

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072524\  
 Data File : VU060208.D  
 Acq On : 26 Jul 2024 06:11  
 Operator : MD/SY  
 Sample : P3347-09  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B22

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\SFAMULM070224WMA.M

Title : VOC Analysis

Signal : TIC: VU060208.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         | 1.595       | 88            | 95          | 114          | rVB      | 100774         | 117312        | 15.91%          | 1.986%        |
| 2         | 1.907       | 185           | 192         | 204          | rVB      | 81468          | 109988        | 14.92%          | 1.862%        |
| 3         | 2.560       | 383           | 395         | 411          | rBV      | 143320         | 236583        | 32.09%          | 4.005%        |
| 4         | 2.959       | 517           | 519         | 524          | rBV2     | 284            | 188           | 0.03%           | 0.003%        |
| 5         | 2.984       | 524           | 527         | 531          | rBV      | 298            | 232           | 0.03%           | 0.004%        |
| 6         | 3.042       | 537           | 545         | 557          | rVB6     | 2470           | 4908          | 0.67%           | 0.083%        |
| 7         | 3.100       | 557           | 563         | 566          | rBV2     | 211            | 251           | 0.03%           | 0.004%        |
| 8         | 3.174       | 574           | 586         | 601          | rVV2     | 2196           | 5353          | 0.73%           | 0.091%        |
| 9         | 3.251       | 608           | 610         | 615          | rVB      | 208            | 159           | 0.02%           | 0.003%        |
| 10        | 3.287       | 618           | 621         | 623          | rBV2     | 208            | 143           | 0.02%           | 0.002%        |
| 11        | 3.386       | 647           | 652         | 656          | rBV      | 181            | 228           | 0.03%           | 0.004%        |
| 12        | 3.451       | 669           | 672         | 677          | rBV2     | 173            | 175           | 0.02%           | 0.003%        |
| 13        | 3.525       | 690           | 695         | 698          | rBV2     | 329            | 307           | 0.04%           | 0.005%        |
| 14        | 3.589       | 712           | 715         | 717          | rBV      | 244            | 206           | 0.03%           | 0.003%        |
| 15        | 3.647       | 730           | 733         | 736          | rVB2     | 196            | 138           | 0.02%           | 0.002%        |
| 16        | 3.669       | 736           | 740         | 745          | rBV      | 256            | 310           | 0.04%           | 0.005%        |
| 17        | 3.743       | 761           | 763         | 770          | rVB2     | 298            | 267           | 0.04%           | 0.005%        |
| 18        | 3.788       | 774           | 777         | 780          | rBV      | 226            | 172           | 0.02%           | 0.003%        |
| 19        | 3.972       | 828           | 834         | 836          | rBV2     | 280            | 297           | 0.04%           | 0.005%        |
| 20        | 4.045       | 854           | 857         | 859          | rBV      | 230            | 180           | 0.02%           | 0.003%        |
| 21        | 4.103       | 873           | 875         | 883          | rBV2     | 270            | 320           | 0.04%           | 0.005%        |
| 22        | 4.184       | 898           | 900         | 905          | rBV2     | 194            | 159           | 0.02%           | 0.003%        |
| 23        | 4.226       | 905           | 913         | 918          | rVV2     | 268            | 406           | 0.06%           | 0.007%        |
| 24        | 4.258       | 919           | 923         | 930          | rBV2     | 264            | 322           | 0.04%           | 0.005%        |
| 25        | 4.316       | 938           | 941         | 944          | rVB2     | 234            | 171           | 0.02%           | 0.003%        |
| 26        | 4.357       | 950           | 954         | 956          | rBV2     | 232            | 172           | 0.02%           | 0.003%        |
| 27        | 4.579       | 1020          | 1023        | 1027         | rBV2     | 261            | 211           | 0.03%           | 0.004%        |
| 28        | 4.621       | 1027          | 1036        | 1066         | rBV      | 63389          | 174332        | 23.65%          | 2.951%        |
| 29        | 5.055       | 1156          | 1171        | 1194         | rBV      | 128901         | 286878        | 38.92%          | 4.856%        |
| 30        | 5.219       | 1220          | 1222        | 1226         | rVB      | 370            | 198           | 0.03%           | 0.003%        |
| 31        | 5.254       | 1230          | 1233        | 1236         | rBV      | 270            | 205           | 0.03%           | 0.003%        |
| 32        | 5.332       | 1254          | 1257        | 1262         | rVB2     | 328            | 284           | 0.04%           | 0.005%        |
| 33        | 5.367       | 1262          | 1268        | 1269         | rBV      | 224            | 232           | 0.03%           | 0.004%        |
| 34        | 5.447       | 1290          | 1293        | 1295         | rBV2     | 192            | 166           | 0.02%           | 0.003%        |
| 35        | 5.480       | 1299          | 1303        | 1306         | rBV      | 263            | 182           | 0.02%           | 0.003%        |
| 36        | 5.525       | 1312          | 1317        | 1319         | rBV      | 171            | 180           | 0.02%           | 0.003%        |

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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\SFAMULM070224WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 37 | 5.611 | 1338 | 1344 | 1346 | rBV  | 241    | 205    | 0.03%   | 0.003%  |
| 38 | 5.717 | 1357 | 1377 | 1403 | rBV2 | 272992 | 737166 | 100.00% | 12.479% |
| 39 | 5.939 | 1440 | 1446 | 1449 | rBV2 | 286    | 333    | 0.05%   | 0.006%  |
| 40 | 5.962 | 1450 | 1453 | 1456 | rBV3 | 237    | 189    | 0.03%   | 0.003%  |
| 41 | 6.007 | 1464 | 1467 | 1469 | rBV2 | 263    | 137    | 0.02%   | 0.002%  |
| 42 | 6.071 | 1484 | 1487 | 1489 | rVB  | 230    | 140    | 0.02%   | 0.002%  |
| 43 | 6.090 | 1489 | 1493 | 1495 | rBV  | 275    | 167    | 0.02%   | 0.003%  |
| 44 | 6.242 | 1526 | 1540 | 1568 | rBV  | 287674 | 551952 | 74.87%  | 9.344%  |
| 45 | 6.537 | 1622 | 1632 | 1639 | rBV6 | 2065   | 3903   | 0.53%   | 0.066%  |
| 46 | 6.682 | 1663 | 1677 | 1698 | rBV  | 170102 | 330995 | 44.90%  | 5.603%  |
| 47 | 6.891 | 1739 | 1742 | 1747 | rBV  | 306    | 275    | 0.04%   | 0.005%  |
| 48 | 6.933 | 1751 | 1755 | 1760 | rVB2 | 206    | 247    | 0.03%   | 0.004%  |
| 49 | 6.955 | 1760 | 1762 | 1765 | rBV2 | 302    | 182    | 0.02%   | 0.003%  |
| 50 | 7.106 | 1798 | 1809 | 1813 | rBV2 | 304    | 492    | 0.07%   | 0.008%  |
| 51 | 7.193 | 1834 | 1836 | 1838 | rBV2 | 324    | 200    | 0.03%   | 0.003%  |
| 52 | 7.270 | 1856 | 1860 | 1862 | rBV2 | 225    | 195    | 0.03%   | 0.003%  |
| 53 | 7.306 | 1868 | 1871 | 1875 | rBV2 | 238    | 205    | 0.03%   | 0.003%  |
| 54 | 7.332 | 1876 | 1879 | 1882 | rVB2 | 272    | 184    | 0.02%   | 0.003%  |
| 55 | 7.354 | 1882 | 1886 | 1890 | rBV  | 227    | 246    | 0.03%   | 0.004%  |
| 56 | 7.438 | 1908 | 1912 | 1915 | rBV  | 199    | 215    | 0.03%   | 0.004%  |
| 57 | 7.515 | 1931 | 1936 | 1939 | rBV2 | 205    | 231    | 0.03%   | 0.004%  |
| 58 | 7.560 | 1939 | 1950 | 1971 | rVV  | 78004  | 142221 | 19.29%  | 2.408%  |
| 59 | 7.692 | 1988 | 1991 | 1993 | rBV  | 166    | 149    | 0.02%   | 0.003%  |
| 60 | 7.891 | 2040 | 2053 | 2071 | rBV  | 310954 | 546704 | 74.16%  | 9.255%  |
| 61 | 8.174 | 2126 | 2141 | 2157 | rBV  | 51977  | 92578  | 12.56%  | 1.567%  |
| 62 | 8.312 | 2181 | 2184 | 2188 | rBV2 | 389    | 335    | 0.05%   | 0.006%  |
| 63 | 8.357 | 2194 | 2198 | 2202 | rBV  | 262    | 196    | 0.03%   | 0.003%  |
| 64 | 8.393 | 2202 | 2209 | 2212 | rBV2 | 359    | 424    | 0.06%   | 0.007%  |
| 65 | 8.463 | 2221 | 2231 | 2240 | rBV3 | 1743   | 2941   | 0.40%   | 0.050%  |
| 66 | 8.515 | 2244 | 2247 | 2251 | rBV2 | 305    | 191    | 0.03%   | 0.003%  |
| 67 | 8.550 | 2255 | 2258 | 2260 | rBV2 | 294    | 165    | 0.02%   | 0.003%  |
| 68 | 8.630 | 2272 | 2283 | 2320 | rBV2 | 174854 | 363749 | 49.34%  | 6.158%  |
| 69 | 8.997 | 2394 | 2397 | 2400 | rBV2 | 214    | 198    | 0.03%   | 0.003%  |
| 70 | 9.122 | 2431 | 2436 | 2438 | rBV  | 230    | 245    | 0.03%   | 0.004%  |
| 71 | 9.174 | 2447 | 2452 | 2456 | rBV2 | 406    | 412    | 0.06%   | 0.007%  |
| 72 | 9.219 | 2463 | 2466 | 2468 | rBV2 | 197    | 167    | 0.02%   | 0.003%  |
| 73 | 9.267 | 2478 | 2481 | 2486 | rBV2 | 300    | 315    | 0.04%   | 0.005%  |
| 74 | 9.412 | 2514 | 2526 | 2569 | rBV  | 407381 | 686215 | 93.09%  | 11.617% |
| 75 | 9.695 | 2606 | 2614 | 2622 | rBV3 | 1735   | 2824   | 0.38%   | 0.048%  |
| 76 | 9.868 | 2664 | 2668 | 2670 | rBV  | 263    | 204    | 0.03%   | 0.003%  |

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 9.955  | 2691 | 2695 | 2697 | rBV  | 276    | 217    | 0.03%  | 0.004% |
| 78  | 10.100 | 2732 | 2740 | 2743 | rBV3 | 1034   | 1266   | 0.17%  | 0.021% |
| 79  | 10.749 | 2929 | 2942 | 2963 | rBV  | 238439 | 389588 | 52.85% | 6.595% |
| 80  | 11.003 | 3017 | 3021 | 3025 | rVB2 | 358    | 313    | 0.04%  | 0.005% |
| 81  | 11.084 | 3043 | 3046 | 3049 | rBV  | 247    | 187    | 0.03%  | 0.003% |
| 82  | 11.142 | 3061 | 3064 | 3068 | rVB  | 263    | 151    | 0.02%  | 0.003% |
| 83  | 11.251 | 3092 | 3098 | 3100 | rBV  | 307    | 353    | 0.05%  | 0.006% |
| 84  | 11.306 | 3111 | 3115 | 3118 | rBV2 | 336    | 276    | 0.04%  | 0.005% |
| 85  | 11.476 | 3161 | 3168 | 3172 | rBV3 | 848    | 1140   | 0.15%  | 0.019% |
| 86  | 11.515 | 3176 | 3180 | 3181 | rBV  | 287    | 192    | 0.03%  | 0.003% |
| 87  | 11.666 | 3223 | 3227 | 3229 | rBV  | 240    | 213    | 0.03%  | 0.004% |
| 88  | 11.749 | 3250 | 3253 | 3257 | rBV  | 232    | 231    | 0.03%  | 0.004% |
| 89  | 11.807 | 3259 | 3271 | 3292 | rBV  | 353196 | 573865 | 77.85% | 9.715% |
| 90  | 12.081 | 3347 | 3356 | 3370 | rBV8 | 3139   | 7711   | 1.05%  | 0.131% |
| 91  | 12.187 | 3377 | 3389 | 3413 | rBV  | 277472 | 458175 | 62.15% | 7.756% |
| 92  | 12.579 | 3508 | 3511 | 3514 | rBV  | 342    | 250    | 0.03%  | 0.004% |
| 93  | 12.868 | 3597 | 3601 | 3604 | rBV2 | 367    | 408    | 0.06%  | 0.007% |
| 94  | 13.187 | 3697 | 3700 | 3701 | rBV2 | 299    | 162    | 0.02%  | 0.003% |
| 95  | 13.370 | 3754 | 3757 | 3758 | rBV  | 310    | 157    | 0.02%  | 0.003% |
| 96  | 13.441 | 3776 | 3779 | 3782 | rBV2 | 300    | 278    | 0.04%  | 0.005% |
| 97  | 13.839 | 3902 | 3903 | 3907 | rBV2 | 293    | 192    | 0.03%  | 0.003% |
| 98  | 13.990 | 3948 | 3950 | 3955 | rBV2 | 289    | 261    | 0.04%  | 0.004% |
| 99  | 14.087 | 3970 | 3980 | 3998 | rBV  | 34175  | 61194  | 8.30%  | 1.036% |
| 100 | 15.061 | 4280 | 4283 | 4287 | rBV2 | 542    | 489    | 0.07%  | 0.008% |

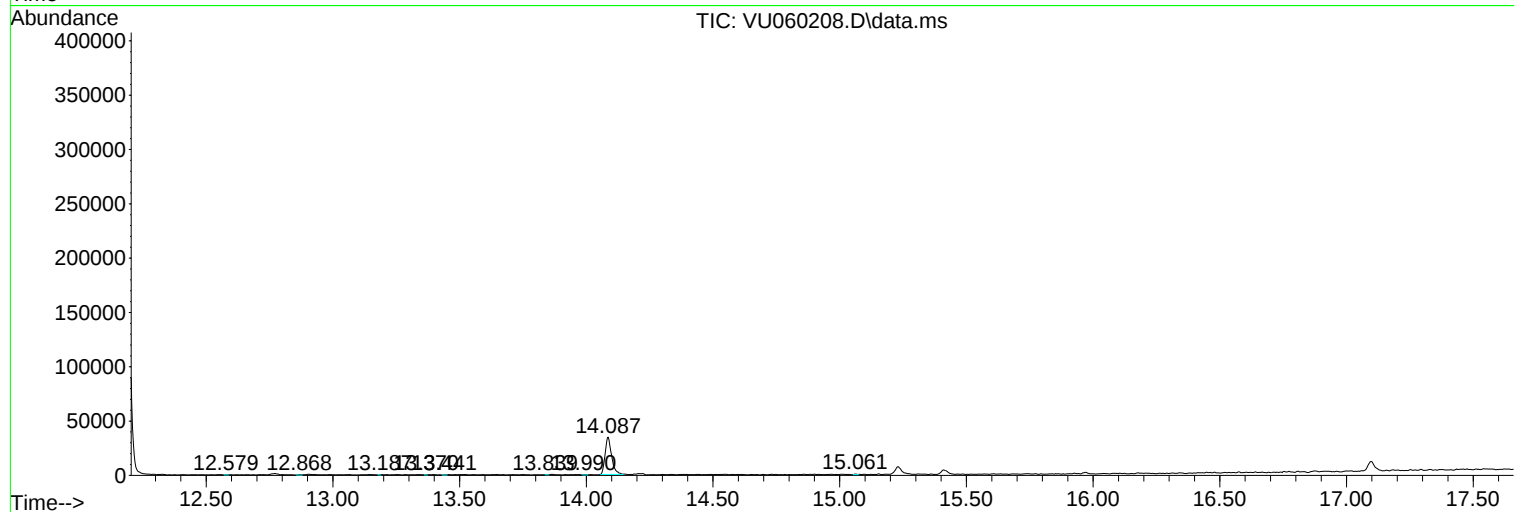
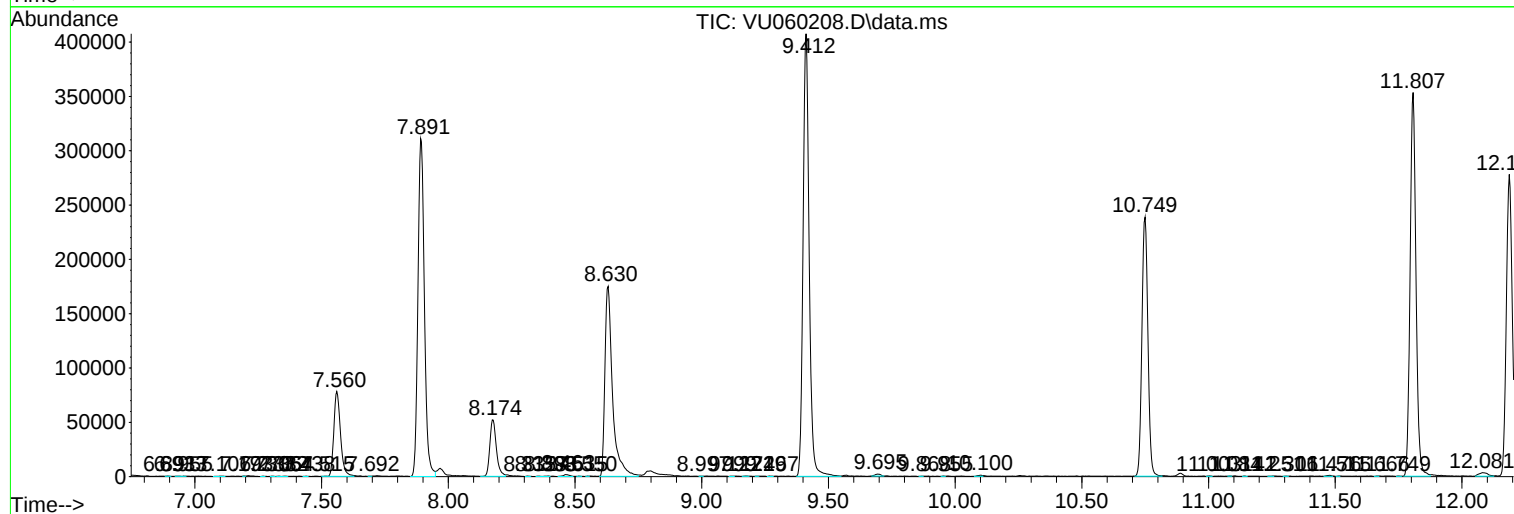
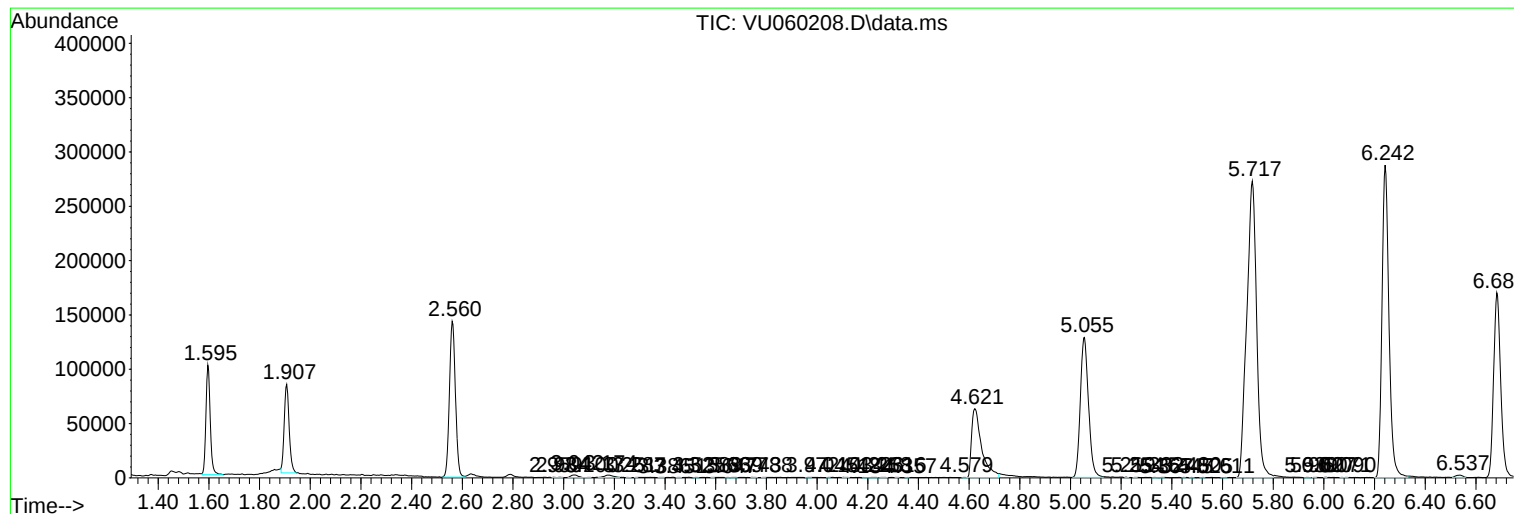
Sum of corrected areas: 5907176

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
Quant Title : VOC Analysis

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



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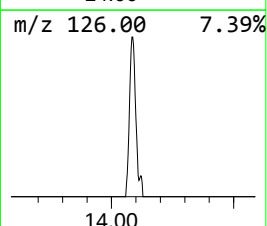
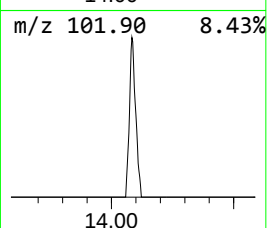
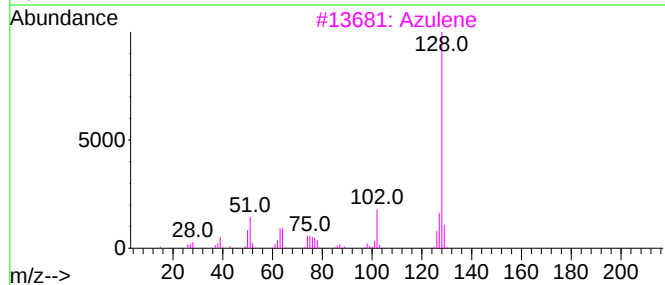
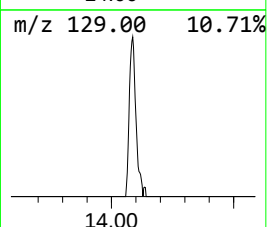
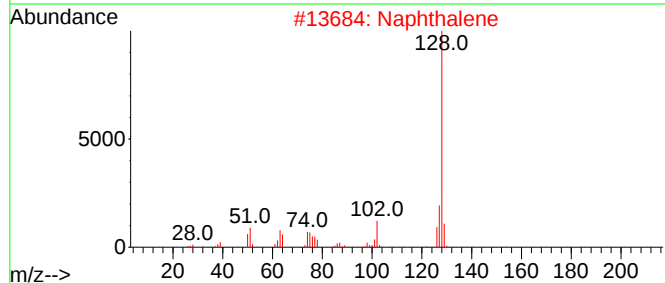
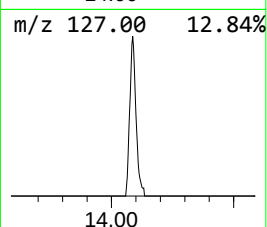
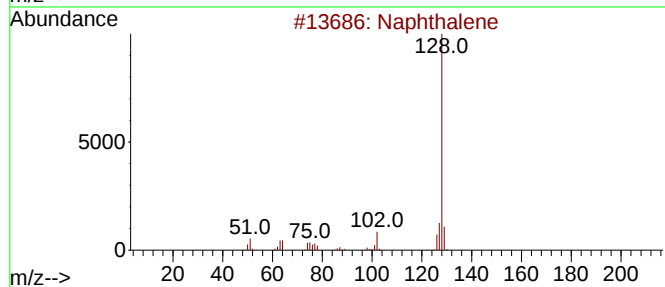
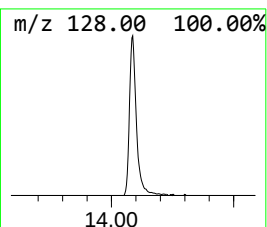
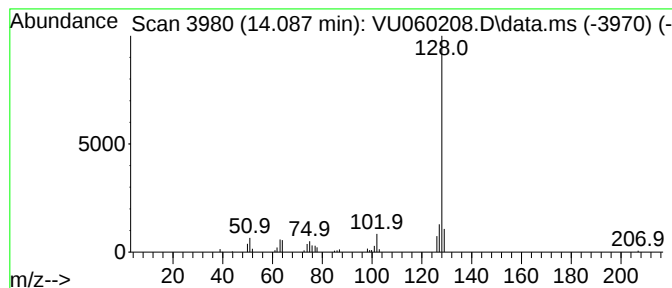
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 2 Azulene Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.087 | 5.33 ug/L | 61194 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 95   |
| 2    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 94   |
| 3    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 94   |
| 4    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 93   |
| 5    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 93   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| Azulene          | 14.087 | 5.3     | ug/L  | 61194    | 3                     | 11.807 | 573865 | 50.0 |