

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\  
 Data File : VX010361.D  
 Acq On : 20 Jun 2019 16:48  
 Operator : JC/SP  
 Sample : K3469-09  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T3-MW-3-9.0-061919

Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % 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\_X\METHOD\82X061919W.M  
 Title : SW846 8260

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.318       | 23            | 27          | 36           | rBV      | 21539          | 67572         | 2.45%           | 0.161%        |
| 2         | 2.446       | 206           | 212         | 221          | rVB      | 26552          | 46727         | 1.70%           | 0.111%        |
| 3         | 2.605       | 230           | 238         | 246          | rBV      | 16191          | 35105         | 1.27%           | 0.084%        |
| 4         | 3.178       | 323           | 332         | 343          | rBV3     | 16774          | 48421         | 1.76%           | 0.115%        |
| 5         | 4.403       | 523           | 533         | 546          | rVB2     | 34837          | 105227        | 3.82%           | 0.250%        |
| 6         | 5.501       | 699           | 713         | 722          | rBV      | 165722         | 490602        | 17.81%          | 1.168%        |
| 7         | 5.665       | 731           | 740         | 764          | rVB      | 295205         | 864110        | 31.37%          | 2.057%        |
| 8         | 6.061       | 794           | 805         | 825          | rBV      | 157239         | 423274        | 15.37%          | 1.007%        |
| 9         | 6.256       | 830           | 837         | 845          | rVV4     | 10325          | 32925         | 1.20%           | 0.078%        |
| 10        | 6.354       | 847           | 853         | 862          | rVV3     | 12946          | 38277         | 1.39%           | 0.091%        |
| 11        | 6.458       | 862           | 870         | 880          | rVB6     | 11166          | 33137         | 1.20%           | 0.079%        |
| 12        | 6.860       | 924           | 936         | 946          | rBV      | 421849         | 1026806       | 37.28%          | 2.444%        |
| 13        | 6.939       | 946           | 949         | 962          | rVB6     | 16762          | 42843         | 1.56%           | 0.102%        |
| 14        | 7.256       | 992           | 1001        | 1010         | rVB      | 17532          | 41319         | 1.50%           | 0.098%        |
| 15        | 7.464       | 1021          | 1035        | 1047         | rVB4     | 52115          | 145087        | 5.27%           | 0.345%        |
| 16        | 8.213       | 1144          | 1158        | 1163         | rBV2     | 51957          | 117754        | 4.28%           | 0.280%        |
| 17        | 8.573       | 1208          | 1217        | 1224         | rVB      | 35199          | 63114         | 2.29%           | 0.150%        |
| 18        | 8.713       | 1234          | 1240        | 1248         | rVB      | 918936         | 1387294       | 50.37%          | 3.302%        |
| 19        | 9.219       | 1319          | 1323        | 1328         | rBV      | 20700          | 30768         | 1.12%           | 0.073%        |
| 20        | 9.622       | 1385          | 1389        | 1393         | rBV2     | 26215          | 35380         | 1.28%           | 0.084%        |
| 21        | 10.109      | 1460          | 1469        | 1475         | rBV      | 836897         | 1142058       | 41.46%          | 2.718%        |
| 22        | 10.183      | 1478          | 1481        | 1487         | rVB      | 20499          | 31669         | 1.15%           | 0.075%        |
| 23        | 10.372      | 1507          | 1512        | 1515         | rVB3     | 23974          | 50114         | 1.82%           | 0.119%        |
| 24        | 10.512      | 1531          | 1535        | 1545         | rVB      | 43635          | 61150         | 2.22%           | 0.146%        |
| 25        | 10.658      | 1547          | 1559        | 1564         | rBV3     | 74805          | 195024        | 7.08%           | 0.464%        |
| 26        | 10.707      | 1564          | 1567        | 1575         | rVB2     | 21242          | 32414         | 1.18%           | 0.077%        |
| 27        | 10.835      | 1575          | 1588        | 1595         | rBV2     | 189205         | 311041        | 11.29%          | 0.740%        |
| 28        | 10.914      | 1595          | 1601        | 1607         | rBV3     | 93602          | 150347        | 5.46%           | 0.358%        |
| 29        | 11.018      | 1613          | 1618        | 1630         | rVB      | 584797         | 769040        | 27.92%          | 1.830%        |
| 30        | 11.134      | 1632          | 1637        | 1642         | rBV      | 722482         | 913556        | 33.17%          | 2.174%        |
| 31        | 11.182      | 1642          | 1645        | 1649         | rVB      | 104169         | 129183        | 4.69%           | 0.307%        |
| 32        | 11.280      | 1657          | 1661        | 1665         | rVB      | 76594          | 101971        | 3.70%           | 0.243%        |
| 33        | 11.359      | 1665          | 1674        | 1681         | rBV      | 1849652        | 2248144       | 81.62%          | 5.351%        |
| 34        | 11.451      | 1683          | 1689        | 1693         | rVB3     | 34945          | 60110         | 2.18%           | 0.143%        |

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 MSVOA\_X  
 ClientSampleId :  
 T3-MW-3-9.0-061919

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % 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\_X\METHOD\82X061919W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 11.670 | 1719 | 1725 | 1732 | rVB2 | 188655  | 271544  | 9.86%   | 0.646% |
| 36 | 11.768 | 1736 | 1741 | 1745 | rVV  | 104888  | 133375  | 4.84%   | 0.317% |
| 37 | 11.920 | 1758 | 1766 | 1767 | rBV  | 323558  | 418798  | 15.21%  | 0.997% |
| 38 | 11.944 | 1767 | 1770 | 1775 | rVB  | 590779  | 724534  | 26.31%  | 1.724% |
| 39 | 12.079 | 1786 | 1792 | 1797 | rBV  | 870673  | 1125615 | 40.87%  | 2.679% |
| 40 | 12.231 | 1812 | 1817 | 1822 | rVB  | 252692  | 298081  | 10.82%  | 0.709% |
| 41 | 12.298 | 1822 | 1828 | 1834 | rBV  | 2260553 | 2754278 | 100.00% | 6.555% |
| 42 | 12.365 | 1834 | 1839 | 1841 | rVV  | 405238  | 567702  | 20.61%  | 1.351% |
| 43 | 12.383 | 1841 | 1842 | 1849 | rVB  | 472184  | 424460  | 15.41%  | 1.010% |
| 44 | 12.457 | 1849 | 1854 | 1860 | rBV  | 359696  | 443118  | 16.09%  | 1.055% |
| 45 | 12.518 | 1860 | 1864 | 1870 | rVB2 | 27357   | 44202   | 1.60%   | 0.105% |
| 46 | 12.664 | 1879 | 1888 | 1891 | rBV  | 1334428 | 1677439 | 60.90%  | 3.992% |
| 47 | 12.700 | 1891 | 1894 | 1899 | rVV  | 659408  | 858894  | 31.18%  | 2.044% |
| 48 | 12.755 | 1899 | 1903 | 1910 | rVV3 | 1548729 | 2647337 | 96.12%  | 6.301% |
| 49 | 12.816 | 1910 | 1913 | 1919 | rVV2 | 84677   | 132649  | 4.82%   | 0.316% |
| 50 | 12.896 | 1919 | 1926 | 1931 | rVB  | 327404  | 492225  | 17.87%  | 1.171% |
| 51 | 12.975 | 1931 | 1939 | 1944 | rBV  | 1582001 | 2017908 | 73.26%  | 4.803% |
| 52 | 13.024 | 1944 | 1947 | 1952 | rVB2 | 64157   | 86005   | 3.12%   | 0.205% |
| 53 | 13.078 | 1952 | 1956 | 1962 | rVB2 | 172811  | 255513  | 9.28%   | 0.608% |
| 54 | 13.152 | 1962 | 1968 | 1971 | rBV  | 181456  | 256290  | 9.31%   | 0.610% |
| 55 | 13.194 | 1971 | 1975 | 1977 | rVV2 | 266058  | 356469  | 12.94%  | 0.848% |
| 56 | 13.225 | 1977 | 1980 | 1989 | rVB  | 551910  | 715370  | 25.97%  | 1.703% |
| 57 | 13.310 | 1989 | 1994 | 1996 | rBV2 | 88081   | 124199  | 4.51%   | 0.296% |
| 58 | 13.347 | 1996 | 2000 | 2006 | rVV2 | 1585627 | 2127923 | 77.26%  | 5.064% |
| 59 | 13.402 | 2006 | 2009 | 2011 | rVV2 | 118955  | 169781  | 6.16%   | 0.404% |
| 60 | 13.420 | 2011 | 2012 | 2016 | rVV  | 134514  | 154308  | 5.60%   | 0.367% |
| 61 | 13.481 | 2018 | 2022 | 2028 | rVB  | 163123  | 218988  | 7.95%   | 0.521% |
| 62 | 13.560 | 2030 | 2035 | 2038 | rBV  | 146566  | 201970  | 7.33%   | 0.481% |
| 63 | 13.597 | 2038 | 2041 | 2044 | rVV  | 227621  | 314030  | 11.40%  | 0.747% |
| 64 | 13.639 | 2044 | 2048 | 2052 | rVV2 | 461982  | 678013  | 24.62%  | 1.614% |
| 65 | 13.694 | 2052 | 2057 | 2059 | rVV3 | 264710  | 481718  | 17.49%  | 1.146% |
| 66 | 13.719 | 2059 | 2061 | 2070 | rVB2 | 426987  | 578882  | 21.02%  | 1.378% |
| 67 | 13.804 | 2070 | 2075 | 2079 | rBV  | 107136  | 151115  | 5.49%   | 0.360% |
| 68 | 13.853 | 2079 | 2083 | 2088 | rVB3 | 98409   | 131518  | 4.78%   | 0.313% |
| 69 | 13.908 | 2088 | 2092 | 2097 | rVB  | 467612  | 577473  | 20.97%  | 1.374% |
| 70 | 13.981 | 2097 | 2104 | 2108 | rBV2 | 382409  | 577694  | 20.97%  | 1.375% |
| 71 | 14.029 | 2108 | 2112 | 2115 | rVV  | 123330  | 160037  | 5.81%   | 0.381% |

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## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 72 | 14.060 | 2115 | 2117 | 2121 | rVB  | 29851   | 33989   | 1.23%  | 0.081% |
| 73 | 14.127 | 2124 | 2128 | 2131 | rBV2 | 124499  | 168632  | 6.12%  | 0.401% |
| 74 | 14.164 | 2131 | 2134 | 2140 | rVB3 | 65937   | 76969   | 2.79%  | 0.183% |
| 75 | 14.273 | 2146 | 2152 | 2161 | rVB2 | 320303  | 563033  | 20.44% | 1.340% |
| 76 | 14.377 | 2165 | 2169 | 2173 | rVV  | 141790  | 166346  | 6.04%  | 0.396% |
| 77 | 14.426 | 2173 | 2177 | 2182 | rVB  | 155907  | 207809  | 7.54%  | 0.495% |
| 78 | 14.475 | 2182 | 2185 | 2190 | rVB  | 63892   | 82932   | 3.01%  | 0.197% |
| 79 | 14.535 | 2190 | 2195 | 2200 | rBV2 | 756962  | 979952  | 35.58% | 2.332% |
| 80 | 14.670 | 2208 | 2217 | 2223 | rBV4 | 147087  | 303992  | 11.04% | 0.723% |
| 81 | 14.731 | 2223 | 2227 | 2231 | rVV  | 135974  | 169905  | 6.17%  | 0.404% |
| 82 | 14.779 | 2231 | 2235 | 2239 | rVV3 | 34984   | 47036   | 1.71%  | 0.112% |
| 83 | 14.840 | 2239 | 2245 | 2249 | rVV  | 1267450 | 1735316 | 63.00% | 4.130% |
| 84 | 14.901 | 2253 | 2255 | 2260 | rVB2 | 73075   | 94535   | 3.43%  | 0.225% |
| 85 | 14.962 | 2260 | 2265 | 2272 | rBV4 | 38012   | 90342   | 3.28%  | 0.215% |
| 86 | 15.115 | 2285 | 2290 | 2298 | rVB2 | 19952   | 34981   | 1.27%  | 0.083% |
| 87 | 15.249 | 2306 | 2312 | 2319 | rVB  | 100213  | 176435  | 6.41%  | 0.420% |
| 88 | 15.322 | 2319 | 2324 | 2329 | rVB2 | 24455   | 36919   | 1.34%  | 0.088% |
| 89 | 15.444 | 2338 | 2344 | 2347 | rBV  | 74321   | 115930  | 4.21%  | 0.276% |
| 90 | 15.474 | 2347 | 2349 | 2354 | rVV  | 74117   | 93225   | 3.38%  | 0.222% |
| 91 | 15.547 | 2354 | 2361 | 2366 | rVV  | 402609  | 621733  | 22.57% | 1.480% |
| 92 | 15.596 | 2366 | 2369 | 2374 | rVV5 | 27492   | 46786   | 1.70%  | 0.111% |
| 93 | 15.688 | 2375 | 2384 | 2387 | rVV  | 455315  | 741931  | 26.94% | 1.766% |
| 94 | 15.724 | 2387 | 2390 | 2397 | rVB  | 158681  | 229878  | 8.35%  | 0.547% |
| 95 | 15.804 | 2397 | 2403 | 2410 | rBV2 | 23490   | 47644   | 1.73%  | 0.113% |
| 96 | 15.913 | 2410 | 2421 | 2432 | rBV  | 137646  | 371142  | 13.48% | 0.883% |
| 97 | 16.066 | 2439 | 2446 | 2456 | rVB  | 54159   | 92951   | 3.37%  | 0.221% |
| 98 | 16.279 | 2471 | 2481 | 2486 | rBV4 | 14470   | 33314   | 1.21%  | 0.079% |
| 99 | 16.688 | 2534 | 2548 | 2554 | rBV6 | 11706   | 32359   | 1.17%  | 0.077% |

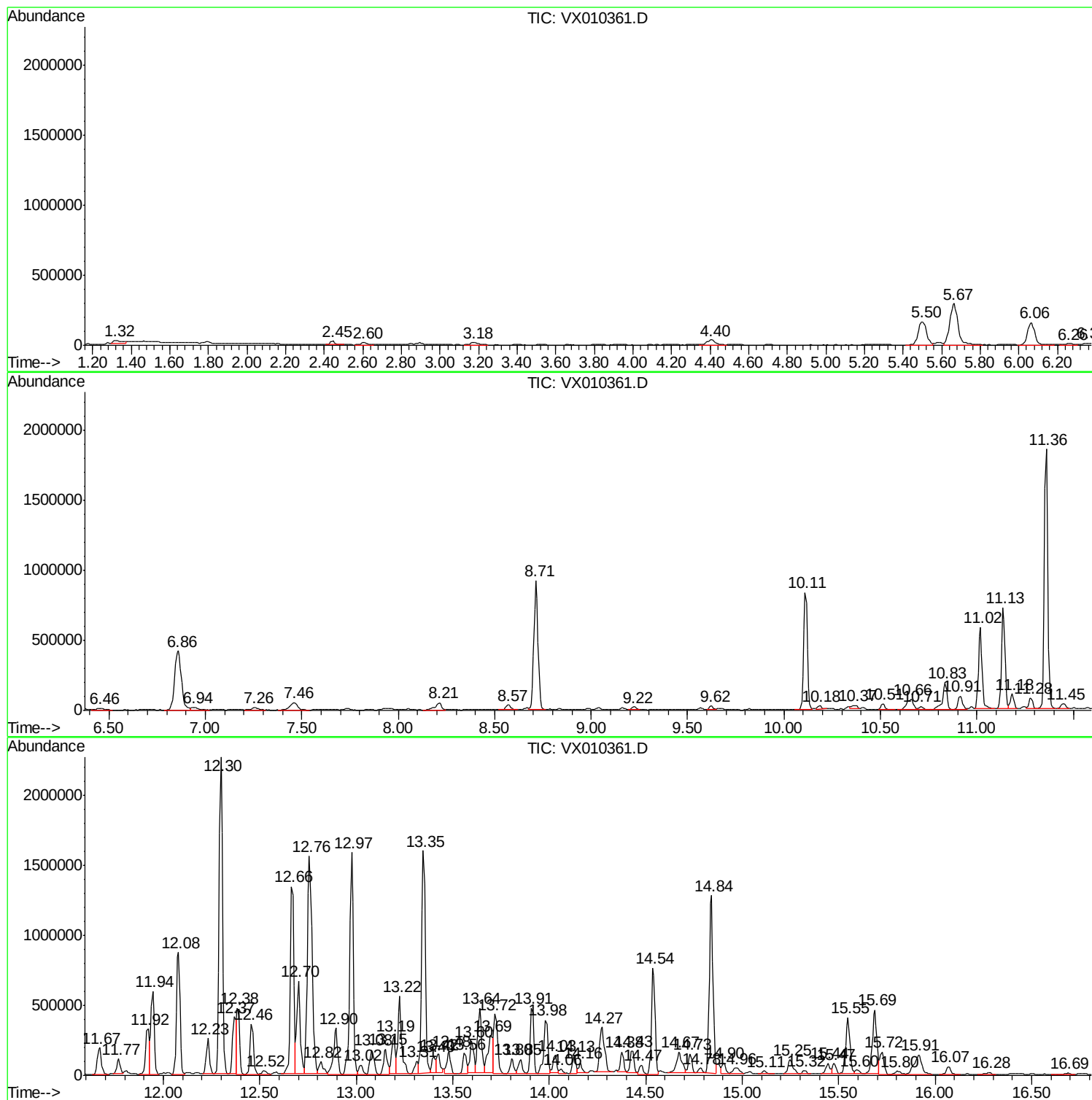
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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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



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Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

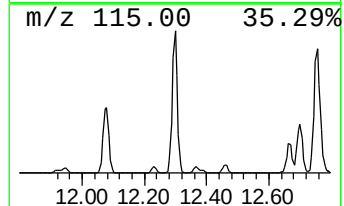
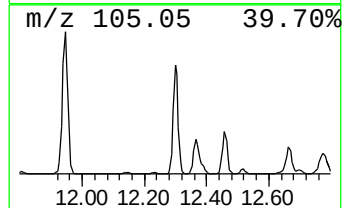
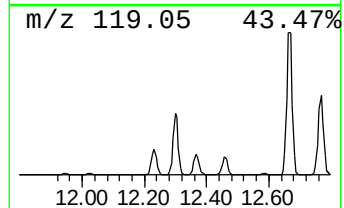
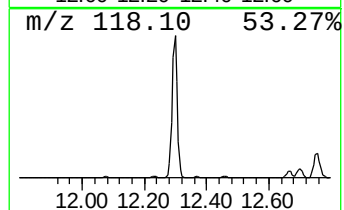
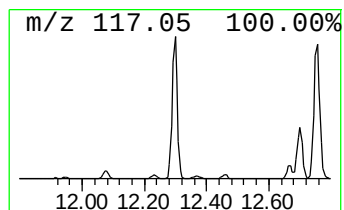
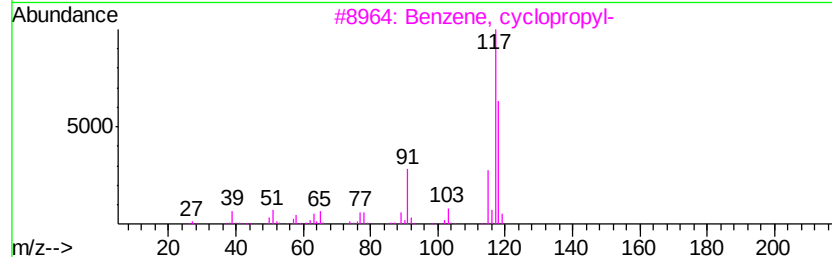
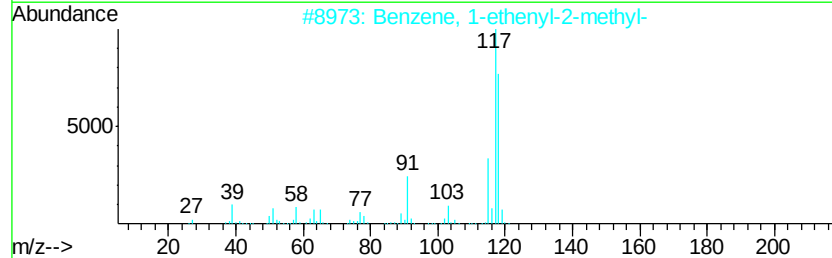
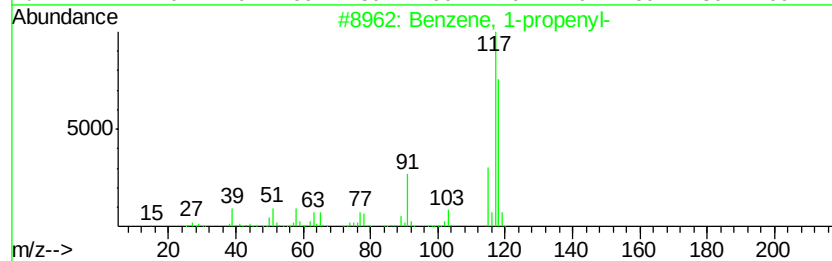
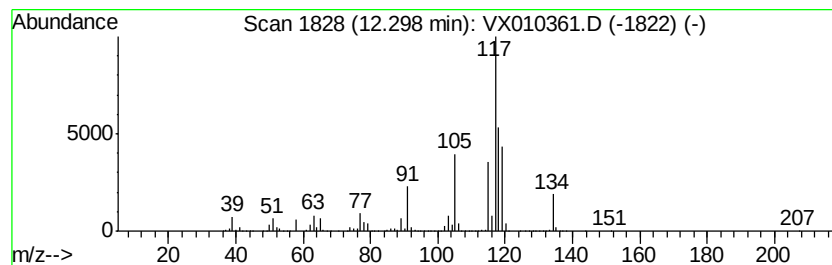
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Benzene, 1-propenyl- Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 12.30 | 122.35 ug/l | 2754280 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-propenyl-         | 118 | C9H10   | 000637-50-3 | 91   |
| 2    |    | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 90   |
| 3    |    | Benzene, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 60   |
| 4    |    | Benzene, 2-propenyl-         | 118 | C9H10   | 000300-57-2 | 60   |
| 5    |    | Indane                       | 118 | C9H10   | 000496-11-7 | 60   |



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ALS Vial : 12 Sample Multiplier: 1

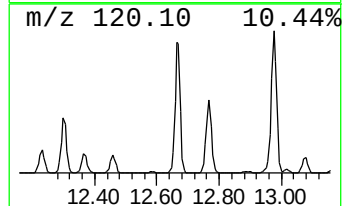
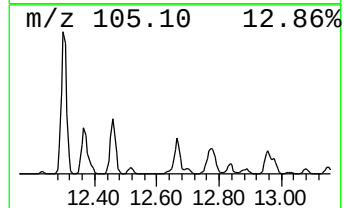
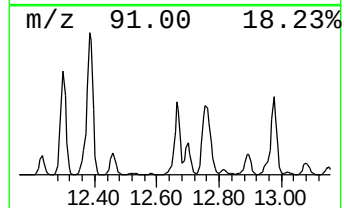
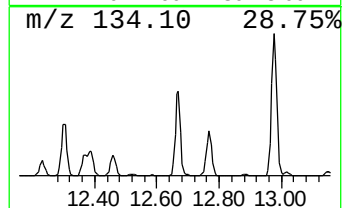
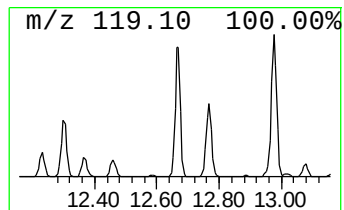
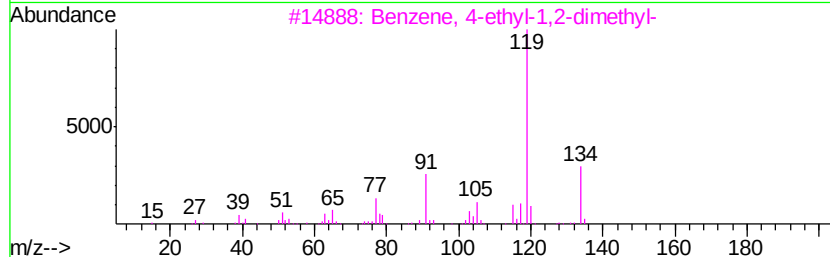
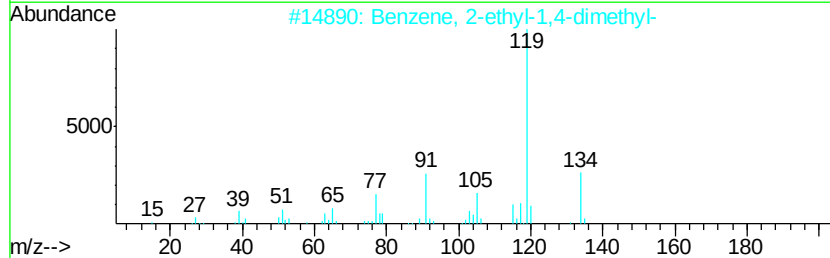
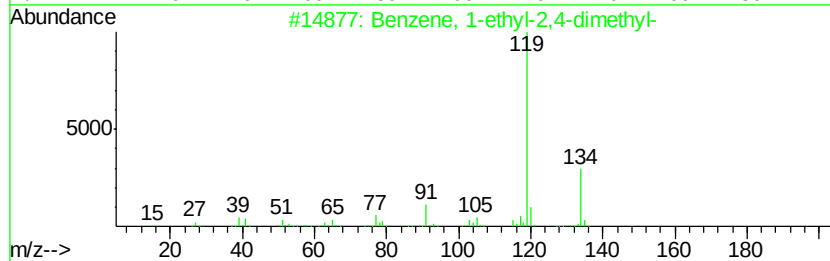
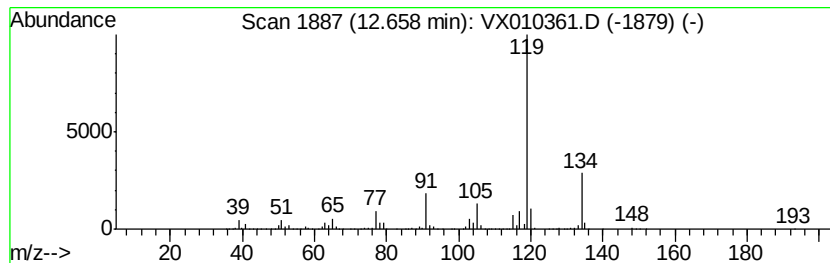
Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

| R.T.    | EstConc    | Area                           | Relative to ISTD       | R.T.           |
|---------|------------|--------------------------------|------------------------|----------------|
| 12.66   | 74.51 ug/l | 1677440                        | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5          | Tentative ID                   | MW MolForm             | CAS# Qual      |
| 1       |            | Benzene, 1-ethyl-2,4-dimethyl- | 134 C10H14             | 000874-41-9 97 |
| 2       |            | Benzene, 2-ethyl-1,4-dimethyl- | 134 C10H14             | 001758-88-9 96 |
| 3       |            | Benzene, 4-ethyl-1,2-dimethyl- | 134 C10H14             | 000934-80-5 96 |
| 4       |            | Benzene, 2-ethyl-1,3-dimethyl- | 134 C10H14             | 002870-04-4 95 |
| 5       |            | Benzene, 1-ethyl-2,3-dimethyl- | 134 C10H14             | 000933-98-2 95 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062019\  
Data File : VX010361.D  
Acq On : 20 Jun 2019 16:48  
Operator : JC/SP  
Sample : K3469-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

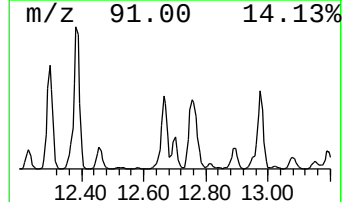
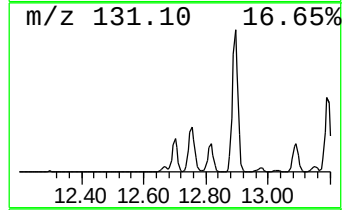
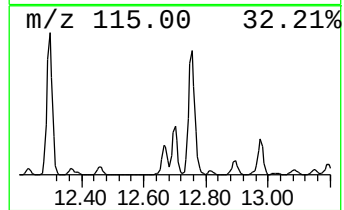
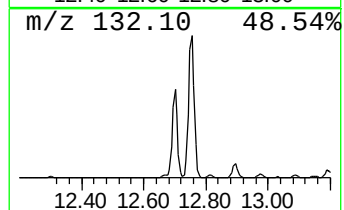
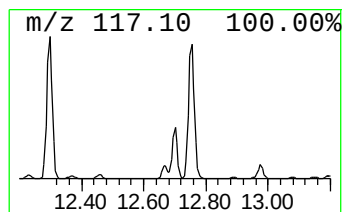
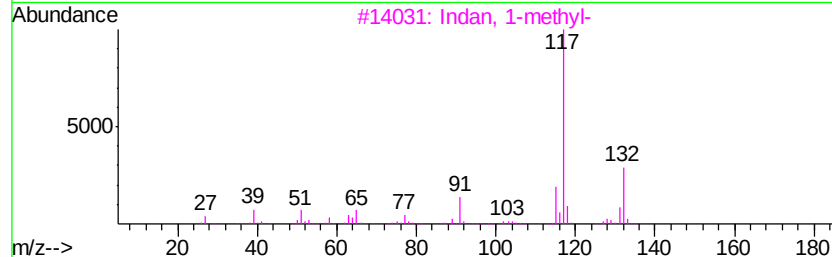
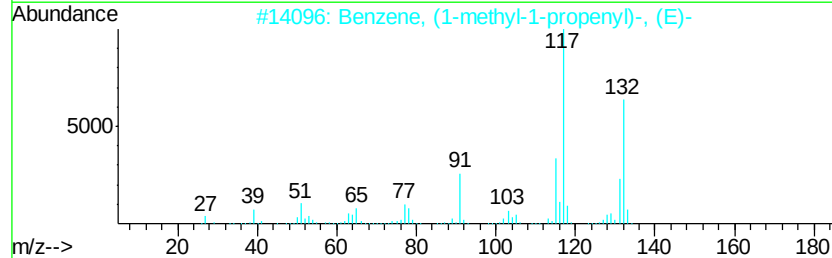
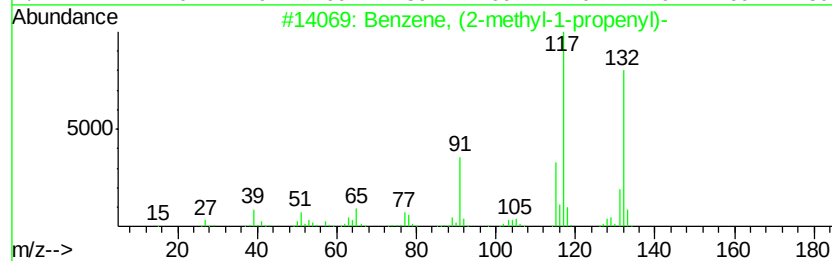
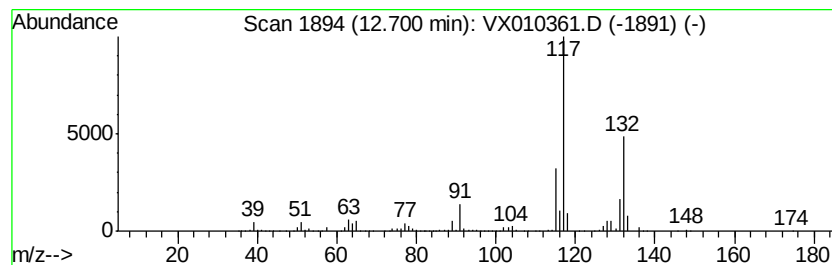
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Benzene, (2-methyl-1-propen... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 12.70 | 38.15 ug/l | 858894 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, (2-methyl-1-propenyl)-      | 132 | C10H12  | 000768-49-0 | 91   |
| 2    |    | Benzene, (1-methyl-1-propenyl)-, ... | 132 | C10H12  | 000768-00-3 | 90   |
| 3    |    | Indan, 1-methyl-                     | 132 | C10H12  | 000767-58-8 | 90   |
| 4    |    | Benzene, (2-methyl-2-propenyl)-      | 132 | C10H12  | 003290-53-7 | 90   |
| 5    |    | Benzene, 1-methyl-2-(2-propenyl)-    | 132 | C10H12  | 001587-04-8 | 90   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062019\  
Data File : VX010361.D  
Acq On : 20 Jun 2019 16:48  
Operator : JC/SP  
Sample : K3469-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

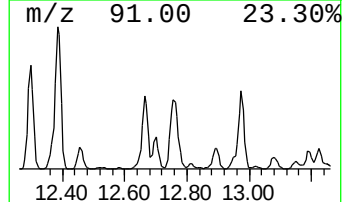
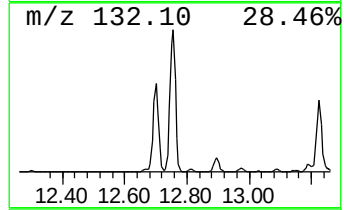
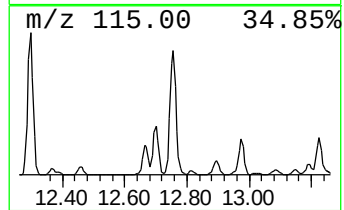
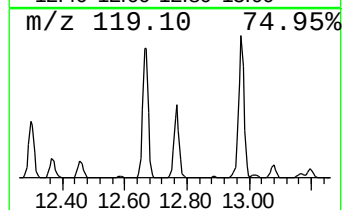
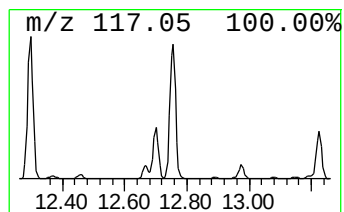
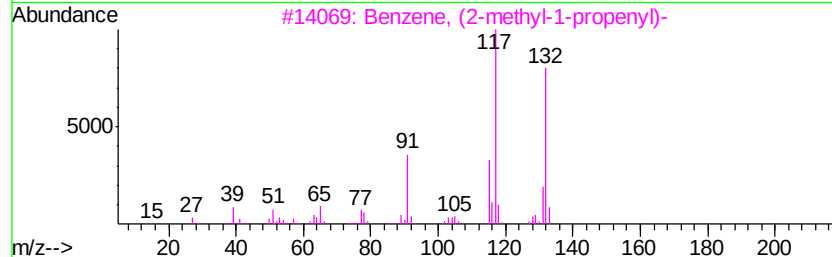
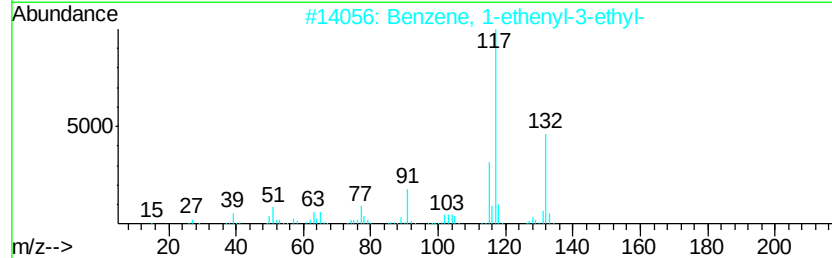
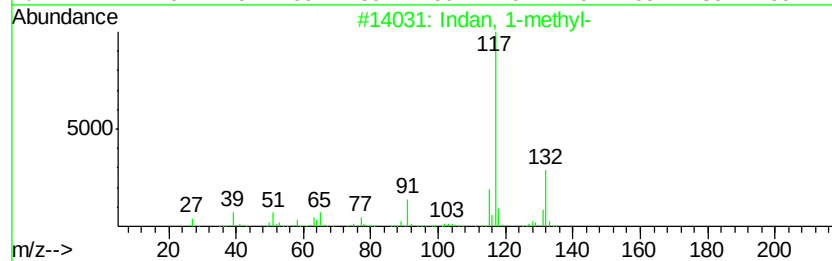
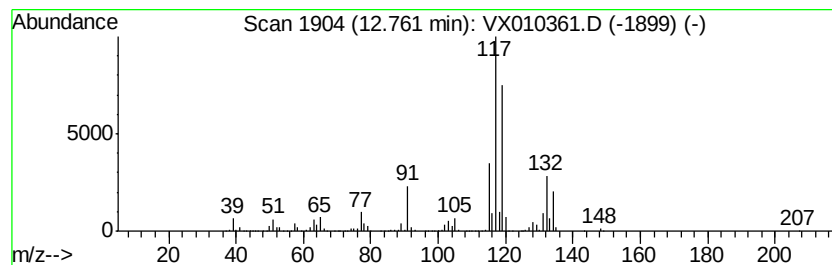
Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Indan, 1-methyl- Concentration Rank 2

| R.T.    | EstConc                           | Area         | Relative to ISTD       | R.T.      |
|---------|-----------------------------------|--------------|------------------------|-----------|
| 12.76   | 117.60 ug/l                       | 2647340      | 1,4-Dichlorobenzene-d4 | 12.08     |
| Hit# of | 5                                 | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Indan, 1-methyl-                  | 132 C10H12   | 000767-58-8            | 93        |
| 2       | Benzene, 1-ethenyl-3-ethyl-       | 132 C10H12   | 007525-62-4            | 81        |
| 3       | Benzene, (2-methyl-1-propenyl)-   | 132 C10H12   | 000768-49-0            | 81        |
| 4       | Benzene, 1-methyl-2-(2-propenyl)- | 132 C10H12   | 001587-04-8            | 81        |
| 5       | Benzene, (2-methyl-2-propenyl)-   | 132 C10H12   | 003290-53-7            | 80        |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062019\  
Data File : VX010361.D  
Acq On : 20 Jun 2019 16:48  
Operator : JC/SP  
Sample : K3469-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

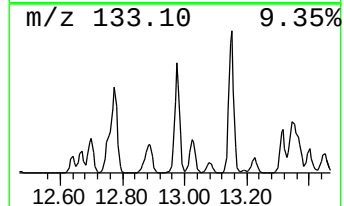
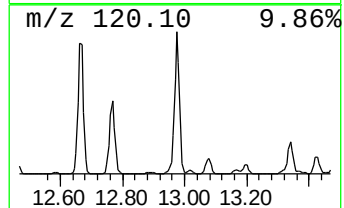
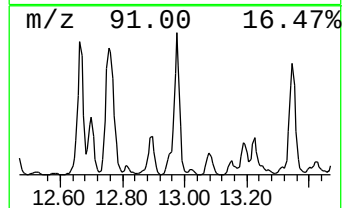
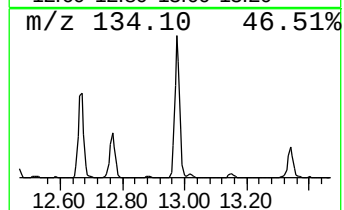
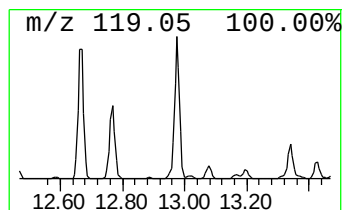
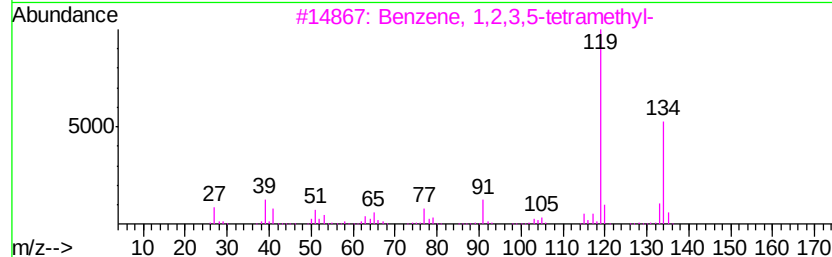
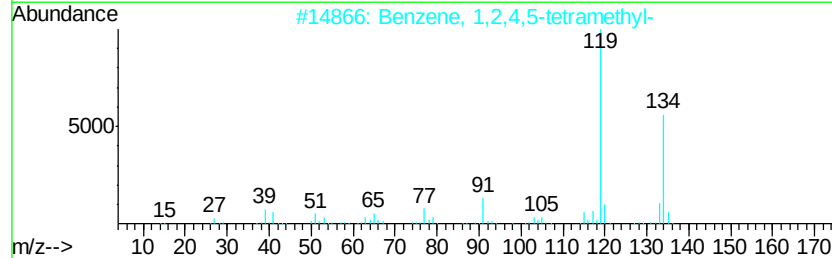
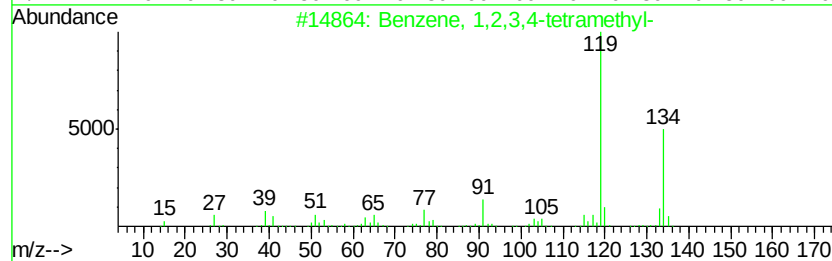
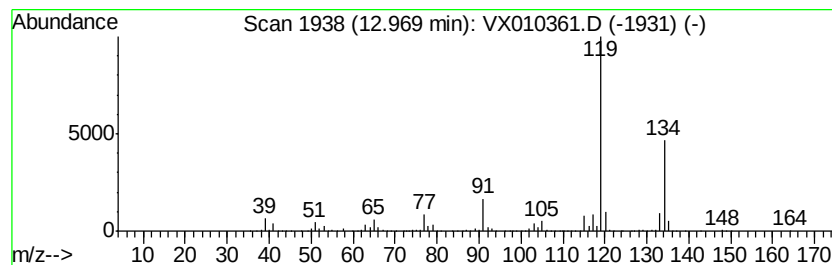
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 12.97 | 89.64 ug/l | 2017910 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 97   |
| 2    |    | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 3    |    | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 97   |
| 4    |    | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\  
Data File : VX010361.D  
Acq On : 20 Jun 2019 16:48  
Operator : JC/SP  
Sample : K3469-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

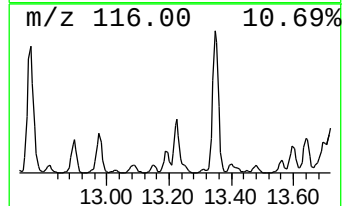
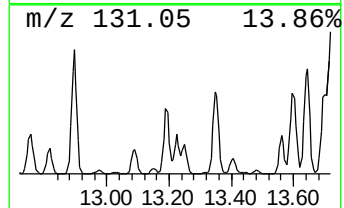
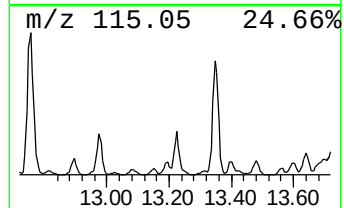
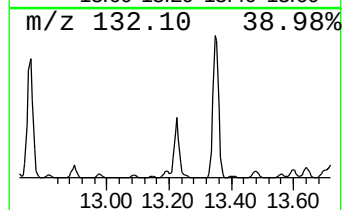
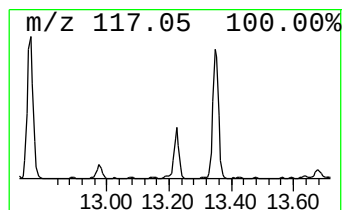
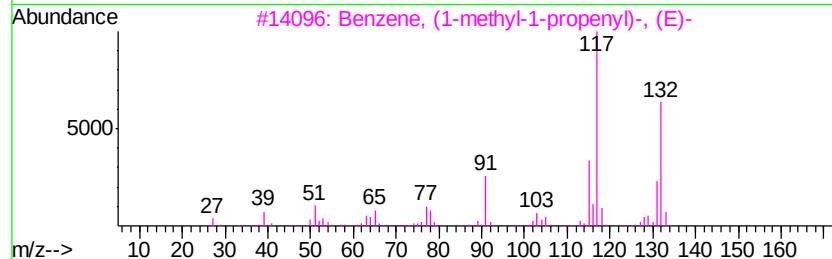
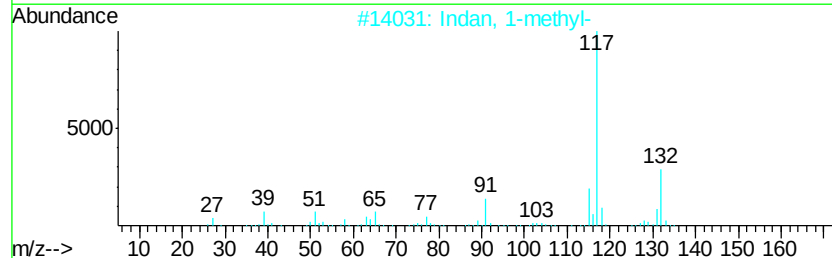
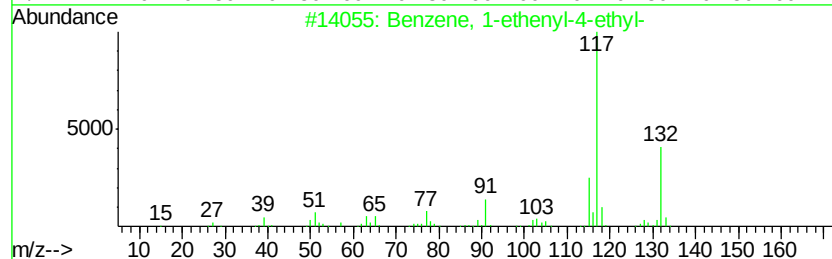
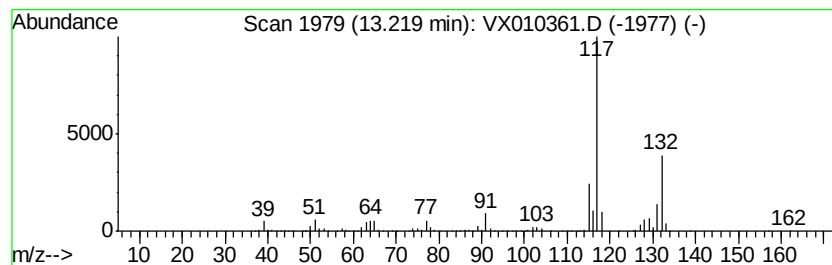
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 13.22 | 31.78 ug/l | 715370 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethenyl-4-ethyl-         | 132 | C10H12  | 003454-07-7 | 90   |
| 2    |    | Indan, 1-methyl-                    | 132 | C10H12  | 000767-58-8 | 90   |
| 3    |    | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 90   |
| 4    |    | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000767-99-7 | 87   |
| 5    |    | Benzene, 1-methyl-2-(2-propenyl)-   | 132 | C10H12  | 001587-04-8 | 87   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062019\  
Data File : VX010361.D  
Acq On : 20 Jun 2019 16:48  
Operator : JC/SP  
Sample : K3469-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

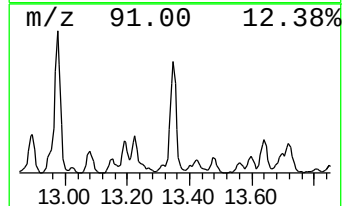
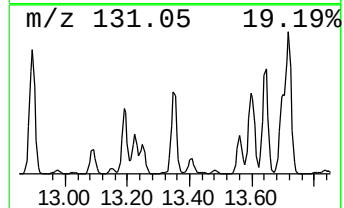
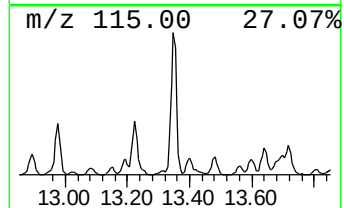
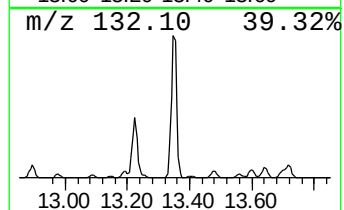
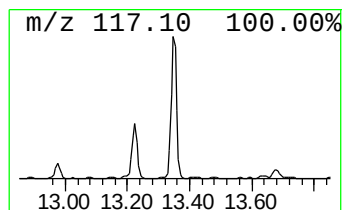
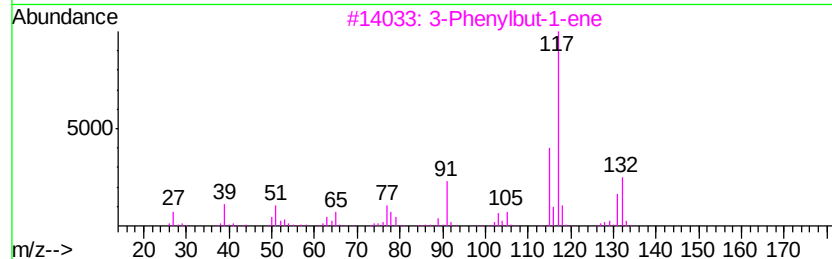
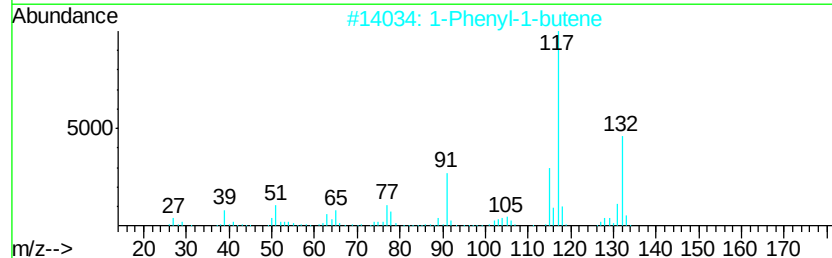
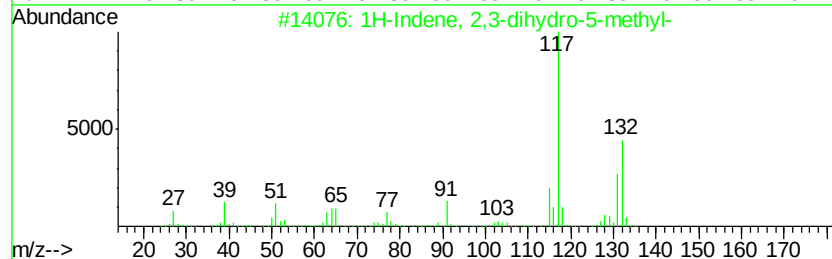
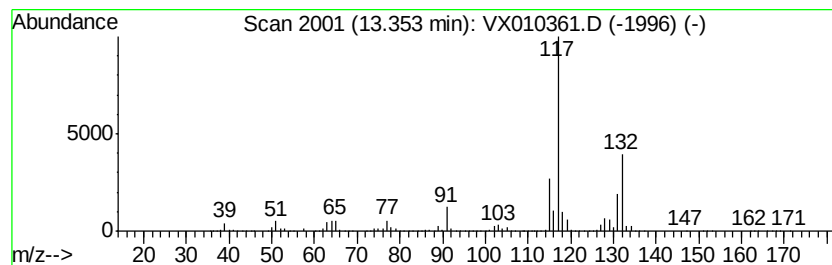
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 13.35 | 94.52 ug/l | 2127920 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 90   |
| 2    |    | 1-Phenyl-1-butene                | 132 | C10H12  | 000824-90-8 | 87   |
| 3    |    | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 87   |
| 4    |    | Benzene, 1-ethenyl-3-ethyl-      | 132 | C10H12  | 007525-62-4 | 83   |
| 5    |    | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 81   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062019\  
Data File : VX010361.D  
Acq On : 20 Jun 2019 16:48  
Operator : JC/SP  
Sample : K3469-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

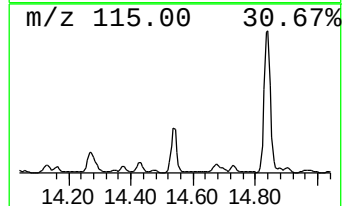
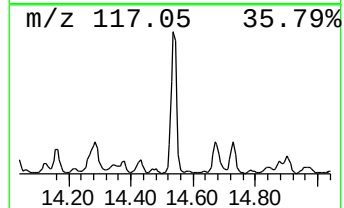
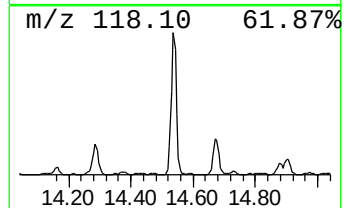
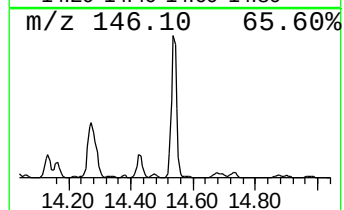
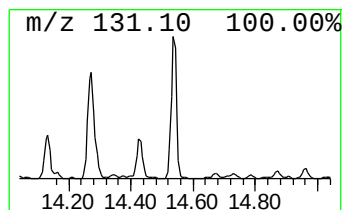
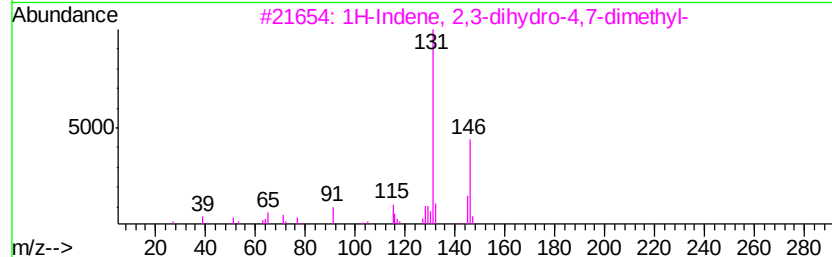
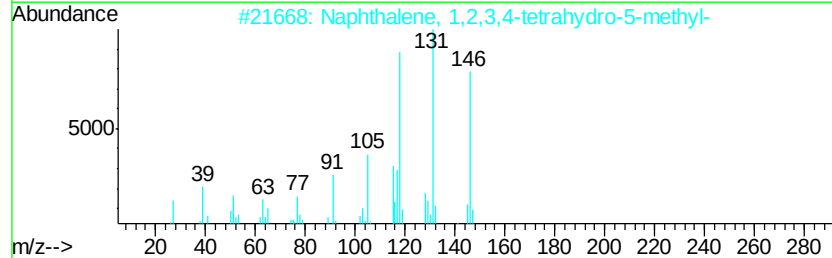
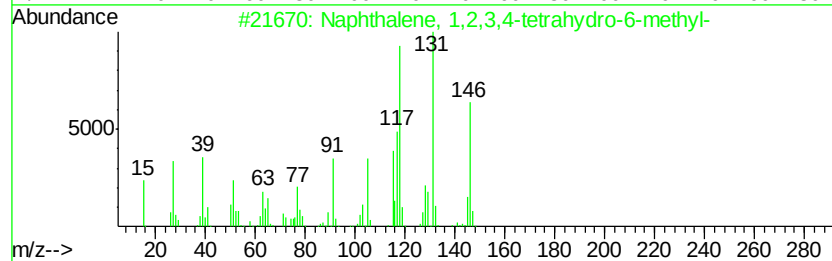
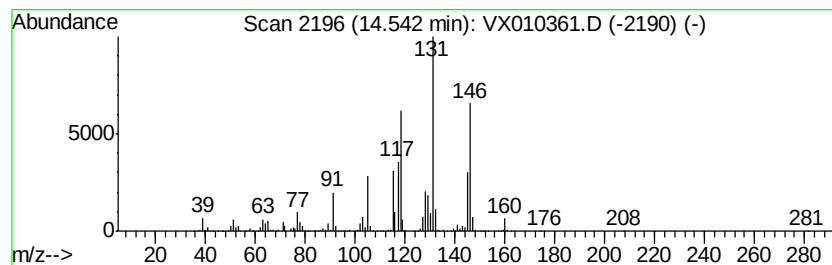
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.54 | 43.53 ug/l | 979952 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9 | 97   |
| 2    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5 | 96   |
| 3    |    | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 89   |
| 4    |    | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 76   |
| 5    |    | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14  | 000769-57-3 | 70   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062019\  
Data File : VX010361.D  
Acq On : 20 Jun 2019 16:48  
Operator : JC/SP  
Sample : K3469-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

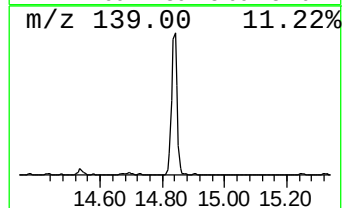
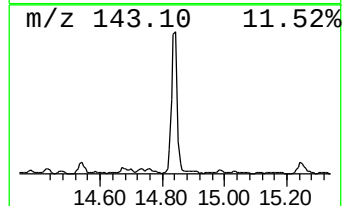
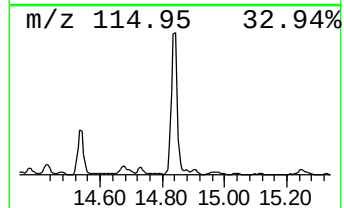
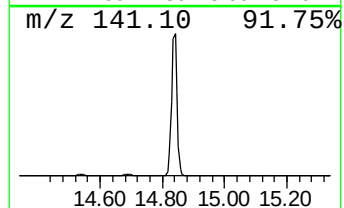
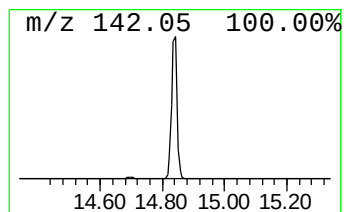
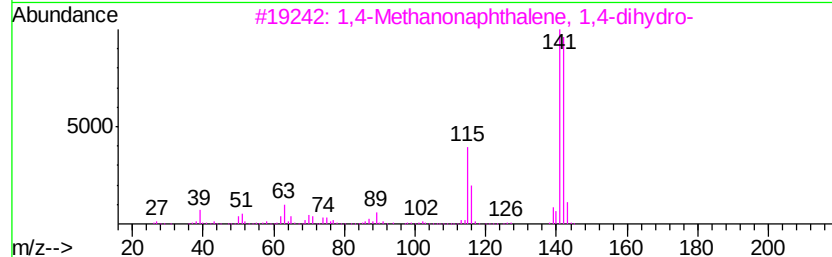
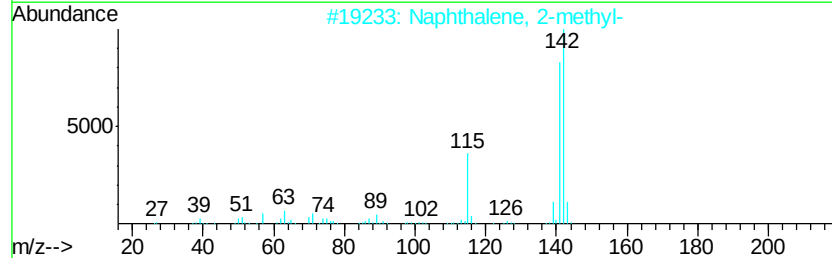
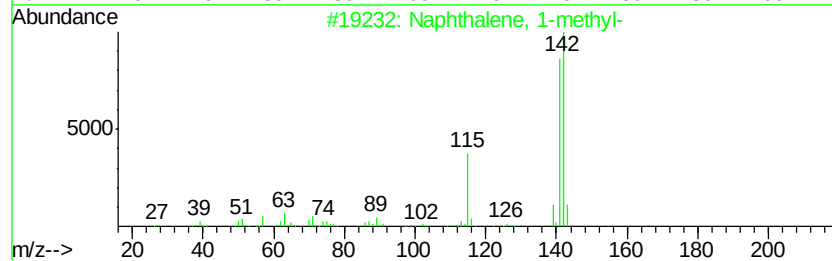
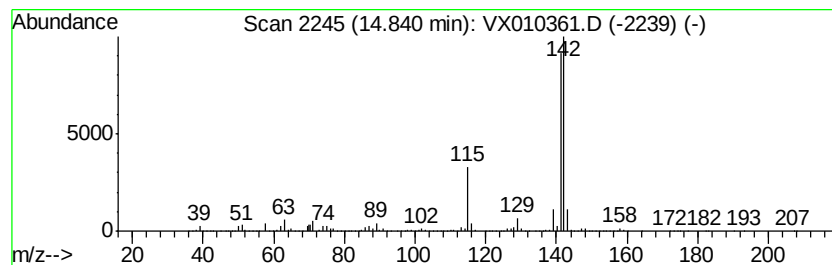
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 14.84 | 77.08 ug/l | 1735320 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 2    |    | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 3    |    | 1,4-Methanonaphthalene, 1,4-dihv... | 142 | C11H10  | 004453-90-1 | 91   |
| 4    |    | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 5    |    | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10  | 002443-46-1 | 87   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062019\  
Data File : VX010361.D  
Acq On : 20 Jun 2019 16:48  
Operator : JC/SP  
Sample : K3469-09  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

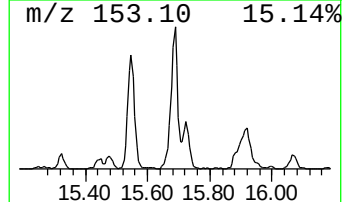
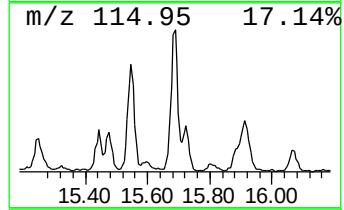
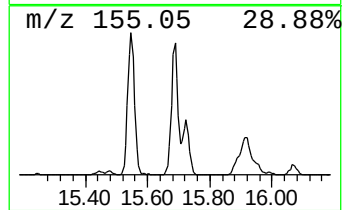
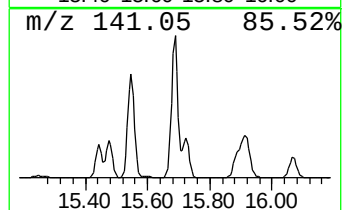
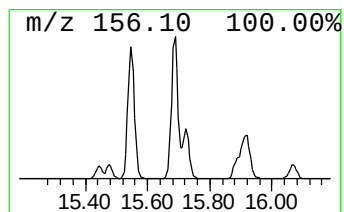
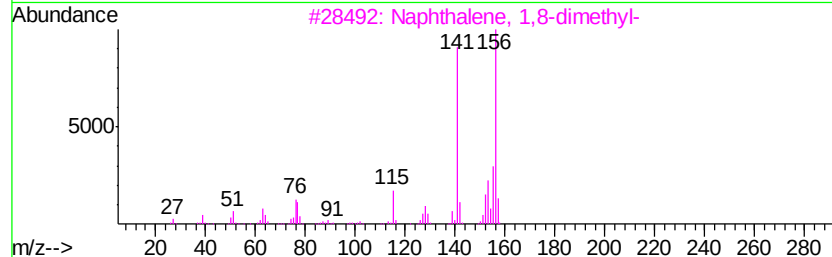
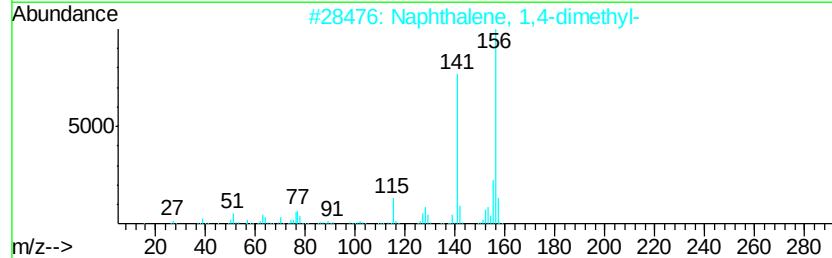
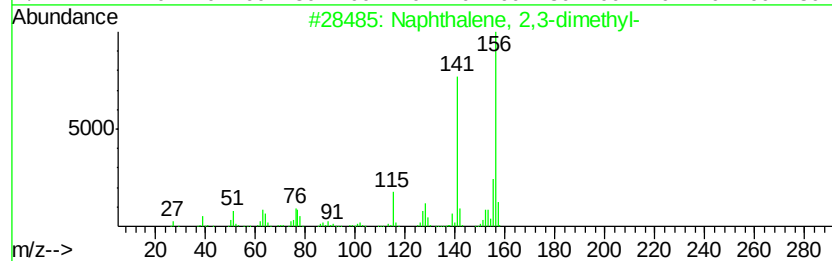
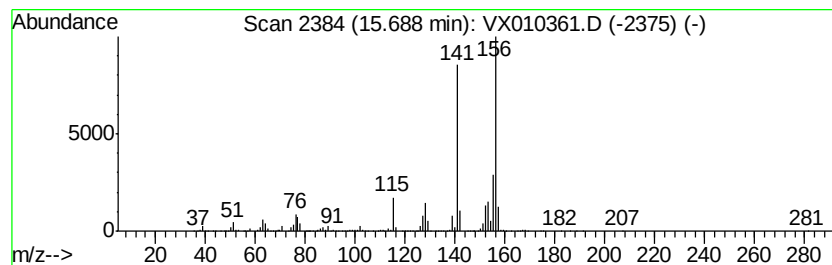
Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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

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Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 9

| R.T.    | EstConc    | Area                       | Relative to ISTD       | R.T.           |
|---------|------------|----------------------------|------------------------|----------------|
| 15.69   | 32.96 ug/l | 741931                     | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5          | Tentative ID               | MW MolForm             | CAS# Qual      |
| 1       |            | Naphthalene, 2,3-dimethyl- | 156 C12H12             | 000581-40-8 97 |
| 2       |            | Naphthalene, 1,4-dimethyl- | 156 C12H12             | 000571-58-4 97 |
| 3       |            | Naphthalene, 1,8-dimethyl- | 156 C12H12             | 000569-41-5 96 |
| 4       |            | Naphthalene, 1,2-dimethyl- | 156 C12H12             | 000573-98-8 96 |
| 5       |            | Naphthalene, 1,3-dimethyl- | 156 C12H12             | 000575-41-7 96 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX062019\  
Data File : VX010361.D  
Acq On : 20 Jun 2019 16:48  
Operator : JC/SP  
Sample : K3469-09  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-3-9.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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-propenyl- | 12.30 | 122.3   | ug/l  | 2754280  | 4                     | 12.08 | 1125620 | 50.0 |
| Benzene, 1-ethyl-... | 12.66 | 74.5    | ug/l  | 1677440  | 4                     | 12.08 | 1125620 | 50.0 |
| Benzene, (2-methy... | 12.70 | 38.1    | ug/l  | 858894   | 4                     | 12.08 | 1125620 | 50.0 |
| Indan, 1-methyl-     | 12.76 | 117.6   | ug/l  | 2647340  | 4                     | 12.08 | 1125620 | 50.0 |
| Benzene, 1,2,3,4-... | 12.97 | 89.6    | ug/l  | 2017910  | 4                     | 12.08 | 1125620 | 50.0 |
| Benzene, 1-etheny... | 13.22 | 31.8    | ug/l  | 715370   | 4                     | 12.08 | 1125620 | 50.0 |
| 1H-Indene, 2,3-di... | 13.35 | 94.5    | ug/l  | 2127920  | 4                     | 12.08 | 1125620 | 50.0 |
| Naphthalene, 1,2,... | 14.54 | 43.5    | ug/l  | 979952   | 4                     | 12.08 | 1125620 | 50.0 |
| Naphthalene, 1-me... | 14.84 | 77.1    | ug/l  | 1735320  | 4                     | 12.08 | 1125620 | 50.0 |
| Naphthalene, 2,3-... | 15.69 | 33.0    | ug/l  | 741931   | 4                     | 12.08 | 1125620 | 50.0 |