

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
 Data File : VY001478.D  
 Acq On : 03 Feb 2020 17:13  
 Operator : SY/MD  
 Sample : L1383-09  
 Misc : 4.42G/5ML/MSVOA Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-C

## 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\_Y\METHODS\82Y012120S.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         | 4.743       | 483           | 493         | 507          | rBV3     | 9491           | 32091         | 3.68%           | 0.403%        |
| 2         | 7.736       | 974           | 984         | 990          | rBV      | 110018         | 270096        | 31.01%          | 3.389%        |
| 3         | 7.809       | 990           | 996         | 1007         | rVB      | 199506         | 454437        | 52.17%          | 5.703%        |
| 4         | 8.157       | 1045          | 1053        | 1065         | rBV      | 110869         | 241004        | 27.67%          | 3.024%        |
| 5         | 8.706       | 1134          | 1143        | 1158         | rVB      | 315579         | 629387        | 72.26%          | 7.898%        |
| 6         | 9.193       | 1210          | 1223        | 1229         | rBV4     | 6938           | 18760         | 2.15%           | 0.235%        |
| 7         | 9.833       | 1321          | 1328        | 1339         | rVB3     | 5895           | 17329         | 1.99%           | 0.217%        |
| 8         | 9.967       | 1339          | 1350        | 1354         | rBV5     | 7069           | 17718         | 2.03%           | 0.222%        |
| 9         | 10.187      | 1378          | 1386        | 1393         | rBV      | 499521         | 871009        | 100.00%         | 10.930%       |
| 10        | 10.248      | 1393          | 1396        | 1401         | rVB      | 17024          | 26757         | 3.07%           | 0.336%        |
| 11        | 10.376      | 1409          | 1417        | 1423         | rVB4     | 15310          | 33186         | 3.81%           | 0.416%        |
| 12        | 10.522      | 1436          | 1441        | 1446         | rVB      | 11572          | 20074         | 2.30%           | 0.252%        |
| 13        | 10.620      | 1448          | 1457        | 1464         | rBV4     | 15896          | 32757         | 3.76%           | 0.411%        |
| 14        | 10.803      | 1481          | 1487        | 1492         | rVB3     | 6137           | 9800          | 1.13%           | 0.123%        |
| 15        | 10.906      | 1499          | 1504        | 1510         | rBV3     | 5884           | 11502         | 1.32%           | 0.144%        |
| 16        | 10.979      | 1510          | 1516        | 1518         | rVV4     | 10313          | 17963         | 2.06%           | 0.225%        |
| 17        | 11.010      | 1518          | 1521        | 1523         | rVV4     | 11669          | 18295         | 2.10%           | 0.230%        |
| 18        | 11.040      | 1523          | 1526        | 1530         | rVV      | 16960          | 26568         | 3.05%           | 0.333%        |
| 19        | 11.095      | 1530          | 1535        | 1540         | rVV2     | 20640          | 37255         | 4.28%           | 0.468%        |
| 20        | 11.211      | 1548          | 1554        | 1557         | rVV4     | 7500           | 12342         | 1.42%           | 0.155%        |
| 21        | 11.284      | 1557          | 1566        | 1577         | rVB4     | 26770          | 80505         | 9.24%           | 1.010%        |
| 22        | 11.382      | 1577          | 1582        | 1587         | rBV2     | 19501          | 32767         | 3.76%           | 0.411%        |
| 23        | 11.492      | 1594          | 1600        | 1610         | rBV      | 407429         | 686708        | 78.84%          | 8.618%        |
| 24        | 11.595      | 1610          | 1617        | 1620         | rBV3     | 15472          | 29175         | 3.35%           | 0.366%        |
| 25        | 11.626      | 1620          | 1622        | 1627         | rVB3     | 9409           | 12618         | 1.45%           | 0.158%        |
| 26        | 11.711      | 1627          | 1636        | 1646         | rBV3     | 51266          | 146122        | 16.78%          | 1.834%        |
| 27        | 11.900      | 1661          | 1667        | 1670         | rVV7     | 5554           | 12315         | 1.41%           | 0.155%        |
| 28        | 11.931      | 1670          | 1672        | 1678         | rVV6     | 5520           | 11132         | 1.28%           | 0.140%        |
| 29        | 12.010      | 1678          | 1685        | 1686         | rVV4     | 15732          | 29718         | 3.41%           | 0.373%        |
| 30        | 12.034      | 1686          | 1689        | 1698         | rVV3     | 18217          | 39609         | 4.55%           | 0.497%        |
| 31        | 12.126      | 1701          | 1704        | 1708         | rVB2     | 8013           | 12311         | 1.41%           | 0.154%        |
| 32        | 12.205      | 1713          | 1717        | 1720         | rVV5     | 8241           | 12221         | 1.40%           | 0.153%        |
| 33        | 12.248      | 1720          | 1724        | 1728         | rVB5     | 6084           | 10813         | 1.24%           | 0.136%        |
| 34        | 12.485      | 1754          | 1763        | 1768         | rBV      | 312952         | 488866        | 56.13%          | 6.135%        |

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
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## Integration Parameters: RTEINT.P

Integrator: RTE  
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 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\_Y\METHODS\82Y012120S.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 12.674 | 1787 | 1794 | 1799 | rBV  | 25863  | 42652  | 4.90%  | 0.535% |
| 36 | 12.735 | 1799 | 1804 | 1807 | rVV  | 40552  | 62843  | 7.21%  | 0.789% |
| 37 | 12.766 | 1807 | 1809 | 1813 | rVV  | 20462  | 34024  | 3.91%  | 0.427% |
| 38 | 12.815 | 1813 | 1817 | 1823 | rVB2 | 39705  | 66256  | 7.61%  | 0.831% |
| 39 | 12.973 | 1836 | 1843 | 1847 | rBV  | 20414  | 40604  | 4.66%  | 0.510% |
| 40 | 13.040 | 1851 | 1854 | 1861 | rVB5 | 10760  | 16334  | 1.88%  | 0.205% |
| 41 | 13.125 | 1861 | 1868 | 1872 | rBV  | 99489  | 156263 | 17.94% | 1.961% |
| 42 | 13.174 | 1872 | 1876 | 1881 | rVB4 | 11131  | 17499  | 2.01%  | 0.220% |
| 43 | 13.229 | 1881 | 1885 | 1886 | rBV4 | 7523   | 9636   | 1.11%  | 0.121% |
| 44 | 13.321 | 1897 | 1900 | 1904 | rVV4 | 9684   | 14507  | 1.67%  | 0.182% |
| 45 | 13.363 | 1904 | 1907 | 1910 | rVV2 | 14203  | 21530  | 2.47%  | 0.270% |
| 46 | 13.430 | 1910 | 1918 | 1927 | rVV2 | 341563 | 637303 | 73.17% | 7.998% |
| 47 | 13.503 | 1927 | 1930 | 1934 | rVB3 | 12910  | 16635  | 1.91%  | 0.209% |
| 48 | 13.595 | 1940 | 1945 | 1947 | rBV  | 26654  | 38423  | 4.41%  | 0.482% |
| 49 | 13.625 | 1947 | 1950 | 1954 | rVV  | 44480  | 70622  | 8.11%  | 0.886% |
| 50 | 13.668 | 1954 | 1957 | 1966 | rVB3 | 50478  | 104004 | 11.94% | 1.305% |
| 51 | 13.753 | 1966 | 1971 | 1975 | rBV4 | 40448  | 59473  | 6.83%  | 0.746% |
| 52 | 13.827 | 1978 | 1983 | 1988 | rVB  | 23400  | 34242  | 3.93%  | 0.430% |
| 53 | 13.887 | 1989 | 1993 | 1996 | rVV  | 27746  | 41638  | 4.78%  | 0.523% |
| 54 | 13.918 | 1996 | 1998 | 2002 | rVB  | 27164  | 32019  | 3.68%  | 0.402% |
| 55 | 13.973 | 2002 | 2007 | 2012 | rBV  | 106139 | 151781 | 17.43% | 1.905% |
| 56 | 14.034 | 2012 | 2017 | 2020 | rVB3 | 15814  | 24795  | 2.85%  | 0.311% |
| 57 | 14.083 | 2020 | 2025 | 2030 | rBV  | 67888  | 102173 | 11.73% | 1.282% |
| 58 | 14.150 | 2032 | 2036 | 2042 | rVB5 | 11376  | 21548  | 2.47%  | 0.270% |
| 59 | 14.217 | 2042 | 2047 | 2051 | rBV3 | 26308  | 50296  | 5.77%  | 0.631% |
| 60 | 14.296 | 2056 | 2060 | 2064 | rVV  | 67607  | 126512 | 14.52% | 1.588% |
| 61 | 14.339 | 2064 | 2067 | 2071 | rVV  | 65965  | 92741  | 10.65% | 1.164% |
| 62 | 14.381 | 2071 | 2074 | 2078 | rVV2 | 37363  | 57312  | 6.58%  | 0.719% |
| 63 | 14.424 | 2078 | 2081 | 2085 | rVB3 | 22970  | 30643  | 3.52%  | 0.385% |
| 64 | 14.485 | 2087 | 2091 | 2094 | rVV3 | 12100  | 18057  | 2.07%  | 0.227% |
| 65 | 14.522 | 2094 | 2097 | 2100 | rVV  | 25650  | 40318  | 4.63%  | 0.506% |
| 66 | 14.570 | 2100 | 2105 | 2109 | rVV  | 76579  | 142881 | 16.40% | 1.793% |
| 67 | 14.613 | 2109 | 2112 | 2117 | rVB  | 49526  | 73424  | 8.43%  | 0.921% |
| 68 | 14.686 | 2117 | 2124 | 2129 | rBV3 | 113006 | 241684 | 27.75% | 3.033% |
| 69 | 14.741 | 2129 | 2133 | 2139 | rVB3 | 34884  | 63188  | 7.25%  | 0.793% |
| 70 | 14.839 | 2146 | 2149 | 2152 | rVB2 | 9073   | 11158  | 1.28%  | 0.140% |
| 71 | 14.912 | 2157 | 2161 | 2162 | rBV2 | 14891  | 19274  | 2.21%  | 0.242% |

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ClientSampleId :  
TP-C

## 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\_Y\METHODS\82Y012120S.M  
Title : SW846 8260

|    |        |      |      |      |      |       |        |        |        |
|----|--------|------|------|------|------|-------|--------|--------|--------|
| 72 | 14.948 | 2162 | 2167 | 2171 | rVV3 | 46151 | 72799  | 8.36%  | 0.914% |
| 73 | 15.058 | 2179 | 2185 | 2192 | rVB2 | 49720 | 108306 | 12.43% | 1.359% |
| 74 | 15.241 | 2205 | 2215 | 2220 | rBV  | 66440 | 150929 | 17.33% | 1.894% |
| 75 | 15.345 | 2227 | 2232 | 2238 | rBV5 | 22283 | 42640  | 4.90%  | 0.535% |
| 76 | 15.399 | 2238 | 2241 | 2244 | rVV2 | 13222 | 20680  | 2.37%  | 0.260% |
| 77 | 15.436 | 2244 | 2247 | 2255 | rVB8 | 18507 | 34347  | 3.94%  | 0.431% |
| 78 | 15.527 | 2256 | 2262 | 2271 | rBV  | 31027 | 70172  | 8.06%  | 0.881% |
| 79 | 15.692 | 2281 | 2289 | 2293 | rBV5 | 18331 | 48500  | 5.57%  | 0.609% |
| 80 | 15.814 | 2306 | 2309 | 2315 | rVB4 | 7918  | 15495  | 1.78%  | 0.194% |
| 81 | 15.887 | 2315 | 2321 | 2337 | rVB5 | 16519 | 53983  | 6.20%  | 0.677% |
| 82 | 16.033 | 2341 | 2345 | 2350 | rVB7 | 7284  | 14142  | 1.62%  | 0.177% |
| 83 | 16.296 | 2382 | 2388 | 2396 | rVB  | 48516 | 91676  | 10.53% | 1.150% |
| 84 | 16.497 | 2414 | 2421 | 2427 | rBV  | 26594 | 57568  | 6.61%  | 0.722% |

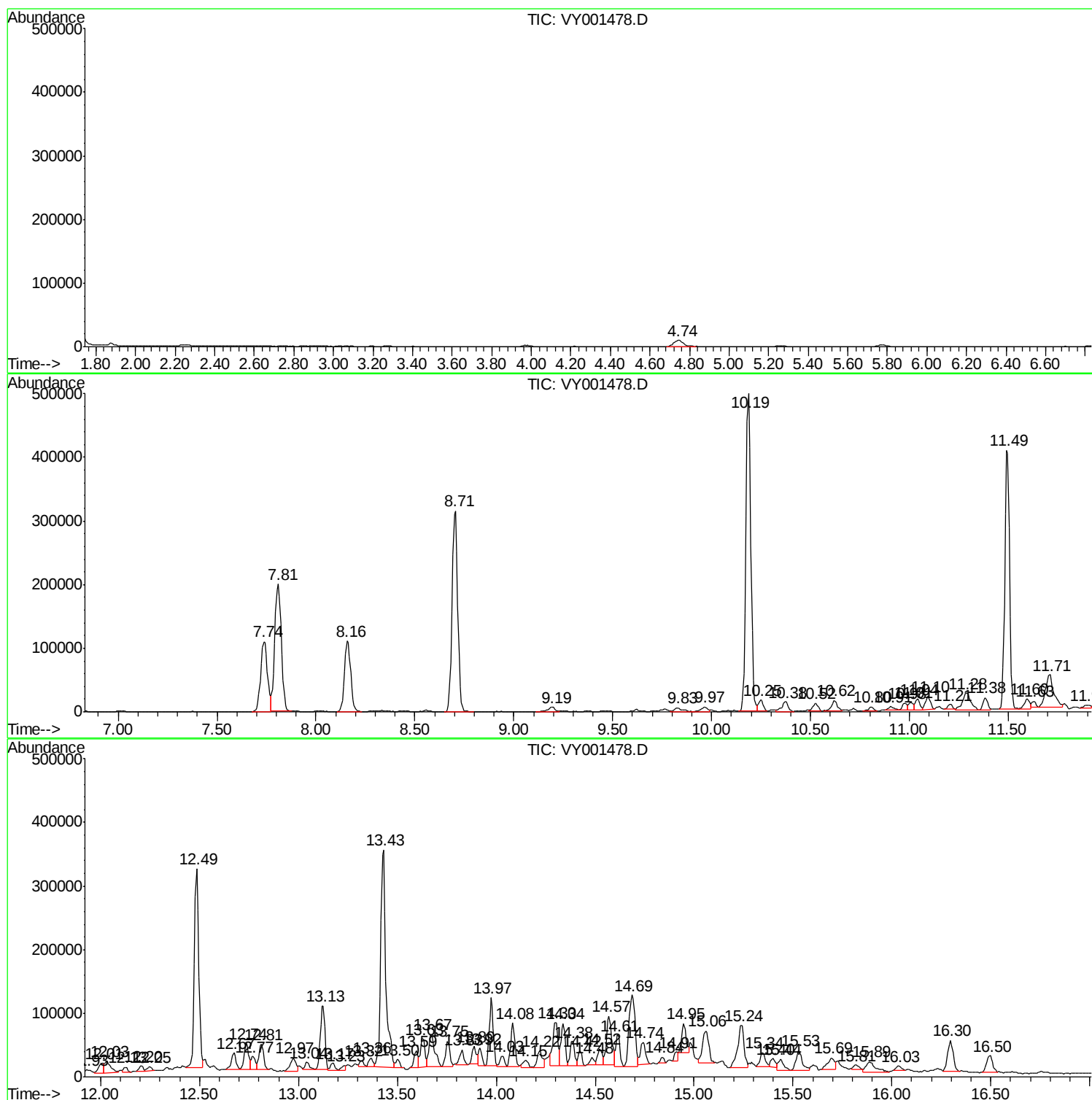
Sum of corrected areas: 7968739

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260

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



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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260

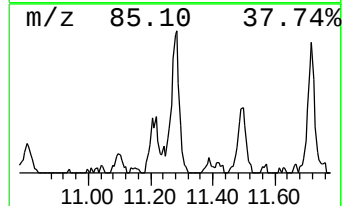
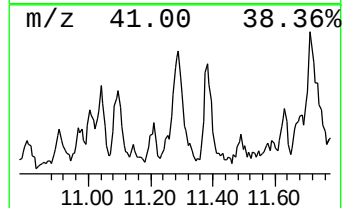
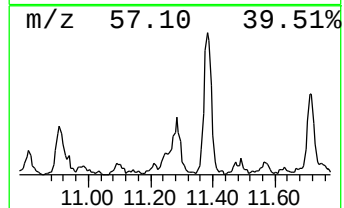
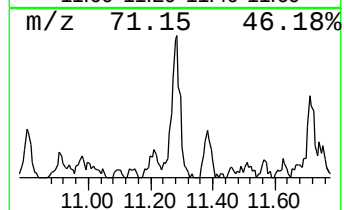
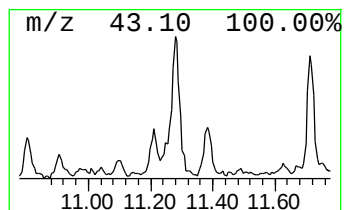
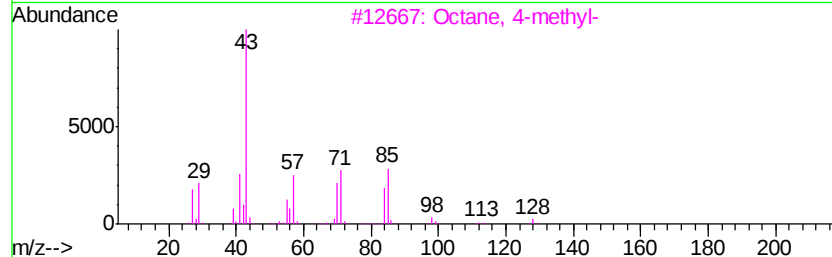
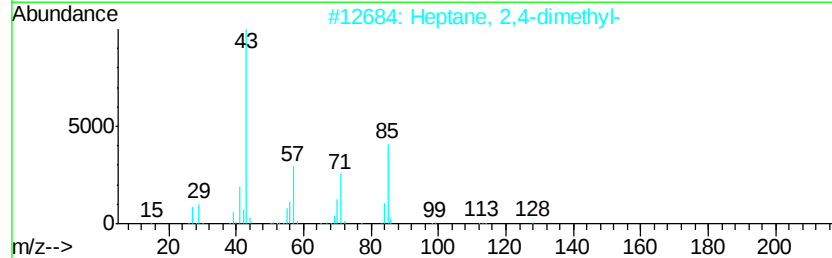
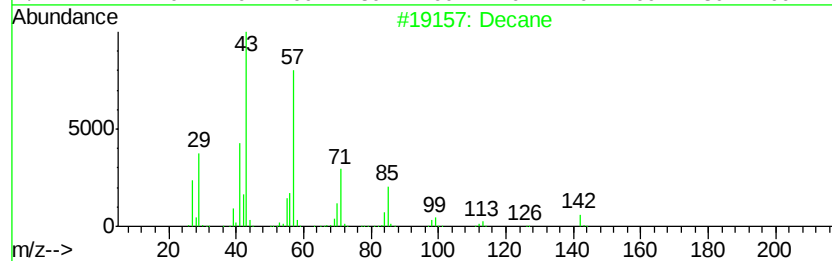
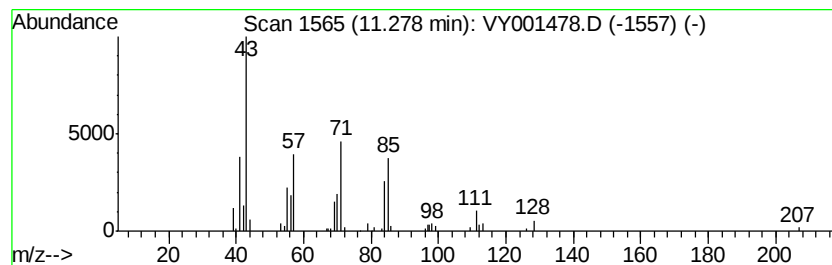
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Decane Concentration Rank 9

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 11.28 | 5.86 ug/l | 80505 | Chlorobenzene-d5 | 11.50 |

| Hit# of | 5                       | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------------|--------------|-----|---------|-------------|------|
| 1       | Decane                  |              | 142 | C10H22  | 000124-18-5 | 64   |
| 2       | Heptane, 2,4-dimethyl-  |              | 128 | C9H20   | 002213-23-2 | 53   |
| 3       | Octane, 4-methyl-       |              | 128 | C9H20   | 002216-34-4 | 50   |
| 4       | Decane, 4-methyl-       |              | 156 | C11H24  | 002847-72-5 | 43   |
| 5       | Undecane, 3,4-dimethyl- |              | 184 | C13H28  | 017312-78-6 | 43   |



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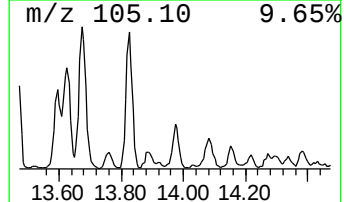
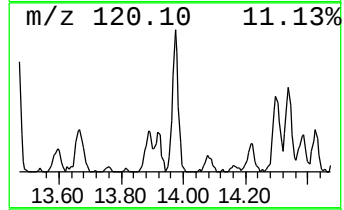
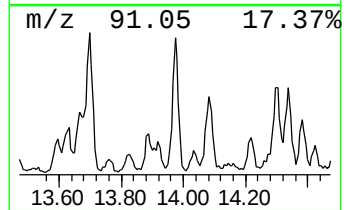
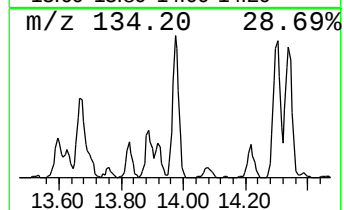
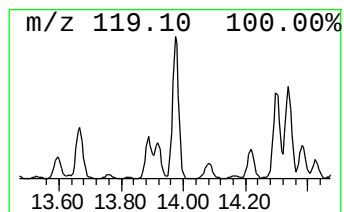
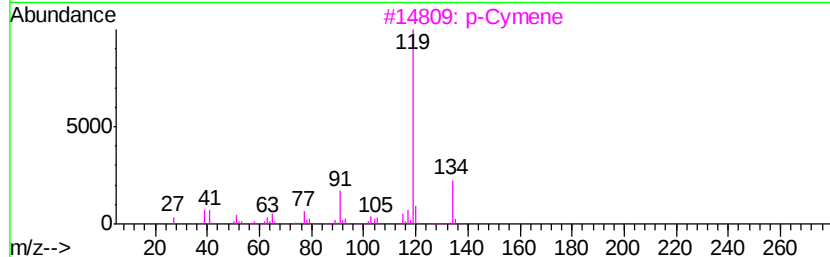
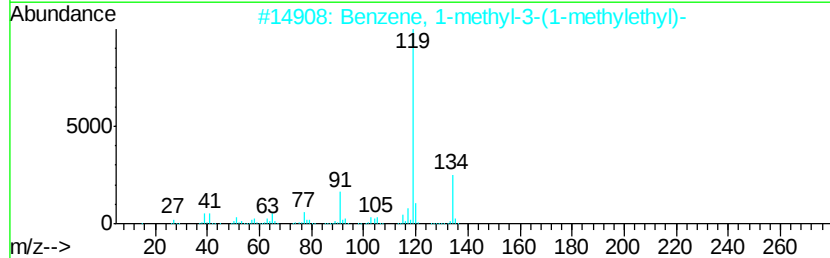
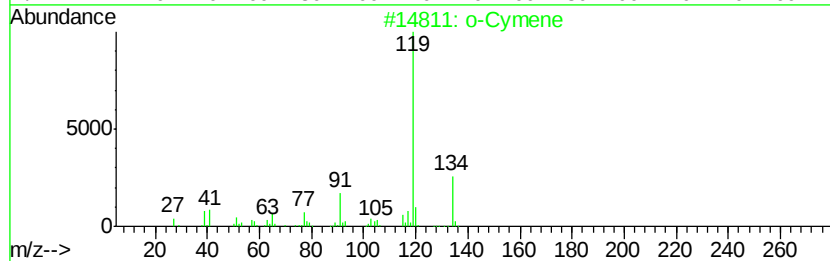
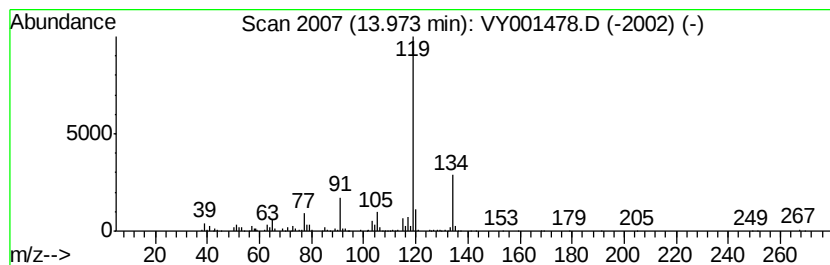
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 o-Cymene Concentration Rank 2

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 13.97   | 11.91 ug/l | 151781                              | 1,4-Dichlorobenzene-d4 | 13.43          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | o-Cymene                            | 134 C10H14             | 000527-84-4 94 |
| 2       |            | Benzene, 1-methyl-3-(1-methyleth... | 134 C10H14             | 000535-77-3 94 |
| 3       |            | p-Cymene                            | 134 C10H14             | 000099-87-6 94 |
| 4       |            | Benzene, 2-ethyl-1,4-dimethyl-      | 134 C10H14             | 001758-88-9 94 |
| 5       |            | Benzene, 2-ethyl-1,3-dimethyl-      | 134 C10H14             | 002870-04-4 93 |



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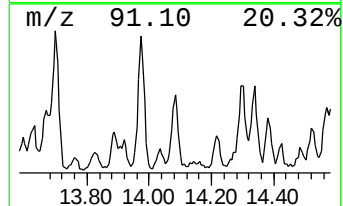
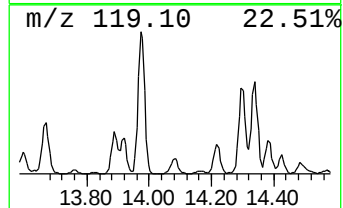
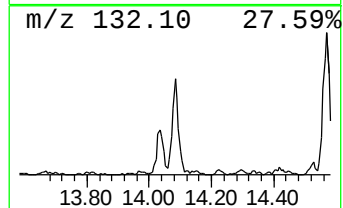
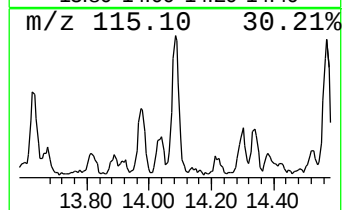
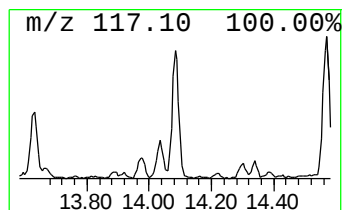
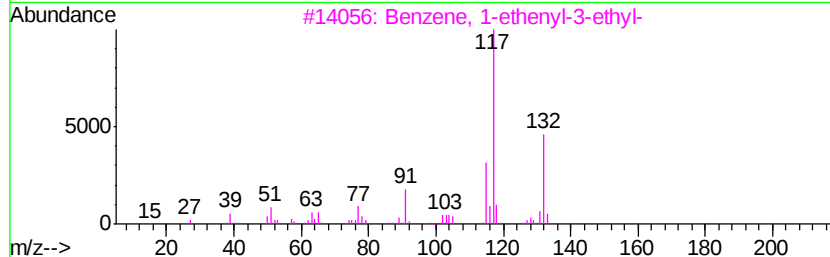
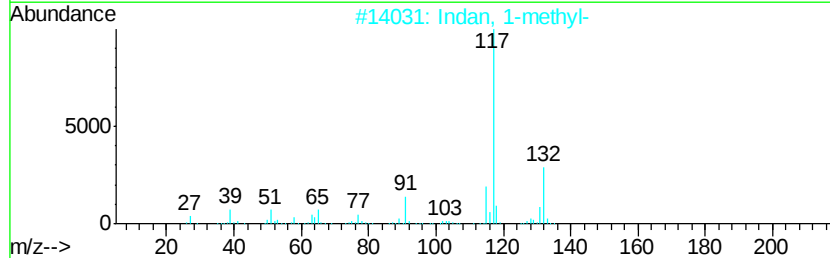
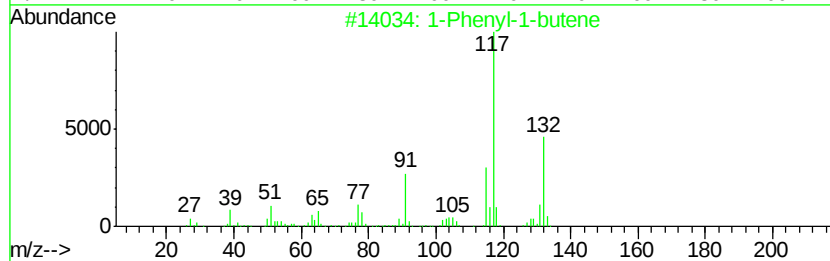
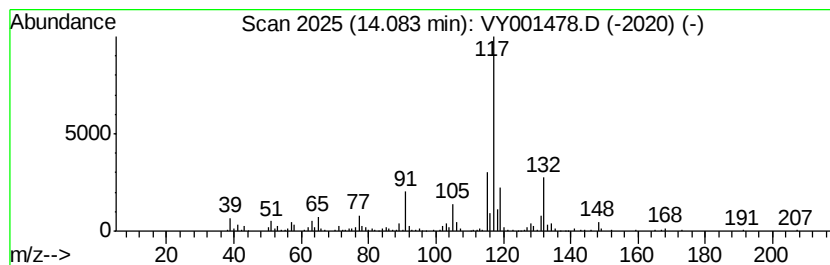
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 1-Phenyl-1-butene Concentration Rank 6

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 14.08 | 8.02 ug/l | 102173 | 1,4-Dichlorobenzene-d4 | 13.43 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 90   |
| 2    |    | Indan, 1-methyl-                  | 132 | C10H12  | 000767-58-8 | 81   |
| 3    |    | Benzene, 1-ethenyl-3-ethyl-       | 132 | C10H12  | 007525-62-4 | 81   |
| 4    |    | Benzene, (2-methyl-1-propenyl)-   | 132 | C10H12  | 000768-49-0 | 81   |
| 5    |    | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 74   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
Data File : VY001478.D  
Acq On : 03 Feb 2020 17:13  
Operator : SY/MD  
Sample : L1383-09  
Misc : 4.42G/5ML/MSVOA Y/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260

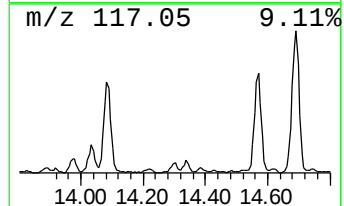
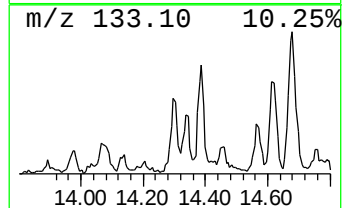
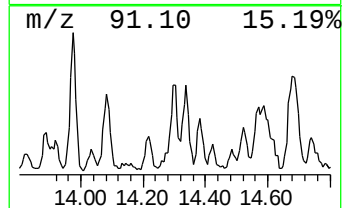
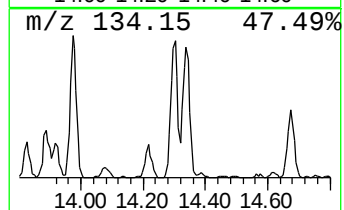
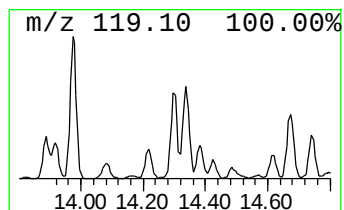
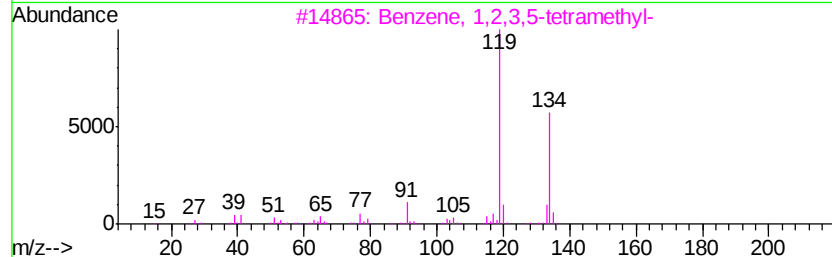
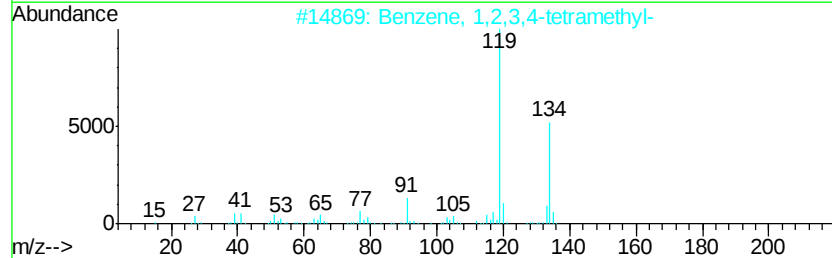
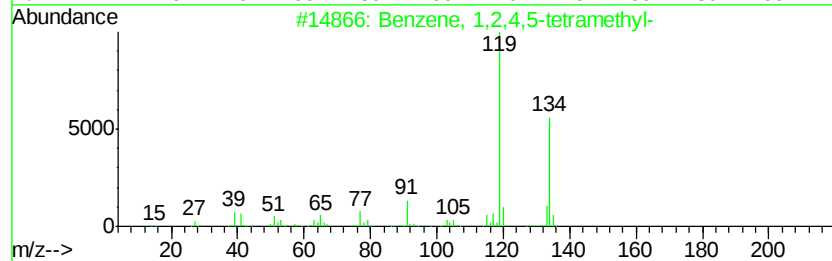
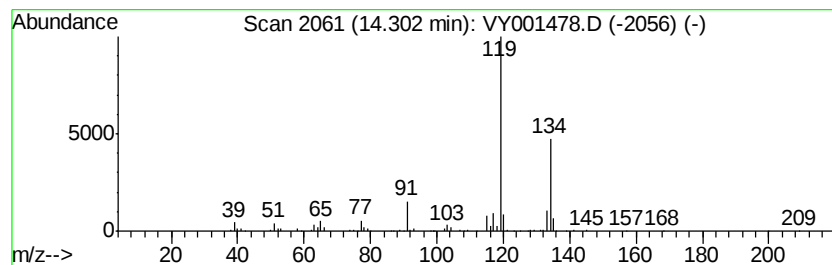
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 14.30 | 9.93 ug/l | 126512 | 1,4-Dichlorobenzene-d4 | 13.43 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 2    |    | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 95   |
| 3    |    | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 95   |
| 4    |    | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 93   |
| 5    |    | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 91   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
Data File : VY001478.D  
Acq On : 03 Feb 2020 17:13  
Operator : SY/MD  
Sample : L1383-09  
Misc : 4.42G/5ML/MSVOA Y/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260

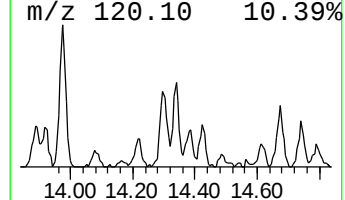
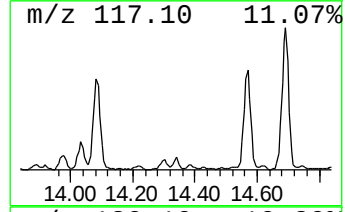
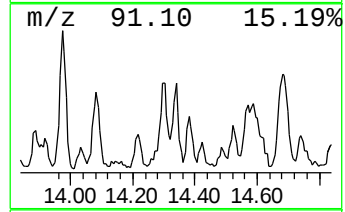
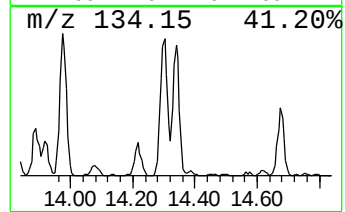
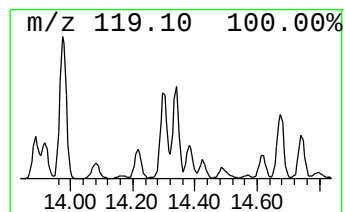
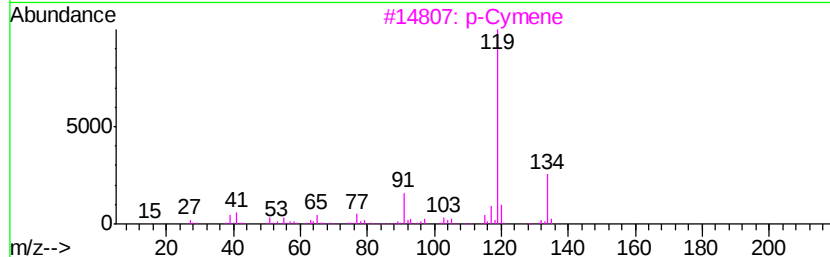
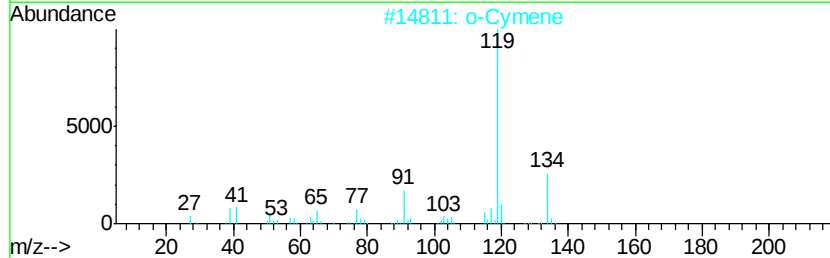
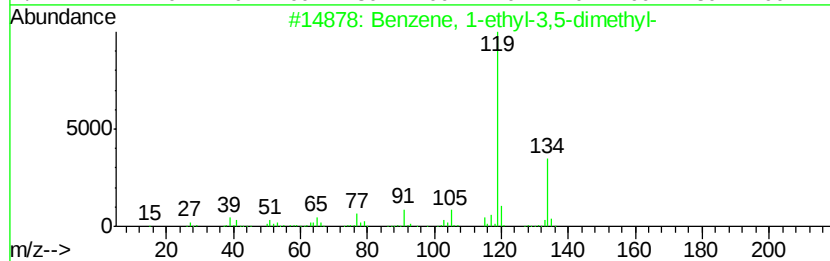
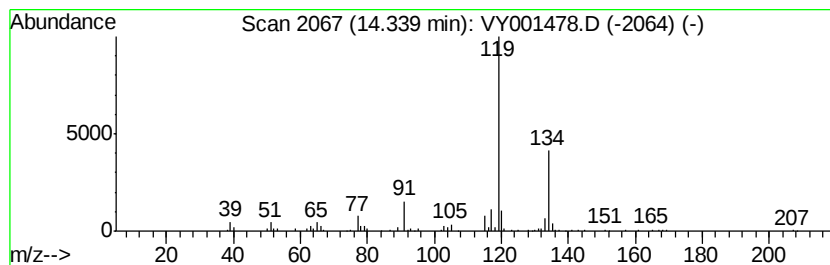
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 7

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.34 | 7.28 ug/l | 92741 | 1,4-Dichlorobenzene-d4 | 13.43 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-3,5-dimethyl-      | 134 | C10H14  | 000934-74-7 | 94   |
| 2    |    | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 93   |
| 3    |    | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 91   |
| 4    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 91   |
| 5    |    | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 91   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
Data File : VY001478.D  
Acq On : 03 Feb 2020 17:13  
Operator : SY/MD  
Sample : L1383-09  
Misc : 4.42G/5ML/MSVOA Y/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampled :  
TP-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260

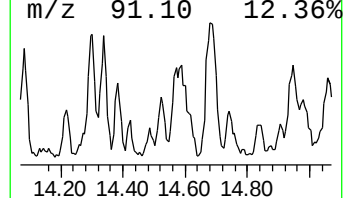
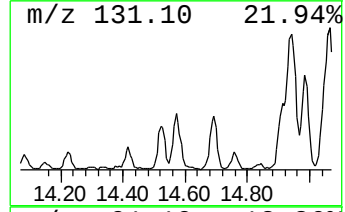
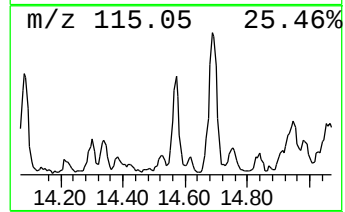
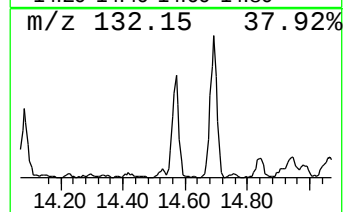
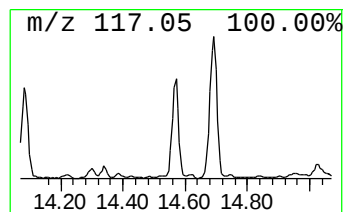
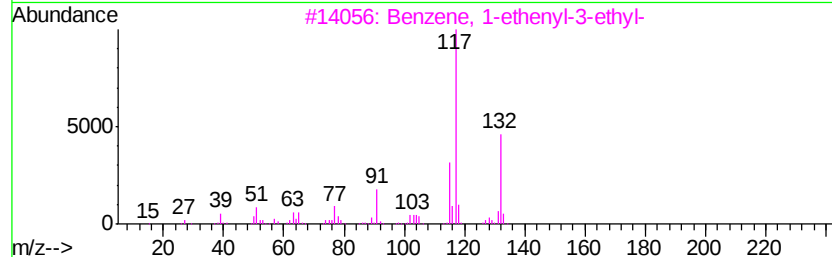
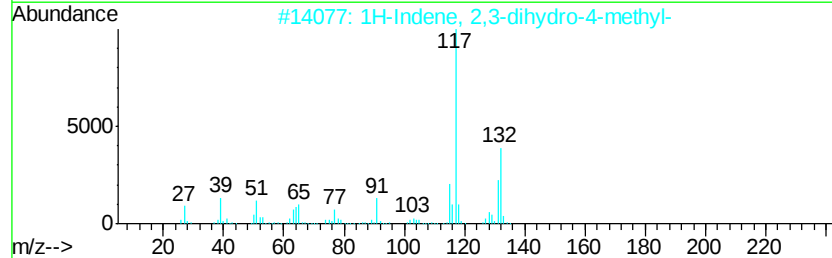
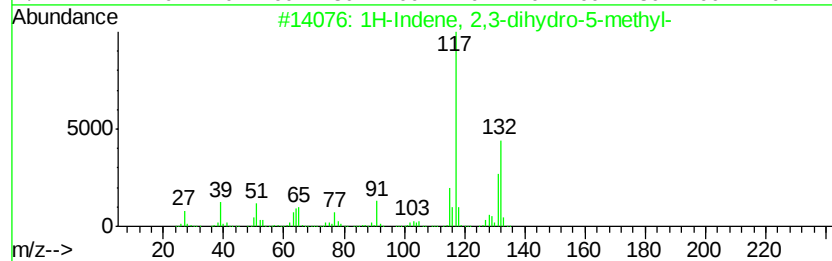
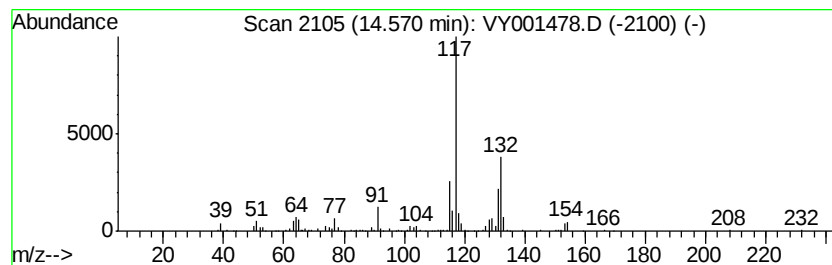
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.57 | 11.21 ug/l | 142881 | 1,4-Dichlorobenzene-d4 | 13.43 |

| Hit# of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|---------|---|----------------------------------|-----|---------|-------------|------|
| 1       |   | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 95   |
| 2       |   | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 95   |
| 3       |   | Benzene, 1-ethenyl-3-ethyl-      | 132 | C10H12  | 007525-62-4 | 80   |
| 4       |   | Indan, 1-methyl-                 | 132 | C10H12  | 000767-58-8 | 80   |
| 5       |   | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 76   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
Data File : VY001478.D  
Acq On : 03 Feb 2020 17:13  
Operator : SY/MD  
Sample : L1383-09  
Misc : 4.42G/5ML/MSVOA Y/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260

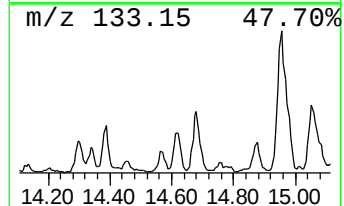
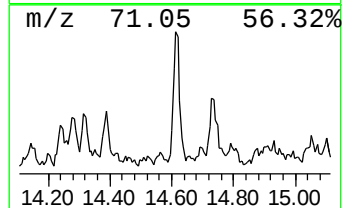
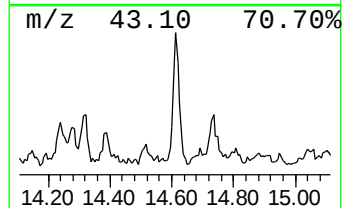
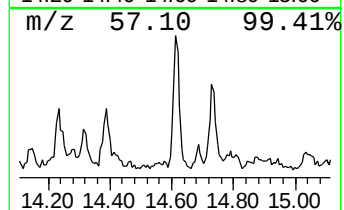
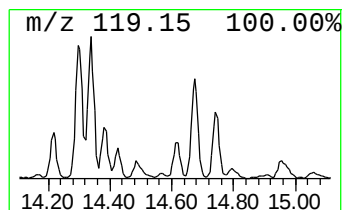
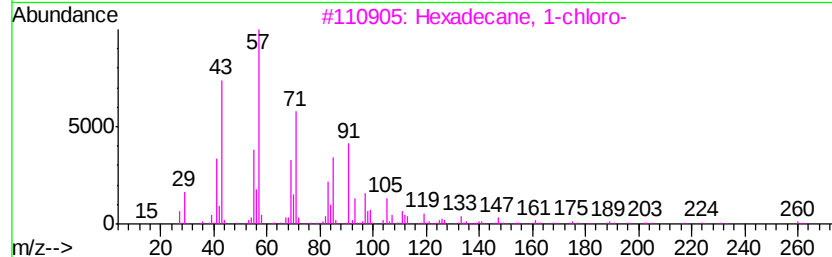
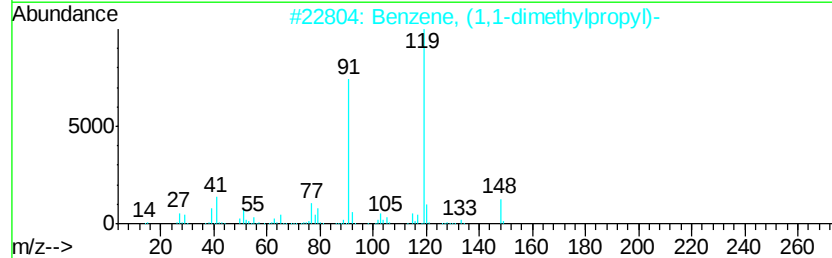
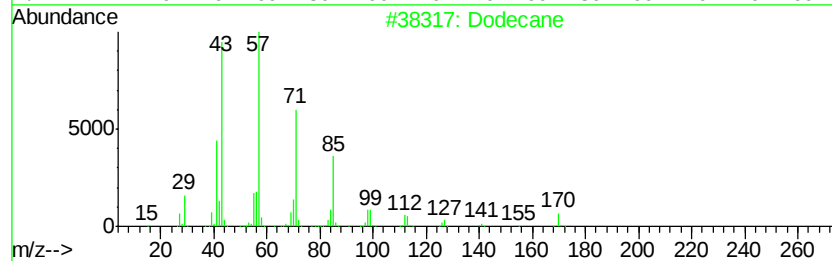
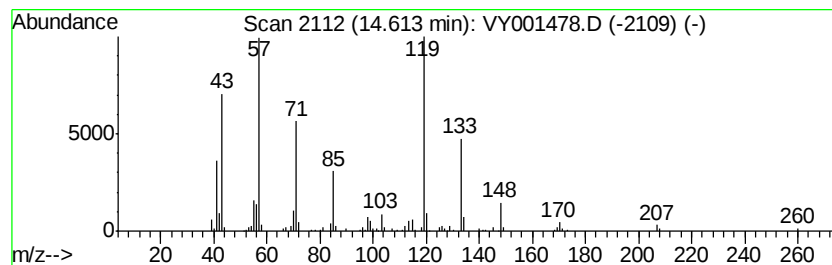
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Dodecane Concentration Rank 10

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.61 | 5.76 ug/l | 73424 | 1,4-Dichlorobenzene-d4 | 13.43 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|----------|-------------|------|
| 1       | Dodecane                            |              | 170 | C12H26   | 000112-40-3 | 51   |
| 2       | Benzene, (1,1-dimethylpropyl)-      |              | 148 | C11H16   | 002049-95-8 | 38   |
| 3       | Hexadecane, 1-chloro-               |              | 260 | C16H33Cl | 004860-03-1 | 38   |
| 4       | Benzene, 1-methyl-4-(1-methylpro... |              | 148 | C11H16   | 001595-16-0 | 35   |
| 5       | Benzene, 1-methyl-3-(1-methyleth... |              | 134 | C10H14   | 000535-77-3 | 30   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
Data File : VY001478.D  
Acq On : 03 Feb 2020 17:13  
Operator : SY/MD  
Sample : L1383-09  
Misc : 4.42G/5ML/MSVOA Y/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260

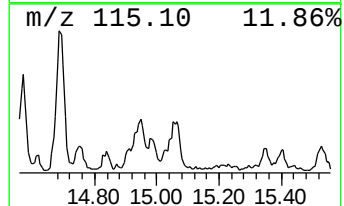
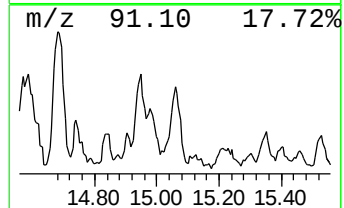
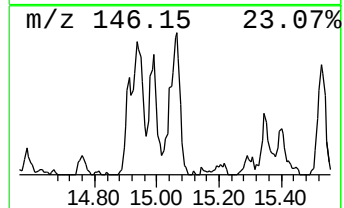
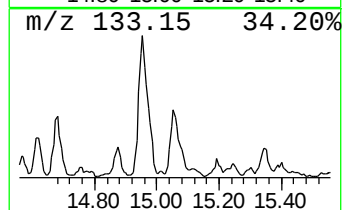
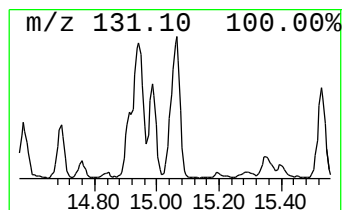
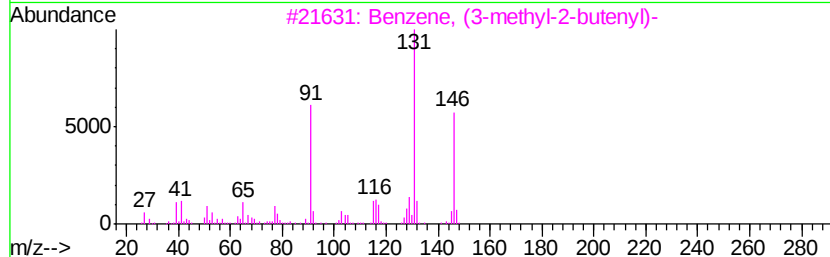
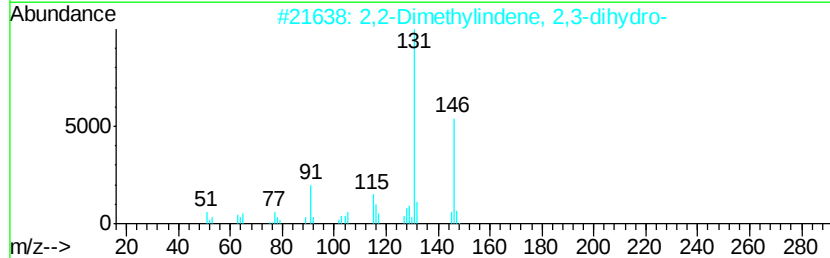
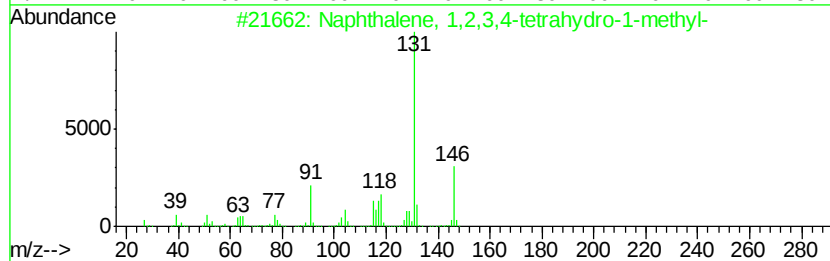
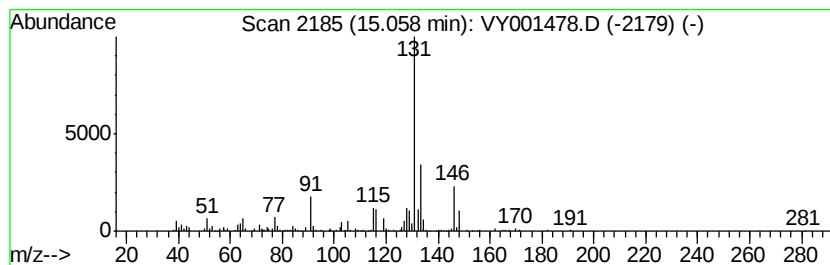
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 15.06 | 8.50 ug/l | 108306 | 1,4-Dichlorobenzene-d4 | 13.43 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001559-81-5 | 76   |
| 2    |    | 2,2-Dimethylindene, 2,3-dihydro-    | 146 | C11H14  | 020836-11-7 | 76   |
| 3    |    | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14  | 004489-84-3 | 76   |
| 4    |    | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 76   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 146 | C11H14  | 027087-54-3 | 76   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\DATA\VY020320\  
Data File : VY001478.D  
Acq On : 03 Feb 2020 17:13  
Operator : SY/MD  
Sample : L1383-09  
Misc : 4.42G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.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 |
| Decane               | 11.28 | 5.9     | ug/l  | 80505    | 3                     | 11.50 | 686708 | 50.0 |
| o-Cymene             | 13.97 | 11.9    | ug/l  | 151781   | 4                     | 13.43 | 637303 | 50.0 |
| 1-Phenyl-1-butene    | 14.08 | 8.0     | ug/l  | 102173   | 4                     | 13.43 | 637303 | 50.0 |
| Benzene, 1,2,4,5-... | 14.30 | 9.9     | ug/l  | 126512   | 4                     | 13.43 | 637303 | 50.0 |
| Benzene, 1-ethyl-... | 14.34 | 7.3     | ug/l  | 92741    | 4                     | 13.43 | 637303 | 50.0 |
| 1H-Indene, 2,3-di... | 14.57 | 11.2    | ug/l  | 142881   | 4                     | 13.43 | 637303 | 50.0 |
| Dodecane             | 14.61 | 5.8     | ug/l  | 73424    | 4                     | 13.43 | 637303 | 50.0 |
| Naphthalene, 1,2,... | 15.06 | 8.5     | ug/l  | 108306   | 4                     | 13.43 | 637303 | 50.0 |