

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062724\  
 Data File : VU059555.D  
 Acq On : 27 Jun 2024 12:03  
 Operator : MD/SY  
 Sample : P3010-06ME  
 Misc : 4.62g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A4CW0ME

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\SFAMULM052924WMA.M  
 Title : VOC Analysis

Signal : TIC: VU059555.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         | 1.522       | 67            | 72          | 75           | rBV      | 1202           | 1394          | 0.08%           | 0.019%        |
| 2         | 1.596       | 88            | 95          | 111          | rVB      | 70096          | 84689         | 4.56%           | 1.178%        |
| 3         | 1.759       | 141           | 146         | 157          | rVB4     | 5165           | 7431          | 0.40%           | 0.103%        |
| 4         | 1.907       | 184           | 192         | 209          | rBV      | 57096          | 81284         | 4.38%           | 1.131%        |
| 5         | 2.448       | 353           | 360         | 374          | rVB3     | 9979           | 16371         | 0.88%           | 0.228%        |
| 6         | 2.560       | 384           | 395         | 410          | rBV      | 114863         | 190717        | 10.27%          | 2.654%        |
| 7         | 2.618       | 410           | 413         | 416          | rBV3     | 710            | 635           | 0.03%           | 0.009%        |
| 8         | 2.660       | 424           | 426         | 430          | rVB2     | 438            | 258           | 0.01%           | 0.004%        |
| 9         | 2.737       | 437           | 450         | 487          | rBV      | 983462         | 1857429       | 100.00%         | 25.846%       |
| 10        | 3.039       | 537           | 544         | 557          | rVB4     | 6653           | 12168         | 0.66%           | 0.169%        |
| 11        | 3.351       | 631           | 641         | 654          | rVB3     | 4539           | 9082          | 0.49%           | 0.126%        |
| 12        | 3.560       | 701           | 706         | 710          | rVB5     | 422            | 437           | 0.02%           | 0.006%        |
| 13        | 3.647       | 730           | 733         | 736          | rBV2     | 400            | 281           | 0.02%           | 0.004%        |
| 14        | 3.666       | 736           | 739         | 744          | rVB3     | 451            | 480           | 0.03%           | 0.007%        |
| 15        | 3.692       | 744           | 747         | 751          | rBV2     | 404            | 402           | 0.02%           | 0.006%        |
| 16        | 3.843       | 792           | 794         | 796          | rBV2     | 367            | 211           | 0.01%           | 0.003%        |
| 17        | 3.981       | 835           | 837         | 844          | rBV2     | 252            | 184           | 0.01%           | 0.003%        |
| 18        | 4.020       | 846           | 849         | 852          | rBV      | 295            | 183           | 0.01%           | 0.003%        |
| 19        | 4.136       | 880           | 885         | 890          | rBV3     | 240            | 304           | 0.02%           | 0.004%        |
| 20        | 4.322       | 941           | 943         | 949          | rVV2     | 268            | 204           | 0.01%           | 0.003%        |
| 21        | 4.460       | 981           | 986         | 992          | rVV3     | 334            | 489           | 0.03%           | 0.007%        |
| 22        | 4.611       | 1020          | 1033        | 1068         | rBV      | 68760          | 180859        | 9.74%           | 2.517%        |
| 23        | 4.843       | 1102          | 1105        | 1108         | rVB3     | 361            | 178           | 0.01%           | 0.002%        |
| 24        | 4.878       | 1112          | 1116        | 1120         | rBV3     | 429            | 432           | 0.02%           | 0.006%        |
| 25        | 4.965       | 1138          | 1143        | 1146         | rBV3     | 1097           | 1364          | 0.07%           | 0.019%        |
| 26        | 5.055       | 1155          | 1171        | 1195         | rBV      | 111309         | 251023        | 13.51%          | 3.493%        |
| 27        | 5.203       | 1213          | 1217        | 1220         | rBV4     | 509            | 478           | 0.03%           | 0.007%        |
| 28        | 5.296       | 1244          | 1246        | 1249         | rVV2     | 284            | 183           | 0.01%           | 0.003%        |
| 29        | 5.312       | 1249          | 1251        | 1256         | rVB3     | 327            | 255           | 0.01%           | 0.004%        |
| 30        | 5.373       | 1264          | 1270        | 1282         | rVB6     | 1041           | 1740          | 0.09%           | 0.024%        |
| 31        | 5.518       | 1311          | 1315        | 1320         | rVB2     | 551            | 538           | 0.03%           | 0.007%        |
| 32        | 5.631       | 1346          | 1350        | 1352         | rBV2     | 282            | 242           | 0.01%           | 0.003%        |
| 33        | 5.718       | 1356          | 1377        | 1414         | rVV2     | 222237         | 623285        | 33.56%          | 8.673%        |
| 34        | 6.026       | 1470          | 1473        | 1477         | rVV2     | 229            | 229           | 0.01%           | 0.003%        |
| 35        | 6.045       | 1477          | 1479        | 1484         | rVB2     | 263            | 184           | 0.01%           | 0.003%        |
| 36        | 6.184       | 1516          | 1522        | 1524         | rBV2     | 244            | 282           | 0.02%           | 0.004%        |

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 ALS Vial : 12 Sample Multiplier: 1

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 MSVOA\_U  
 ClientSampleId :  
 A4CW0ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

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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\SFAMULM052924WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |       |        |        |        |        |
|----|--------|------|------|------|-------|--------|--------|--------|--------|
| 37 | 6.242  | 1527 | 1540 | 1560 | rBV   | 221066 | 426315 | 22.95% | 5.932% |
| 38 | 6.373  | 1579 | 1581 | 1589 | rVB2  | 476    | 301    | 0.02%  | 0.004% |
| 39 | 6.534  | 1617 | 1631 | 1645 | rBV10 | 6094   | 13093  | 0.70%  | 0.182% |
| 40 | 6.685  | 1664 | 1678 | 1694 | rBV   | 143696 | 279855 | 15.07% | 3.894% |
| 41 | 6.811  | 1713 | 1717 | 1722 | rVB4  | 335    | 343    | 0.02%  | 0.005% |
| 42 | 6.849  | 1726 | 1729 | 1732 | rBV3  | 302    | 241    | 0.01%  | 0.003% |
| 43 | 6.923  | 1747 | 1752 | 1759 | rBV2  | 226    | 307    | 0.02%  | 0.004% |
| 44 | 6.991  | 1769 | 1773 | 1777 | rBV2  | 200    | 213    | 0.01%  | 0.003% |
| 45 | 7.081  | 1795 | 1801 | 1803 | rBV   | 271    | 242    | 0.01%  | 0.003% |
| 46 | 7.100  | 1803 | 1807 | 1815 | rVV3  | 903    | 1266   | 0.07%  | 0.018% |
| 47 | 7.193  | 1833 | 1836 | 1837 | rBV2  | 460    | 286    | 0.02%  | 0.004% |
| 48 | 7.203  | 1837 | 1839 | 1842 | rVV2  | 621    | 461    | 0.02%  | 0.006% |
| 49 | 7.219  | 1842 | 1844 | 1852 | rVB2  | 426    | 349    | 0.02%  | 0.005% |
| 50 | 7.428  | 1905 | 1909 | 1914 | rBV2  | 159    | 177    | 0.01%  | 0.002% |
| 51 | 7.560  | 1939 | 1950 | 1976 | rBV   | 73836  | 137320 | 7.39%  | 1.911% |
| 52 | 7.698  | 1990 | 1993 | 1994 | rBV   | 494    | 276    | 0.01%  | 0.004% |
| 53 | 7.730  | 2000 | 2003 | 2005 | rBV2  | 253    | 216    | 0.01%  | 0.003% |
| 54 | 7.795  | 2013 | 2023 | 2031 | rBV3  | 3219   | 4669   | 0.25%  | 0.065% |
| 55 | 7.891  | 2041 | 2053 | 2071 | rBV   | 256240 | 455425 | 24.52% | 6.337% |
| 56 | 8.103  | 2111 | 2119 | 2122 | rVB3  | 293    | 377    | 0.02%  | 0.005% |
| 57 | 8.174  | 2130 | 2141 | 2165 | rBV   | 50628  | 95124  | 5.12%  | 1.324% |
| 58 | 8.396  | 2205 | 2210 | 2218 | rVV5  | 1201   | 1697   | 0.09%  | 0.024% |
| 59 | 8.550  | 2250 | 2258 | 2266 | rBV3  | 4394   | 6776   | 0.36%  | 0.094% |
| 60 | 8.627  | 2271 | 2282 | 2297 | rBV   | 163544 | 310024 | 16.69% | 4.314% |
| 61 | 8.897  | 2362 | 2366 | 2367 | rBV2  | 286    | 209    | 0.01%  | 0.003% |
| 62 | 8.923  | 2367 | 2374 | 2384 | rVB3  | 1376   | 2372   | 0.13%  | 0.033% |
| 63 | 9.036  | 2406 | 2409 | 2417 | rVB2  | 250    | 311    | 0.02%  | 0.004% |
| 64 | 9.315  | 2492 | 2496 | 2502 | rBV2  | 159    | 204    | 0.01%  | 0.003% |
| 65 | 9.412  | 2513 | 2526 | 2563 | rBV   | 329113 | 565267 | 30.43% | 7.866% |
| 66 | 9.569  | 2569 | 2575 | 2587 | rVB4  | 4245   | 6445   | 0.35%  | 0.090% |
| 67 | 9.692  | 2605 | 2613 | 2624 | rBV5  | 3410   | 6321   | 0.34%  | 0.088% |
| 68 | 9.930  | 2684 | 2687 | 2693 | rVB2  | 224    | 192    | 0.01%  | 0.003% |
| 69 | 10.119 | 2732 | 2746 | 2756 | rBV7  | 4653   | 11180  | 0.60%  | 0.156% |
| 70 | 10.209 | 2772 | 2774 | 2779 | rVB2  | 281    | 209    | 0.01%  | 0.003% |
| 71 | 10.290 | 2790 | 2799 | 2805 | rBV4  | 960    | 1262   | 0.07%  | 0.018% |
| 72 | 10.483 | 2851 | 2859 | 2873 | rBV3  | 3923   | 5792   | 0.31%  | 0.081% |
| 73 | 10.749 | 2930 | 2942 | 2959 | rBV   | 226477 | 369793 | 19.91% | 5.146% |
| 74 | 10.814 | 2959 | 2962 | 2974 | rVB4  | 2901   | 4038   | 0.22%  | 0.056% |
| 75 | 10.891 | 2983 | 2986 | 2989 | rVB   | 391    | 270    | 0.01%  | 0.004% |
| 76 | 11.090 | 3040 | 3048 | 3058 | rBV2  | 2768   | 4179   | 0.22%  | 0.058% |

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 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A4CW0ME

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\SFAMULM052924WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 11.257 | 3097 | 3100 | 3103 | rBV2 | 235    | 179    | 0.01%  | 0.002% |
| 78  | 11.470 | 3158 | 3166 | 3173 | rBV2 | 4017   | 5327   | 0.29%  | 0.074% |
| 79  | 11.531 | 3180 | 3185 | 3189 | rBV2 | 227    | 266    | 0.01%  | 0.004% |
| 80  | 11.743 | 3243 | 3251 | 3260 | rBV2 | 9312   | 13784  | 0.74%  | 0.192% |
| 81  | 11.807 | 3260 | 3271 | 3296 | rVV  | 298684 | 502974 | 27.08% | 6.999% |
| 82  | 11.897 | 3296 | 3299 | 3307 | rVB4 | 632    | 636    | 0.03%  | 0.009% |
| 83  | 11.994 | 3326 | 3329 | 3332 | rVB2 | 340    | 189    | 0.01%  | 0.003% |
| 84  | 12.187 | 3376 | 3389 | 3412 | rBV  | 251647 | 435428 | 23.44% | 6.059% |
| 85  | 12.483 | 3477 | 3481 | 3484 | rBV2 | 223    | 176    | 0.01%  | 0.002% |
| 86  | 12.563 | 3503 | 3506 | 3509 | rBV  | 220    | 186    | 0.01%  | 0.003% |
| 87  | 12.994 | 3632 | 3640 | 3653 | rVB5 | 3127   | 5330   | 0.29%  | 0.074% |
| 88  | 13.219 | 3701 | 3710 | 3729 | rVB2 | 12631  | 20637  | 1.11%  | 0.287% |
| 89  | 13.341 | 3743 | 3748 | 3751 | rBV  | 264    | 313    | 0.02%  | 0.004% |
| 90  | 13.839 | 3894 | 3903 | 3920 | rVB2 | 21468  | 33917  | 1.83%  | 0.472% |
| 91  | 13.987 | 3946 | 3949 | 3952 | rBV2 | 336    | 226    | 0.01%  | 0.003% |
| 92  | 14.087 | 3967 | 3980 | 4001 | rBV  | 46085  | 82470  | 4.44%  | 1.148% |
| 93  | 14.325 | 4045 | 4054 | 4069 | rBV2 | 25046  | 42815  | 2.31%  | 0.596% |
| 94  | 14.724 | 4176 | 4178 | 4181 | rBV  | 323    | 221    | 0.01%  | 0.003% |
| 95  | 14.839 | 4211 | 4214 | 4217 | rBV3 | 385    | 284    | 0.02%  | 0.004% |
| 96  | 14.965 | 4250 | 4253 | 4256 | rBV3 | 451    | 387    | 0.02%  | 0.005% |
| 97  | 15.142 | 4306 | 4308 | 4312 | rVB  | 476    | 293    | 0.02%  | 0.004% |
| 98  | 15.531 | 4426 | 4429 | 4430 | rBV2 | 406    | 210    | 0.01%  | 0.003% |
| 99  | 16.338 | 4678 | 4680 | 4682 | rBV  | 587    | 305    | 0.02%  | 0.004% |
| 100 | 16.515 | 4733 | 4735 | 4738 | rBV3 | 751    | 589    | 0.03%  | 0.008% |

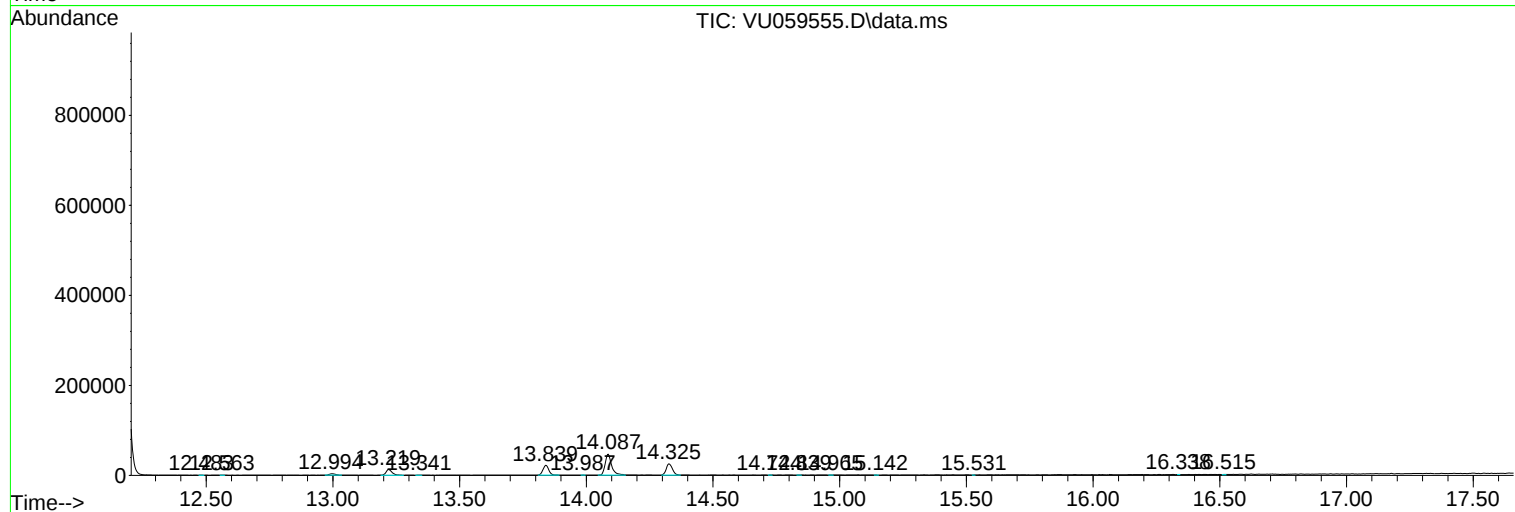
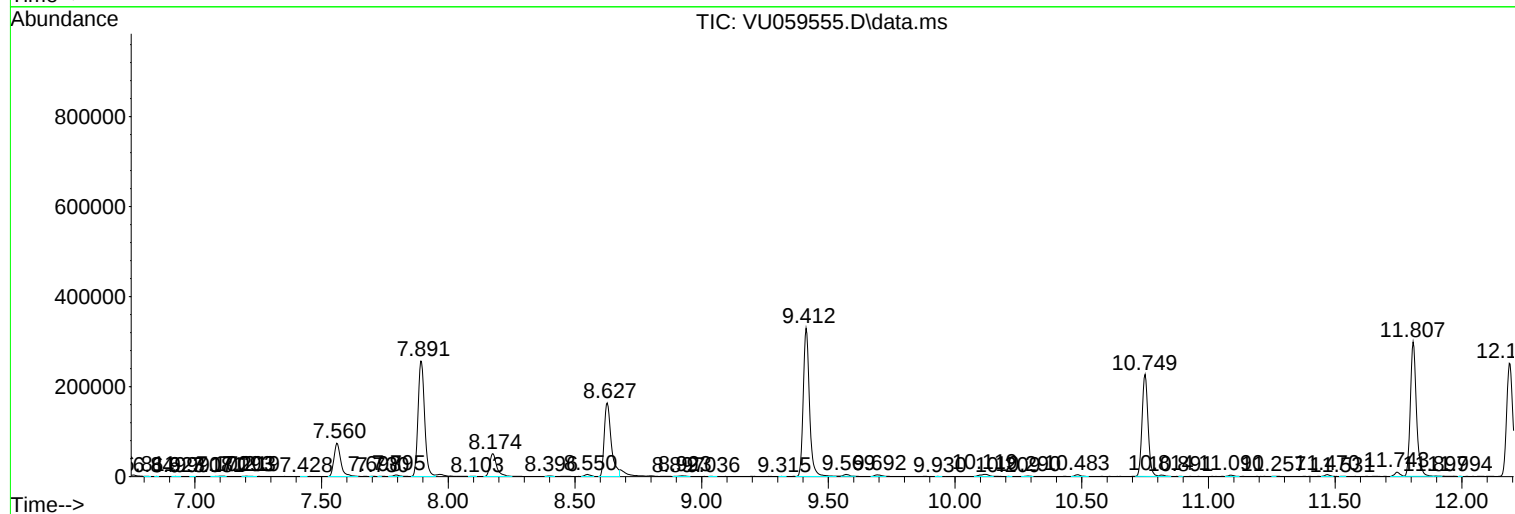
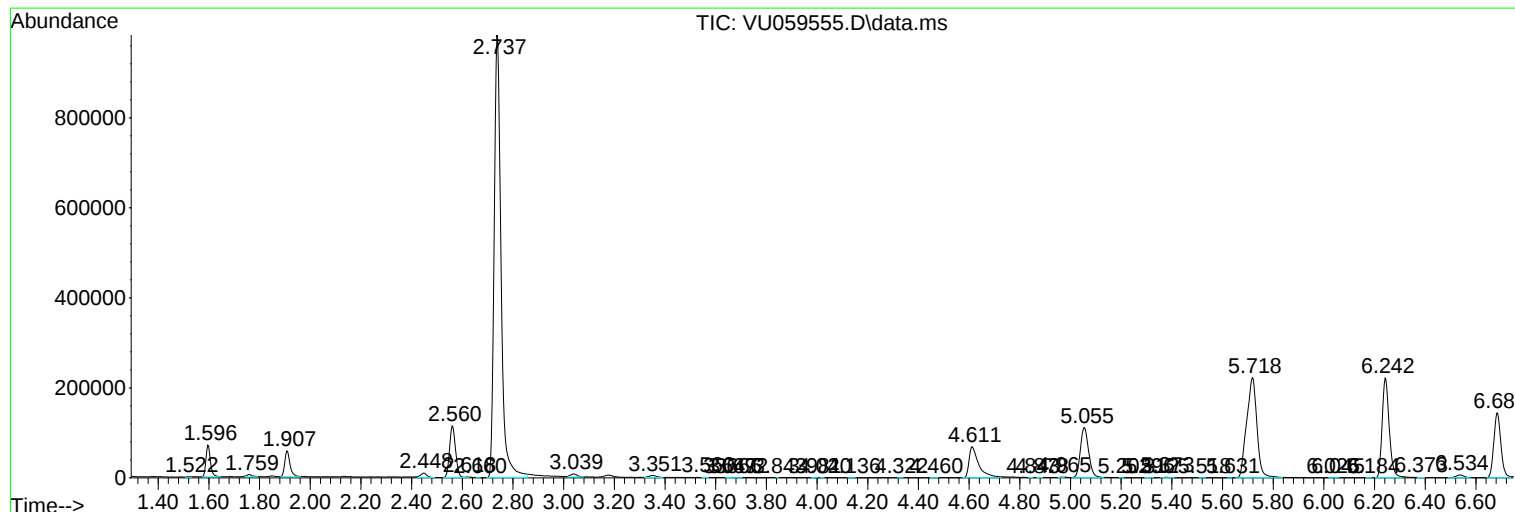
Sum of corrected areas: 7186444

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Instrument :  
MSVOA\_U  
ClientSampleId :  
A4CW0ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062724\  
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Instrument :  
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A4CW0ME

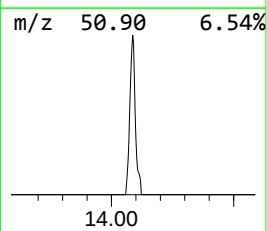
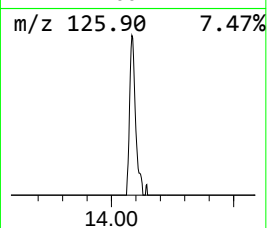
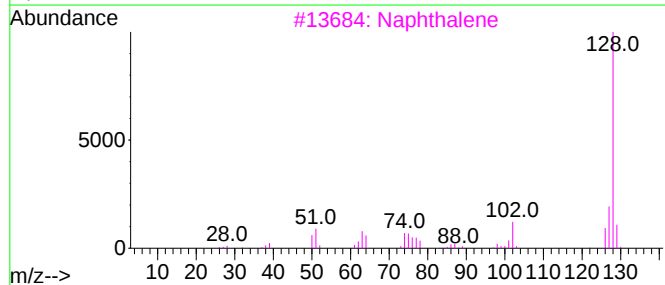
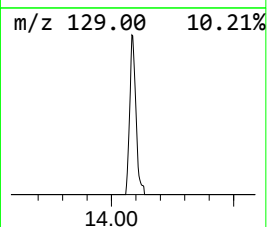
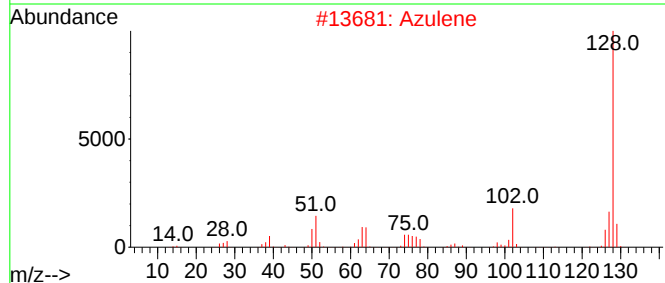
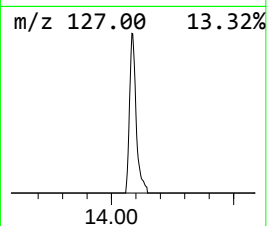
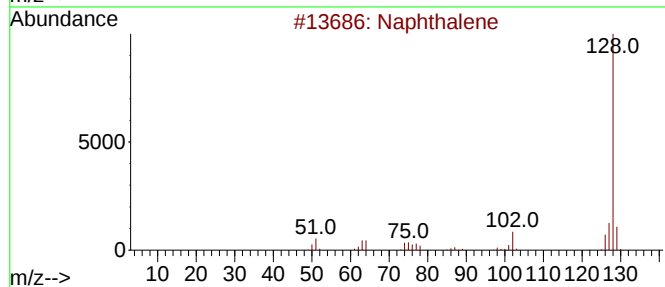
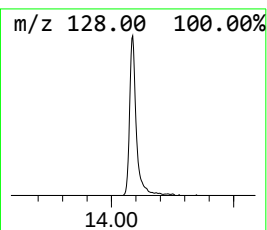
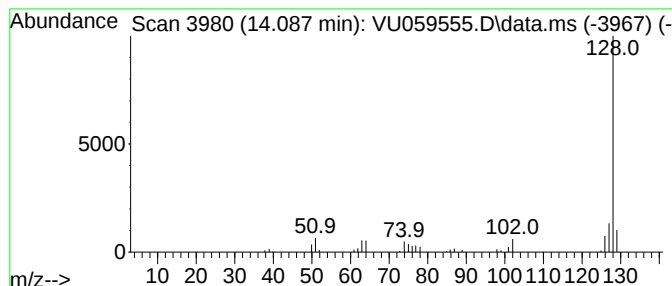
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
Quant Title : VOC Analysis

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 | 8.20 ug/L | 82470 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene             | 128 | C10H8   | 000091-20-3 | 95   |
| 2    |    |   | Azulene                 | 128 | C10H8   | 000275-51-4 | 91   |
| 3    |    |   | Naphthalene             | 128 | C10H8   | 000091-20-3 | 91   |
| 4    |    |   | 1H-Indene, 1-methylene- | 128 | C10H8   | 002471-84-3 | 91   |
| 5    |    |   | Azulene                 | 128 | C10H8   | 000275-51-4 | 90   |



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Quant Title : VOC Analysis

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

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| Azulene          | 14.087 | 8.2     | ug/L  | 82470    | 3                     | 11.807 | 502974 | 50.0 |