

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
 Data File : VU031373.D  
 Acq On : 19 Apr 2019 20:40  
 Operator : JC/SP  
 Sample : K2456-02  
 Misc : 5.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAHQ2

## 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\_U\METHOD\SOMULM041719WMA.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.180    | 23         | 28       | 41        | rVB   | 12087       | 14622      | 0.01%        | 0.005%     |
| 2      | 1.396    | 87         | 95       | 112       | rBV   | 180315      | 285109     | 0.22%        | 0.098%     |
| 3      | 1.679    | 176        | 183      | 197       | rBV   | 124233      | 238705     | 0.18%        | 0.082%     |
| 4      | 2.244    | 349        | 359      | 376       | rVB   | 447524      | 719221     | 0.56%        | 0.247%     |
| 5      | 2.444    | 419        | 421      | 426       | rVB4  | 2194        | 1227       | 0.00%        | 0.000%     |
| 6      | 2.515    | 439        | 443      | 458       | rVB8  | 4827        | 8183       | 0.01%        | 0.003%     |
| 7      | 2.836    | 540        | 543      | 545       | rBV2  | 1392        | 856        | 0.00%        | 0.000%     |
| 8      | 2.916    | 565        | 568      | 571       | rVV3  | 1152        | 722        | 0.00%        | 0.000%     |
| 9      | 2.939    | 571        | 575      | 577       | rVV3  | 1388        | 988        | 0.00%        | 0.000%     |
| 10     | 2.974    | 580        | 586      | 588       | rVV5  | 667         | 732        | 0.00%        | 0.000%     |
| 11     | 3.026    | 599        | 602      | 604       | rVB3  | 1135        | 675        | 0.00%        | 0.000%     |
| 12     | 3.151    | 638        | 641      | 643       | rBV2  | 1078        | 667        | 0.00%        | 0.000%     |
| 13     | 3.170    | 643        | 647      | 650       | rBV3  | 1021        | 721        | 0.00%        | 0.000%     |
| 14     | 3.277    | 673        | 680      | 682       | rBV7  | 1962        | 2346       | 0.00%        | 0.001%     |
| 15     | 3.756    | 824        | 829      | 834       | rBV4  | 1163        | 1046       | 0.00%        | 0.000%     |
| 16     | 3.929    | 878        | 883      | 885       | rBV3  | 694         | 681        | 0.00%        | 0.000%     |
| 17     | 4.209    | 956        | 970      | 1001      | rBV2  | 89981       | 434281     | 0.34%        | 0.149%     |
| 18     | 4.643    | 1087       | 1105     | 1136      | rBV   | 294820      | 790767     | 0.61%        | 0.271%     |
| 19     | 4.865    | 1170       | 1174     | 1176      | rBV4  | 841         | 723        | 0.00%        | 0.000%     |
| 20     | 5.064    | 1231       | 1236     | 1240      | rVB3  | 1150        | 1012       | 0.00%        | 0.000%     |
| 21     | 5.203    | 1277       | 1279     | 1283      | rVB3  | 1021        | 735        | 0.00%        | 0.000%     |
| 22     | 5.231    | 1283       | 1288     | 1292      | rBV4  | 583         | 663        | 0.00%        | 0.000%     |
| 23     | 5.328    | 1296       | 1318     | 1353      | rBV3  | 655974      | 1888303    | 1.46%        | 0.648%     |
| 24     | 5.569    | 1390       | 1393     | 1398      | rBV3  | 1166        | 1160       | 0.00%        | 0.000%     |
| 25     | 5.604    | 1398       | 1404     | 1405      | rBV2  | 1679        | 1442       | 0.00%        | 0.000%     |
| 26     | 5.881    | 1474       | 1490     | 1521      | rBV   | 612118      | 1396728    | 1.08%        | 0.479%     |
| 27     | 6.170    | 1571       | 1580     | 1581      | rBV6  | 3928        | 4699       | 0.00%        | 0.002%     |
| 28     | 6.260    | 1600       | 1608     | 1610      | rBV5  | 2519        | 3144       | 0.00%        | 0.001%     |
| 29     | 6.328    | 1615       | 1629     | 1657      | rVV   | 353017      | 810593     | 0.63%        | 0.278%     |
| 30     | 6.566    | 1699       | 1703     | 1705      | rBV3  | 1011        | 744        | 0.00%        | 0.000%     |
| 31     | 6.891    | 1801       | 1804     | 1807      | rBV3  | 1280        | 1054       | 0.00%        | 0.000%     |
| 32     | 7.026    | 1841       | 1846     | 1849      | rBV5  | 1629        | 1794       | 0.00%        | 0.001%     |
| 33     | 7.084    | 1862       | 1864     | 1870      | rVB4  | 1013        | 720        | 0.00%        | 0.000%     |
| 34     | 7.135    | 1877       | 1880     | 1883      | rVB3  | 932         | 639        | 0.00%        | 0.000%     |

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 GAHQ2

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
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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\_U\METHOD\SOMULM041719WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |       |        |
|----|--------|------|------|------|------|---------|---------|-------|--------|
| 35 | 7.164  | 1883 | 1889 | 1893 | rBV3 | 1041    | 1246    | 0.00% | 0.000% |
| 36 | 7.228  | 1897 | 1909 | 1938 | rBV2 | 192957  | 433393  | 0.34% | 0.149% |
| 37 | 7.456  | 1977 | 1980 | 1984 | rBV3 | 1252    | 996     | 0.00% | 0.000% |
| 38 | 7.563  | 1999 | 2013 | 2030 | rBV  | 786073  | 1513638 | 1.17% | 0.520% |
| 39 | 7.784  | 2080 | 2082 | 2085 | rVB2 | 1339    | 649     | 0.00% | 0.000% |
| 40 | 7.852  | 2089 | 2103 | 2127 | rBV2 | 125521  | 294299  | 0.23% | 0.101% |
| 41 | 8.029  | 2154 | 2158 | 2159 | rBV2 | 1194    | 730     | 0.00% | 0.000% |
| 42 | 8.167  | 2197 | 2201 | 2203 | rBV3 | 949     | 837     | 0.00% | 0.000% |
| 43 | 8.183  | 2203 | 2206 | 2211 | rVV5 | 1869    | 1668    | 0.00% | 0.001% |
| 44 | 8.219  | 2214 | 2217 | 2223 | rVV6 | 1503    | 1710    | 0.00% | 0.001% |
| 45 | 8.344  | 2237 | 2256 | 2281 | rBV2 | 499067  | 1394156 | 1.08% | 0.479% |
| 46 | 8.591  | 2331 | 2333 | 2336 | rBV3 | 1177    | 776     | 0.00% | 0.000% |
| 47 | 8.640  | 2344 | 2348 | 2351 | rVB4 | 1374    | 1079    | 0.00% | 0.000% |
| 48 | 8.849  | 2409 | 2413 | 2416 | rBV4 | 899     | 754     | 0.00% | 0.000% |
| 49 | 9.093  | 2470 | 2489 | 2516 | rBV  | 896077  | 1764198 | 1.37% | 0.606% |
| 50 | 9.257  | 2532 | 2540 | 2550 | rVB3 | 9142    | 15188   | 0.01% | 0.005% |
| 51 | 9.376  | 2564 | 2577 | 2593 | rBV2 | 64657   | 129543  | 0.10% | 0.044% |
| 52 | 9.508  | 2614 | 2618 | 2620 | rBV4 | 1025    | 866     | 0.00% | 0.000% |
| 53 | 9.556  | 2631 | 2633 | 2638 | rVV2 | 1332    | 795     | 0.00% | 0.000% |
| 54 | 9.649  | 2657 | 2662 | 2664 | rBV4 | 836     | 720     | 0.00% | 0.000% |
| 55 | 9.788  | 2690 | 2705 | 2734 | rBV4 | 65996   | 176894  | 0.14% | 0.061% |
| 56 | 9.890  | 2734 | 2737 | 2741 | rVB5 | 896     | 802     | 0.00% | 0.000% |
| 57 | 9.929  | 2745 | 2749 | 2751 | rBV3 | 810     | 658     | 0.00% | 0.000% |
| 58 | 10.042 | 2782 | 2784 | 2787 | rBV3 | 1223    | 650     | 0.00% | 0.000% |
| 59 | 10.173 | 2820 | 2825 | 2828 | rBV5 | 1114    | 996     | 0.00% | 0.000% |
| 60 | 10.215 | 2836 | 2838 | 2840 | rBV2 | 948     | 686     | 0.00% | 0.000% |
| 61 | 10.241 | 2844 | 2846 | 2850 | rBV2 | 1006    | 846     | 0.00% | 0.000% |
| 62 | 10.299 | 2857 | 2864 | 2867 | rBV6 | 2247    | 2811    | 0.00% | 0.001% |
| 63 | 10.437 | 2893 | 2907 | 2925 | rBV  | 581842  | 992648  | 0.77% | 0.341% |
| 64 | 10.569 | 2944 | 2948 | 2949 | rBV3 | 1555    | 1038    | 0.00% | 0.000% |
| 65 | 10.591 | 2949 | 2955 | 2965 | rVV  | 10219   | 15167   | 0.01% | 0.005% |
| 66 | 10.681 | 2972 | 2983 | 3000 | rBV  | 245416  | 549110  | 0.43% | 0.188% |
| 67 | 10.771 | 3000 | 3011 | 3030 | rVB  | 917779  | 1468306 | 1.14% | 0.504% |
| 68 | 10.971 | 3063 | 3073 | 3094 | rVB  | 282142  | 502871  | 0.39% | 0.173% |
| 69 | 11.148 | 3117 | 3128 | 3140 | rBV  | 2351855 | 3549957 | 2.75% | 1.218% |
| 70 | 11.218 | 3140 | 3150 | 3158 | rVV  | 1065256 | 1621730 | 1.26% | 0.557% |
| 71 | 11.267 | 3159 | 3165 | 3176 | rVB  | 326445  | 489360  | 0.38% | 0.168% |

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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAHQ2

## Integration Parameters: LSCINT.P

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 Sampling : 1  
 Start Thrs: 0.2  
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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\_U\METHOD\SOMULM041719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |          |           |         |         |
|-----|--------|------|------|------|------|----------|-----------|---------|---------|
| 72  | 11.485 | 3223 | 3233 | 3241 | rBV  | 1143384  | 1788592   | 1.38%   | 0.614%  |
| 73  | 11.569 | 3252 | 3259 | 3270 | rVB  | 1828301  | 2739978   | 2.12%   | 0.940%  |
| 74  | 11.768 | 3311 | 3321 | 3328 | rBV3 | 701517   | 1374988   | 1.06%   | 0.472%  |
| 75  | 11.868 | 3341 | 3352 | 3365 | rBV2 | 1933362  | 3808598   | 2.95%   | 1.307%  |
| 76  | 11.980 | 3379 | 3387 | 3394 | rBV  | 1171321  | 1819021   | 1.41%   | 0.624%  |
| 77  | 12.148 | 3432 | 3439 | 3442 | rBV  | 513338   | 700716    | 0.54%   | 0.241%  |
| 78  | 12.427 | 3519 | 3526 | 3537 | rVB  | 2579369  | 4025043   | 3.12%   | 1.382%  |
| 79  | 12.646 | 3588 | 3594 | 3602 | rVB  | 2041598  | 2893994   | 2.24%   | 0.993%  |
| 80  | 12.704 | 3603 | 3612 | 3627 | rBV2 | 4127073  | 8636028   | 6.68%   | 2.964%  |
| 81  | 12.823 | 3643 | 3649 | 3662 | rVB4 | 1886853  | 3069426   | 2.38%   | 1.054%  |
| 82  | 12.961 | 3687 | 3692 | 3706 | rVB2 | 1486534  | 2131927   | 1.65%   | 0.732%  |
| 83  | 13.122 | 3734 | 3742 | 3754 | rVB3 | 9174250  | 14945849  | 11.57%  | 5.130%  |
| 84  | 13.292 | 3786 | 3795 | 3815 | rVB2 | 8557974  | 15549806  | 12.04%  | 5.337%  |
| 85  | 13.871 | 3967 | 3975 | 3987 | rVB  | 6350453  | 10522903  | 8.15%   | 3.612%  |
| 86  | 14.141 | 4052 | 4059 | 4067 | rBV2 | 4018481  | 5662562   | 4.38%   | 1.944%  |
| 87  | 14.884 | 4277 | 4290 | 4315 | rVB2 | 72111017 | 129194186 | 100.00% | 44.344% |
| 88  | 15.064 | 4334 | 4346 | 4369 | rVB  | 28888387 | 46507994  | 36.00%  | 15.963% |
| 89  | 15.604 | 4506 | 4514 | 4524 | rVB  | 677879   | 1004683   | 0.78%   | 0.345%  |
| 90  | 15.797 | 4566 | 4574 | 4581 | rBV  | 461981   | 676830    | 0.52%   | 0.232%  |
| 91  | 15.910 | 4598 | 4609 | 4623 | rBV  | 2393182  | 4056505   | 3.14%   | 1.392%  |
| 92  | 16.054 | 4644 | 4654 | 4661 | rBV  | 1849932  | 2871819   | 2.22%   | 0.986%  |
| 93  | 16.093 | 4662 | 4666 | 4683 | rVB  | 938433   | 1339278   | 1.04%   | 0.460%  |
| 94  | 16.186 | 4687 | 4695 | 4707 | rVB  | 277474   | 440195    | 0.34%   | 0.151%  |
| 95  | 16.279 | 4709 | 4724 | 4748 | rVB  | 536337   | 1280634   | 0.99%   | 0.440%  |
| 96  | 16.427 | 4762 | 4770 | 4781 | rBV  | 248366   | 389809    | 0.30%   | 0.134%  |
| 97  | 16.524 | 4790 | 4800 | 4817 | rVB3 | 774900   | 1450347   | 1.12%   | 0.498%  |
| 98  | 16.630 | 4827 | 4833 | 4844 | rVB4 | 214268   | 334395    | 0.26%   | 0.115%  |
| 99  | 17.163 | 4992 | 4999 | 5009 | rBV4 | 180077   | 292349    | 0.23%   | 0.100%  |
| 100 | 17.225 | 5012 | 5018 | 5030 | rVB  | 189256   | 291796    | 0.23%   | 0.100%  |

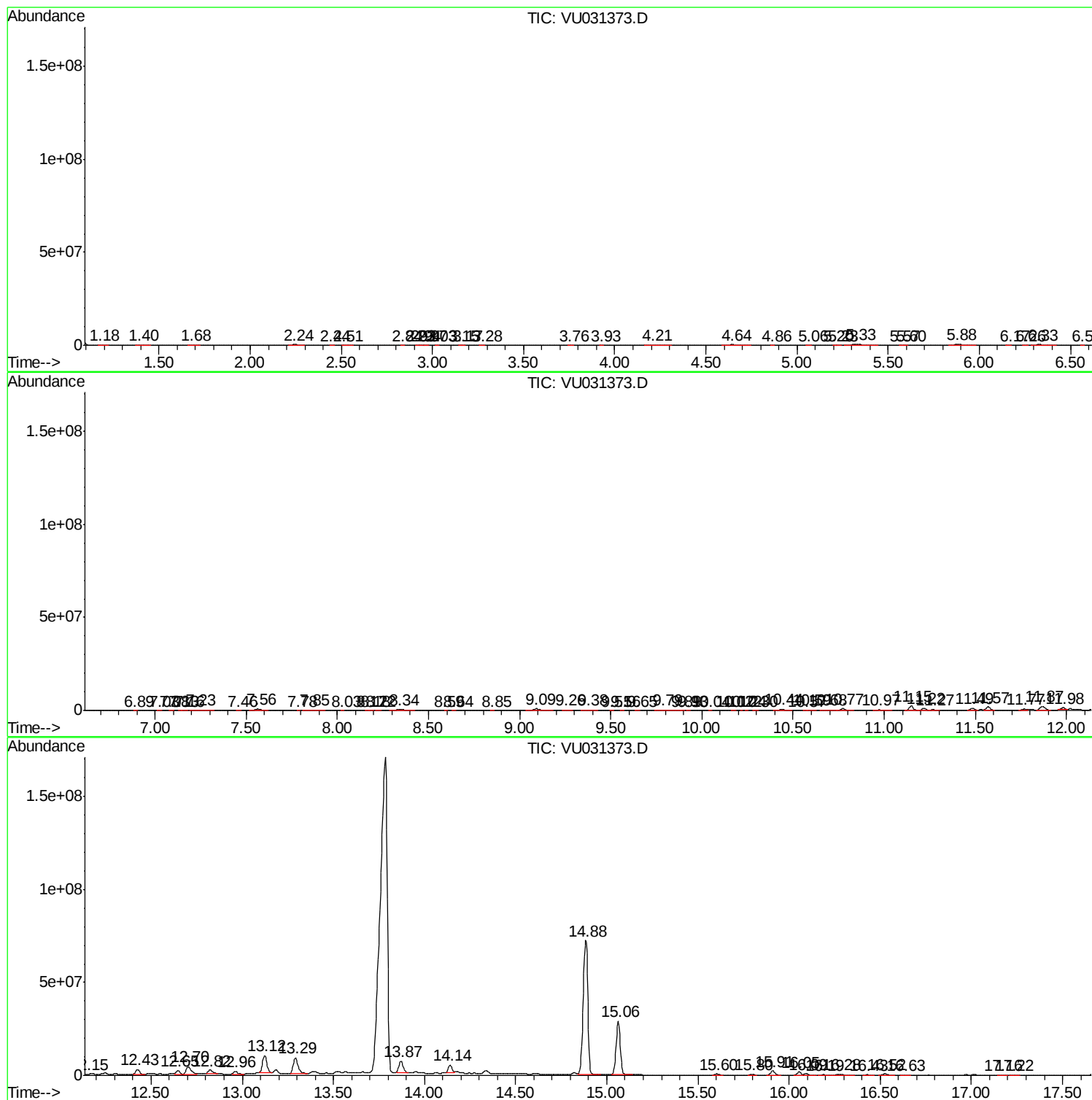
Sum of corrected areas: 291347724

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Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
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Instrument :  
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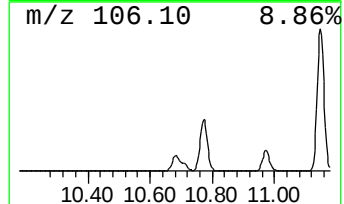
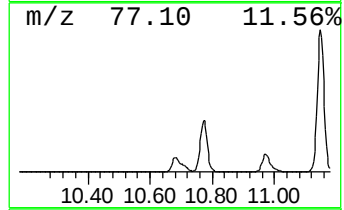
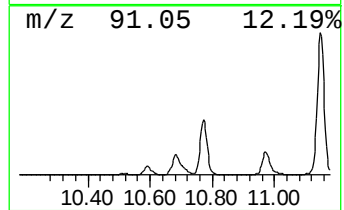
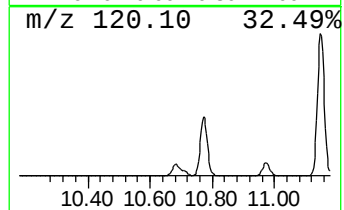
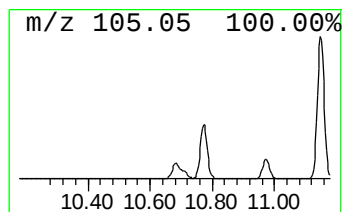
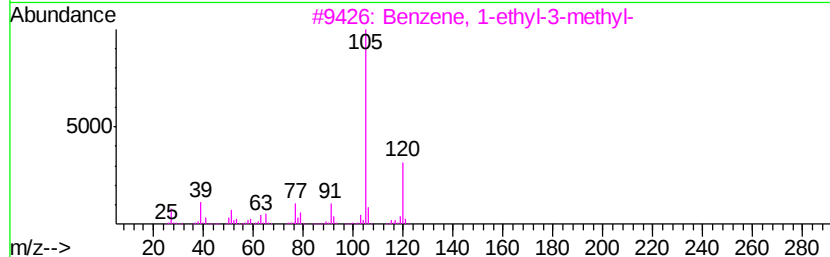
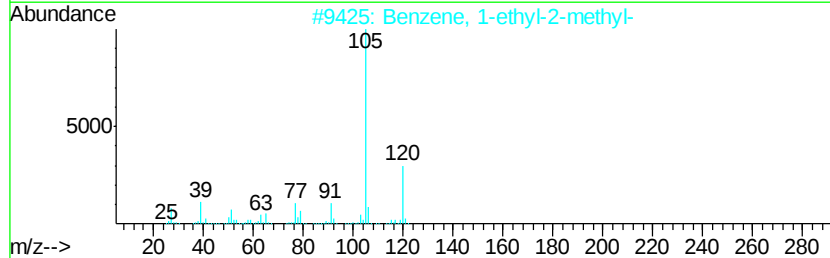
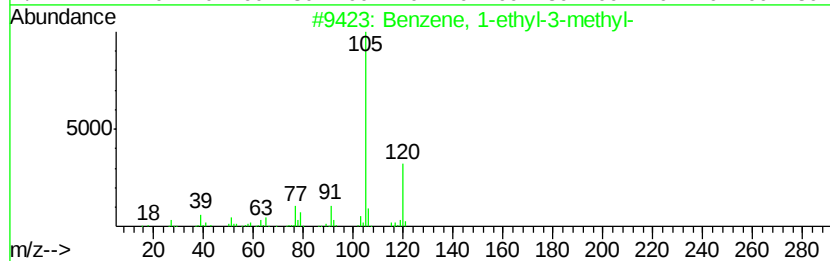
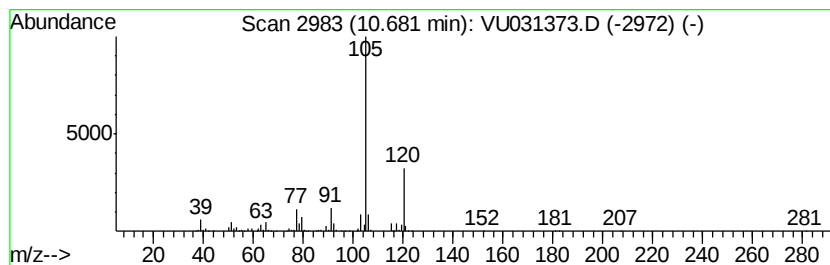
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 27

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 10.68 | 15.35 ug/L | 549110 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 97   |
| 2    |    | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 3    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 4    |    | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 5    |    | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |



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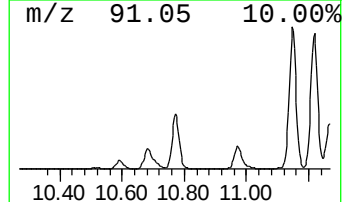
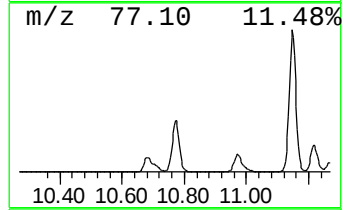
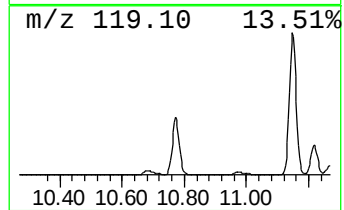
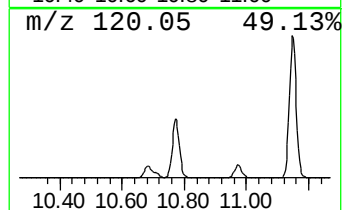
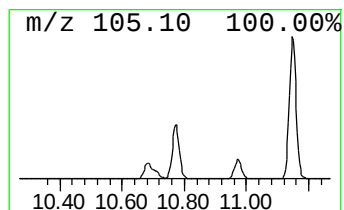
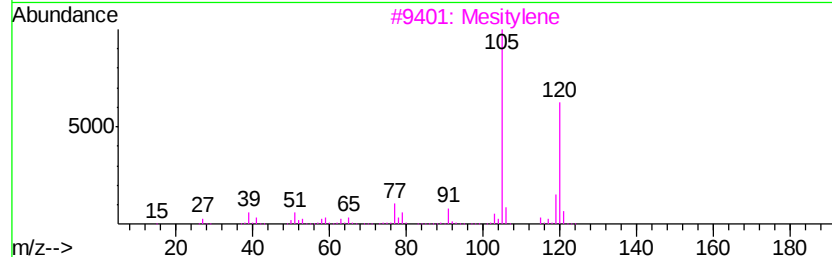
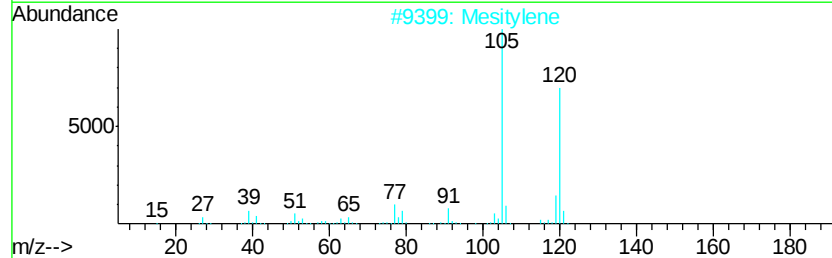
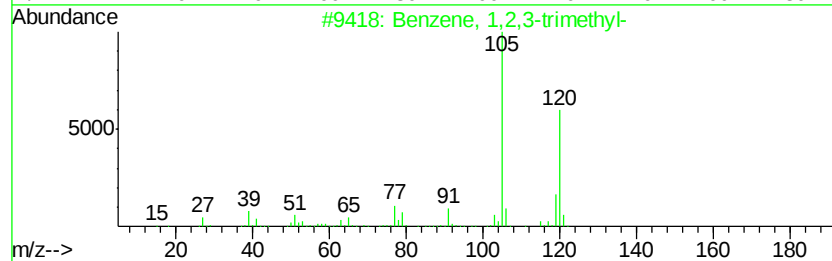
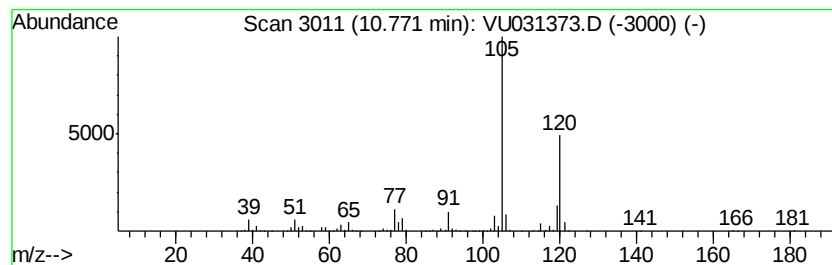
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 18

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 10.77 | 41.05 ug/L | 1468310 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 97   |
| 2    |    | Mesitylene                | 120 | C9H12   | 000108-67-8 | 97   |
| 3    |    | Mesitylene                | 120 | C9H12   | 000108-67-8 | 94   |
| 4    |    | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 5    |    | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

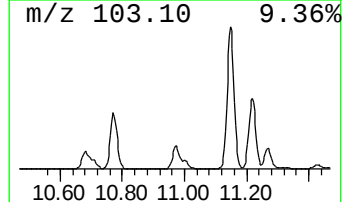
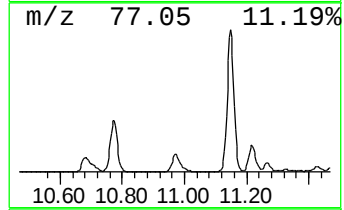
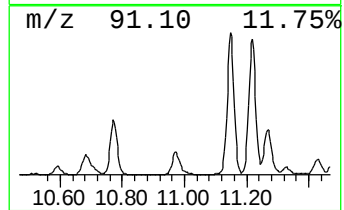
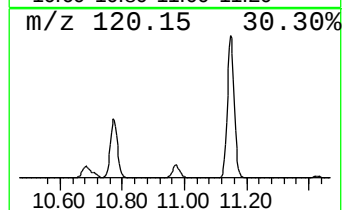
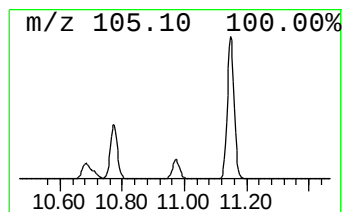
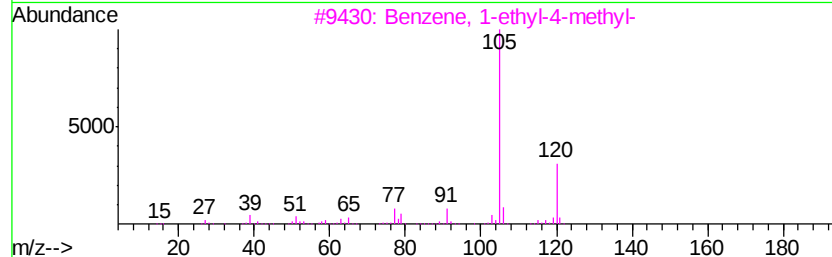
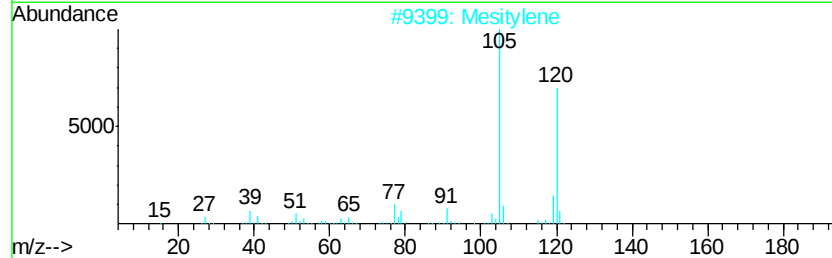
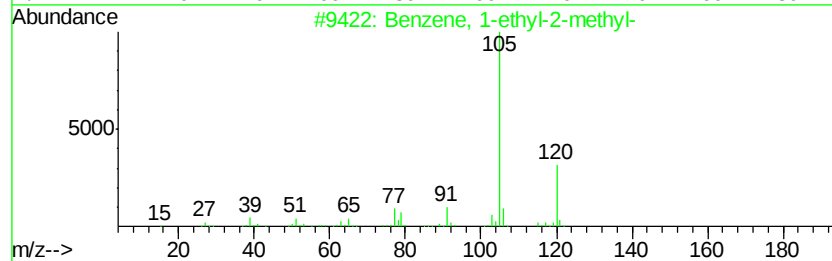
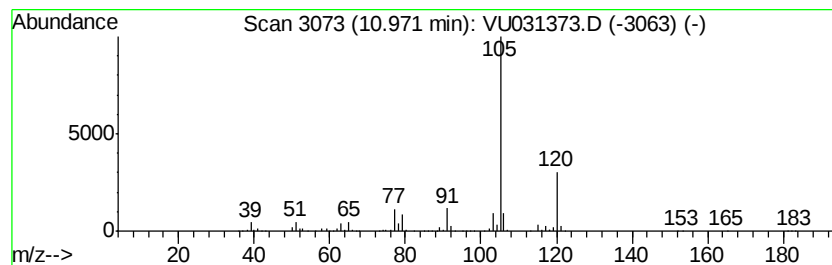
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 10.97 | 14.06 ug/L | 502871 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 3    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 5    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µL/5mL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

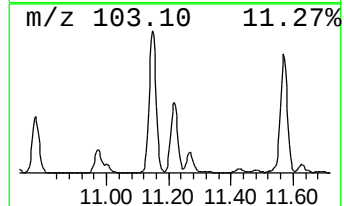
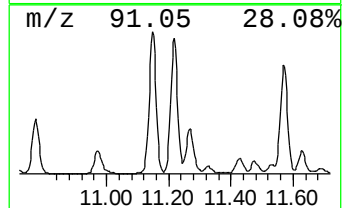
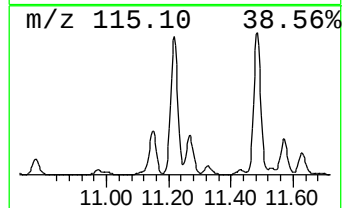
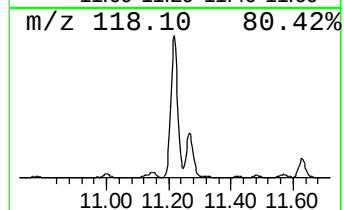
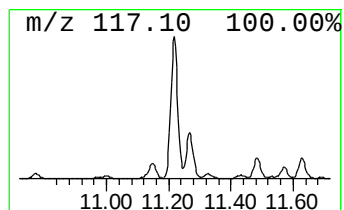
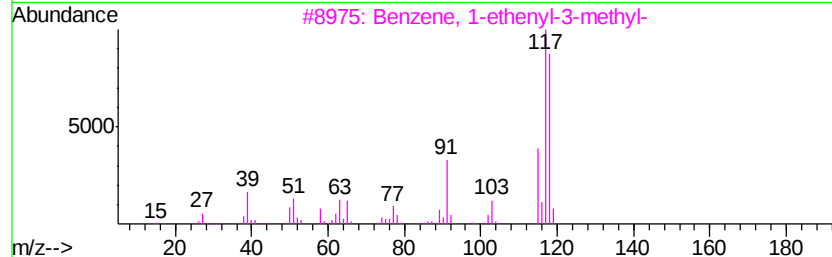
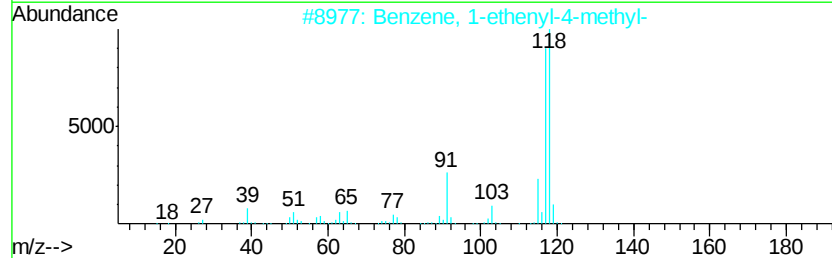
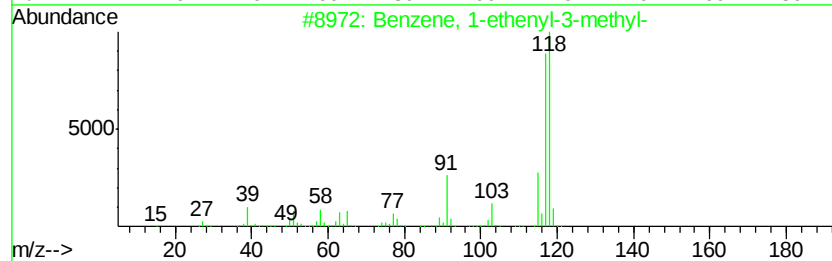
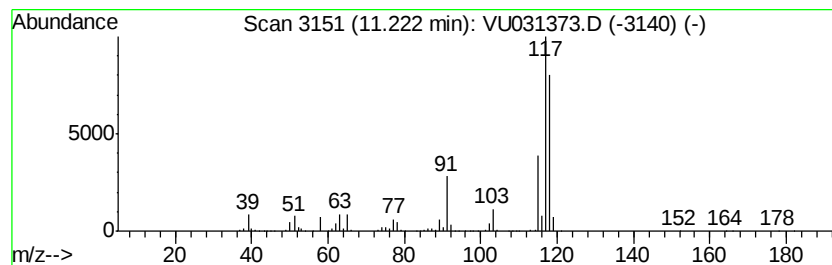
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 17

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 11.22 | 45.34 ug/L | 1621730 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10   | 000100-80-1 | 96   |
| 2    |    | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10   | 000622-97-9 | 95   |
| 3    |    | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10   | 000100-80-1 | 94   |
| 4    |    | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 94   |
| 5    |    | Benzene, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µ/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

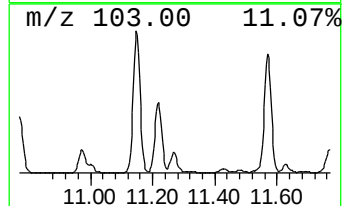
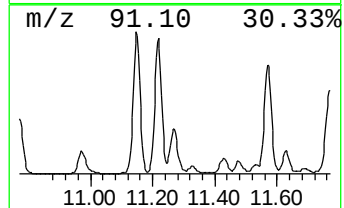
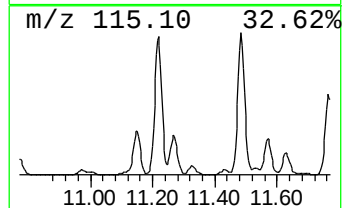
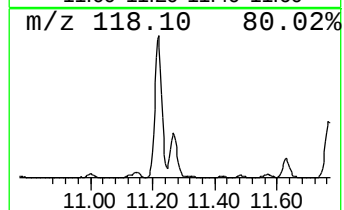
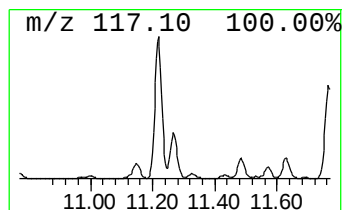
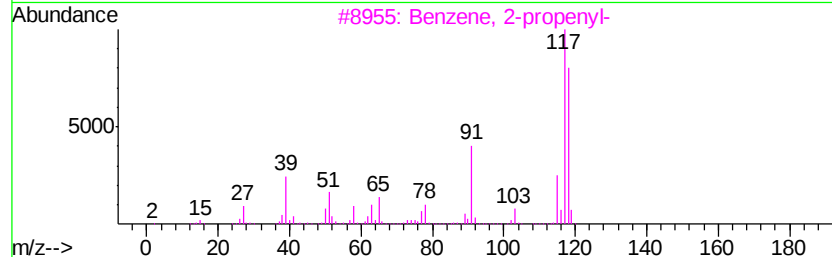
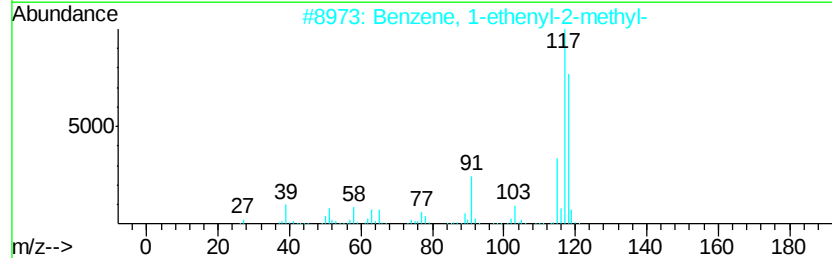
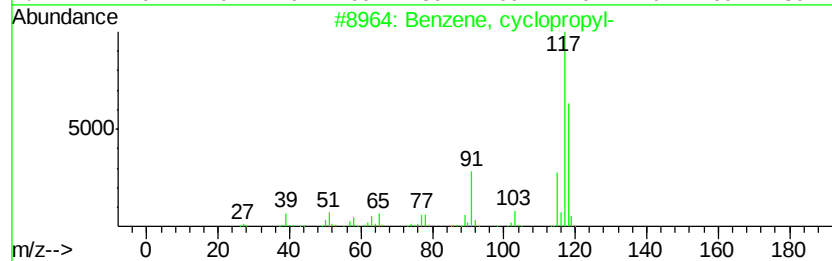
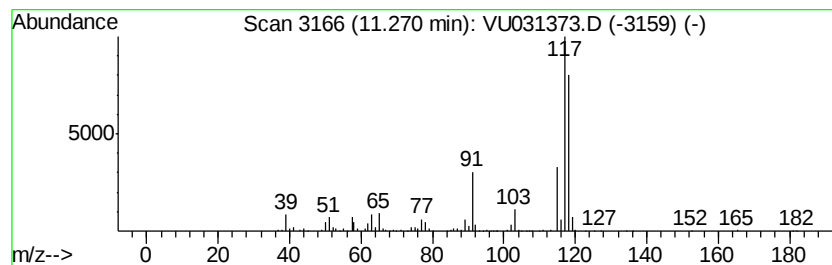
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Benzene, cyclopropyl- Concentration Rank 29

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 11.27 | 13.68 ug/L | 489360 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Benzene, cvclopropyl-               | 118 | C9H10   | 000873-49-4  | 94   |
| 2    |    | Benzene, 1-ethenyl-2-methyl-        | 118 | C9H10   | 000611-15-4  | 93   |
| 3    |    | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2  | 90   |
| 4    |    | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 87   |
| 5    |    | Benzene, 1-ethenyl-4-methyl-        | 118 | C9H10   | 000622-97-9  | 87   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

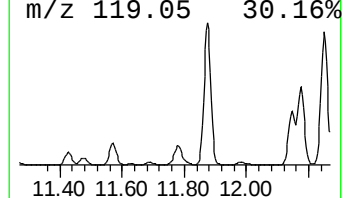
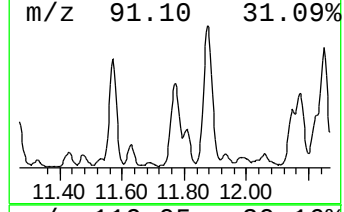
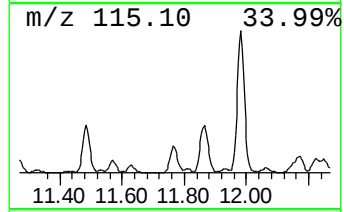
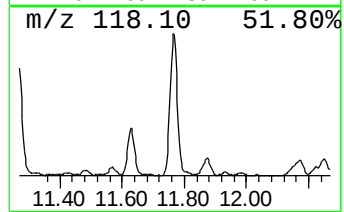
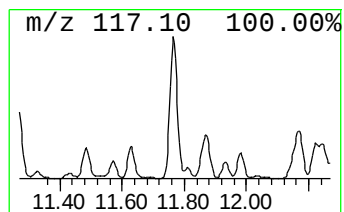
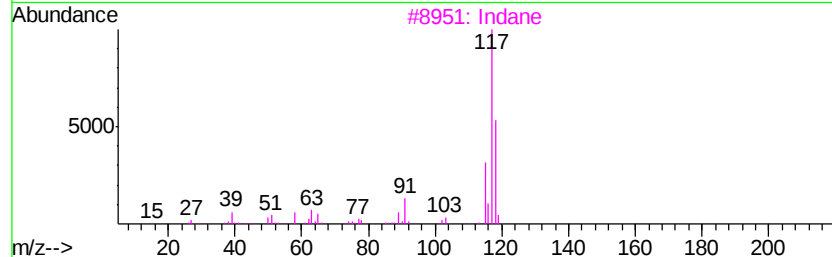
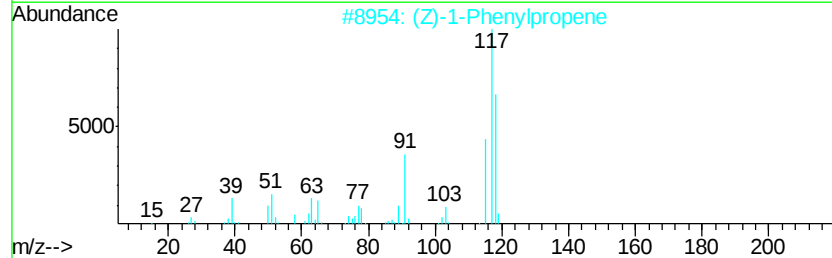
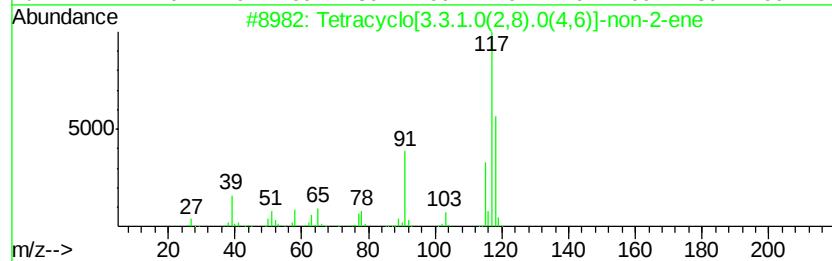
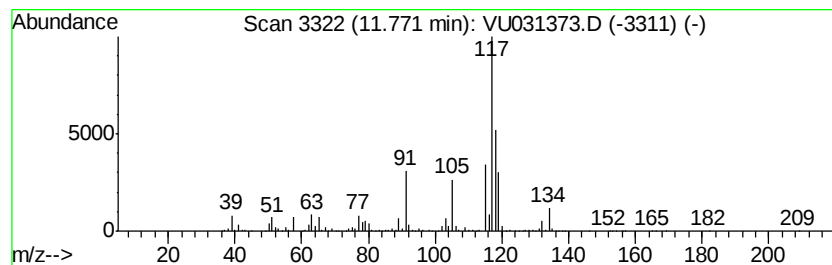
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 20

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 11.77 | 38.44 ug/L | 1374990 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|---------|---|----------------------------------|-----|---------|--------------|------|
| 1       |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]- | 118 | C9H10   | 1000191-13-7 | 70   |
| 2       |   | (Z)-1-Phenylpropene              | 118 | C9H10   | 000766-90-5  | 62   |
| 3       |   | Indane                           | 118 | C9H10   | 000496-11-7  | 62   |
| 4       |   | Benzene, cyclopropyl-            | 118 | C9H10   | 000873-49-4  | 62   |
| 5       |   | Benzene, cyclopropyl-            | 118 | C9H10   | 000873-49-4  | 62   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampled :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

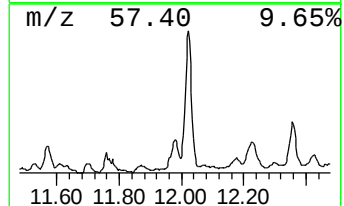
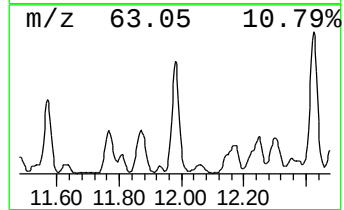
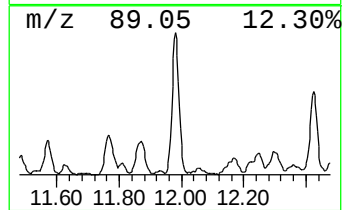
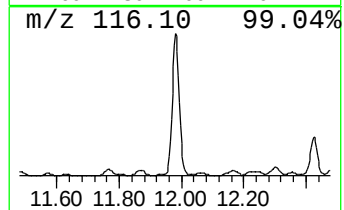
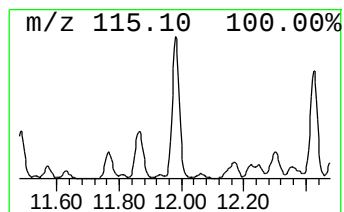
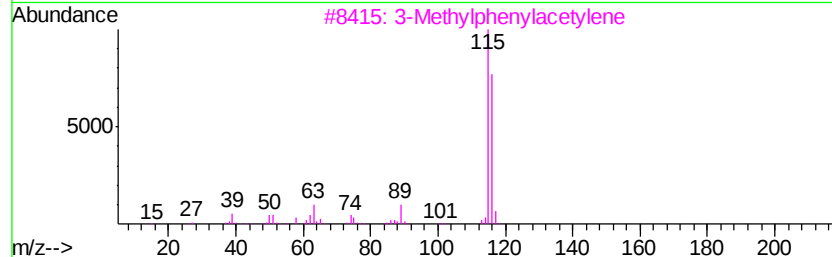
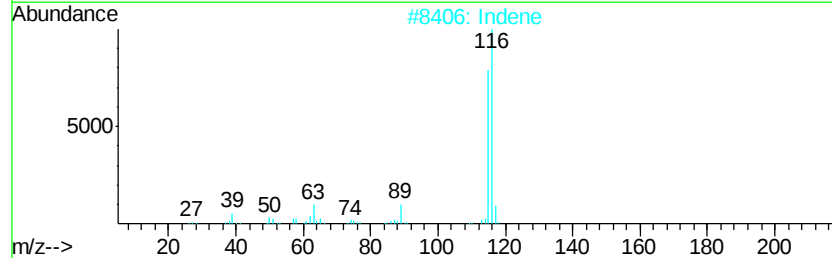
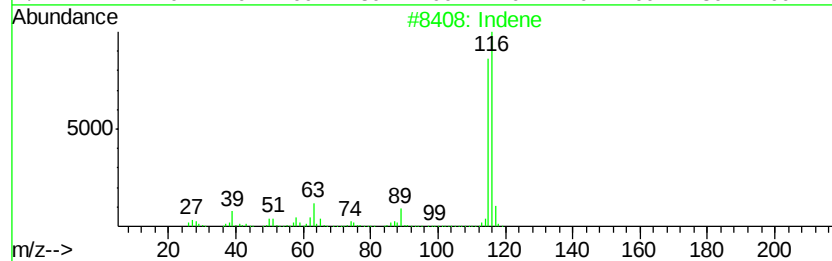
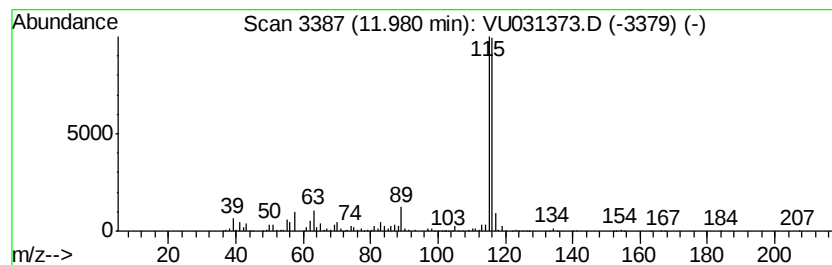
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Indene Concentration Rank 16

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 11.98 | 50.85 ug/L | 1819020 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Indene                       | 116 | C9H8    | 000095-13-6 | 95   |
| 2    |    | Indene                       | 116 | C9H8    | 000095-13-6 | 95   |
| 3    |    | 3-Methylphenylacetylene      | 116 | C9H8    | 000766-82-5 | 93   |
| 4    |    | Benzene, 1-propynyl-         | 116 | C9H8    | 000673-32-5 | 90   |
| 5    |    | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8    | 000766-97-2 | 90   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
 Data File : VU031373.D  
 Acq On : 19 Apr 2019 20:40  
 Operator : JC/SP  
 Sample : K2456-02  
 Misc : 5.08uL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
 Quant Title : VOC Analysis

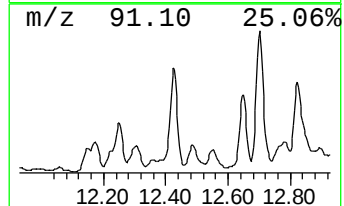
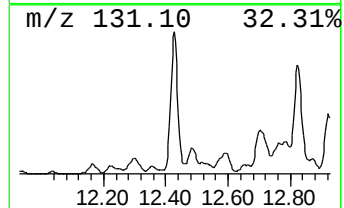
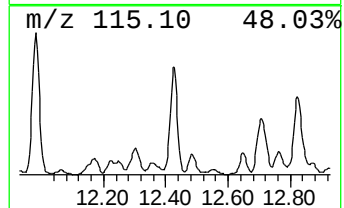
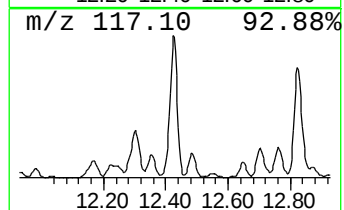
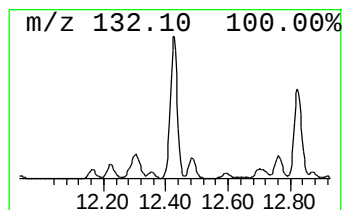
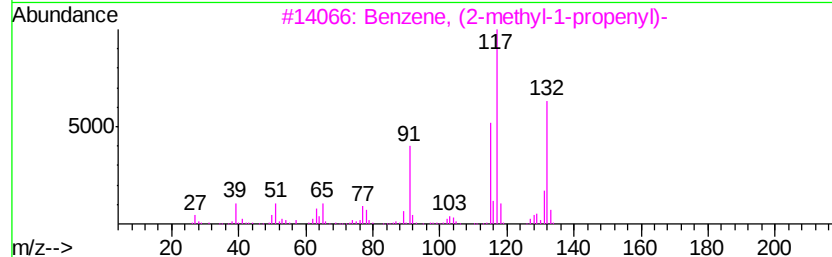
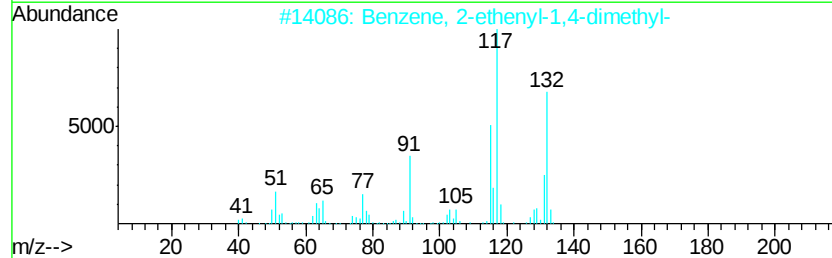
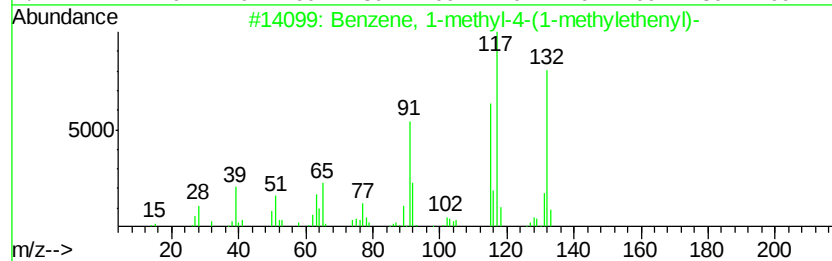
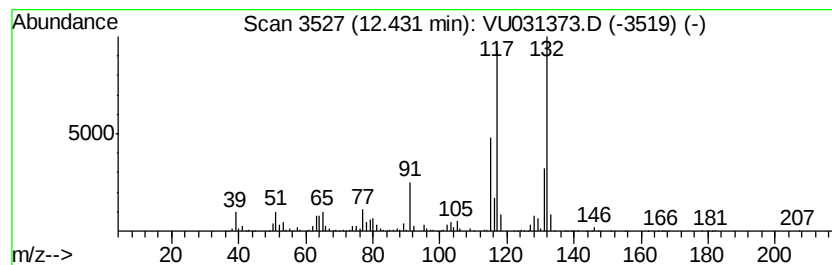
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 12.43 | 112.52 ug/L | 4025040 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-methyl-4-(1-methyleth... | 132 | C10H12  | 001195-32-0 | 94   |
| 2    |    | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 94   |
| 3    |    | Benzene, (2-methyl-1-propenyl)-     | 132 | C10H12  | 000768-49-0 | 93   |
| 4    |    | Benzene, 4-ethenyl-1,2-dimethyl-    | 132 | C10H12  | 027831-13-6 | 93   |
| 5    |    | 2,4-Dimethylstyrene                 | 132 | C10H12  | 002234-20-0 | 93   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

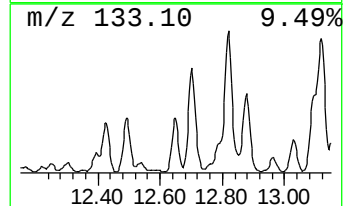
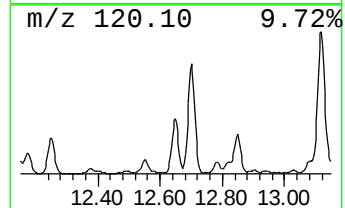
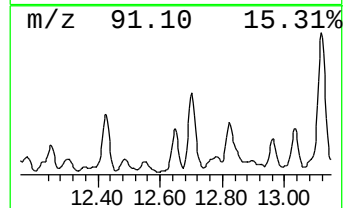
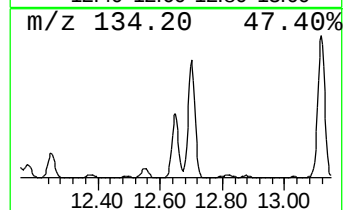
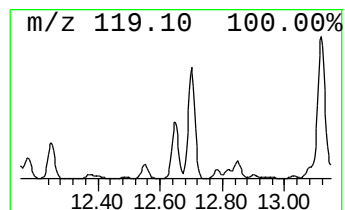
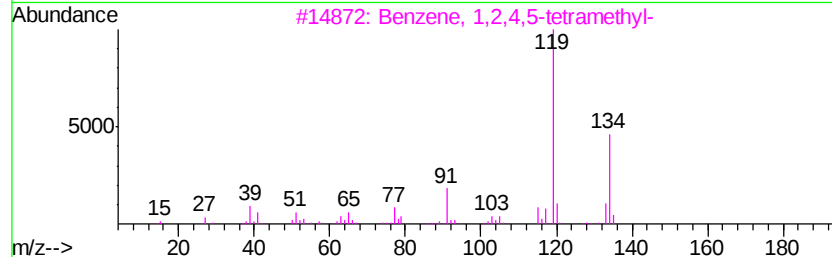
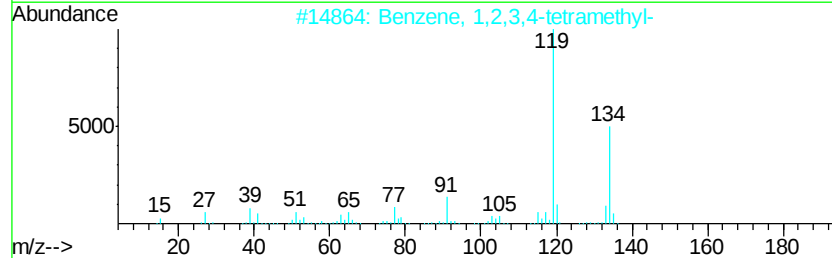
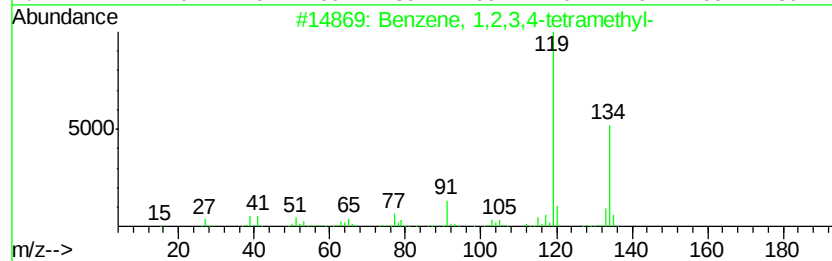
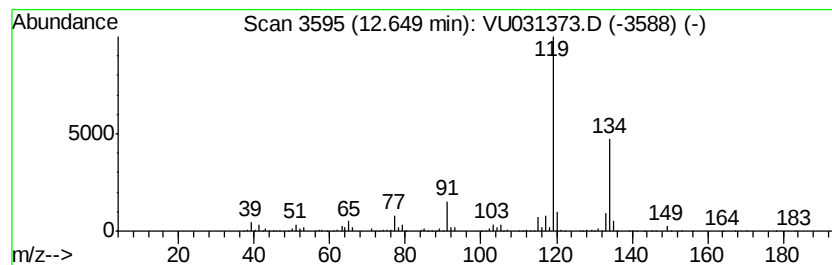
Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

| R.T.    | EstConc    | Area                          | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------|------------------------|----------------|
| 12.65   | 80.90 ug/L | 2893990                       | 1,4-Dichlorobenzene-d4 | 11.49          |
| Hit# of | 5          | Tentative ID                  | MW MolForm             | CAS# Qual      |
| 1       |            | Benzene, 1,2,3,4-tetramethyl- | 134 C10H14             | 000488-23-3 97 |
| 2       |            | Benzene, 1,2,3,4-tetramethyl- | 134 C10H14             | 000488-23-3 97 |
| 3       |            | Benzene, 1,2,4,5-tetramethyl- | 134 C10H14             | 000095-93-2 97 |
| 4       |            | Benzene, 1,2,3,5-tetramethyl- | 134 C10H14             | 000527-53-7 97 |
| 5       |            | Benzene, 1,2,4,5-tetramethyl- | 134 C10H14             | 000095-93-2 97 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

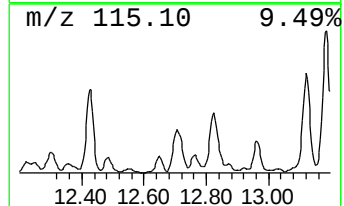
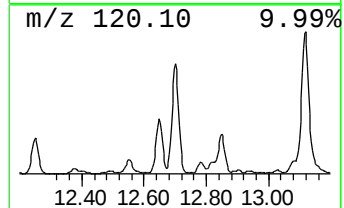
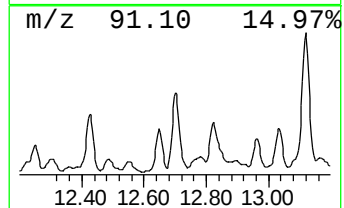
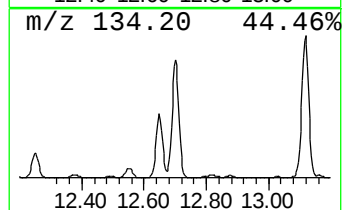
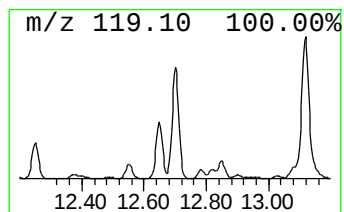
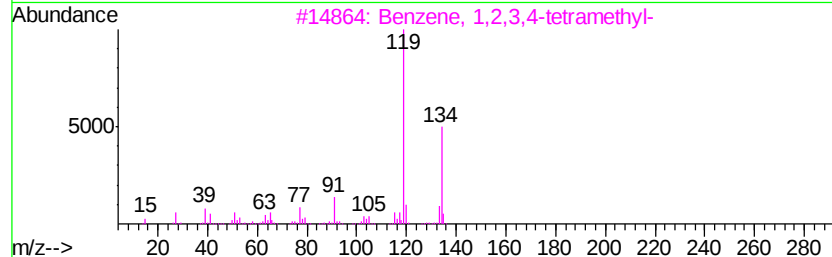
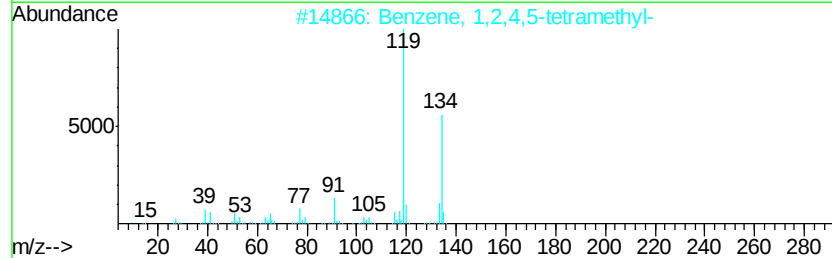
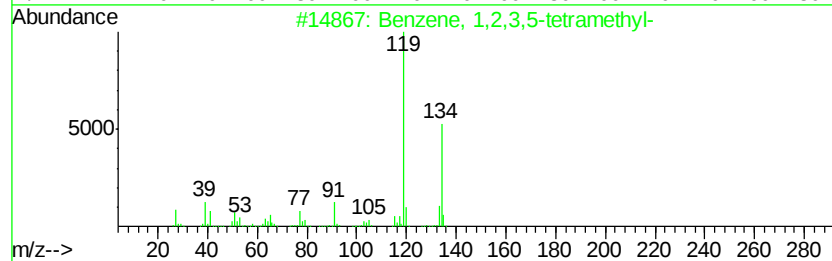
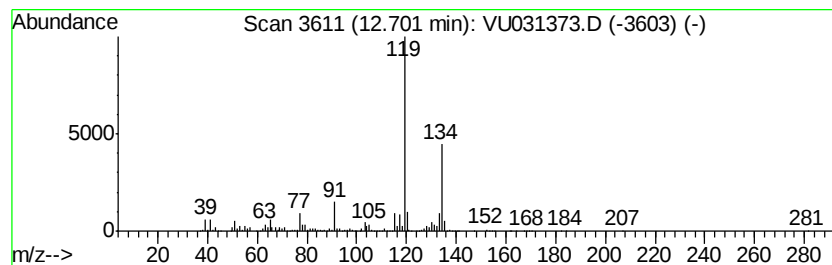
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 12.70 | 241.42 ug/L | 8636030 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 94   |
| 2    |    | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 94   |
| 3    |    | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 94   |
| 4    |    | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 93   |
| 5    |    | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 93   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µ/5mL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

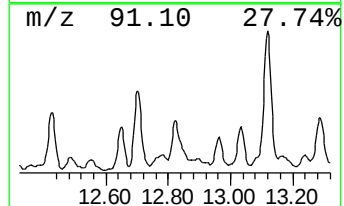
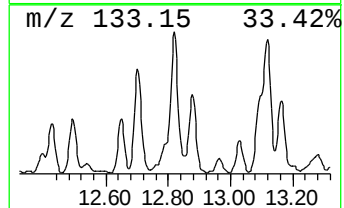
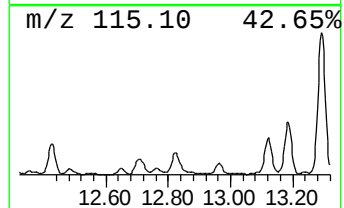
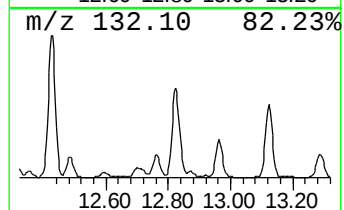
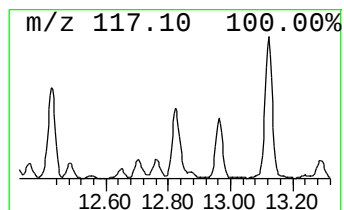
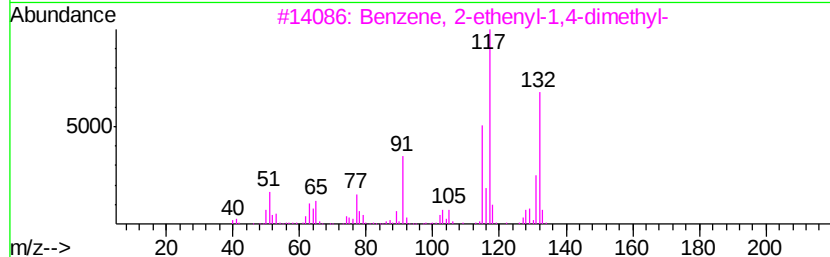
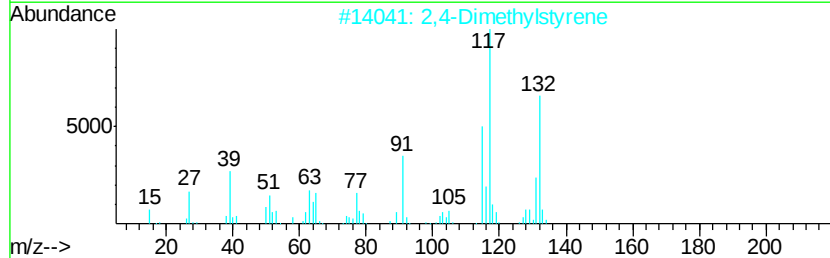
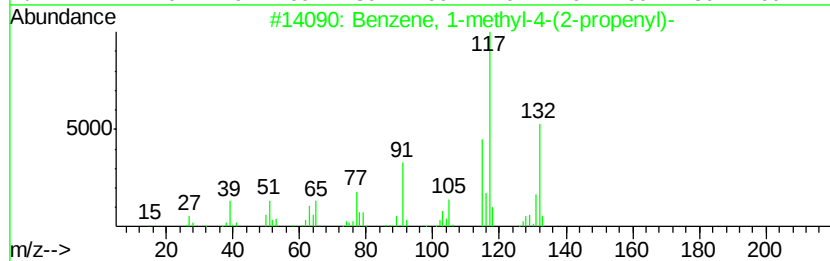
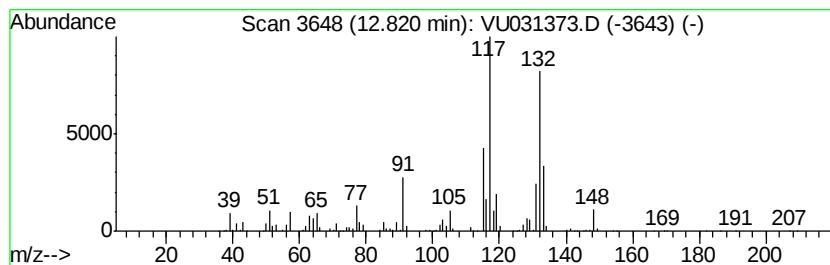
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Benzene, 1-methyl-4-(2-prop... Concentration Rank 11

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 12.82 | 85.81 ug/L | 3069430 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9 | 95   |
| 2    |    | 2,4-Dimethylstyrene               | 132 | C10H12  | 002234-20-0 | 95   |
| 3    |    | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 95   |
| 4    |    | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 95   |
| 5    |    | Benzene, 1-ethenyl-3,5-dimethyl-  | 132 | C10H12  | 005379-20-4 | 95   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

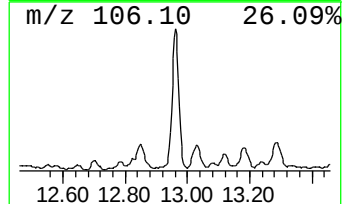
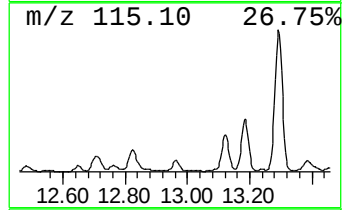
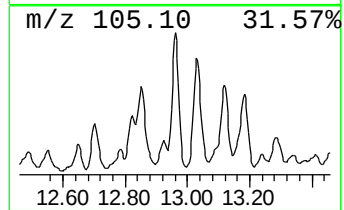
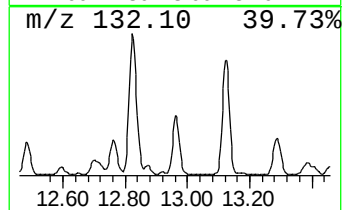
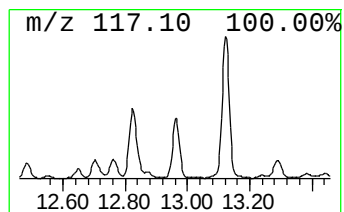
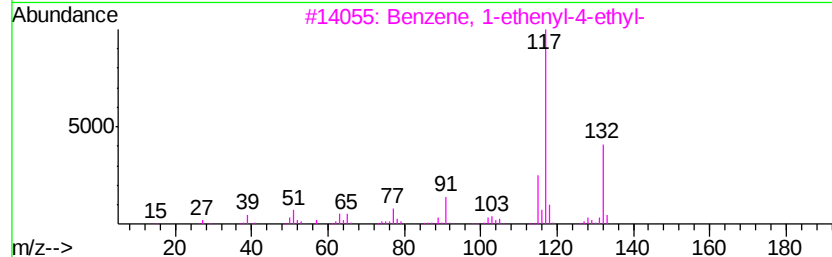
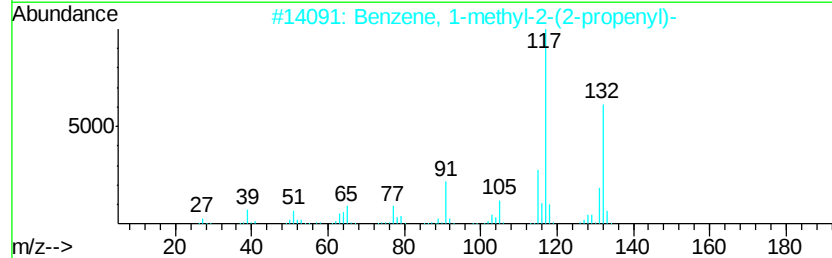
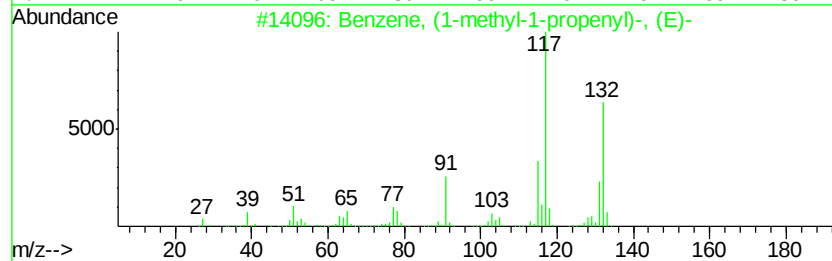
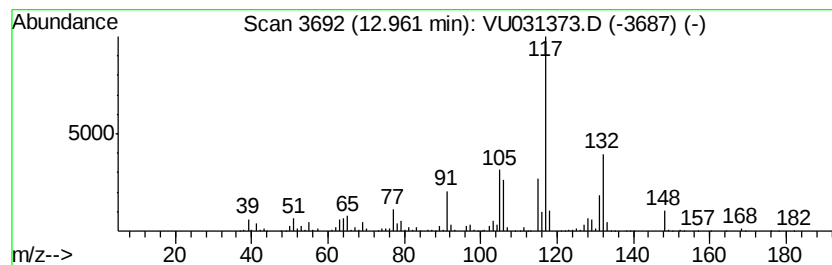
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Benzene, (1-methyl-1-propen... Concentration Rank 15

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 12.96 | 59.60 ug/L | 2131930 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 90   |
| 2    |    |   | Benzene, 1-methyl-2-(2-propenyl)-   | 132 | C10H12  | 001587-04-8 | 81   |
| 3    |    |   | Benzene, 1-ethenyl-4-ethyl-         | 132 | C10H12  | 003454-07-7 | 76   |
| 4    |    |   | Indan, 1-methyl-                    | 132 | C10H12  | 000767-58-8 | 76   |
| 5    |    |   | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 76   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

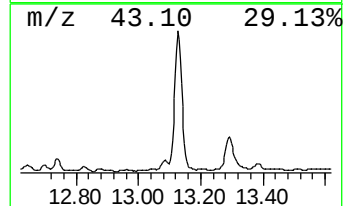
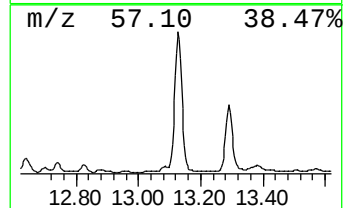
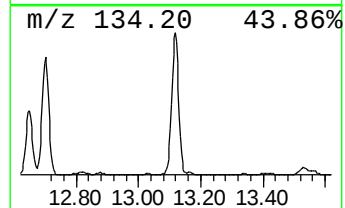
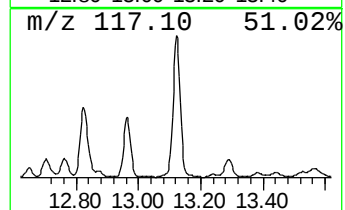
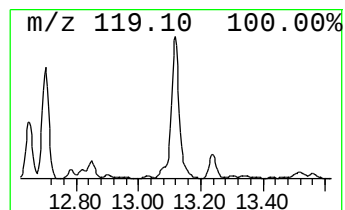
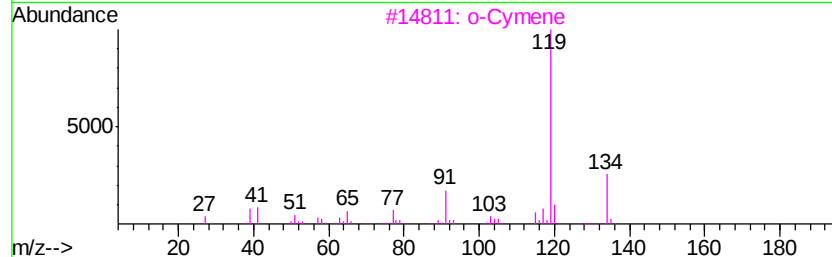
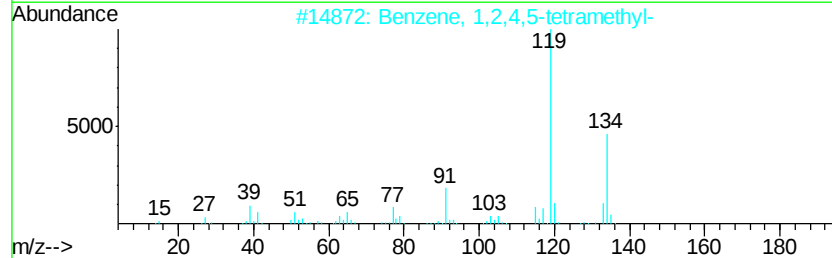
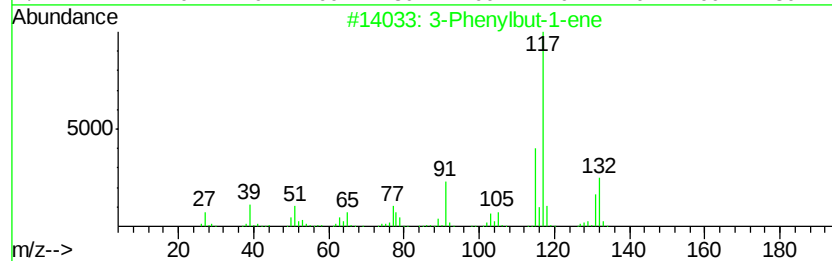
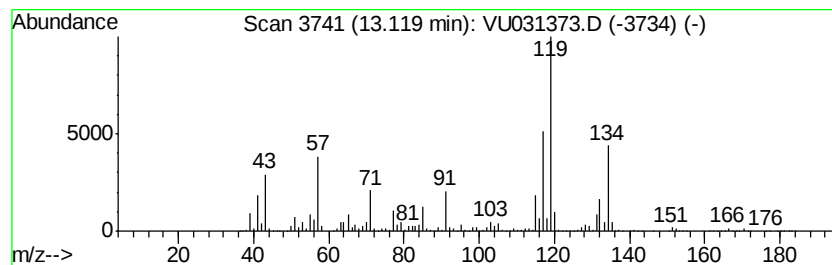
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 17 3-Phenylbut-1-ene Concentration Rank 4

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 13.12 | 417.81 ug/L | 14945800 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 70   |
| 2    |    | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 55   |
| 3    |    | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 55   |
| 4    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 55   |
| 5    |    | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 55   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

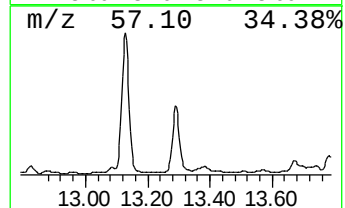
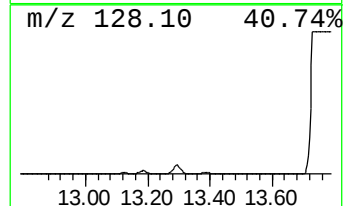
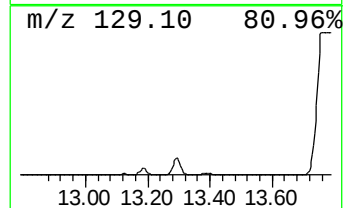
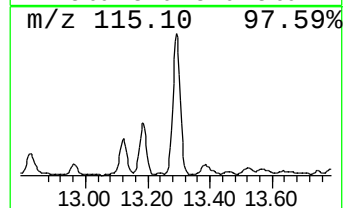
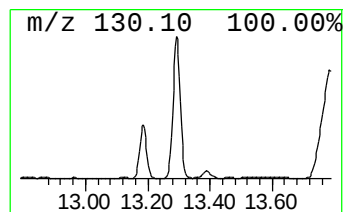
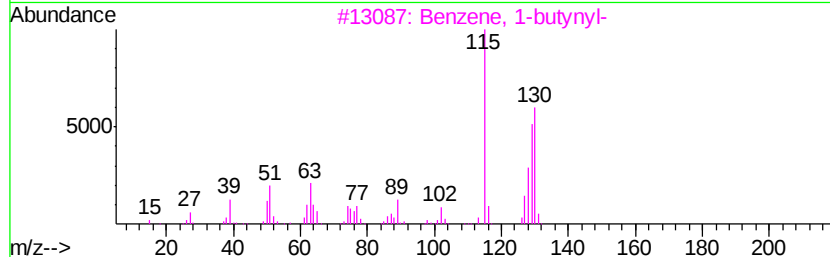
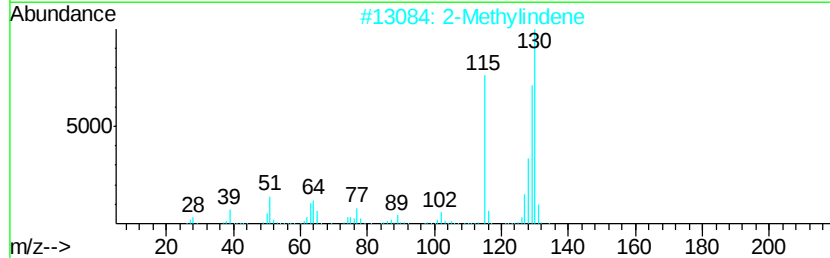
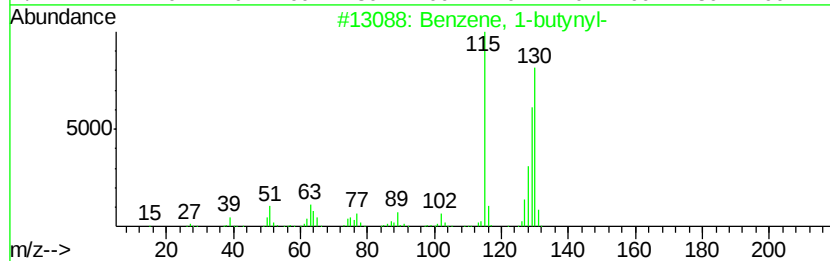
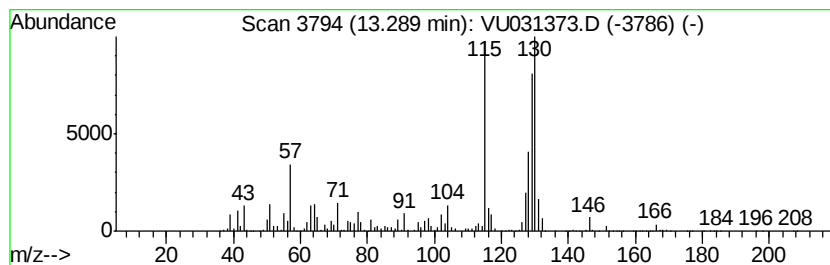
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 Benzene, 1-butylnyl- Concentration Rank 3

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 13.29 | 434.69 ug/L | 15549800 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-butylnyl-                | 130 | C10H10  | 000622-76-4 | 95   |
| 2    |    | 2-Methylindene                      | 130 | C10H10  | 002177-47-1 | 95   |
| 3    |    | Benzene, 1-butylnyl-                | 130 | C10H10  | 000622-76-4 | 95   |
| 4    |    | Benzene, 1-methyl-1,2-propadienyl-  | 130 | C10H10  | 022433-39-2 | 94   |
| 5    |    | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10  | 065051-83-4 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µ/5mL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

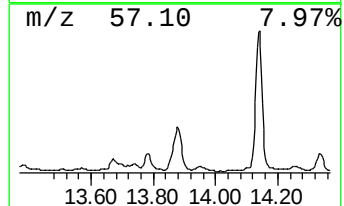
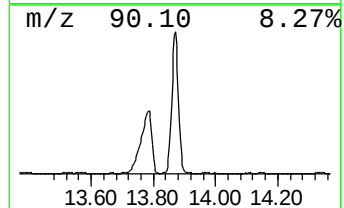
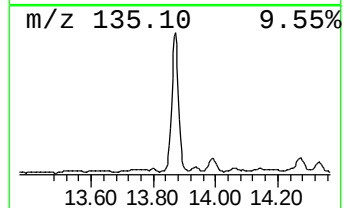
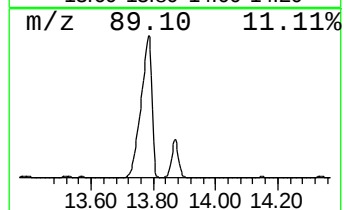
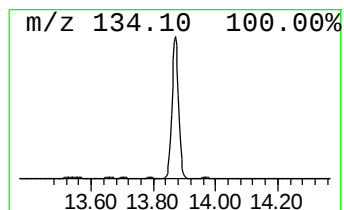
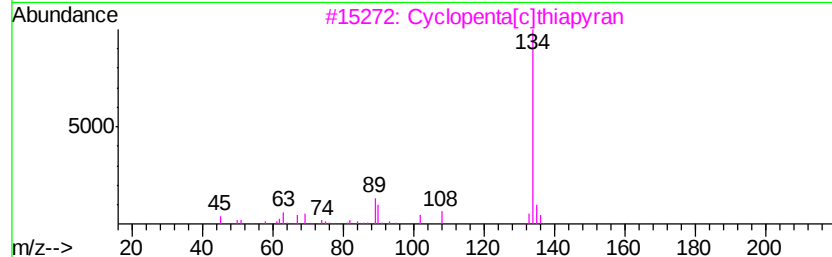
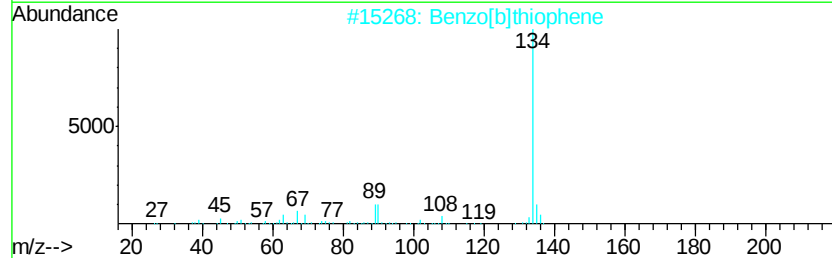
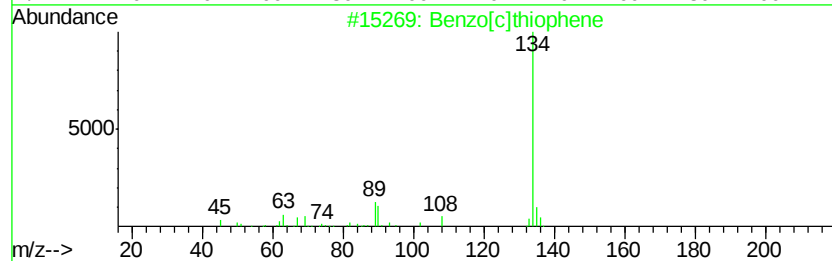
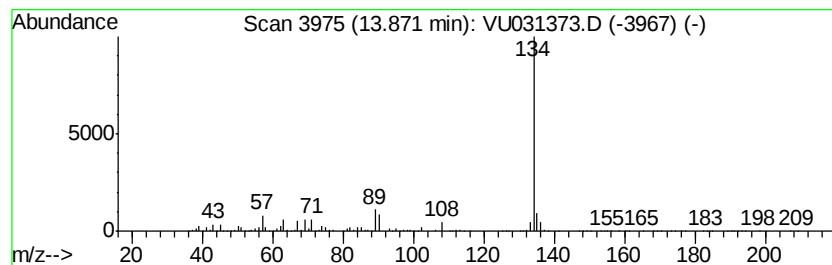
Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 19 Benzo[c]thiophene Concentration Rank 5

| R.T.      | EstConc                | Area     | Relative to ISTD       | R.T.        |      |
|-----------|------------------------|----------|------------------------|-------------|------|
| 13.87     | 294.17 ug/L            | 10522900 | 1,4-Dichlorobenzene-d4 | 11.49       |      |
| Hit# of 5 | Tentative ID           | MW       | MolForm                | CAS#        | Qual |
| 1         | Benzo[c]thiophene      | 134      | C8H6S                  | 000270-82-6 | 97   |
| 2         | Benzo[b]thiophene      | 134      | C8H6S                  | 000095-15-8 | 95   |
| 3         | Cyclopenta[c]thiapyran | 134      | C8H6S                  | 000270-63-3 | 94   |
| 4         | Benzo[b]thiophene      | 134      | C8H6S                  | 000095-15-8 | 91   |
| 5         | Benzo[b]thiophene      | 134      | C8H6S                  | 000095-15-8 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

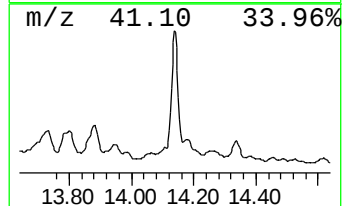
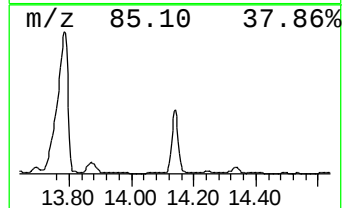
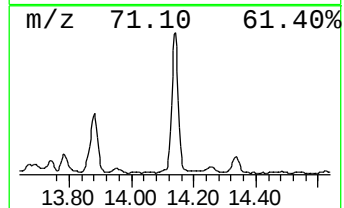
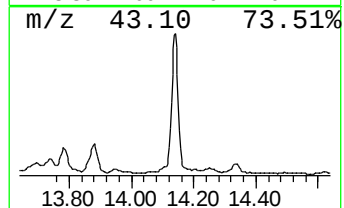
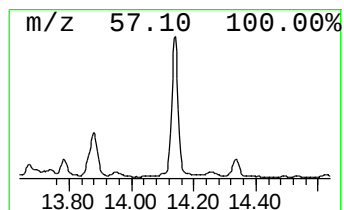
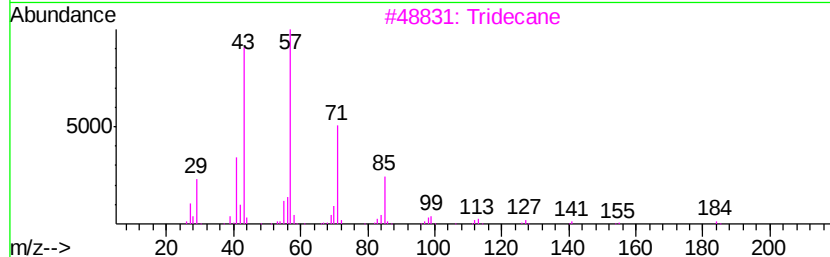
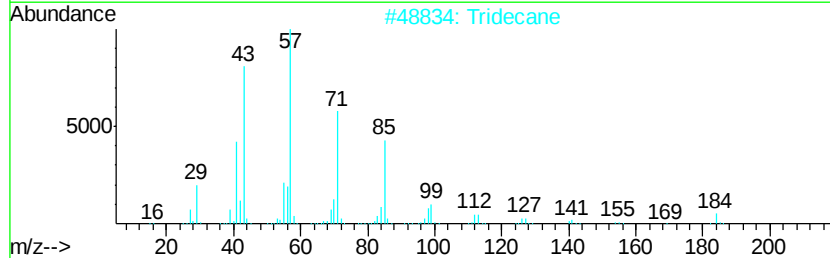
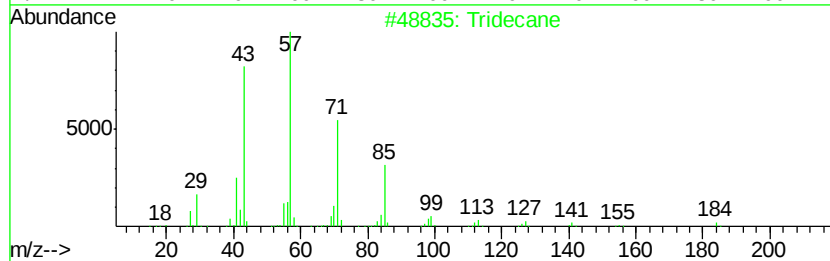
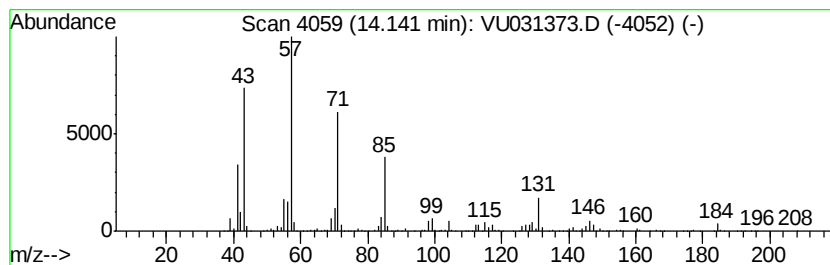
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 14.14 | 158.30 ug/L | 5662560 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Tridecane    | 184 | C13H28  | 000629-50-5 | 96   |
| 2    |    | Tridecane    | 184 | C13H28  | 000629-50-5 | 91   |
| 3    |    | Tridecane    | 184 | C13H28  | 000629-50-5 | 68   |
| 4    |    | Dodecane     | 170 | C12H26  | 000112-40-3 | 64   |
| 5    |    | Hexadecane   | 226 | C16H34  | 000544-76-3 | 58   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08uL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

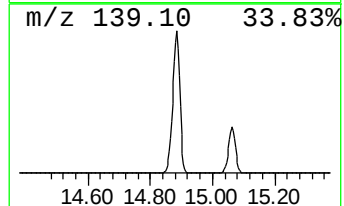
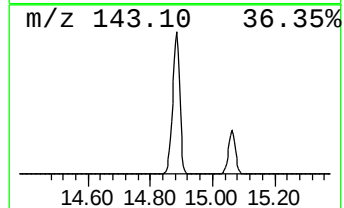
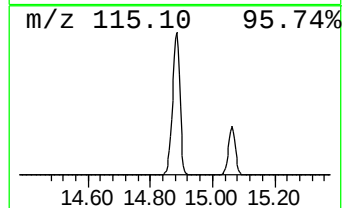
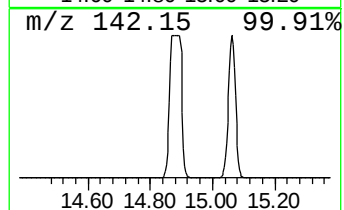
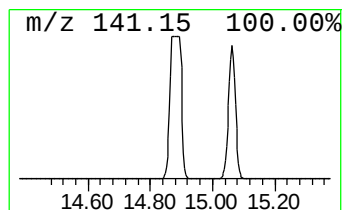
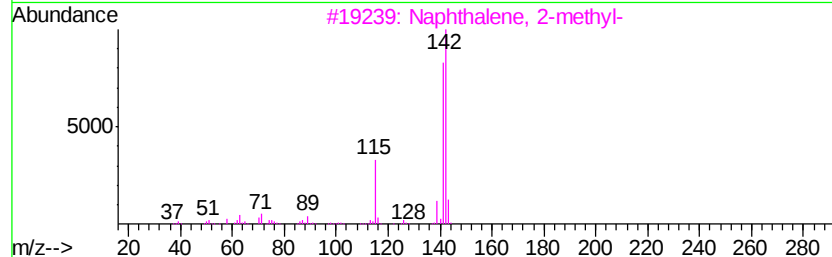
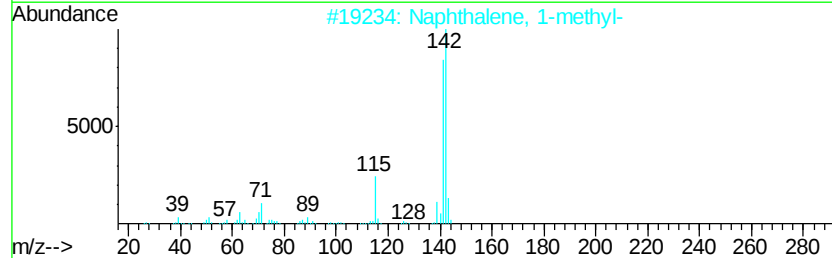
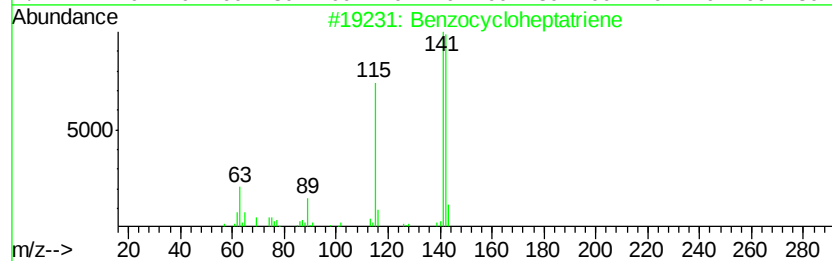
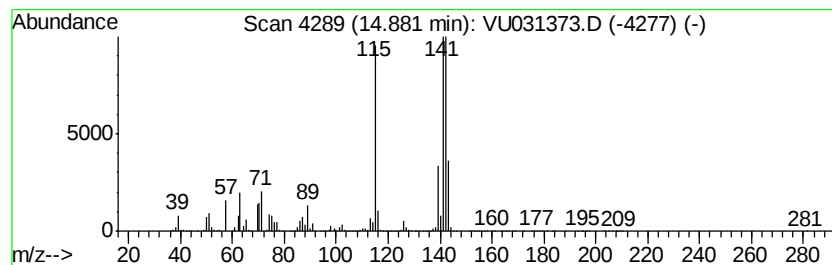
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 21 Benzocycloheptatriene Concentration Rank 1

| R.T.  | EstConc      | Area      | Relative to ISTD       | R.T.  |
|-------|--------------|-----------|------------------------|-------|
| 14.88 | 3611.62 ug/L | 129194000 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 95   |
| 2    |    | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 95   |
| 3    |    | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 90   |
| 4    |    | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 89   |
| 5    |    | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10  | 002443-46-1 | 89   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

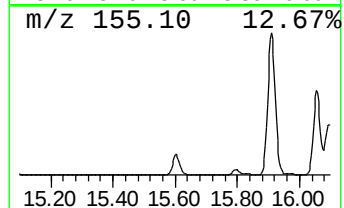
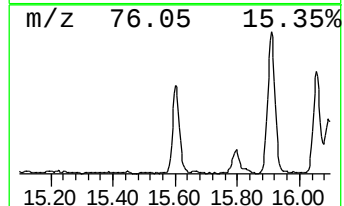
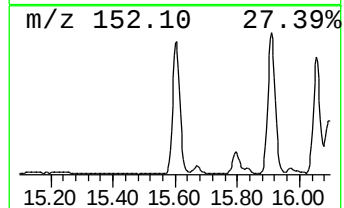
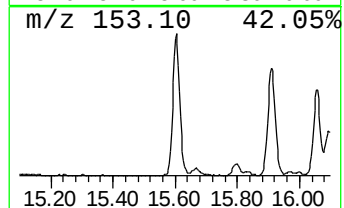
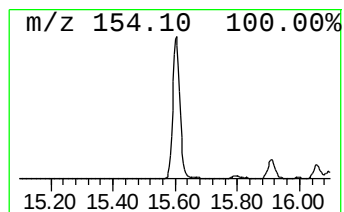
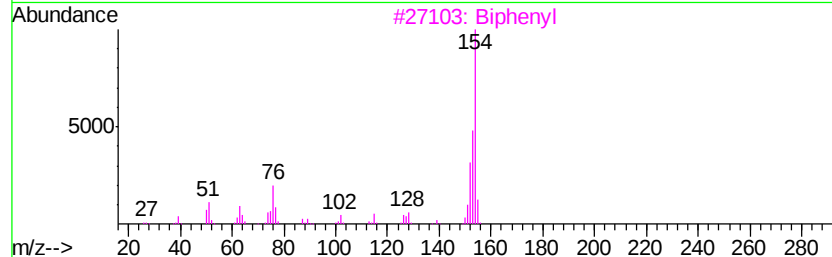
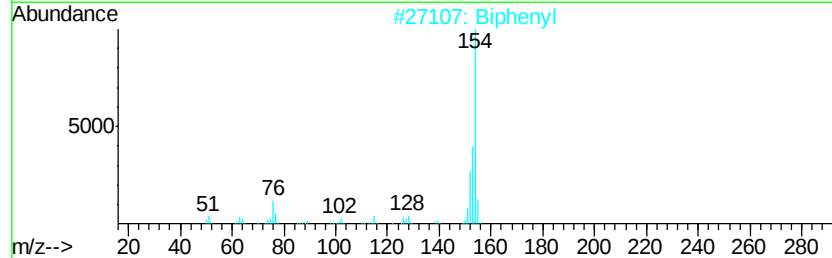
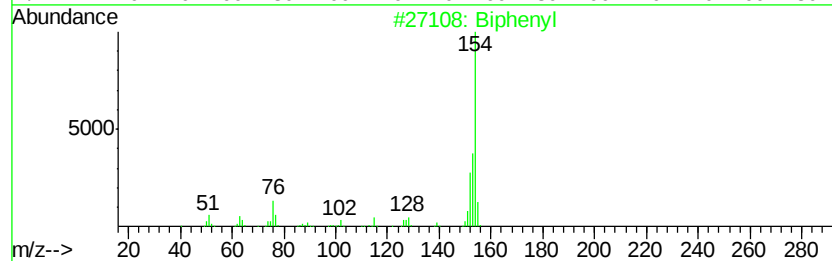
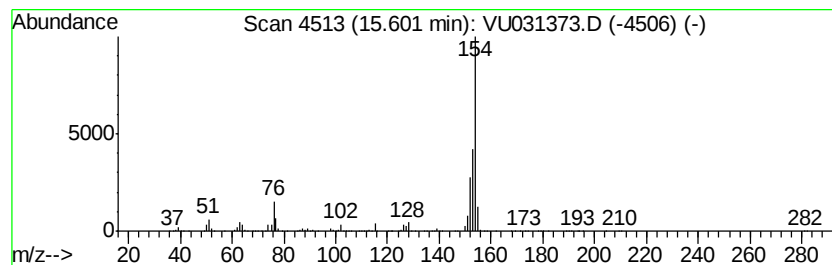
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 23 Biphenyl Concentration Rank 23

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 15.60 | 28.09 ug/L | 1004680 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Biphenyl                | 154 | C12H10  | 000092-52-4 | 95   |
| 2    |    | Biphenyl                | 154 | C12H10  | 000092-52-4 | 95   |
| 3    |    | Biphenyl                | 154 | C12H10  | 000092-52-4 | 87   |
| 4    |    | Naphthalene, 2-ethenyl- | 154 | C12H10  | 000827-54-3 | 83   |
| 5    |    | Naphthalene, 2-ethenyl- | 154 | C12H10  | 000827-54-3 | 83   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

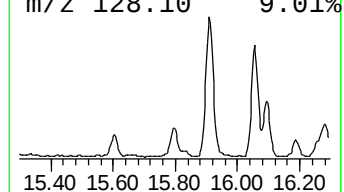
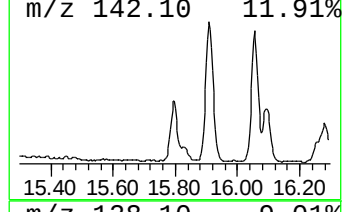
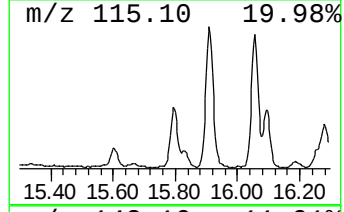
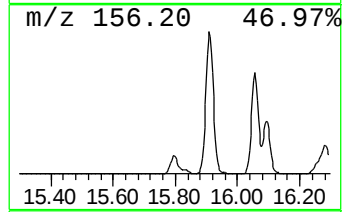
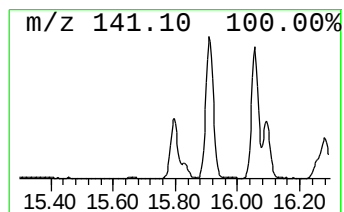
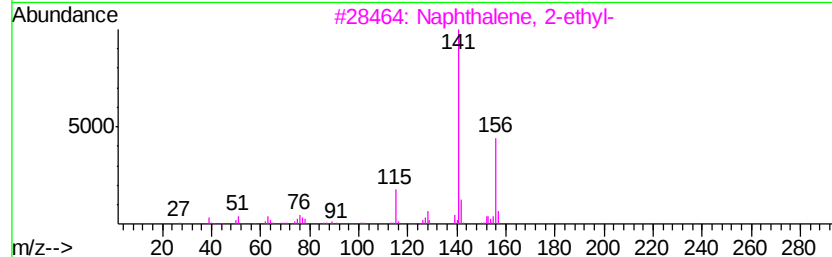
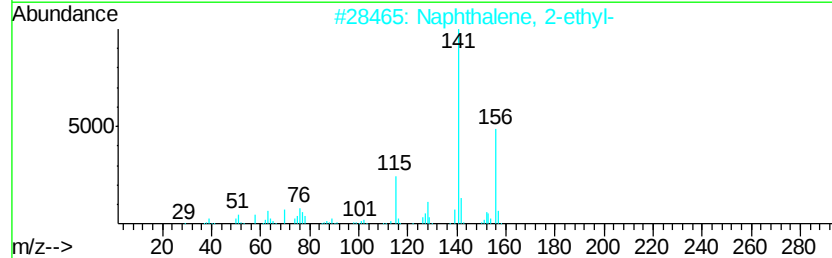
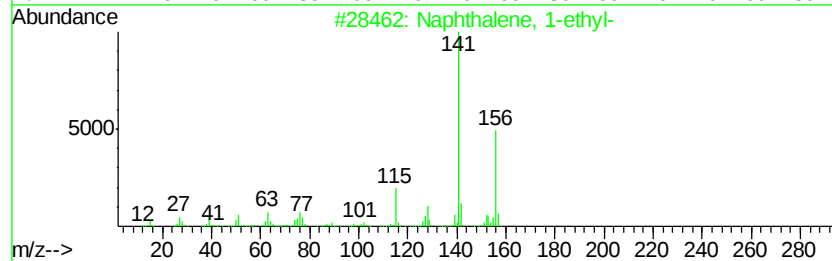
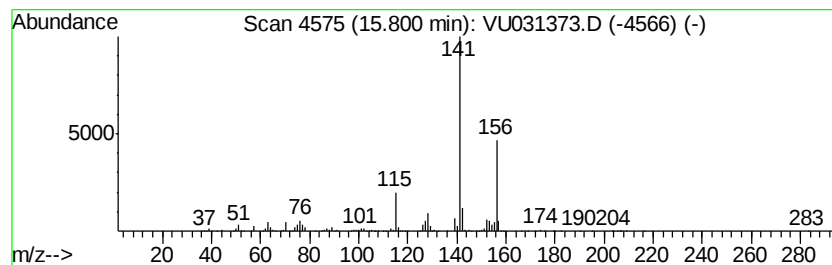
Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 24 Naphthalene, 1-ethyl- Concentration Rank 25

| R.T.    | EstConc    | Area                  | Relative to ISTD       | R.T.           |
|---------|------------|-----------------------|------------------------|----------------|
| 15.80   | 18.92 ug/L | 676830                | 1,4-Dichlorobenzene-d4 | 11.49          |
| Hit# of | 5          | Tentative ID          | MW MolForm             | CAS# Qual      |
| 1       |            | Naphthalene, 1-ethyl- | 156 C12H12             | 001127-76-0 97 |
| 2       |            | Naphthalene, 2-ethyl- | 156 C12H12             | 000939-27-5 96 |
| 3       |            | Naphthalene, 2-ethyl- | 156 C12H12             | 000939-27-5 96 |
| 4       |            | Naphthalene, 1-ethyl- | 156 C12H12             | 001127-76-0 95 |
| 5       |            | Naphthalene, 2-ethyl- | 156 C12H12             | 000939-27-5 95 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µ/5mL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

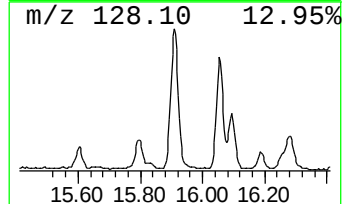
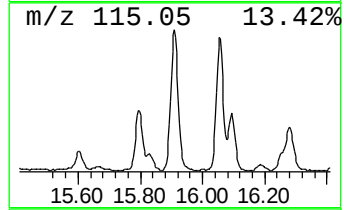
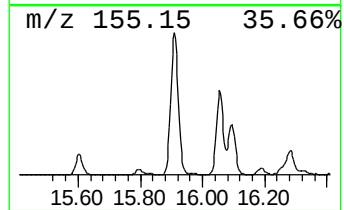
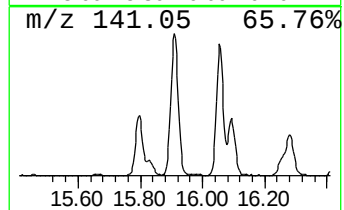
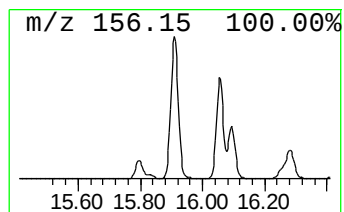
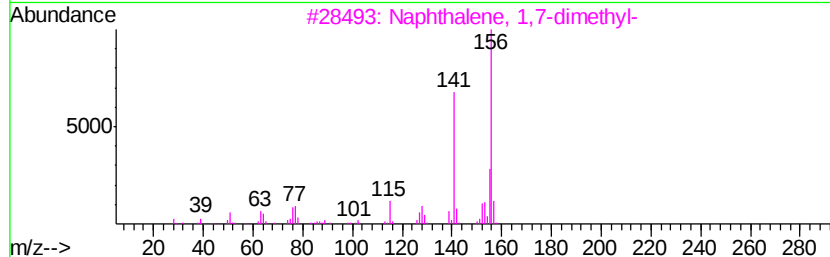
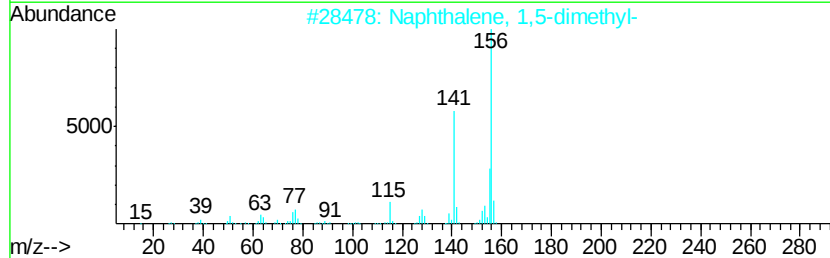
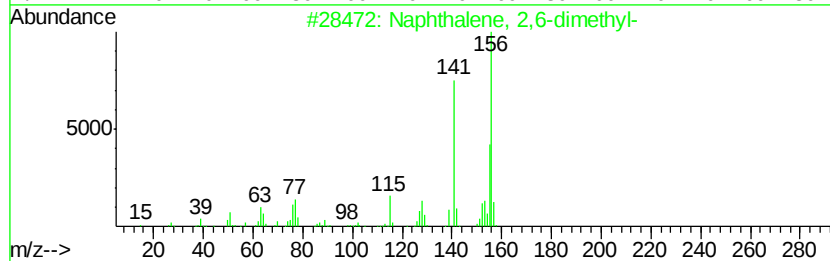
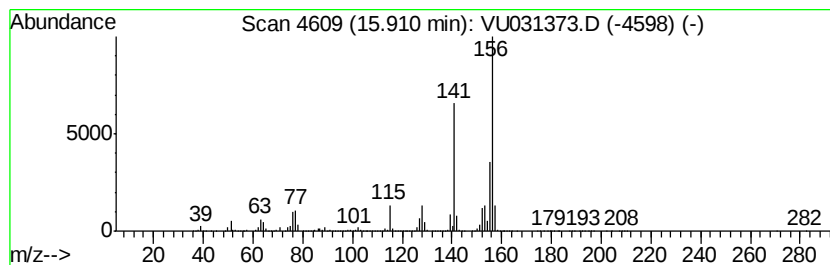
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 25 Naphthalene, 2,6-dimethyl- Concentration Rank 8

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 15.91 | 113.40 ug/L | 4056510 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 98   |
| 2    |    | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 97   |
| 3    |    | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 4    |    | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 5    |    | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

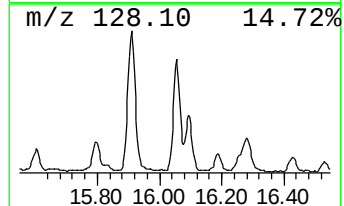
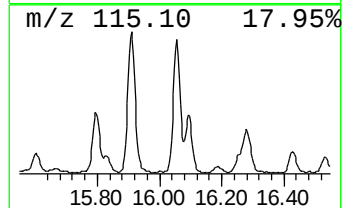
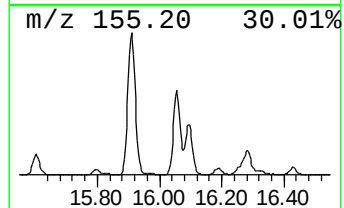
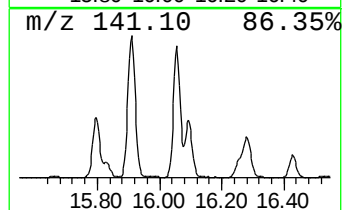
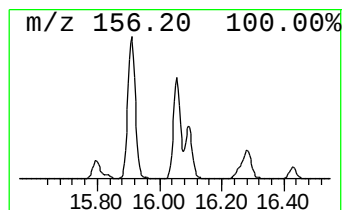
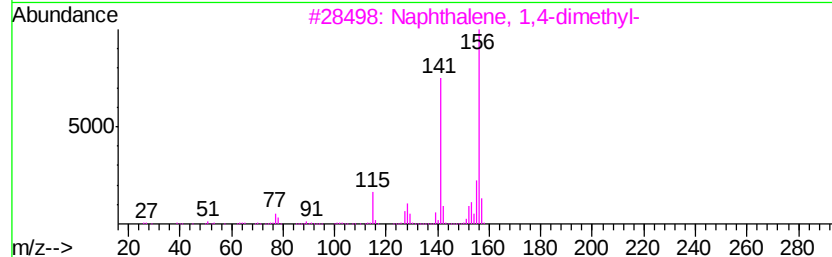
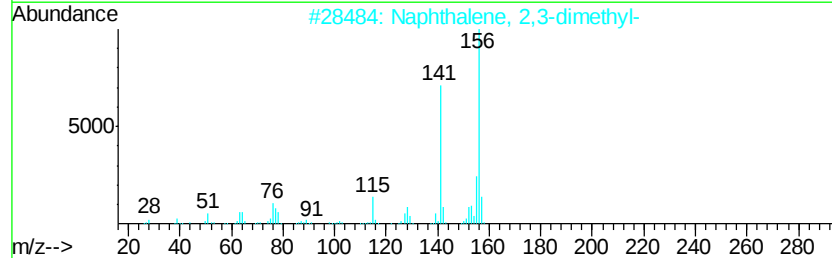
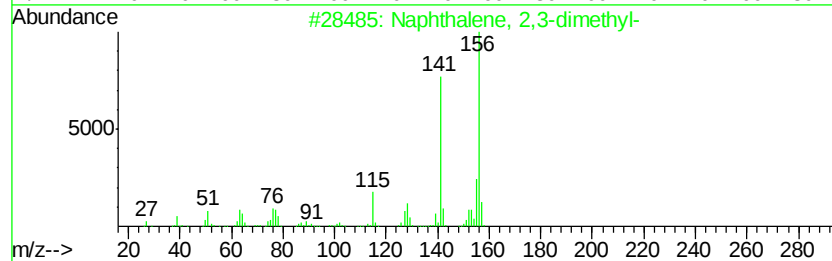
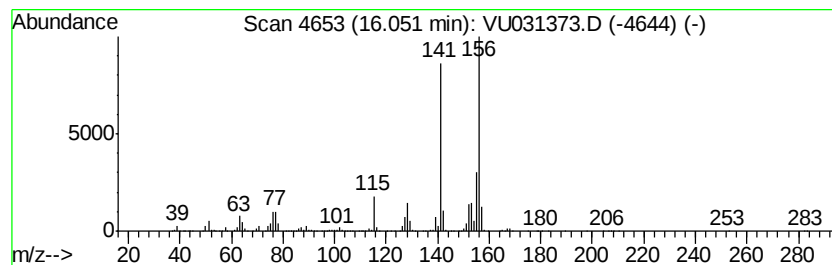
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 26 Naphthalene, 2,3-dimethyl- Concentration Rank 13

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 16.05 | 80.28 ug/L | 2871820 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 2    |    | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 3    |    | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |
| 4    |    | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |
| 5    |    | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

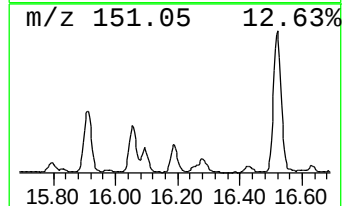
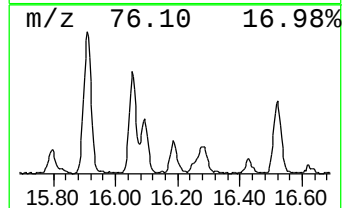
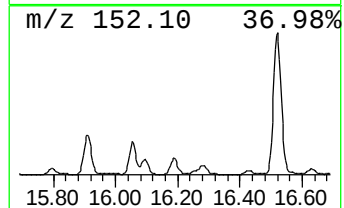
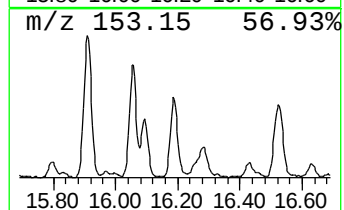
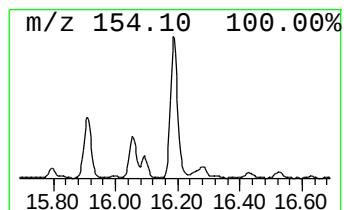
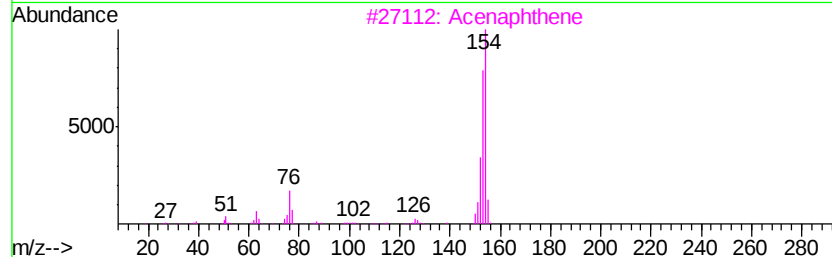
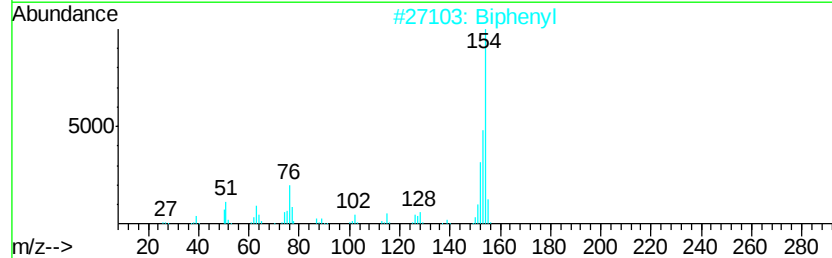
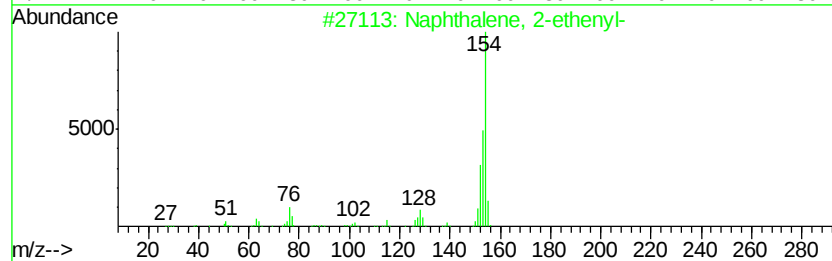
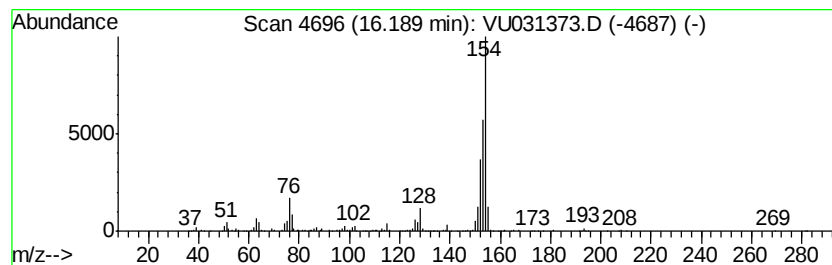
Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 28 Naphthalene, 2-ethenyl- Concentration Rank 30

| R.T.    | EstConc    | Area                    | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------|------------------------|----------------|
| 16.19   | 12.31 ug/L | 440195                  | 1,4-Dichlorobenzene-d4 | 11.49          |
| Hit# of | 5          | Tentative ID            | MW MolForm             | CAS# Qual      |
| 1       |            | Naphthalene, 2-ethenyl- | 154 C12H10             | 000827-54-3 94 |
| 2       |            | Biphenyl                | 154 C12H10             | 000092-52-4 93 |
| 3       |            | Acenaphthene            | 154 C12H10             | 000083-32-9 81 |
| 4       |            | Naphthalene, 2-ethenyl- | 154 C12H10             | 000827-54-3 76 |
| 5       |            | Biphenyl                | 154 C12H10             | 000092-52-4 76 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µ/5mL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

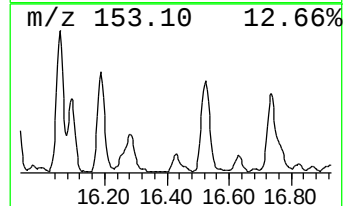
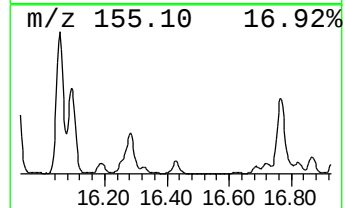
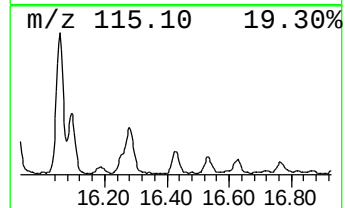
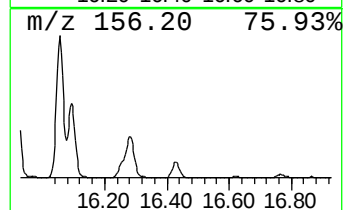
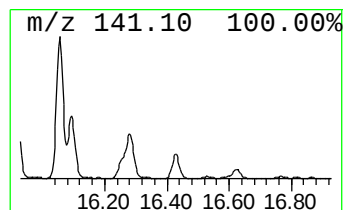
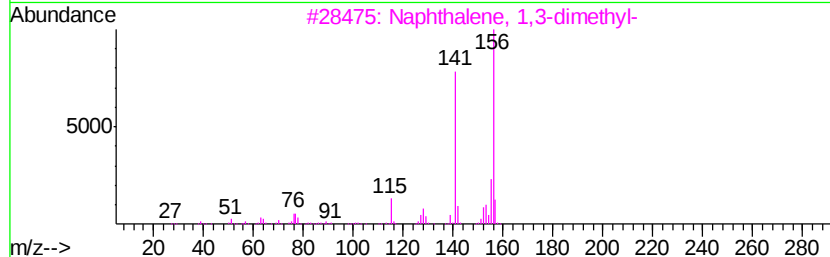
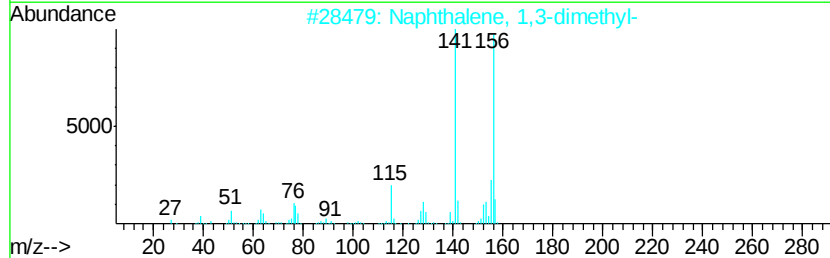
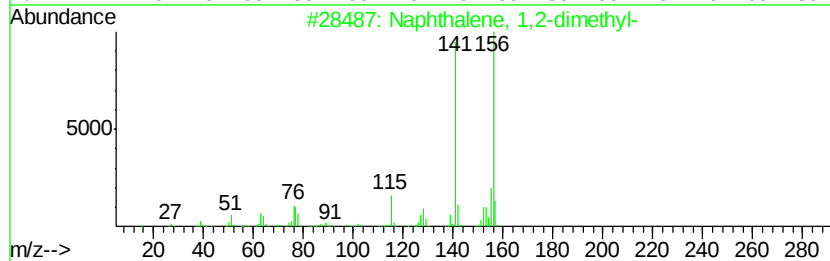
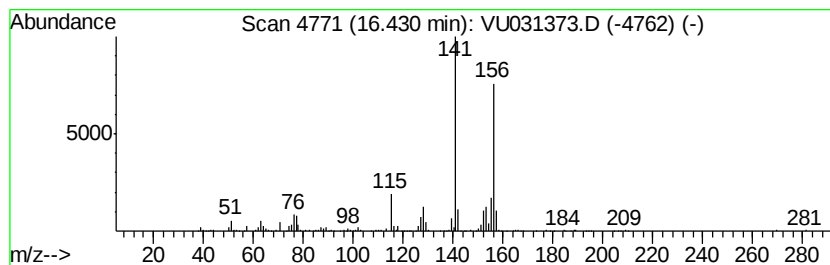
Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 30 Naphthalene, 1,2-dimethyl- Concentration Rank 31

| R.T.  | EstConc    | Area   | Relative to ISTD           |     | R.T.    |             |      |
|-------|------------|--------|----------------------------|-----|---------|-------------|------|
| 16.43 | 10.90 ug/L | 389809 | 1,4-Dichlorobenzene-d4     |     | 11.49   |             |      |
| Hit#  | of         | 5      | Tentative ID               | MW  | MolForm | CAS#        | Qual |
| 1     |            |        | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 96   |
| 2     |            |        | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 3     |            |        | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 4     |            |        | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 5     |            |        | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 95   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µ/5mL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

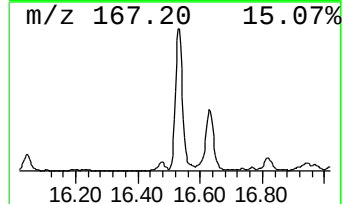
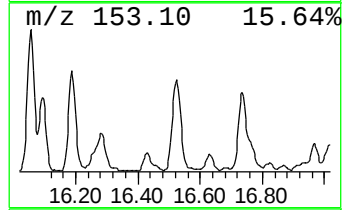
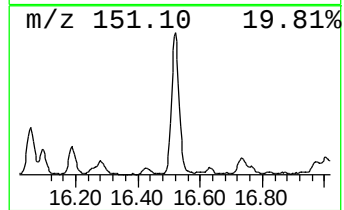
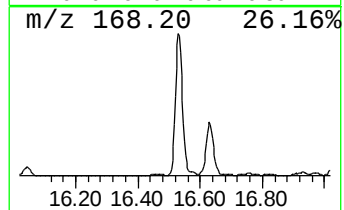
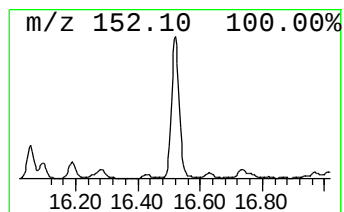
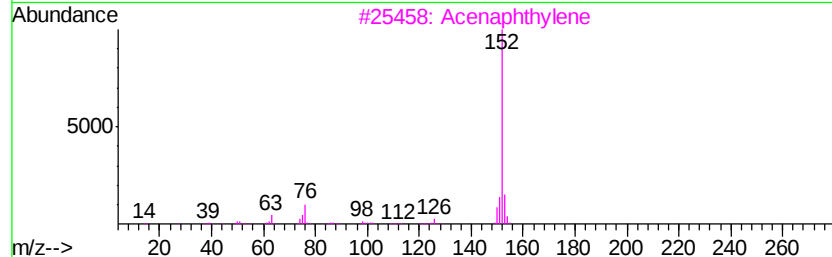
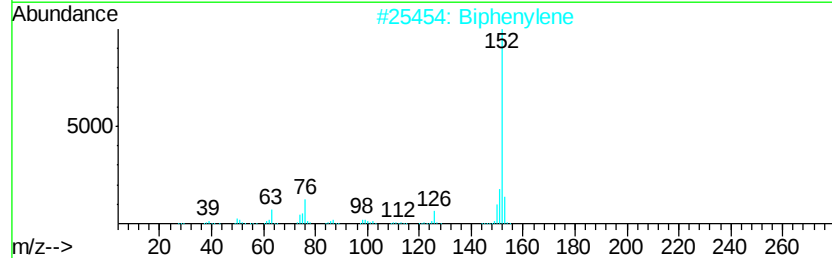
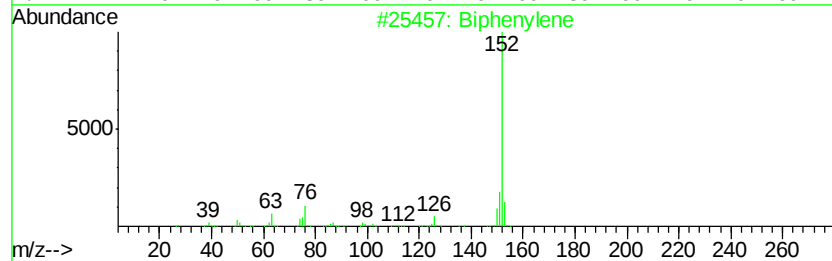
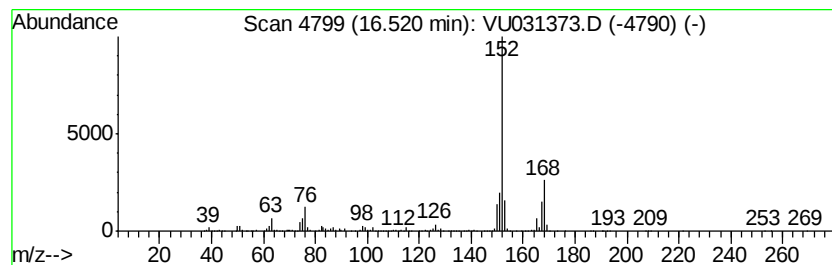
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 31 Biphenylene Concentration Rank 19

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 16.52 | 40.54 ug/L | 1450350 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Biphenylene                         | 152 | C12H8     | 000259-79-0 | 91   |
| 2    |    |   | Biphenylene                         | 152 | C12H8     | 000259-79-0 | 83   |
| 3    |    |   | Acenaphthylene                      | 152 | C12H8     | 000208-96-8 | 70   |
| 4    |    |   | Acenaphthylene                      | 152 | C12H8     | 000208-96-8 | 64   |
| 5    |    |   | 1-Aza-2-sila-5-boracyclopent-3-e... | 167 | C8H18BNSi | 125212-69-3 | 53   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

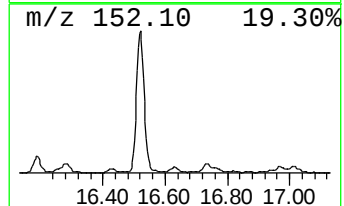
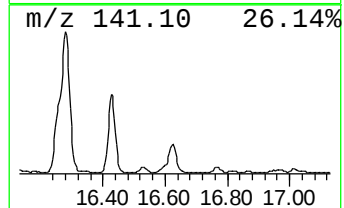
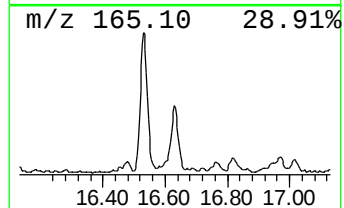
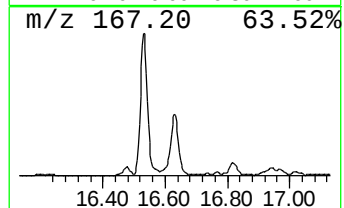
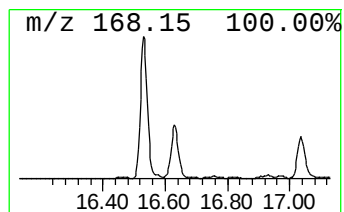
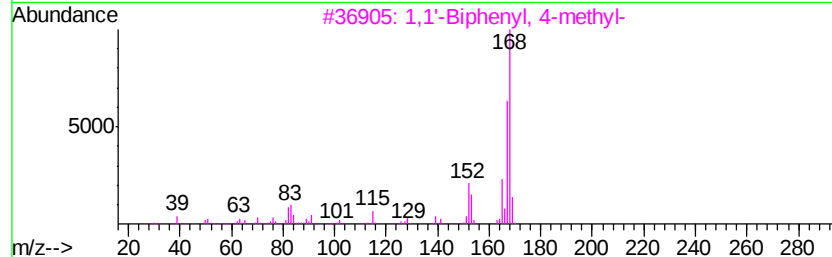
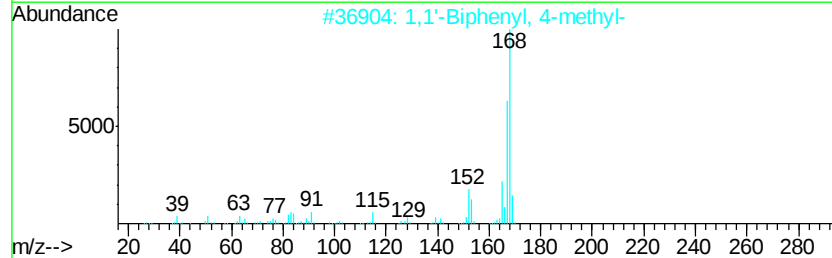
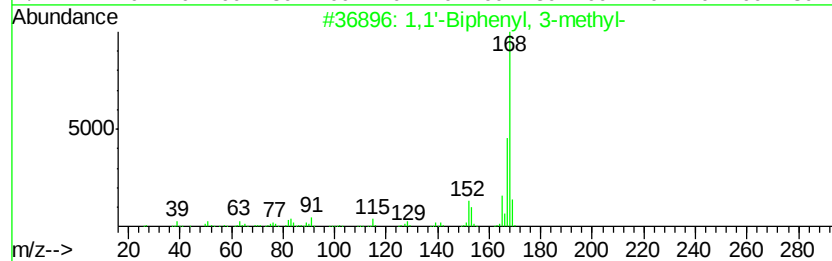
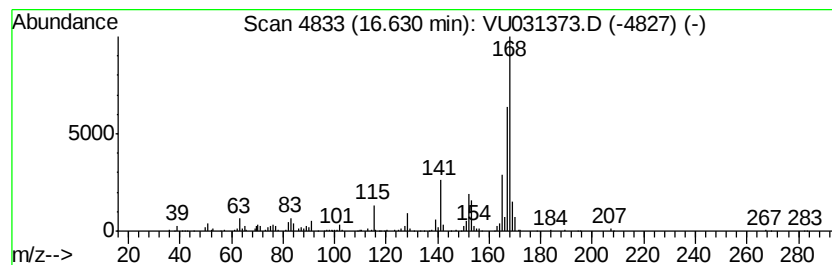
Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 32 1,1'-Biphenyl, 3-methyl- Concentration Rank 32

| R.T.      | EstConc                  | Area   | Relative to ISTD       | R.T.        |      |
|-----------|--------------------------|--------|------------------------|-------------|------|
| 16.63     | 9.35 ug/L                | 334395 | 1,4-Dichlorobenzene-d4 | 11.49       |      |
| Hit# of 5 | Tentative ID             | MW     | MolForm                | CAS#        | Qual |
| 1         | 1,1'-Biphenyl, 3-methyl- | 168    | C13H12                 | 000643-93-6 | 94   |
| 2         | 1,1'-Biphenyl, 4-methyl- | 168    | C13H12                 | 000644-08-6 | 94   |
| 3         | 1,1'-Biphenyl, 4-methyl- | 168    | C13H12                 | 000644-08-6 | 89   |
| 4         | 1,1'-Biphenyl, 4-methyl- | 168    | C13H12                 | 000644-08-6 | 76   |
| 5         | 1,1'-Biphenyl, 4-methyl- | 168    | C13H12                 | 000644-08-6 | 76   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\  
Data File : VU031373.D  
Acq On : 19 Apr 2019 20:40  
Operator : JC/SP  
Sample : K2456-02  
Misc : 5.08µL/100µL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAHQ2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
Quant Title : VOC Analysis

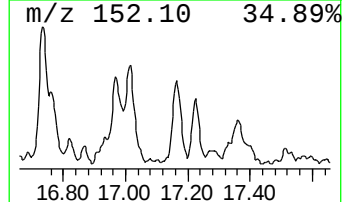
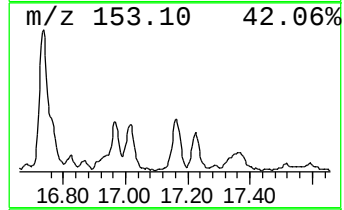
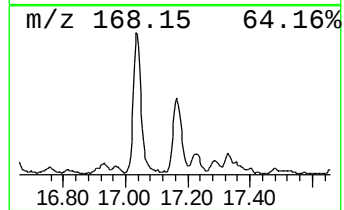
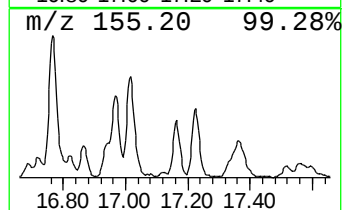
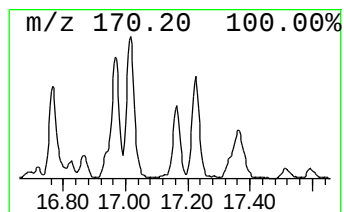
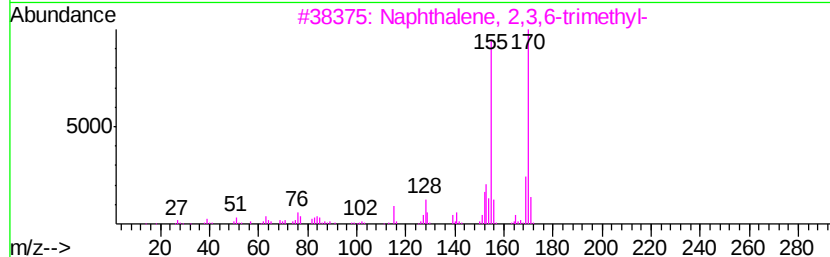
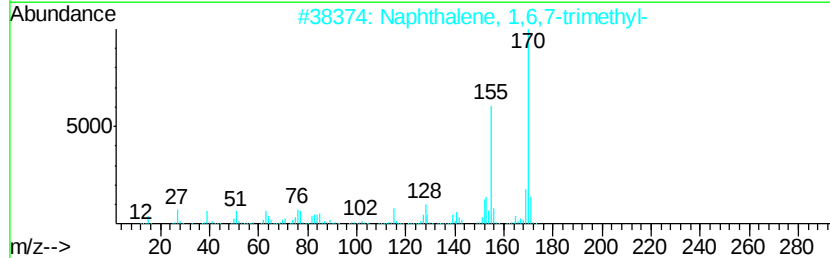
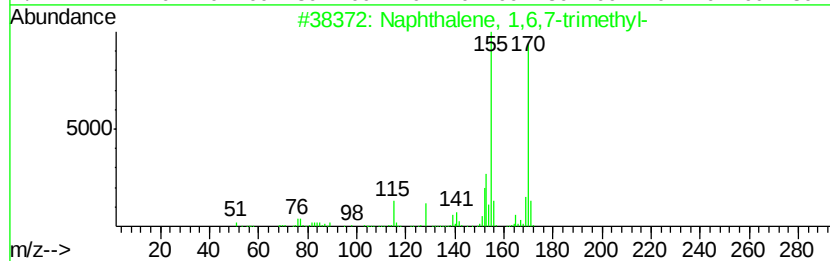
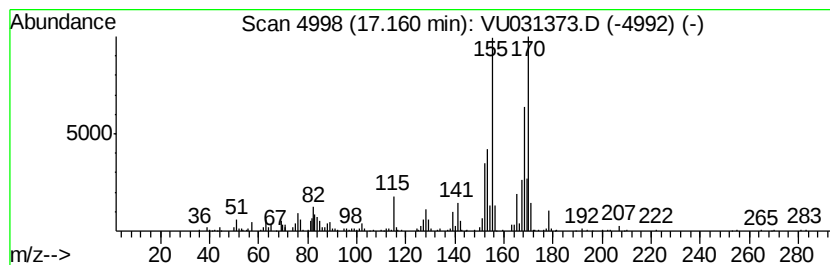
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 33 Naphthalene, 1,6,7-trimethyl- Concentration Rank 33

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 17.16 | 8.17 ug/L | 292349 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 94   |
| 2    |    | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 91   |
| 3    |    | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 91   |
| 4    |    | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 91   |
| 5    |    | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 90   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU042019\  
 Data File : VU031373.D  
 Acq On : 19 Apr 2019 20:40  
 Operator : JC/SP  
 Sample : K2456-02  
 Misc : 5.08g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAHQ2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
 Quant Title : VOC Analysis

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

| TIC Top Hit name     | RT    | EstConc | Units | Response  | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|-----------|-----------------------|-------|---------|------|
|                      |       |         |       |           | #                     | RT    | Resp    | Conc |
| Benzene, 1-ethyl-... | 10.68 | 15.4    | ug/L  | 549110    | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, 1,2,3-tr... | 10.77 | 41.0    | ug/L  | 1468310   | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, 1-ethyl-... | 10.97 | 14.1    | ug/L  | 502871    | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, 1-etheny... | 11.22 | 45.3    | ug/L  | 1621730   | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, cyclopro... | 11.27 | 13.7    | ug/L  | 489360    | 3                     | 11.49 | 1788590 | 50.0 |
| Tetracyclo[3.3.1...  | 11.77 | 38.4    | ug/L  | 1374990   | 3                     | 11.49 | 1788590 | 50.0 |
| Indene               | 11.98 | 50.9    | ug/L  | 1819020   | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, 4-ethyl-... | 12.15 | 19.6    | ug/L  | 700716    | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, 1-methyl... | 12.43 | 112.5   | ug/L  | 4025040   | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, 1,2,3,4-... | 12.65 | 80.9    | ug/L  | 2893990   | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, 1,2,3,5-... | 12.70 | 241.4   | ug/L  | 8636030   | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, 1-methyl... | 12.82 | 85.8    | ug/L  | 3069430   | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, (1-methy... | 12.96 | 59.6    | ug/L  | 2131930   | 3                     | 11.49 | 1788590 | 50.0 |
| 3-Phenylbut-1-ene    | 13.12 | 417.8   | ug/L  | 14945800  | 3                     | 11.49 | 1788590 | 50.0 |
| Benzene, 1-butynyl-  | 13.29 | 434.7   | ug/L  | 15549800  | 3                     | 11.49 | 1788590 | 50.0 |
| Benzo[c]thiophene    | 13.87 | 294.2   | ug/L  | 10522900  | 3                     | 11.49 | 1788590 | 50.0 |
| (DEL) Alkane: Str... | 14.14 | 158.3   | ug/L  | 5662560   | 3                     | 11.49 | 1788590 | 50.0 |
| Benzocycloheptatr... | 14.88 | 3611.6  | ug/L  | 129194000 | 3                     | 11.49 | 1788590 | 50.0 |
| Biphenyl             | 15.60 | 28.1    | ug/L  | 1004680   | 3                     | 11.49 | 1788590 | 50.0 |
| Naphthalene, 1-et... | 15.80 | 18.9    | ug/L  | 676830    | 3                     | 11.49 | 1788590 | 50.0 |
| Naphthalene, 2,6-... | 15.91 | 113.4   | ug/L  | 4056510   | 3                     | 11.49 | 1788590 | 50.0 |
| Naphthalene, 2,3-... | 16.05 | 80.3    | ug/L  | 2871820   | 3                     | 11.49 | 1788590 | 50.0 |
| Naphthalene, 2-et... | 16.19 | 12.3    | ug/L  | 440195    | 3                     | 11.49 | 1788590 | 50.0 |
| Naphthalene, 1,2-... | 16.43 | 10.9    | ug/L  | 389809    | 3                     | 11.49 | 1788590 | 50.0 |
| Biphenylene          | 16.52 | 40.5    | ug/L  | 1450350   | 3                     | 11.49 | 1788590 | 50.0 |
| 1,1'-Biphenyl, 3-... | 16.63 | 9.3     | ug/L  | 334395    | 3                     | 11.49 | 1788590 | 50.0 |
| Naphthalene, 1,6,... | 17.16 | 8.2     | ug/L  | 292349    | 3                     | 11.49 | 1788590 | 50.0 |