

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\  
 Data File : VW008509.D  
 Acq On : 04 Feb 2019 18:36  
 Operator : SY/VA  
 Sample : K1299-07  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 0040-AMND-COMP-3

## 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\_W\METHOD\82W012419S.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         | 4.196       | 369           | 376         | 388          | rVB      | 51004          | 134259        | 1.16%           | 0.241%        |
| 2         | 4.373       | 395           | 405         | 423          | rVB      | 133796         | 454766        | 3.93%           | 0.818%        |
| 3         | 7.884       | 971           | 981         | 985          | rBV      | 207445         | 492897        | 4.26%           | 0.887%        |
| 4         | 7.945       | 985           | 991         | 1001         | rVB      | 454675         | 974842        | 8.43%           | 1.753%        |
| 5         | 8.305       | 1041          | 1050        | 1060         | rVB      | 260105         | 580681        | 5.02%           | 1.044%        |
| 6         | 8.841       | 1129          | 1138        | 1147         | rBV      | 645943         | 1277970       | 11.05%          | 2.299%        |
| 7         | 9.335       | 1204          | 1219        | 1225         | rBV2     | 46005          | 124811        | 1.08%           | 0.225%        |
| 8         | 10.323      | 1373          | 1381        | 1397         | rBV      | 1076825        | 1975800       | 17.08%          | 3.554%        |
| 9         | 10.939      | 1472          | 1482        | 1488         | rBV      | 83718          | 155504        | 1.34%           | 0.280%        |
| 10        | 11.231      | 1525          | 1530        | 1535         | rVB      | 169289         | 294683        | 2.55%           | 0.530%        |
| 11        | 11.341      | 1542          | 1548        | 1552         | rBV2     | 114078         | 189826        | 1.64%           | 0.341%        |
| 12        | 11.432      | 1559          | 1563        | 1571         | rVB      | 106664         | 193598        | 1.67%           | 0.348%        |
| 13        | 11.628      | 1588          | 1595        | 1606         | rBV      | 922947         | 1614151       | 13.95%          | 2.903%        |
| 14        | 11.731      | 1606          | 1612        | 1616         | rBV      | 185407         | 305355        | 2.64%           | 0.549%        |
| 15        | 11.835      | 1621          | 1629        | 1632         | rBV2     | 200084         | 417251        | 3.61%           | 0.751%        |
| 16        | 11.871      | 1632          | 1635        | 1639         | rVB      | 98873          | 144428        | 1.25%           | 0.260%        |
| 17        | 12.140      | 1671          | 1679        | 1680         | rBV2     | 215859         | 385503        | 3.33%           | 0.693%        |
| 18        | 12.164      | 1681          | 1683        | 1690         | rVV      | 259080         | 429838        | 3.72%           | 0.773%        |
| 19        | 12.255      | 1690          | 1698        | 1702         | rVB      | 252873         | 470184        | 4.06%           | 0.846%        |
| 20        | 12.365      | 1702          | 1716        | 1723         | rBV4     | 356210         | 1291170       | 11.16%          | 2.322%        |
| 21        | 12.463      | 1726          | 1732        | 1736         | rVV2     | 231705         | 543118        | 4.70%           | 0.977%        |
| 22        | 12.505      | 1736          | 1739        | 1747         | rVB3     | 150131         | 292524        | 2.53%           | 0.526%        |
| 23        | 12.621      | 1752          | 1758        | 1763         | rBV      | 853280         | 1387258       | 11.99%          | 2.495%        |
| 24        | 12.707      | 1764          | 1772        | 1775         | rBV7     | 96934          | 236797        | 2.05%           | 0.426%        |
| 25        | 12.780      | 1780          | 1784        | 1791         | rVB3     | 313162         | 574812        | 4.97%           | 1.034%        |
| 26        | 12.865      | 1791          | 1798        | 1802         | rBV2     | 629390         | 1182787       | 10.23%          | 2.128%        |
| 27        | 12.944      | 1802          | 1811        | 1816         | rVB3     | 517104         | 1051999       | 9.09%           | 1.892%        |
| 28        | 13.109      | 1830          | 1838        | 1844         | rBV4     | 207441         | 634289        | 5.48%           | 1.141%        |
| 29        | 13.170      | 1844          | 1848        | 1856         | rVV6     | 172237         | 335587        | 2.90%           | 0.604%        |
| 30        | 13.255      | 1856          | 1862        | 1866         | rVV      | 618197         | 1010021       | 8.73%           | 1.817%        |
| 31        | 13.298      | 1866          | 1869        | 1872         | rVV3     | 119133         | 178166        | 1.54%           | 0.320%        |
| 32        | 13.347      | 1874          | 1877        | 1880         | rVV      | 108379         | 166806        | 1.44%           | 0.300%        |
| 33        | 13.377      | 1880          | 1882        | 1886         | rVV3     | 89509          | 129324        | 1.12%           | 0.233%        |
| 34        | 13.450      | 1886          | 1894        | 1906         | rVV6     | 443160         | 1662649       | 14.37%          | 2.991%        |

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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0040-AMND-COMP-3

## 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\_W\METHOD\82W012419S.M  
Title : SW846 8260

|    |        |      |      |      |       |         |          |         |         |
|----|--------|------|------|------|-------|---------|----------|---------|---------|
| 35 | 13.560 | 1906 | 1912 | 1921 | rVB2  | 969037  | 1935527  | 16.73%  | 3.481%  |
| 36 | 13.700 | 1930 | 1935 | 1941 | rBV4  | 158845  | 447924   | 3.87%   | 0.806%  |
| 37 | 13.761 | 1941 | 1945 | 1947 | rVV   | 288782  | 438524   | 3.79%   | 0.789%  |
| 38 | 13.792 | 1947 | 1950 | 1958 | rVB2  | 287861  | 457295   | 3.95%   | 0.823%  |
| 39 | 13.883 | 1959 | 1965 | 1969 | rBV2  | 394794  | 719859   | 6.22%   | 1.295%  |
| 40 | 13.938 | 1969 | 1974 | 1978 | rBV2  | 308154  | 536339   | 4.64%   | 0.965%  |
| 41 | 14.017 | 1984 | 1987 | 1989 | rBV   | 97508   | 121262   | 1.05%   | 0.218%  |
| 42 | 14.097 | 1997 | 2000 | 2011 | rVB   | 451129  | 874192   | 7.56%   | 1.572%  |
| 43 | 14.212 | 2013 | 2019 | 2023 | rBV2  | 317343  | 590090   | 5.10%   | 1.061%  |
| 44 | 14.340 | 2034 | 2040 | 2043 | rBV5  | 97779   | 218884   | 1.89%   | 0.394%  |
| 45 | 14.389 | 2043 | 2048 | 2052 | rVV2  | 386507  | 687941   | 5.95%   | 1.237%  |
| 46 | 14.462 | 2056 | 2060 | 2063 | rVB   | 223571  | 321068   | 2.78%   | 0.578%  |
| 47 | 14.554 | 2070 | 2075 | 2081 | rVV7  | 252645  | 462792   | 4.00%   | 0.832%  |
| 48 | 14.694 | 2094 | 2098 | 2102 | rVB   | 111384  | 151156   | 1.31%   | 0.272%  |
| 49 | 14.804 | 2110 | 2116 | 2121 | rBV3  | 391003  | 869826   | 7.52%   | 1.565%  |
| 50 | 14.871 | 2121 | 2127 | 2134 | rVB4  | 285307  | 703489   | 6.08%   | 1.265%  |
| 51 | 14.962 | 2136 | 2142 | 2148 | rVV   | 494304  | 877814   | 7.59%   | 1.579%  |
| 52 | 15.066 | 2154 | 2159 | 2165 | rVB5  | 232184  | 437789   | 3.78%   | 0.787%  |
| 53 | 15.182 | 2173 | 2178 | 2186 | rBV6  | 106936  | 242055   | 2.09%   | 0.435%  |
| 54 | 15.371 | 2199 | 2209 | 2219 | rBV   | 6324560 | 11566976 | 100.00% | 20.806% |
| 55 | 15.584 | 2239 | 2244 | 2249 | rVB8  | 73904   | 176772   | 1.53%   | 0.318%  |
| 56 | 15.663 | 2250 | 2257 | 2265 | rVV10 | 95404   | 359014   | 3.10%   | 0.646%  |
| 57 | 15.743 | 2266 | 2270 | 2277 | rVB5  | 173120  | 373360   | 3.23%   | 0.672%  |
| 58 | 16.297 | 2357 | 2361 | 2368 | rVB2  | 126875  | 247780   | 2.14%   | 0.446%  |
| 59 | 16.450 | 2379 | 2386 | 2399 | rVB   | 2501259 | 5254986  | 45.43%  | 9.452%  |
| 60 | 16.651 | 2411 | 2419 | 2430 | rVB   | 2236043 | 5228694  | 45.20%  | 9.405%  |

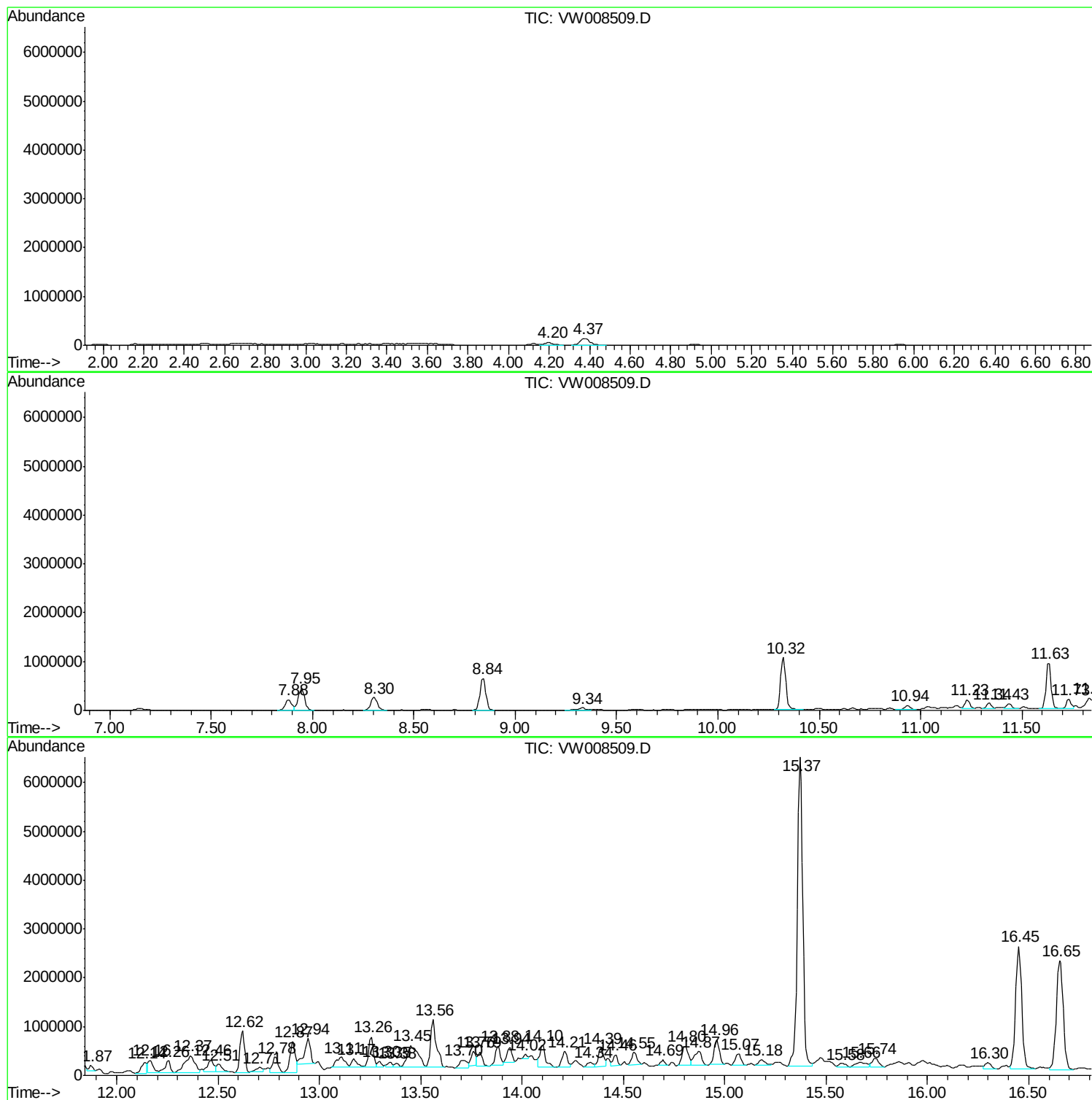
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MSVOA\_W  
ClientSampleId :  
0040-AMND-COMP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
Quant Title : SW846 8260

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



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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
Quant Title : SW846 8260

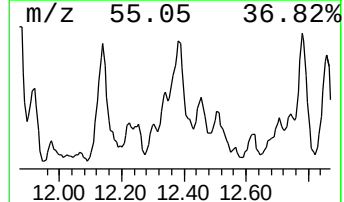
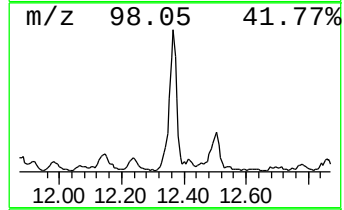
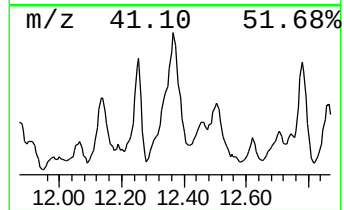
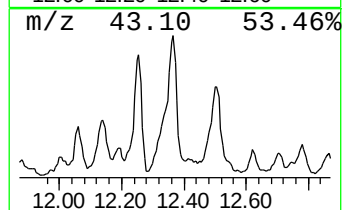
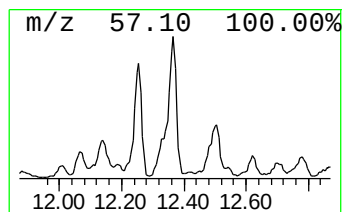
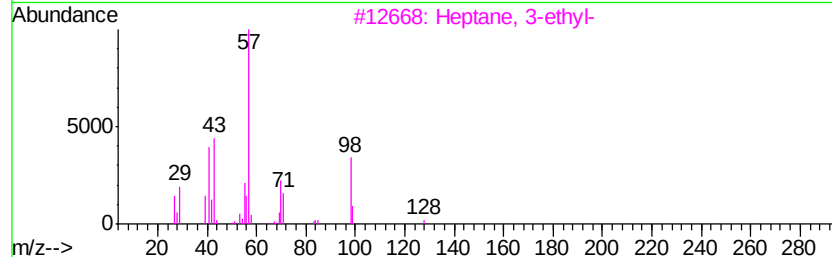
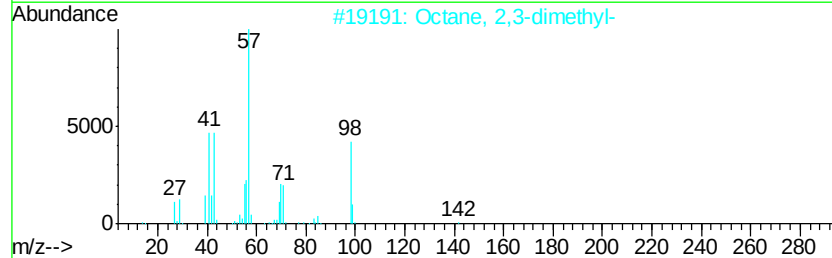
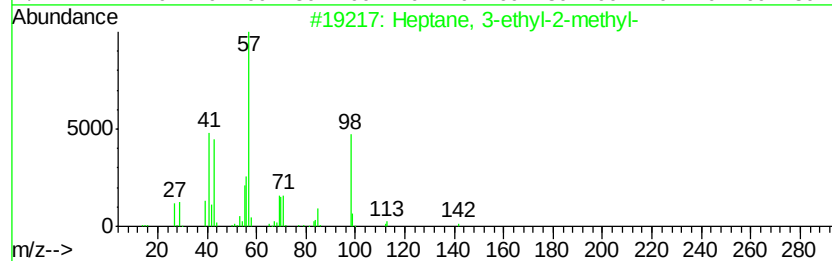
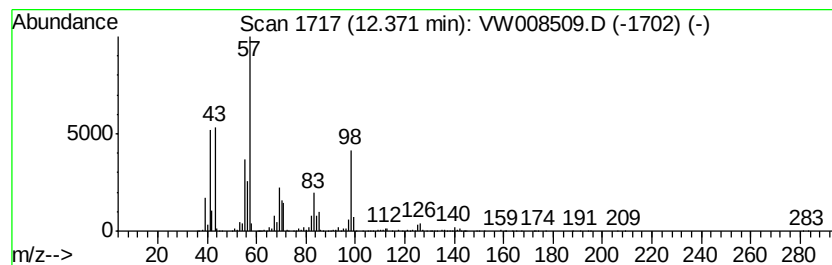
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Heptane, 3-ethyl-2-methyl- Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 12.37 | 40.00 ug/l | 1291170 | Chlorobenzene-d5 | 11.63 |

| Hit# of | 5                          | Tentative ID | MW          | MolForm     | CAS# | Qual |
|---------|----------------------------|--------------|-------------|-------------|------|------|
| 1       | Heptane, 3-ethyl-2-methyl- | 142          | C10H22      | 014676-29-0 | 91   |      |
| 2       | Octane, 2,3-dimethyl-      | 142          | C10H22      | 007146-60-3 | 90   |      |
| 3       | Heptane, 3-ethyl-          | 128          | C9H20       | 015869-80-4 | 53   |      |
| 4       | Silane, trichlorodocosyl-  | 442          | C22H45Cl3Si | 007325-84-0 | 43   |      |
| 5       | 2-Methyl-1-undecanol       | 186          | C12H26O     | 010522-26-6 | 43   |      |



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ClientSampleId :  
0040-AMND-COMP-3

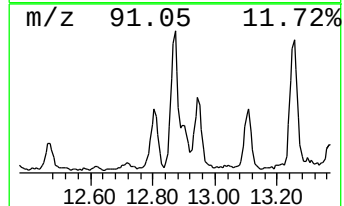
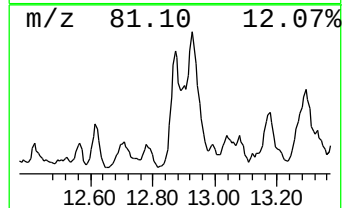
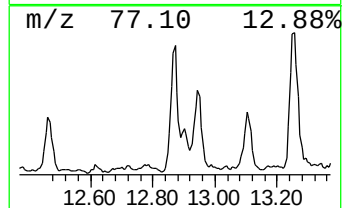
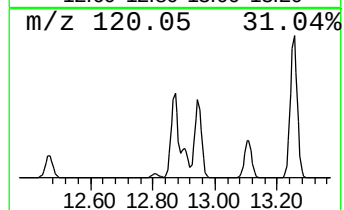
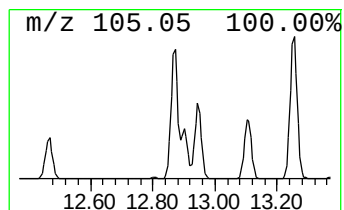
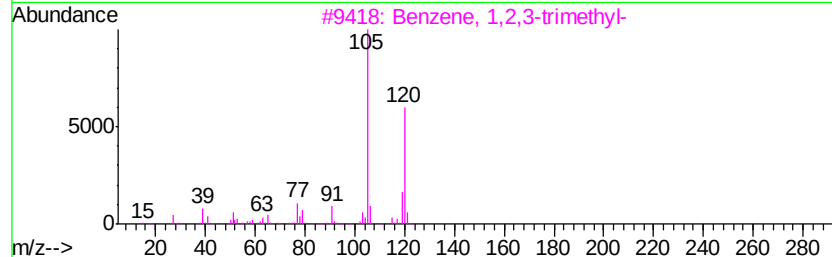
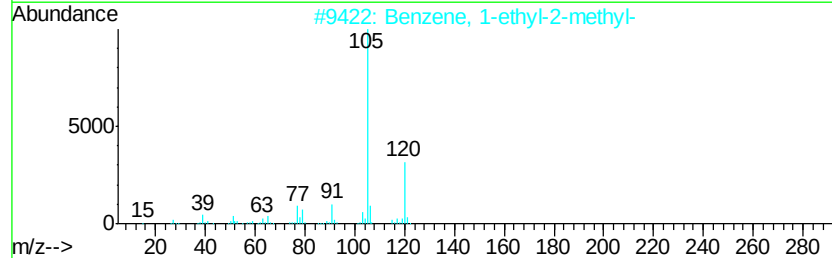
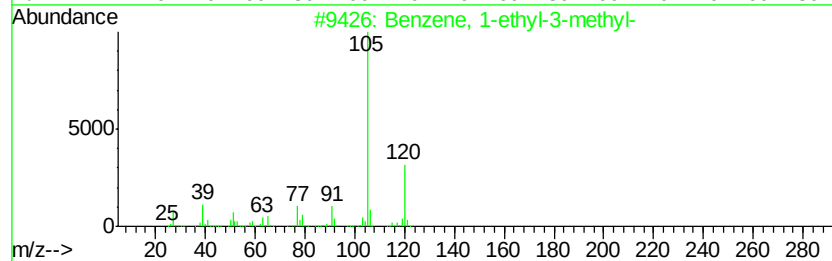
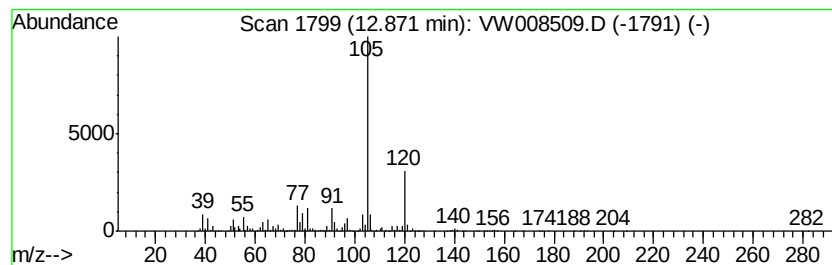
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 12.87 | 30.55 ug/l | 1182790 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 2    |    | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 3    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 76   |
| 4    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 76   |
| 5    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 70   |



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ALS Vial : 14 Sample Multiplier: 1

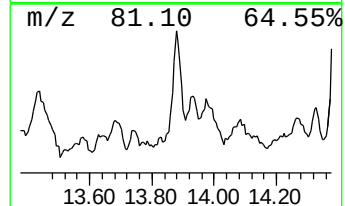
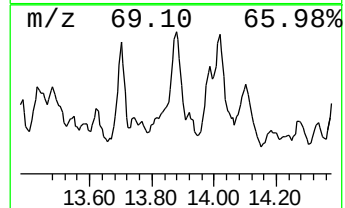
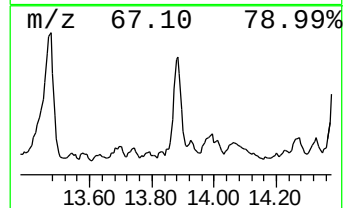
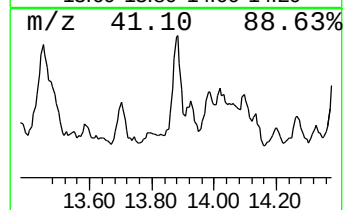
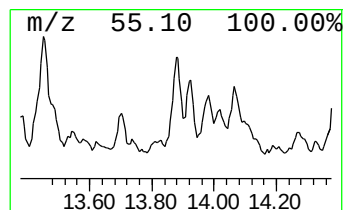
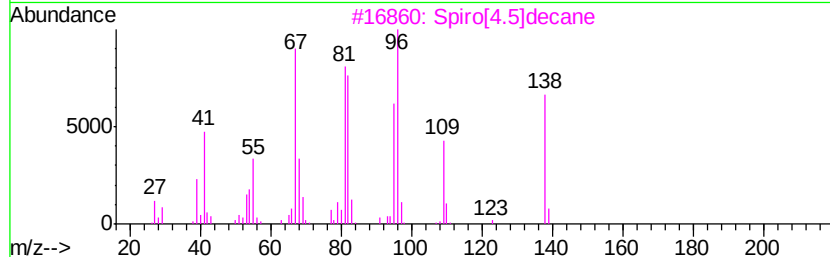
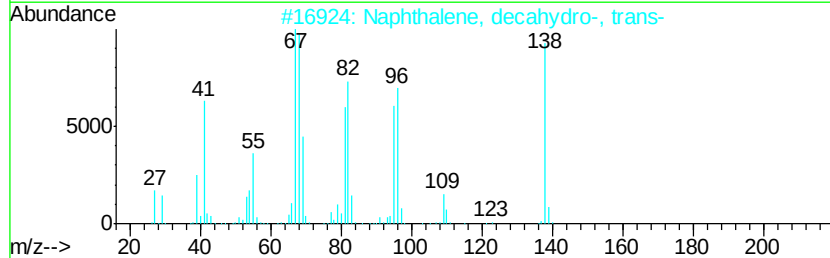
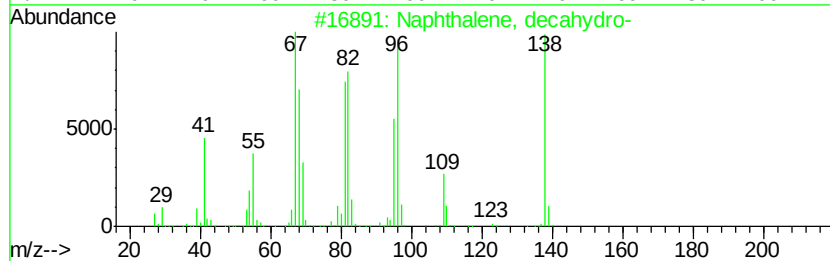
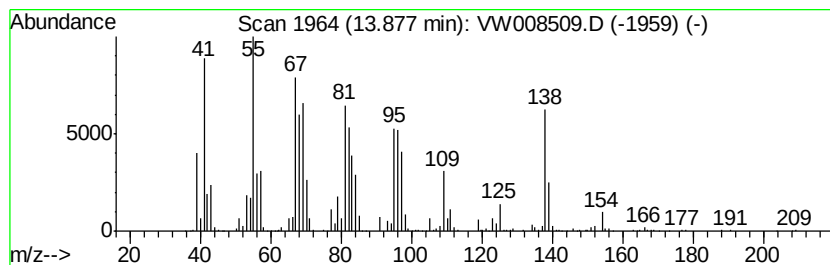
Instrument :  
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ClientSampleId :  
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Naphthalene, decahydro- Concentration Rank 8

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 13.88   | 18.60 ug/l | 719859                              | 1,4-Dichlorobenzene-d4 | 13.56          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | Naphthalene, decahydro-             | 138 C10H18             | 000091-17-8 94 |
| 2       |            | Naphthalene, decahydro-, trans-     | 138 C10H18             | 000493-02-7 94 |
| 3       |            | Spiro[4.5]decane                    | 138 C10H18             | 000176-63-6 76 |
| 4       |            | Naphthalene, decahydro-, cis-       | 138 C10H18             | 000493-01-6 70 |
| 5       |            | Cyclohexane, 1-methyl-4-(1-methy... | 138 C10H18             | 001124-25-0 60 |



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Quant Title : SW846 8260

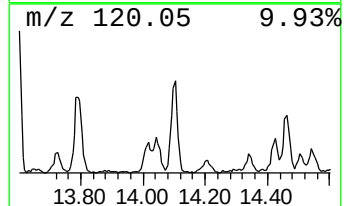
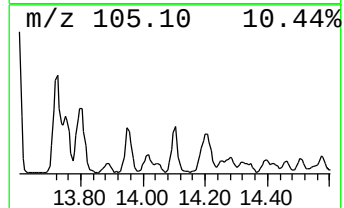
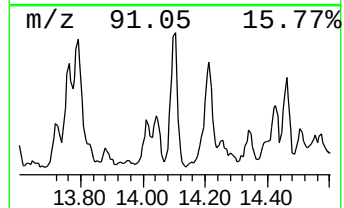
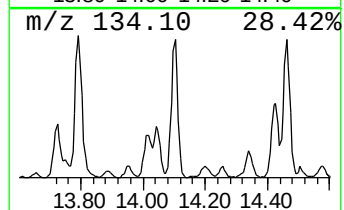
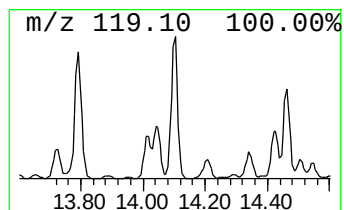
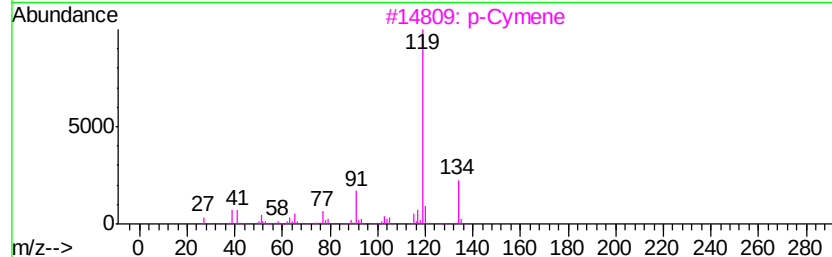
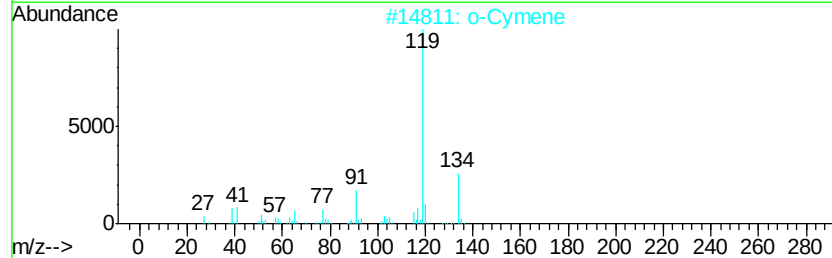
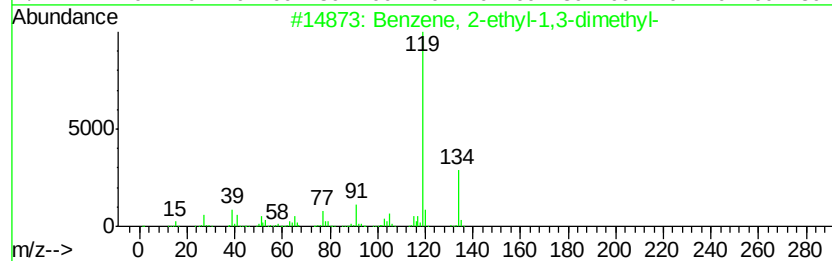
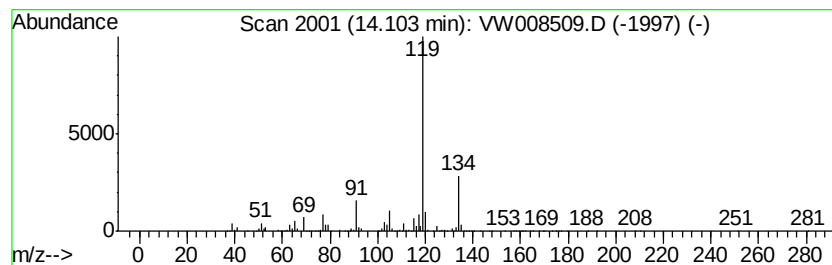
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.10 | 22.58 ug/l | 874192 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14  | 002870-04-4 | 95   |
| 2    |    | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 3    |    | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 95   |
| 4    |    | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 95   |
| 5    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 94   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\  
Data File : VW008509.D  
Acq On : 04 Feb 2019 18:36  
Operator : SY/VA  
Sample : K1299-07  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0040-AMND-COMP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
Quant Title : SW846 8260

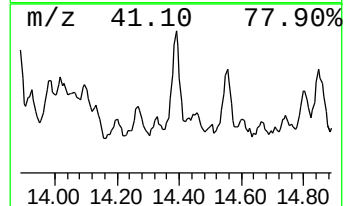
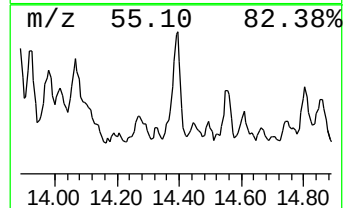
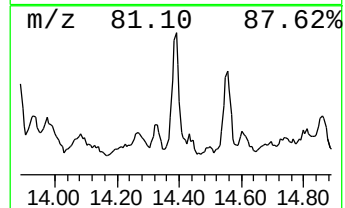
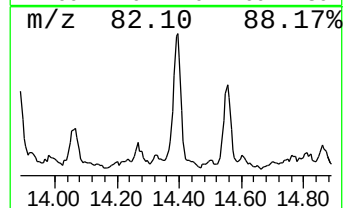
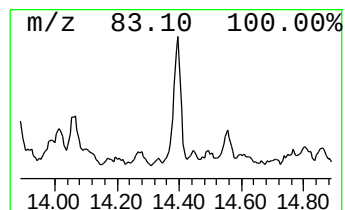
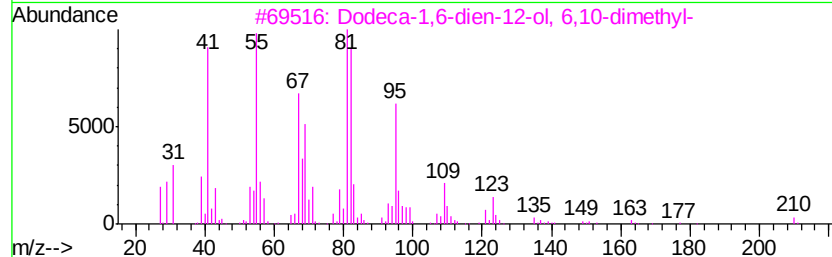
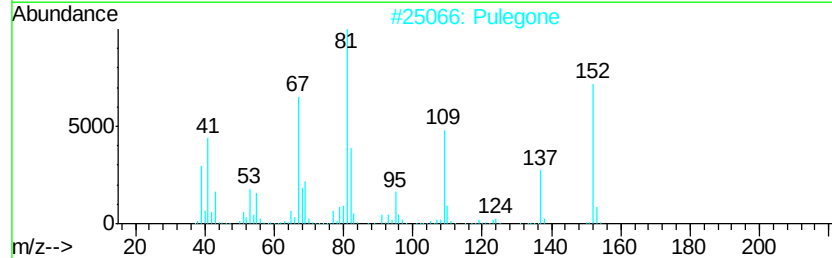
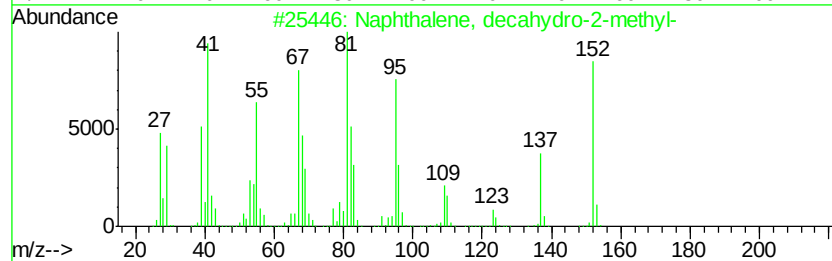
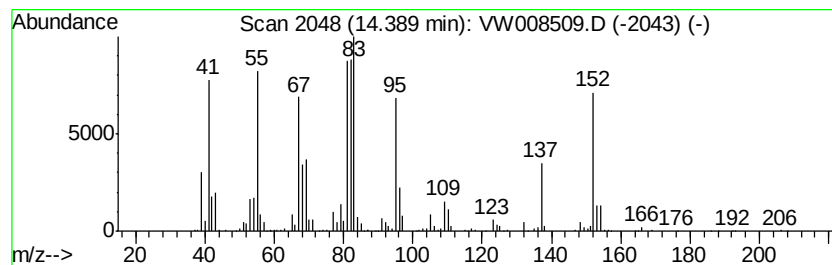
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.39 | 17.77 ug/l | 687941 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 97   |
| 2    |    | Pulegone                            | 152 | C10H16O | 000089-82-7  | 50   |
| 3    |    | Dodeca-1,6-dien-12-ol, 6,10-dime... | 210 | C14H26O | 1000156-13-8 | 49   |
| 4    |    | Decalin, syn-1-methyl-, cis-        | 152 | C11H20  | 1000158-89-1 | 49   |
| 5    |    | Decalin, anti-1-methyl-, cis-       | 152 | C11H20  | 1000158-89-0 | 46   |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\  
Data File : VW008509.D  
Acq On : 04 Feb 2019 18:36  
Operator : SY/VA  
Sample : K1299-07  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 14 Sample Multiplier: 1

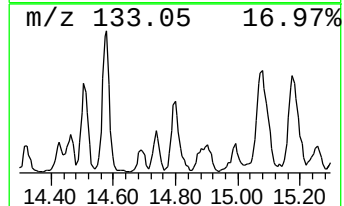
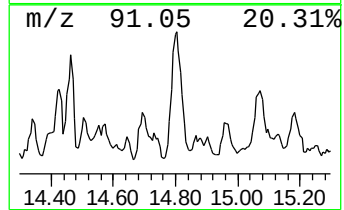
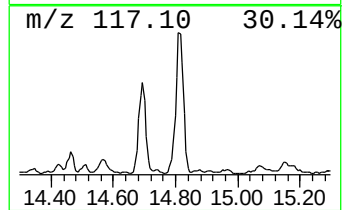
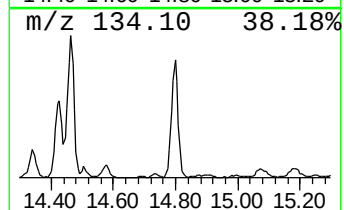
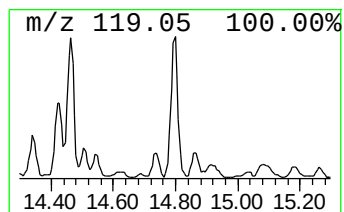
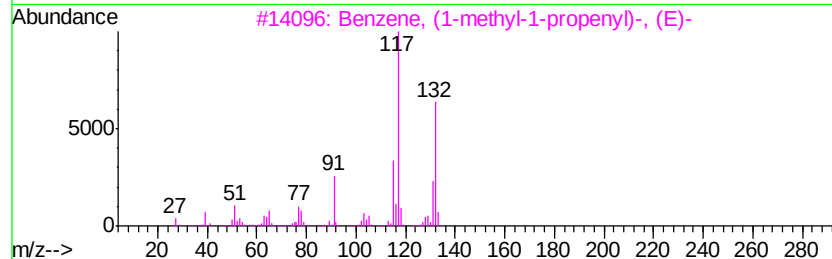
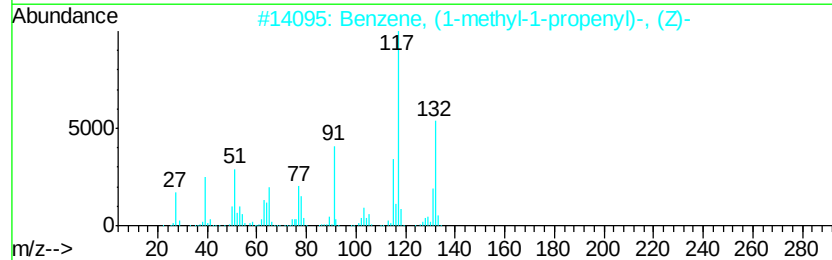
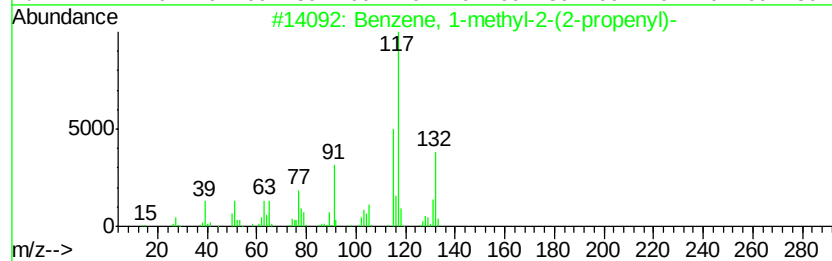
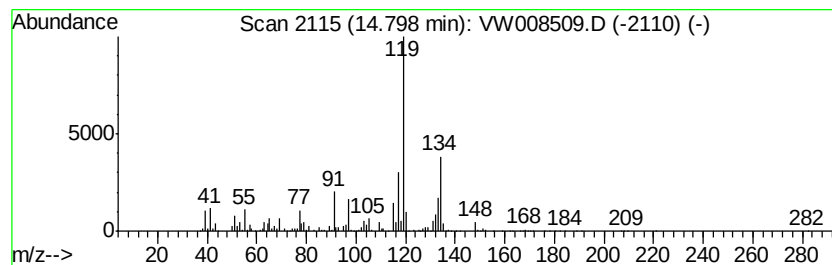
Instrument :  
MSVOA\_W  
ClientSampleId :  
0040-AMND-COMP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
Quant Title : SW846 8260

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

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Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|--------------|------------------------|-----------|
| 14.80   | 22.47 ug/l                          | 869826       | 1,4-Dichlorobenzene-d4 | 13.56     |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Benzene, 1-methyl-2-(2-propenyl)-   | 132 C10H12   | 001587-04-8            | 92        |
| 2       | Benzene, (1-methyl-1-propenyl)-,... | 132 C10H12   | 000767-99-7            | 74        |
| 3       | Benzene, (1-methyl-1-propenyl)-,... | 132 C10H12   | 000768-00-3            | 72        |
| 4       | 3-Phenylbut-1-ene                   | 132 C10H12   | 000934-10-1            | 70        |
| 5       | Benzene, 1-methyl-4-(2-propenyl)-   | 132 C10H12   | 003333-13-9            | 70        |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\  
Data File : VW008509.D  
Acq On : 04 Feb 2019 18:36  
Operator : SY/VA  
Sample : K1299-07  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0040-AMND-COMP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
Quant Title : SW846 8260

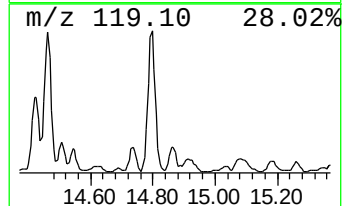
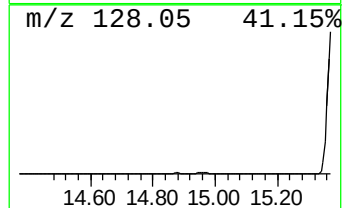
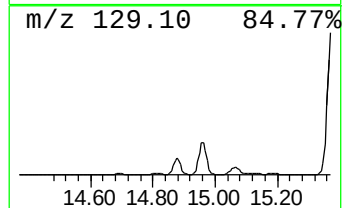
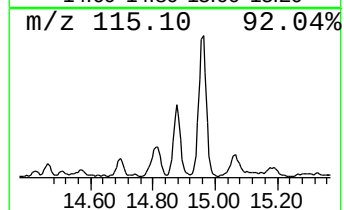
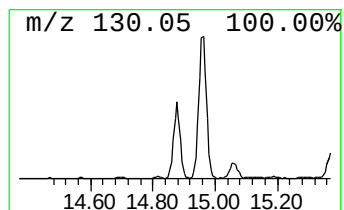
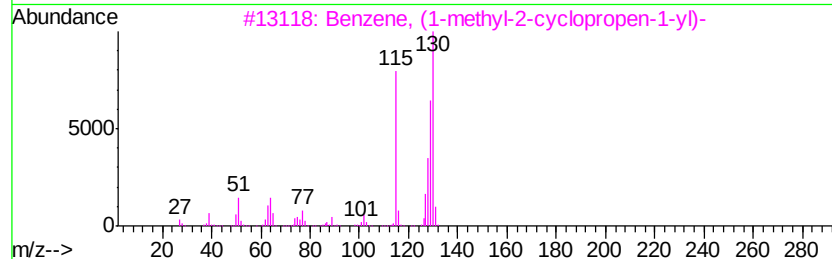
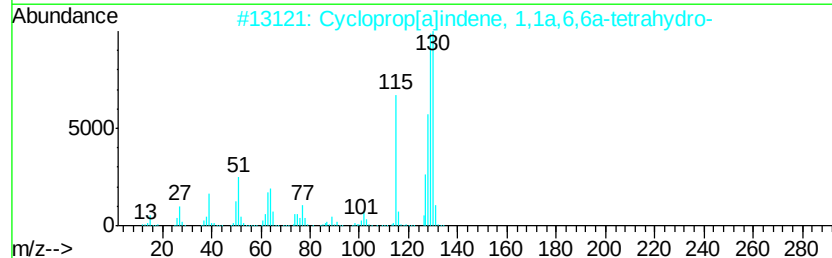
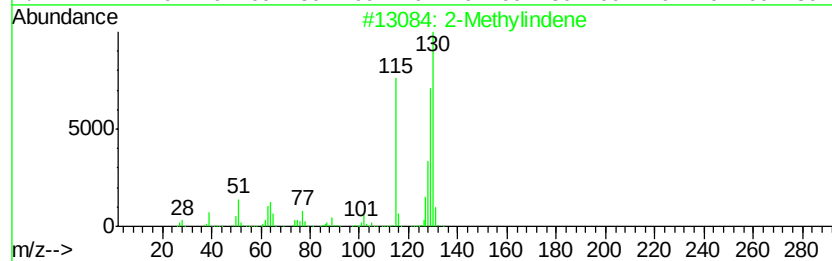
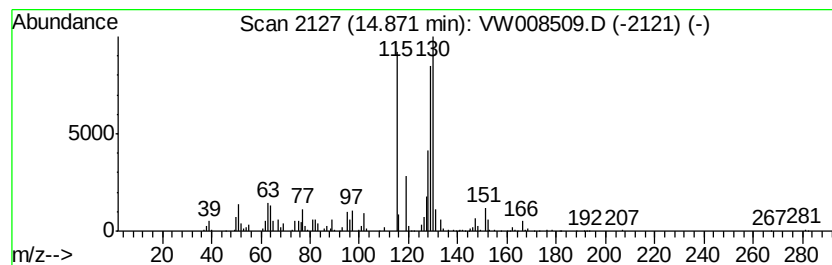
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 2-Methylindene Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.87 | 18.17 ug/l | 703489 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Methylindene                      | 130 | C10H10  | 002177-47-1 | 96   |
| 2    |    | Cycloprop[alindene, 1,1a,6,6a-te... | 130 | C10H10  | 015677-15-3 | 96   |
| 3    |    | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10  | 065051-83-4 | 96   |
| 4    |    | 1,4-Dihydronaphthalene              | 130 | C10H10  | 000612-17-9 | 95   |
| 5    |    | 1H-Indene, 1-methyl-                | 130 | C10H10  | 000767-59-9 | 93   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020419\  
Data File : VW008509.D  
Acq On : 04 Feb 2019 18:36  
Operator : SY/VA  
Sample : K1299-07  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 14 Sample Multiplier: 1

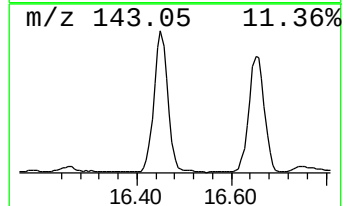
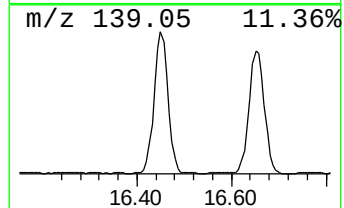
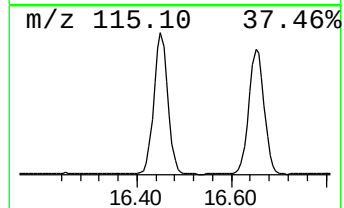
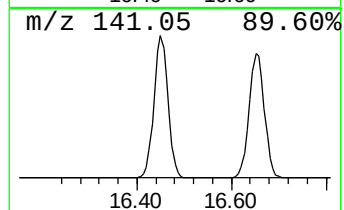
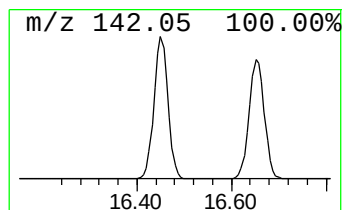
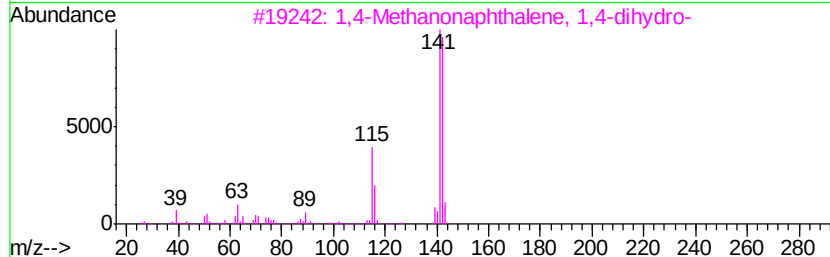
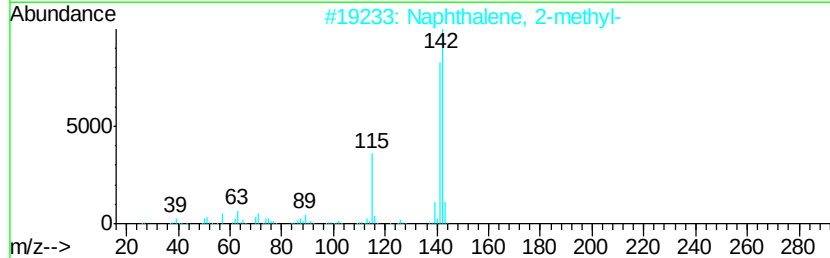
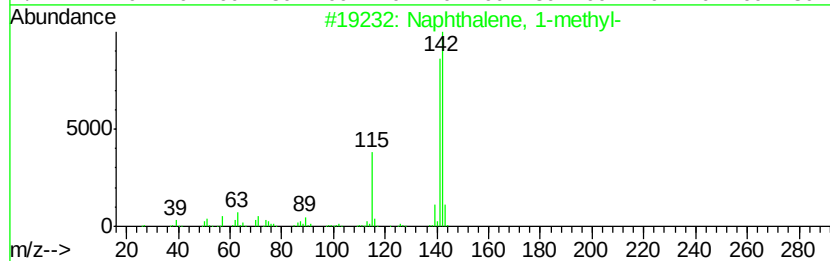
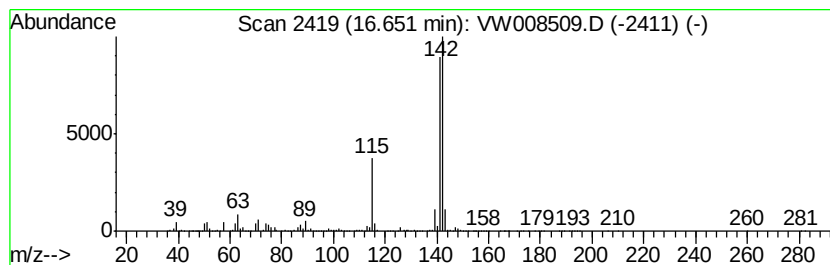
Instrument :  
MSVOA\_W  
ClientSampleId :  
0040-AMND-COMP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.M  
Quant Title : SW846 8260

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

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Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

| R.T.    | EstConc     | Area                                | Relative to ISTD       | R.T.           |
|---------|-------------|-------------------------------------|------------------------|----------------|
| 16.65   | 135.07 ug/l | 5228690                             | 1,4-Dichlorobenzene-d4 | 13.56          |
| Hit# of | 5           | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |             | 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 94 |
| 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 59 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW020419\  
Data File : VW008509.D  
Acq On : 04 Feb 2019 18:36  
Operator : SY/VA  
Sample : K1299-07  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
0040-AMND-COMP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012419S.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 |
| Heptane, 3-ethyl-... | 12.37 | 40.0    | ug/l  | 1291170  | 3                     | 11.63 | 1614150 | 50.0 |
| Benzene, 1-ethyl-... | 12.87 | 30.6    | ug/l  | 1182790  | 4                     | 13.56 | 1935530 | 50.0 |
| Naphthalene, deca... | 13.88 | 18.6    | ug/l  | 719859   | 4                     | 13.56 | 1935530 | 50.0 |
| Benzene, 2-ethyl-... | 14.10 | 22.6    | ug/l  | 874192   | 4                     | 13.56 | 1935530 | 50.0 |
| Naphthalene, deca... | 14.39 | 17.8    | ug/l  | 687941   | 4                     | 13.56 | 1935530 | 50.0 |
| Benzene, 1-methyl... | 14.80 | 22.5    | ug/l  | 869826   | 4                     | 13.56 | 1935530 | 50.0 |
| 2-Methylindene       | 14.87 | 18.2    | ug/l  | 703489   | 4                     | 13.56 | 1935530 | 50.0 |
| Naphthalene, 1-me... | 16.65 | 135.1   | ug/l  | 5228690  | 4                     | 13.56 | 1935530 | 50.0 |