 0.004%  |
| 57 | 10.146 | 2819 | 2832 | 2860 | rBV  | 571247  | 914733  | 40.44% | 5.366%  |
| 58 | 10.455 | 2923 | 2928 | 2931 | rBV6 | 1238    | 1150    | 0.05%  | 0.007%  |
| 59 | 10.506 | 2942 | 2944 | 2949 | rVB4 | 1431    | 849     | 0.04%  | 0.005%  |
| 60 | 10.606 | 2973 | 2975 | 2980 | rBV6 | 1412    | 912     | 0.04%  | 0.005%  |
| 61 | 10.631 | 2980 | 2983 | 2986 | rBV4 | 1323    | 864     | 0.04%  | 0.005%  |
| 62 | 10.702 | 3001 | 3005 | 3008 | rVB5 | 1098    | 678     | 0.03%  | 0.004%  |
| 63 | 10.876 | 3052 | 3059 | 3061 | rBV5 | 1089    | 1084    | 0.05%  | 0.006%  |
| 64 | 10.927 | 3073 | 3075 | 3078 | rBV2 | 882     | 724     | 0.03%  | 0.004%  |
| 65 | 10.966 | 3084 | 3087 | 3089 | rBV3 | 1074    | 666     | 0.03%  | 0.004%  |
| 66 | 11.178 | 3141 | 3153 | 3183 | rBV  | 1031731 | 1684610 | 74.48% | 9.882%  |
| 67 | 11.490 | 3241 | 3250 | 3259 | rVV3 | 17704   | 40991   | 1.81%  | 0.240%  |
| 68 | 11.554 | 3259 | 3270 | 3302 | rVB  | 1015272 | 1634978 | 72.28% | 9.591%  |
| 69 | 11.831 | 3354 | 3356 | 3362 | rVB7 | 1488    | 1458    | 0.06%  | 0.009%  |
| 70 | 11.959 | 3394 | 3396 | 3402 | rVB7 | 1533    | 1298    | 0.06%  | 0.008%  |
| 71 | 12.004 | 3407 | 3410 | 3412 | rBV4 | 1160    | 726     | 0.03%  | 0.004%  |
| 72 | 12.172 | 3460 | 3462 | 3466 | rBV5 | 1746    | 1131    | 0.05%  | 0.007%  |
| 73 | 12.278 | 3493 | 3495 | 3500 | rVB4 | 1247    | 814     | 0.04%  | 0.005%  |
| 74 | 12.307 | 3502 | 3504 | 3507 | rBV4 | 1009    | 720     | 0.03%  | 0.004%  |
| 75 | 12.403 | 3529 | 3534 | 3538 | rBV6 | 1250    | 1357    | 0.06%  | 0.008%  |
| 76 | 12.946 | 3699 | 3703 | 3706 | rBV4 | 927     | 780     | 0.03%  | 0.005%  |

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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHJM1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 77  | 13.085 | 3741 | 3746 | 3747 | rBV4 | 1379 | 949  | 0.04% | 0.006% |
| 78  | 13.265 | 3799 | 3802 | 3808 | rVB6 | 1967 | 2164 | 0.10% | 0.013% |
| 79  | 13.294 | 3808 | 3811 | 3812 | rBV2 | 1202 | 643  | 0.03% | 0.004% |
| 80  | 13.445 | 3854 | 3858 | 3861 | rBV5 | 2500 | 2286 | 0.10% | 0.013% |
| 81  | 13.615 | 3908 | 3911 | 3915 | rVV5 | 923  | 732  | 0.03% | 0.004% |
| 82  | 13.641 | 3915 | 3919 | 3924 | rVB7 | 838  | 877  | 0.04% | 0.005% |
| 83  | 13.834 | 3977 | 3979 | 3985 | rVB6 | 1242 | 745  | 0.03% | 0.004% |
| 84  | 13.911 | 3999 | 4003 | 4005 | rVB4 | 1088 | 775  | 0.03% | 0.005% |
| 85  | 13.927 | 4005 | 4008 | 4012 | rVB6 | 1213 | 960  | 0.04% | 0.006% |
| 86  | 13.953 | 4012 | 4016 | 4018 | rBV5 | 1718 | 1268 | 0.06% | 0.007% |
| 87  | 14.226 | 4099 | 4101 | 4106 | rVB5 | 1083 | 723  | 0.03% | 0.004% |
| 88  | 14.323 | 4127 | 4131 | 4134 | rBV5 | 1582 | 1115 | 0.05% | 0.007% |
| 89  | 14.406 | 4154 | 4157 | 4160 | rBV5 | 1630 | 1242 | 0.05% | 0.007% |
| 90  | 14.509 | 4186 | 4189 | 4192 | rBV3 | 1067 | 790  | 0.03% | 0.005% |
| 91  | 14.589 | 4211 | 4214 | 4216 | rBV3 | 1022 | 727  | 0.03% | 0.004% |
| 92  | 14.631 | 4223 | 4227 | 4229 | rBV4 | 1708 | 1198 | 0.05% | 0.007% |
| 93  | 14.753 | 4263 | 4265 | 4267 | rVB3 | 1429 | 653  | 0.03% | 0.004% |
| 94  | 14.773 | 4267 | 4271 | 4275 | rBV5 | 1559 | 1516 | 0.07% | 0.009% |
| 95  | 14.908 | 4310 | 4313 | 4315 | rBV4 | 1113 | 731  | 0.03% | 0.004% |
| 96  | 14.943 | 4320 | 4324 | 4325 | rBV3 | 976  | 712  | 0.03% | 0.004% |
| 97  | 15.036 | 4350 | 4353 | 4355 | rBV3 | 1703 | 924  | 0.04% | 0.005% |
| 98  | 15.085 | 4365 | 4368 | 4370 | rBV3 | 1421 | 819  | 0.04% | 0.005% |
| 99  | 15.345 | 4443 | 4449 | 4452 | rBV6 | 1976 | 2202 | 0.10% | 0.013% |
| 100 | 15.696 | 4556 | 4558 | 4562 | rBV5 | 1458 | 1361 | 0.06% | 0.008% |

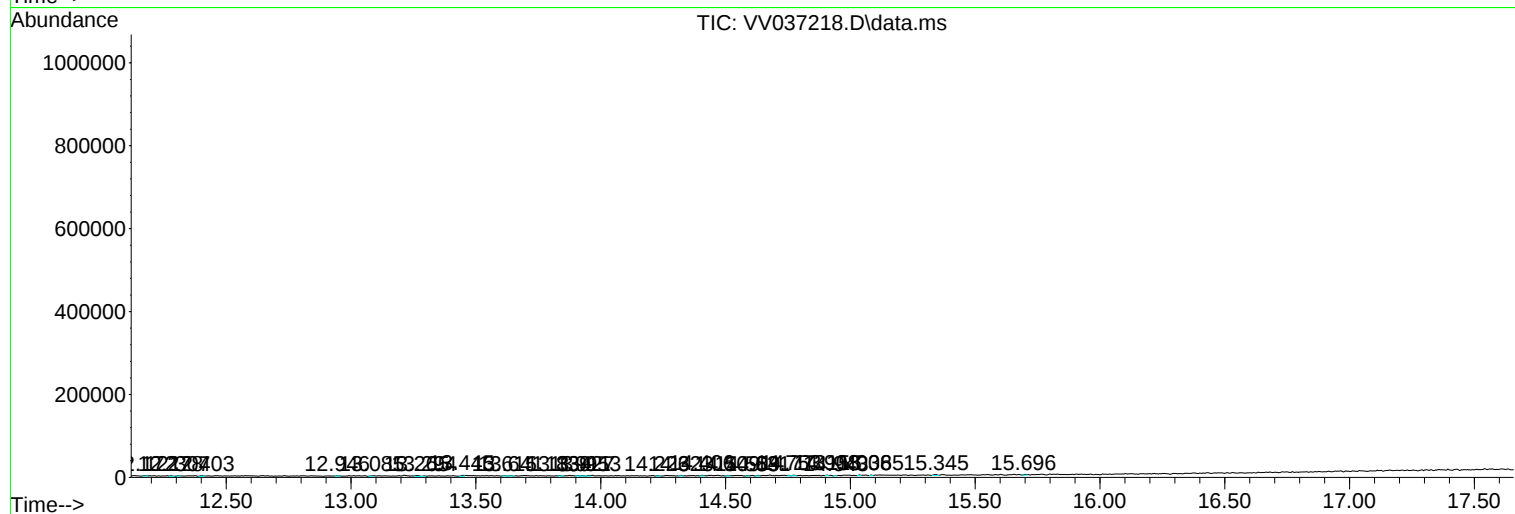
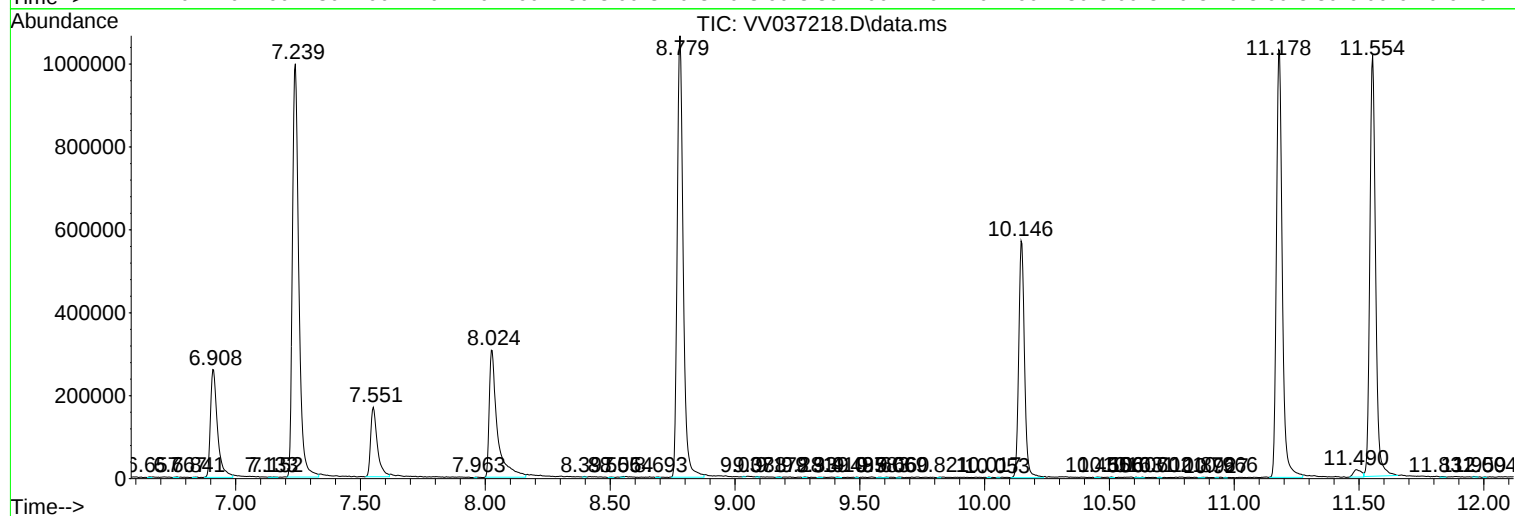
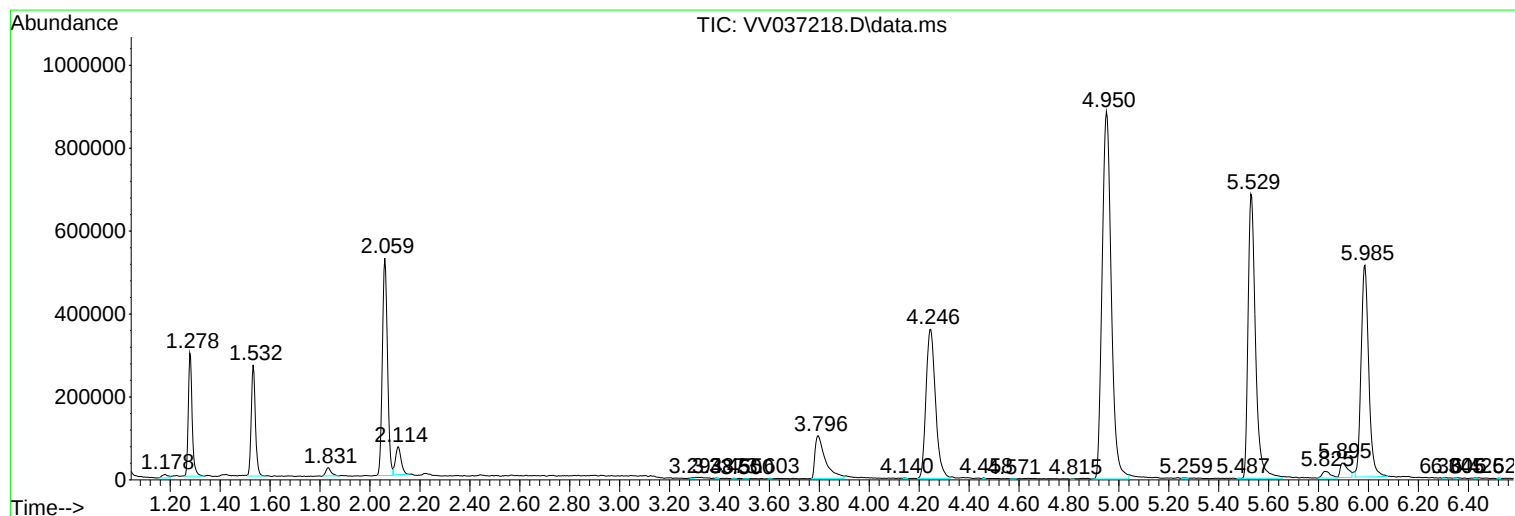
Sum of corrected areas: 17047350

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090624\  
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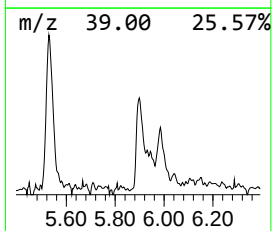
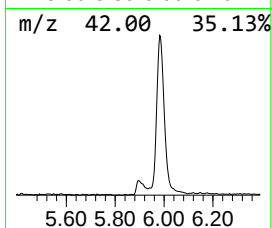
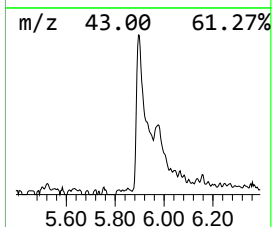
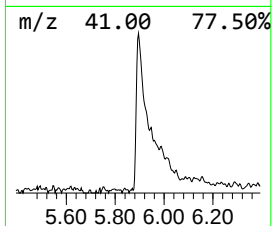
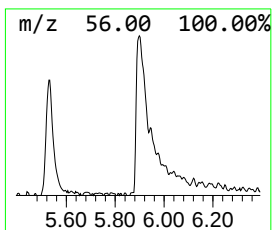
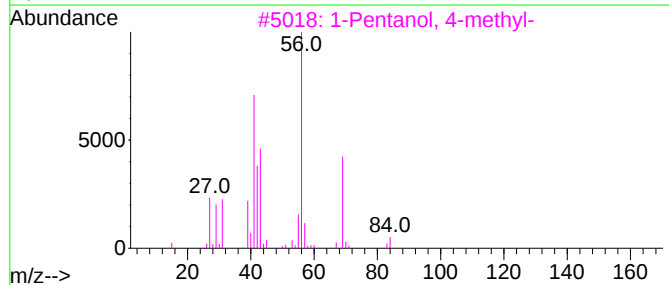
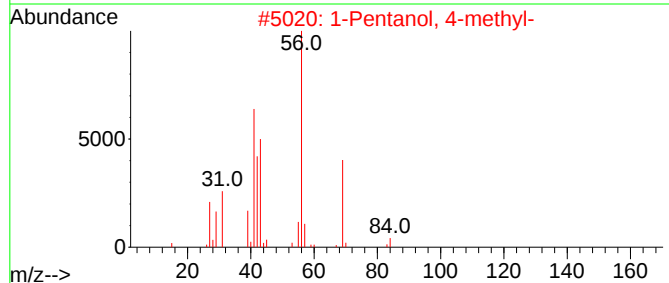
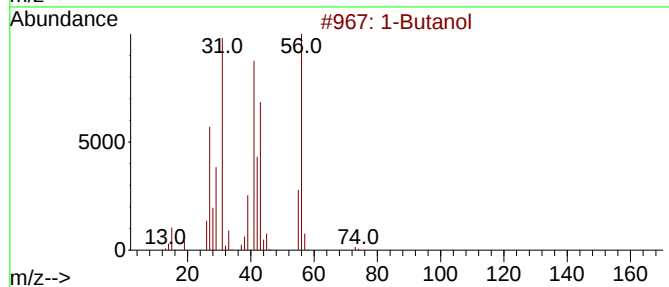
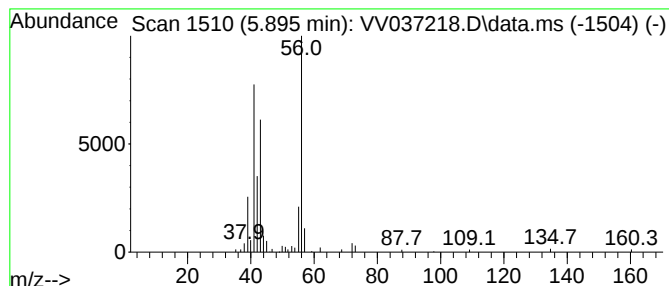
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 1-Butanol Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.895 | 2.65 ug/L | 75531 | 1,4-Difluorobenzene | 5.529 |

| Hit# | of                    | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-----------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Butanol             |   |              | 74  | C4H10O  | 000071-36-3 | 72   |
| 2    | 1-Pentanol, 4-methyl- |   |              | 102 | C6H14O  | 000626-89-1 | 56   |
| 3    | 1-Pentanol, 4-methyl- |   |              | 102 | C6H14O  | 000626-89-1 | 56   |
| 4    | 1-Butanol             |   |              | 74  | C4H10O  | 000071-36-3 | 56   |
| 5    | 1-Butanol             |   |              | 74  | C4H10O  | 000071-36-3 | 56   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| 1-Butanol        | 5.895 | 2.6     | ug/L  | 75531    | 1                     | 5.529 | 1426390 | 50.0 |