

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041422\  
 Data File : VU048069.D  
 Acq On : 14 Apr 2022 19:27  
 Operator : SY/MD  
 Sample : N2387-03  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J55

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\_U\Method\SFAMULM032422WMA.M

Title : VOC Analysis

Signal : TIC: VU048069.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         | 1.601       | 74            | 81          | 100          | rBV      | 122106         | 146993        | 13.13%          | 1.590%        |
| 2         | 1.916       | 170           | 179         | 203          | rVB      | 105020         | 151287        | 13.52%          | 1.637%        |
| 3         | 2.568       | 369           | 382         | 397          | rBV      | 214950         | 356083        | 31.82%          | 3.853%        |
| 4         | 2.755       | 427           | 440         | 466          | rBV      | 54854          | 109738        | 9.81%           | 1.187%        |
| 5         | 2.945       | 495           | 499         | 503          | rBV2     | 457            | 535           | 0.05%           | 0.006%        |
| 6         | 3.102       | 545           | 548         | 549          | rBV2     | 381            | 204           | 0.02%           | 0.002%        |
| 7         | 3.131       | 554           | 557         | 558          | rBV      | 304            | 187           | 0.02%           | 0.002%        |
| 8         | 3.182       | 564           | 573         | 575          | rBV5     | 2300           | 2858          | 0.26%           | 0.031%        |
| 9         | 3.237       | 587           | 590         | 594          | rVB2     | 415            | 236           | 0.02%           | 0.003%        |
| 10        | 3.273       | 599           | 601         | 605          | rVB      | 451            | 233           | 0.02%           | 0.003%        |
| 11        | 3.295       | 606           | 608         | 613          | rVB      | 266            | 222           | 0.02%           | 0.002%        |
| 12        | 3.321       | 613           | 616         | 618          | rBV2     | 294            | 233           | 0.02%           | 0.003%        |
| 13        | 3.433       | 648           | 651         | 652          | rBV2     | 289            | 174           | 0.02%           | 0.002%        |
| 14        | 3.446       | 652           | 655         | 659          | rVB2     | 443            | 260           | 0.02%           | 0.003%        |
| 15        | 3.636       | 712           | 714         | 719          | rVV2     | 367            | 345           | 0.03%           | 0.004%        |
| 16        | 3.668       | 719           | 724         | 725          | rVV      | 190            | 191           | 0.02%           | 0.002%        |
| 17        | 3.694       | 729           | 732         | 735          | rVV      | 295            | 228           | 0.02%           | 0.002%        |
| 18        | 3.739       | 739           | 746         | 748          | rBV2     | 401            | 446           | 0.04%           | 0.005%        |
| 19        | 3.883       | 787           | 791         | 795          | rVB3     | 276            | 218           | 0.02%           | 0.002%        |
| 20        | 3.957       | 811           | 814         | 820          | rVB      | 261            | 248           | 0.02%           | 0.003%        |
| 21        | 4.102       | 856           | 859         | 863          | rBV2     | 203            | 184           | 0.02%           | 0.002%        |
| 22        | 4.247       | 901           | 904         | 908          | rBV2     | 216            | 200           | 0.02%           | 0.002%        |
| 23        | 4.279       | 911           | 914         | 920          | rVB2     | 306            | 298           | 0.03%           | 0.003%        |
| 24        | 4.414       | 951           | 956         | 960          | rVB2     | 420            | 393           | 0.04%           | 0.004%        |
| 25        | 4.436       | 960           | 963         | 966          | rBV2     | 231            | 173           | 0.02%           | 0.002%        |
| 26        | 4.559       | 996           | 1001        | 1005         | rVB2     | 209            | 205           | 0.02%           | 0.002%        |
| 27        | 4.623       | 1008          | 1021        | 1060         | rBV      | 130570         | 323264        | 28.89%          | 3.498%        |
| 28        | 5.067       | 1141          | 1159        | 1182         | rBV      | 209041         | 458803        | 41.00%          | 4.964%        |
| 29        | 5.288       | 1222          | 1228        | 1239         | rVB2     | 663            | 1184          | 0.11%           | 0.013%        |
| 30        | 5.401       | 1260          | 1263        | 1269         | rVB2     | 410            | 233           | 0.02%           | 0.003%        |
| 31        | 5.729       | 1342          | 1365        | 1398         | rBV2     | 402774         | 1119138       | 100.00%         | 12.108%       |
| 32        | 5.851       | 1398          | 1403        | 1406         | rBV2     | 708            | 572           | 0.05%           | 0.006%        |
| 33        | 6.047       | 1460          | 1464        | 1466         | rBV      | 260            | 194           | 0.02%           | 0.002%        |
| 34        | 6.099       | 1477          | 1480        | 1482         | rBV2     | 242            | 174           | 0.02%           | 0.002%        |
| 35        | 6.160       | 1497          | 1499        | 1506         | rBV3     | 284            | 302           | 0.03%           | 0.003%        |
| 36        | 6.250       | 1512          | 1527        | 1549         | rBV      | 349585         | 669982        | 59.87%          | 7.249%        |

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 ClientSampleId :  
 C0J55

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\_U\Method\SFAMULM032422WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 6.533  | 1608 | 1615 | 1620 | rVB6 | 1324   | 2074   | 0.19%  | 0.022% |
| 38 | 6.694  | 1650 | 1665 | 1688 | rBV  | 259829 | 513810 | 45.91% | 5.559% |
| 39 | 6.793  | 1693 | 1696 | 1698 | rBV2 | 374    | 202    | 0.02%  | 0.002% |
| 40 | 6.870  | 1718 | 1720 | 1729 | rVB2 | 309    | 289    | 0.03%  | 0.003% |
| 41 | 6.909  | 1729 | 1732 | 1735 | rBV2 | 243    | 174    | 0.02%  | 0.002% |
| 42 | 6.967  | 1747 | 1750 | 1752 | rBV2 | 290    | 176    | 0.02%  | 0.002% |
| 43 | 7.044  | 1771 | 1774 | 1776 | rBV  | 327    | 260    | 0.02%  | 0.003% |
| 44 | 7.092  | 1785 | 1789 | 1792 | rBV2 | 354    | 300    | 0.03%  | 0.003% |
| 45 | 7.186  | 1810 | 1818 | 1833 | rVB4 | 3409   | 6275   | 0.56%  | 0.068% |
| 46 | 7.485  | 1908 | 1911 | 1915 | rVV3 | 197    | 185    | 0.02%  | 0.002% |
| 47 | 7.568  | 1923 | 1937 | 1957 | rBV  | 126802 | 227530 | 20.33% | 2.462% |
| 48 | 7.687  | 1967 | 1974 | 1984 | rBV4 | 2569   | 4204   | 0.38%  | 0.045% |
| 49 | 7.748  | 1989 | 1993 | 1995 | rBV2 | 450    | 382    | 0.03%  | 0.004% |
| 50 | 7.806  | 2006 | 2011 | 2014 | rBV4 | 430    | 396    | 0.04%  | 0.004% |
| 51 | 7.899  | 2026 | 2040 | 2056 | rBV  | 481521 | 839287 | 74.99% | 9.081% |
| 52 | 8.179  | 2115 | 2127 | 2142 | rBV  | 89316  | 154825 | 13.83% | 1.675% |
| 53 | 8.478  | 2206 | 2220 | 2232 | rBV4 | 1954   | 4300   | 0.38%  | 0.047% |
| 54 | 8.632  | 2255 | 2268 | 2307 | rBV  | 380167 | 731836 | 65.39% | 7.918% |
| 55 | 9.157  | 2427 | 2431 | 2432 | rBV2 | 353    | 265    | 0.02%  | 0.003% |
| 56 | 9.346  | 2487 | 2490 | 2494 | rBV  | 255    | 197    | 0.02%  | 0.002% |
| 57 | 9.420  | 2499 | 2513 | 2548 | rBV  | 539422 | 920268 | 82.23% | 9.957% |
| 58 | 9.578  | 2558 | 2562 | 2567 | rVB2 | 755    | 696    | 0.06%  | 0.008% |
| 59 | 9.693  | 2592 | 2598 | 2612 | rVB5 | 1969   | 2922   | 0.26%  | 0.032% |
| 60 | 9.780  | 2620 | 2625 | 2627 | rBV2 | 210    | 191    | 0.02%  | 0.002% |
| 61 | 9.899  | 2656 | 2662 | 2663 | rBV2 | 252    | 218    | 0.02%  | 0.002% |
| 62 | 9.970  | 2680 | 2684 | 2688 | rBV2 | 250    | 282    | 0.03%  | 0.003% |
| 63 | 10.285 | 2777 | 2782 | 2791 | rVB3 | 419    | 604    | 0.05%  | 0.007% |
| 64 | 10.427 | 2820 | 2826 | 2831 | rBB3 | 237    | 269    | 0.02%  | 0.003% |
| 65 | 10.459 | 2832 | 2836 | 2839 | rVB2 | 382    | 276    | 0.02%  | 0.003% |
| 66 | 10.481 | 2839 | 2843 | 2851 | rVB  | 428    | 430    | 0.04%  | 0.005% |
| 67 | 10.568 | 2863 | 2870 | 2872 | rBV2 | 327    | 412    | 0.04%  | 0.004% |
| 68 | 10.581 | 2872 | 2874 | 2879 | rVB  | 227    | 175    | 0.02%  | 0.002% |
| 69 | 10.671 | 2895 | 2902 | 2911 | rVB4 | 945    | 1235   | 0.11%  | 0.013% |
| 70 | 10.758 | 2916 | 2929 | 2947 | rVV  | 421365 | 681684 | 60.91% | 7.375% |
| 71 | 10.896 | 2964 | 2972 | 2982 | rVB2 | 3396   | 5757   | 0.51%  | 0.062% |
| 72 | 10.999 | 3001 | 3004 | 3010 | rBV2 | 548    | 569    | 0.05%  | 0.006% |
| 73 | 11.295 | 3093 | 3096 | 3098 | rBV  | 362    | 236    | 0.02%  | 0.003% |
| 74 | 11.353 | 3109 | 3114 | 3116 | rBV  | 260    | 248    | 0.02%  | 0.003% |
| 75 | 11.372 | 3116 | 3120 | 3126 | rVB3 | 431    | 375    | 0.03%  | 0.004% |
| 76 | 11.452 | 3142 | 3145 | 3147 | rBV2 | 542    | 354    | 0.03%  | 0.004% |

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Instrument :  
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 ClientSampleId :  
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Integration Parameters: LSCINT.P

Integrator: RTE

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Min Area: 0 % of largest Peak

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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\_U\Method\SFAMULM032422WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 11.558 | 3175 | 3178 | 3183 | rBV2 | 275    | 228    | 0.02%  | 0.002% |
| 78  | 11.584 | 3183 | 3186 | 3190 | rVB4 | 451    | 360    | 0.03%  | 0.004% |
| 79  | 11.607 | 3190 | 3193 | 3197 | rVB  | 398    | 314    | 0.03%  | 0.003% |
| 80  | 11.629 | 3197 | 3200 | 3203 | rBV2 | 443    | 406    | 0.04%  | 0.004% |
| 81  | 11.687 | 3215 | 3218 | 3220 | rBV2 | 297    | 178    | 0.02%  | 0.002% |
| 82  | 11.703 | 3220 | 3223 | 3226 | rVB3 | 260    | 189    | 0.02%  | 0.002% |
| 83  | 11.748 | 3233 | 3237 | 3240 | rBV2 | 558    | 542    | 0.05%  | 0.006% |
| 84  | 11.812 | 3245 | 3257 | 3274 | rBV  | 576136 | 913272 | 81.60% | 9.881% |
| 85  | 11.944 | 3296 | 3298 | 3301 | rVB2 | 460    | 206    | 0.02%  | 0.002% |
| 86  | 11.970 | 3304 | 3306 | 3309 | rBV2 | 436    | 258    | 0.02%  | 0.003% |
| 87  | 12.070 | 3328 | 3337 | 3353 | rBV5 | 3252   | 6716   | 0.60%  | 0.073% |
| 88  | 12.195 | 3363 | 3376 | 3395 | rBV  | 518464 | 861386 | 76.97% | 9.320% |
| 89  | 12.304 | 3407 | 3410 | 3415 | rVB4 | 557    | 422    | 0.04%  | 0.005% |
| 90  | 12.648 | 3515 | 3517 | 3520 | rBV2 | 296    | 209    | 0.02%  | 0.002% |
| 91  | 12.716 | 3535 | 3538 | 3544 | rBV3 | 293    | 249    | 0.02%  | 0.003% |
| 92  | 12.774 | 3553 | 3556 | 3559 | rBV3 | 484    | 364    | 0.03%  | 0.004% |
| 93  | 13.230 | 3696 | 3698 | 3700 | rBV2 | 346    | 189    | 0.02%  | 0.002% |
| 94  | 13.439 | 3761 | 3763 | 3765 | rBV  | 322    | 188    | 0.02%  | 0.002% |
| 95  | 13.581 | 3804 | 3807 | 3812 | rBV2 | 290    | 305    | 0.03%  | 0.003% |
| 96  | 13.703 | 3838 | 3845 | 3848 | rBV2 | 473    | 565    | 0.05%  | 0.006% |
| 97  | 13.848 | 3883 | 3890 | 3901 | rBV5 | 2853   | 4304   | 0.38%  | 0.047% |
| 98  | 13.951 | 3917 | 3922 | 3925 | rVV3 | 358    | 455    | 0.04%  | 0.005% |
| 99  | 14.327 | 4035 | 4039 | 4040 | rBV2 | 708    | 523    | 0.05%  | 0.006% |
| 100 | 15.015 | 4251 | 4253 | 4259 | rBV2 | 462    | 405    | 0.04%  | 0.004% |

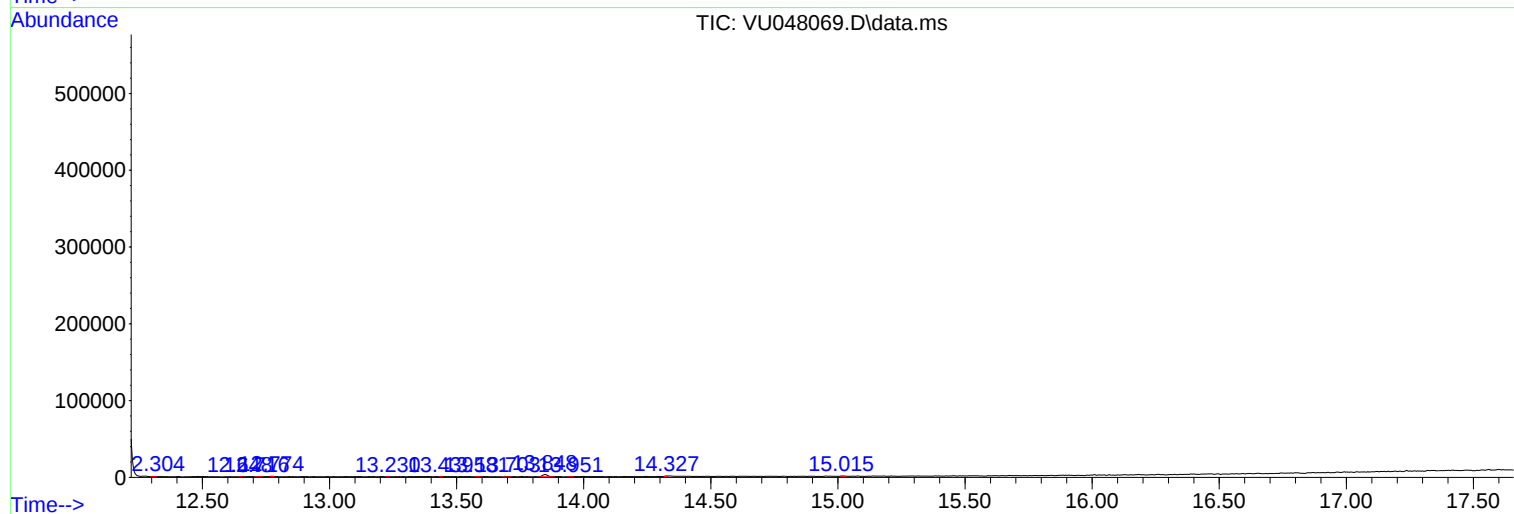
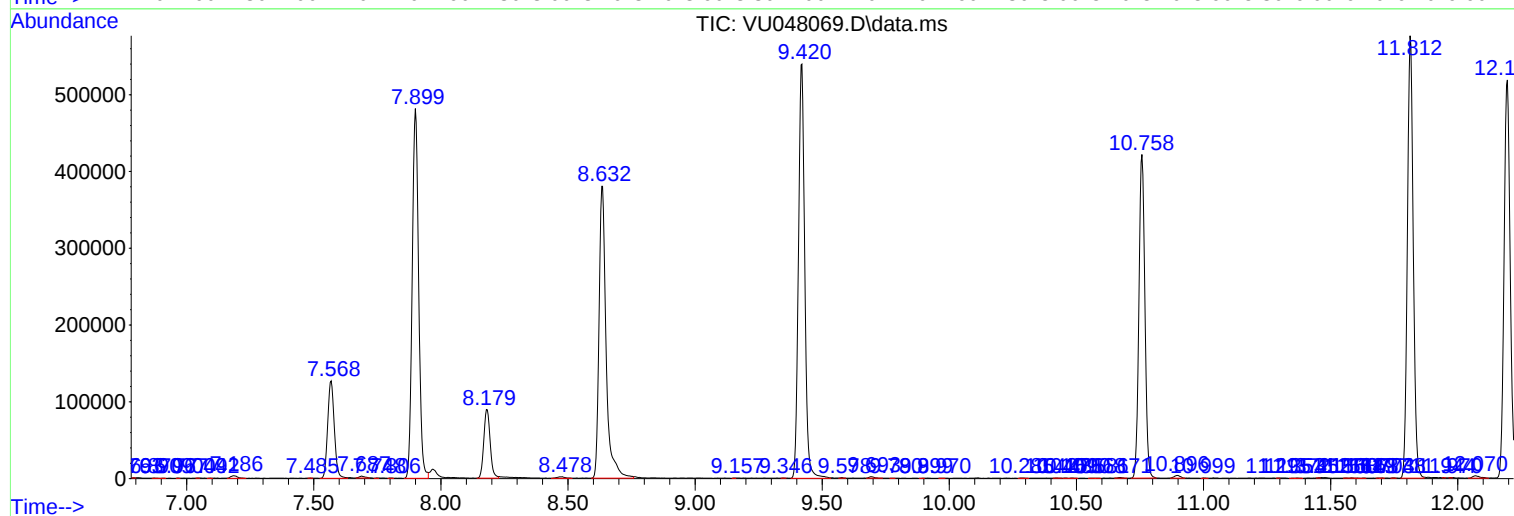
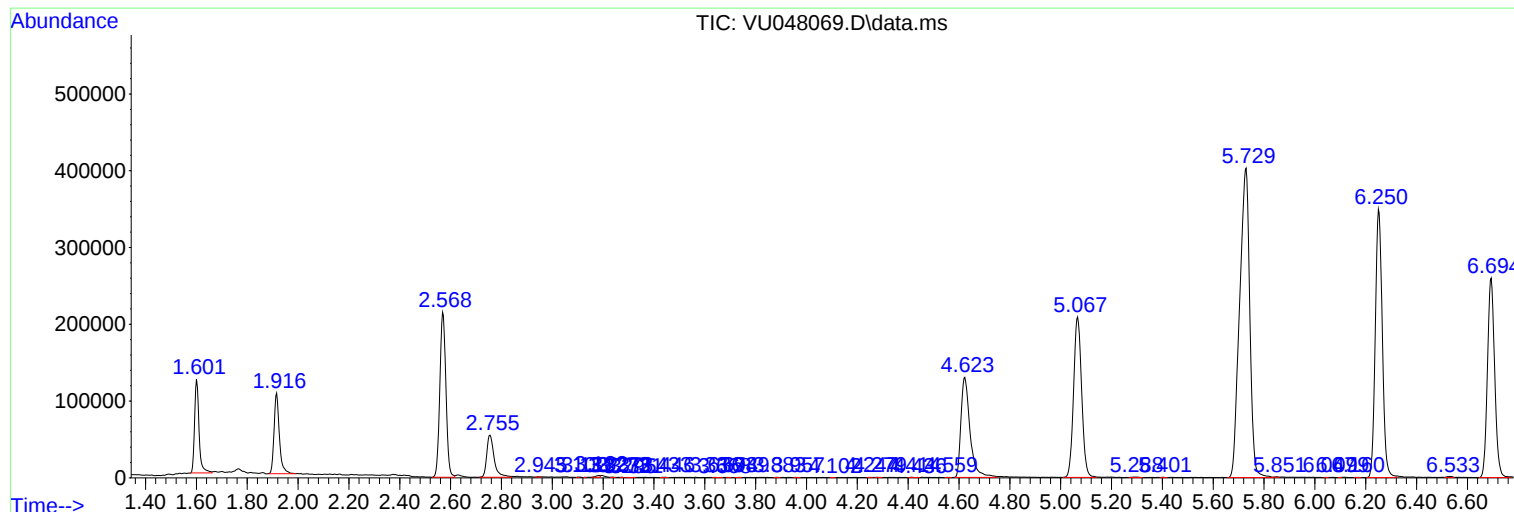
Sum of corrected areas: 9242619

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Sample : N2387-03  
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ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041422\  
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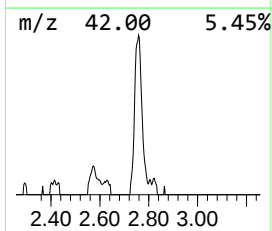
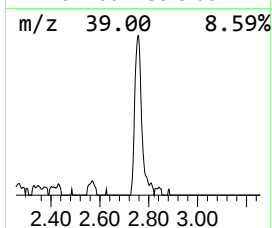
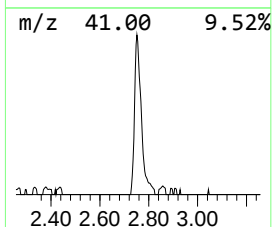
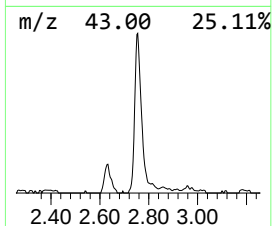
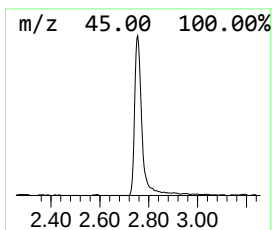
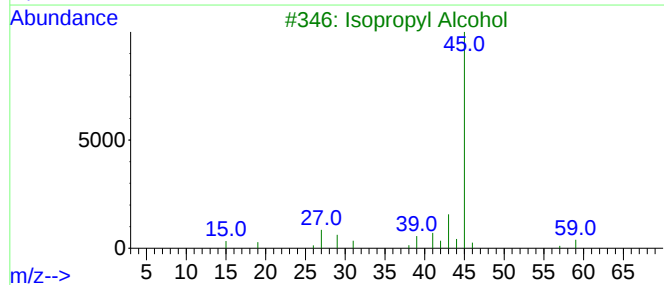
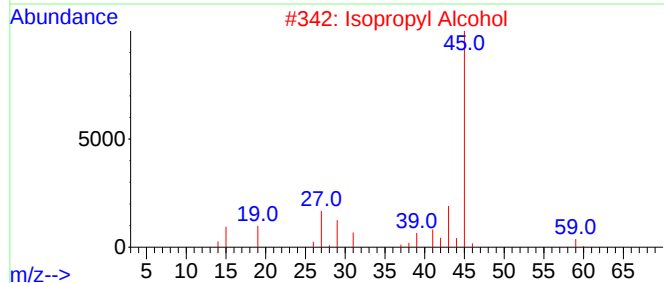
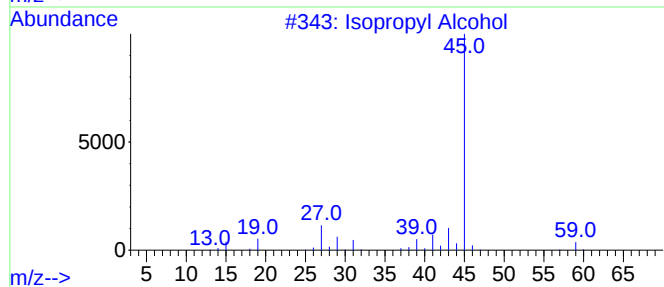
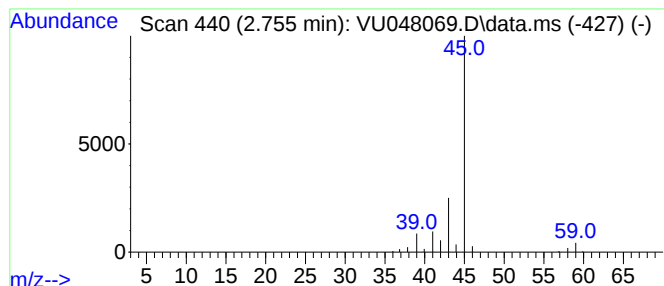
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 2.755 | 8.19 ug/L | 109738 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 78   |
| 2    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 64   |
| 3    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 56   |
| 4    |    |   | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2  | 000540-73-8 | 9    |
| 5    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 9    |



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

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol | 2.755 | 8.2     | ug/L  | 109738   | 1                     | 6.250 | 669982 | 50.0 |