

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102224\  
 Data File : VY019975.D  
 Acq On : 22 Oct 2024 12:49  
 Operator : SY/MD  
 Sample : P4460-02  
 Misc : 5.68g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WB-303-TOP

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\82Y1009245.M  
 Title : SW846 8260

Signal : TIC: VY019975.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.495       | 120           | 127         | 137          | rBV7     | 5769           | 21964         | 1.31%           | 0.169%        |
| 2         | 3.873       | 343           | 353         | 362          | rBV2     | 23974          | 70949         | 4.22%           | 0.547%        |
| 3         | 4.104       | 383           | 391         | 397          | rBV3     | 6155           | 17019         | 1.01%           | 0.131%        |
| 4         | 4.616       | 463           | 475         | 484          | rBV3     | 10552          | 34145         | 2.03%           | 0.263%        |
| 5         | 6.025       | 695           | 706         | 717          | rVB2     | 19520          | 65754         | 3.91%           | 0.507%        |
| 6         | 6.902       | 839           | 850         | 859          | rBV2     | 11550          | 35381         | 2.10%           | 0.273%        |
| 7         | 7.634       | 960           | 970         | 976          | rBV2     | 225032         | 542108        | 32.22%          | 4.177%        |
| 8         | 7.707       | 976           | 982         | 992          | rVB      | 319843         | 726836        | 43.20%          | 5.601%        |
| 9         | 8.061       | 1032          | 1040        | 1051         | rBV      | 231090         | 503972        | 29.95%          | 3.883%        |
| 10        | 8.616       | 1122          | 1131        | 1145         | rBV      | 586647         | 1162048       | 69.06%          | 8.954%        |
| 11        | 9.109       | 1201          | 1212        | 1218         | rBV5     | 21382          | 54007         | 3.21%           | 0.416%        |
| 12        | 9.884       | 1330          | 1339        | 1342         | rBV7     | 8172           | 23185         | 1.38%           | 0.179%        |
| 13        | 10.103      | 1368          | 1375        | 1390         | rBV      | 965299         | 1682658       | 100.00%         | 12.966%       |
| 14        | 10.408      | 1415          | 1425        | 1427         | rBV7     | 9235           | 18957         | 1.13%           | 0.146%        |
| 15        | 10.444      | 1427          | 1431        | 1437         | rVB3     | 16830          | 28652         | 1.70%           | 0.221%        |
| 16        | 10.542      | 1443          | 1447        | 1452         | rVB4     | 10587          | 18286         | 1.09%           | 0.141%        |
| 17        | 10.640      | 1459          | 1463        | 1468         | rVB      | 11884          | 17877         | 1.06%           | 0.138%        |
| 18        | 10.731      | 1472          | 1478        | 1483         | rVB2     | 26248          | 45192         | 2.69%           | 0.348%        |
| 19        | 10.829      | 1485          | 1494        | 1502         | rBV4     | 22321          | 62646         | 3.72%           | 0.483%        |
| 20        | 10.963      | 1511          | 1516        | 1520         | rVB      | 20103          | 29615         | 1.76%           | 0.228%        |
| 21        | 11.011      | 1520          | 1524        | 1531         | rVB2     | 33817          | 57710         | 3.43%           | 0.445%        |
| 22        | 11.127      | 1537          | 1543        | 1547         | rBV4     | 21806          | 38708         | 2.30%           | 0.298%        |
| 23        | 11.200      | 1547          | 1555        | 1567         | rVB7     | 27701          | 95251         | 5.66%           | 0.734%        |
| 24        | 11.304      | 1567          | 1572        | 1581         | rBV      | 30817          | 56464         | 3.36%           | 0.435%        |
| 25        | 11.414      | 1583          | 1590        | 1601         | rBV      | 894918         | 1438660       | 85.50%          | 11.086%       |
| 26        | 11.609      | 1616          | 1622        | 1625         | rVV6     | 13124          | 35376         | 2.10%           | 0.273%        |
| 27        | 11.664      | 1626          | 1631        | 1635         | rVV2     | 26995          | 56332         | 3.35%           | 0.434%        |
| 28        | 11.700      | 1635          | 1637        | 1643         | rVB2     | 15282          | 22939         | 1.36%           | 0.177%        |
| 29        | 11.950      | 1667          | 1678        | 1685         | rBV5     | 38647          | 129739        | 7.71%           | 1.000%        |
| 30        | 12.048      | 1690          | 1694        | 1698         | rVB      | 33564          | 48333         | 2.87%           | 0.372%        |
| 31        | 12.121      | 1698          | 1706        | 1708         | rBV6     | 24012          | 48098         | 2.86%           | 0.371%        |
| 32        | 12.164      | 1708          | 1713        | 1718         | rVB3     | 51793          | 101046        | 6.01%           | 0.779%        |
| 33        | 12.249      | 1723          | 1727        | 1732         | rVV      | 60669          | 100385        | 5.97%           | 0.774%        |
| 34        | 12.298      | 1732          | 1735        | 1739         | rVV5     | 20284          | 42373         | 2.52%           | 0.327%        |
| 35        | 12.334      | 1739          | 1741        | 1746         | rVB2     | 29490          | 41277         | 2.45%           | 0.318%        |
| 36        | 12.401      | 1746          | 1752        | 1762         | rBV      | 653816         | 1072928       | 63.76%          | 8.268%        |

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WB-303-TOP

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\82Y1009245.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 12.566 | 1775 | 1779 | 1787 | rVB7 | 22653  | 47263   | 2.81%  | 0.364% |
| 38 | 12.658 | 1787 | 1794 | 1795 | rBV5 | 14878  | 27464   | 1.63%  | 0.212% |
| 39 | 12.688 | 1795 | 1799 | 1802 | rBV  | 29008  | 46989   | 2.79%  | 0.362% |
| 40 | 12.731 | 1802 | 1806 | 1812 | rVB4 | 38978  | 72515   | 4.31%  | 0.559% |
| 41 | 12.895 | 1825 | 1833 | 1838 | rBV  | 102266 | 192282  | 11.43% | 1.482% |
| 42 | 12.962 | 1840 | 1844 | 1851 | rVB2 | 41153  | 66163   | 3.93%  | 0.510% |
| 43 | 13.042 | 1851 | 1857 | 1862 | rBV  | 95395  | 144151  | 8.57%  | 1.111% |
| 44 | 13.090 | 1862 | 1865 | 1869 | rVB4 | 14111  | 21494   | 1.28%  | 0.166% |
| 45 | 13.237 | 1882 | 1889 | 1893 | rBV5 | 35788  | 67908   | 4.04%  | 0.523% |
| 46 | 13.285 | 1893 | 1897 | 1900 | rVV3 | 24858  | 33947   | 2.02%  | 0.262% |
| 47 | 13.340 | 1900 | 1906 | 1918 | rVB  | 675509 | 1141470 | 67.84% | 8.796% |
| 48 | 13.541 | 1935 | 1939 | 1944 | rVB  | 171226 | 250796  | 14.90% | 1.933% |
| 49 | 13.584 | 1944 | 1946 | 1954 | rVB3 | 27371  | 37143   | 2.21%  | 0.286% |
| 50 | 13.670 | 1954 | 1960 | 1964 | rBV5 | 36388  | 68597   | 4.08%  | 0.529% |
| 51 | 13.712 | 1964 | 1967 | 1975 | rBV7 | 14055  | 27243   | 1.62%  | 0.210% |
| 52 | 13.804 | 1978 | 1982 | 1984 | rVV2 | 31622  | 49587   | 2.95%  | 0.382% |
| 53 | 13.834 | 1984 | 1987 | 1990 | rVV  | 55848  | 76795   | 4.56%  | 0.592% |
| 54 | 13.883 | 1990 | 1995 | 2001 | rVB2 | 278372 | 450553  | 26.78% | 3.472% |
| 55 | 13.999 | 2008 | 2014 | 2019 | rBV  | 123552 | 195555  | 11.62% | 1.507% |
| 56 | 14.127 | 2029 | 2035 | 2039 | rBV4 | 34592  | 79123   | 4.70%  | 0.610% |
| 57 | 14.188 | 2039 | 2045 | 2046 | rVV5 | 18940  | 41257   | 2.45%  | 0.318% |
| 58 | 14.249 | 2052 | 2055 | 2060 | rVB  | 51392  | 71687   | 4.26%  | 0.552% |
| 59 | 14.297 | 2060 | 2063 | 2066 | rVV4 | 26895  | 37764   | 2.24%  | 0.291% |
| 60 | 14.334 | 2066 | 2069 | 2072 | rVV5 | 22539  | 35662   | 2.12%  | 0.275% |
| 61 | 14.365 | 2072 | 2074 | 2081 | rVB3 | 21930  | 42357   | 2.52%  | 0.326% |
| 62 | 14.480 | 2088 | 2093 | 2098 | rBV3 | 41654  | 82167   | 4.88%  | 0.633% |
| 63 | 14.529 | 2098 | 2101 | 2105 | rVB4 | 26481  | 31508   | 1.87%  | 0.243% |
| 64 | 14.590 | 2105 | 2111 | 2117 | rBV4 | 130567 | 273556  | 16.26% | 2.108% |
| 65 | 14.651 | 2117 | 2121 | 2128 | rVV4 | 68429  | 153008  | 9.09%  | 1.179% |
| 66 | 14.742 | 2131 | 2136 | 2141 | rVV4 | 60310  | 102780  | 6.11%  | 0.792% |
| 67 | 14.852 | 2148 | 2154 | 2159 | rBV3 | 70051  | 136869  | 8.13%  | 1.055% |
| 68 | 14.962 | 2169 | 2172 | 2177 | rVB5 | 30918  | 50438   | 3.00%  | 0.389% |
| 69 | 15.120 | 2193 | 2198 | 2205 | rBV3 | 43662  | 78661   | 4.67%  | 0.606% |
| 70 | 15.242 | 2216 | 2218 | 2223 | rBV5 | 14236  | 23662   | 1.41%  | 0.182% |
| 71 | 15.511 | 2256 | 2262 | 2267 | rVB9 | 34709  | 72724   | 4.32%  | 0.560% |
| 72 | 15.730 | 2294 | 2298 | 2302 | rBV6 | 14447  | 24239   | 1.44%  | 0.187% |
| 73 | 15.980 | 2335 | 2339 | 2345 | rVB9 | 15309  | 35259   | 2.10%  | 0.272% |
| 74 | 16.047 | 2346 | 2350 | 2355 | rVB4 | 25972  | 40088   | 2.38%  | 0.309% |

Sum of corrected areas: 12977594

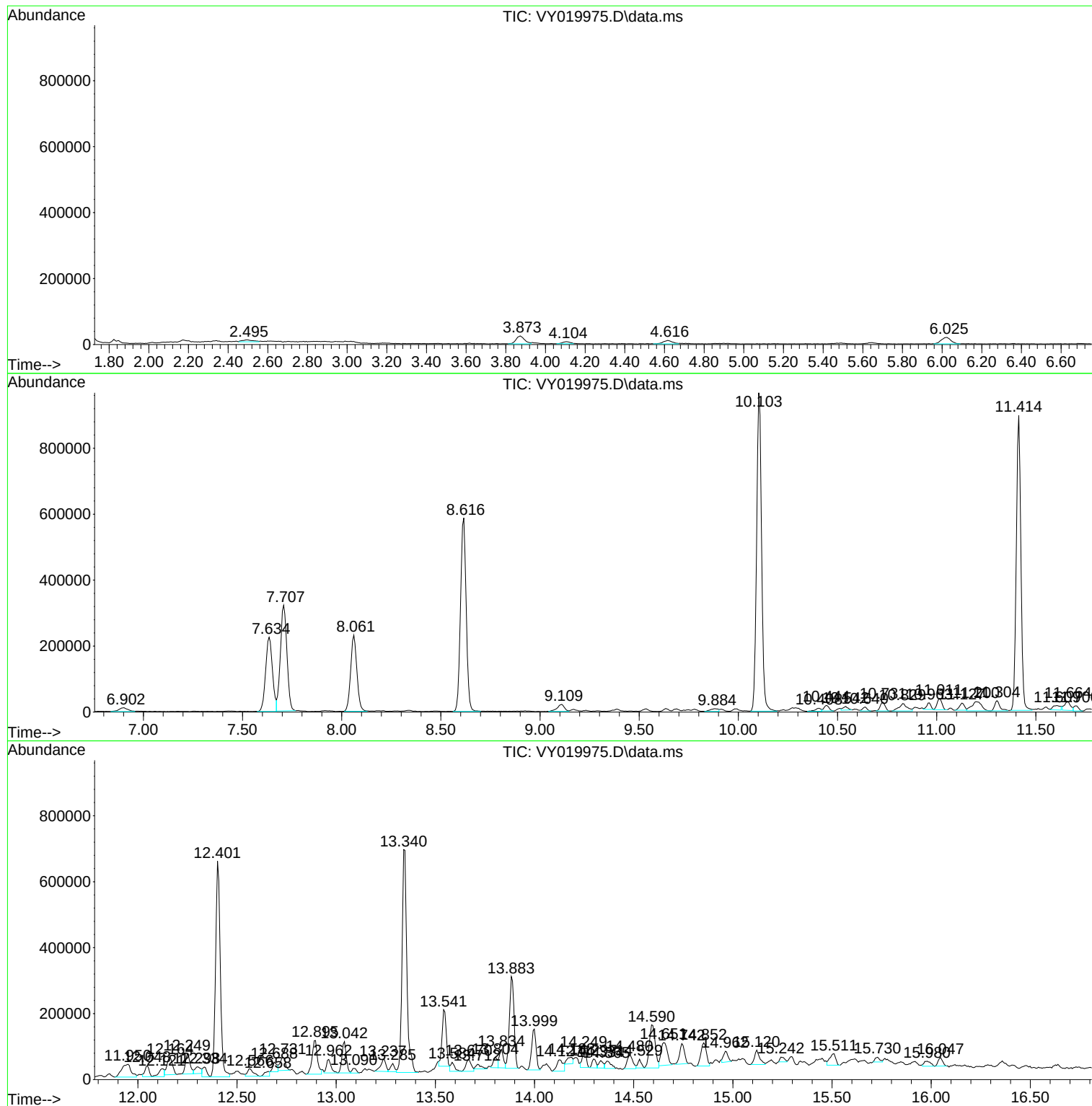
**Instrument :**  
MSVOA\_Y  
**ClientSampleId :**  
WB-303-TOP

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102224\  
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Sample : P4460-02  
Misc : 5.68g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WB-303-TOP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102224\  
Data File : VY019975.D  
Acq On : 22 Oct 2024 12:49  
Operator : SY/MD  
Sample : P4460-02  
Misc : 5.68g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WB-303-TOP

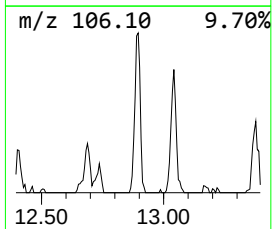
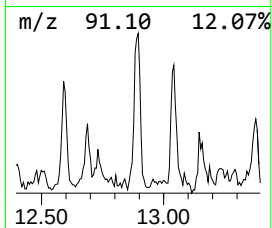
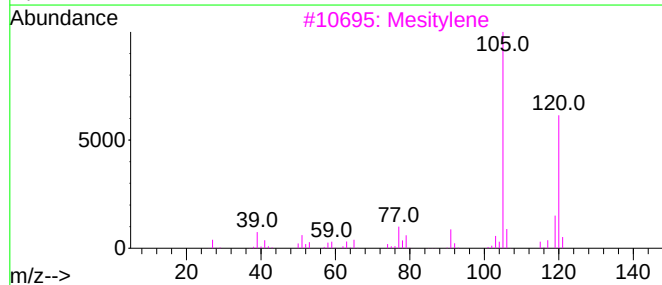
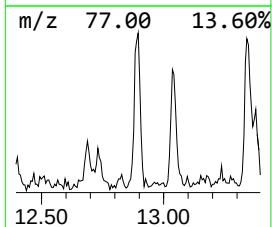
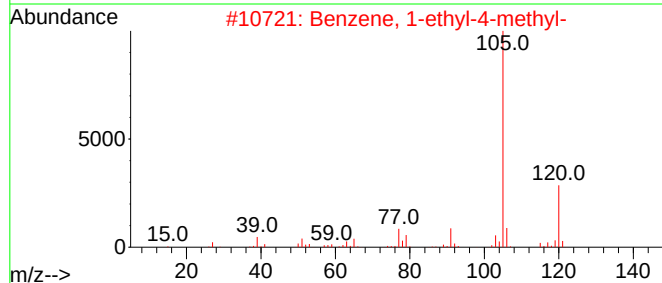
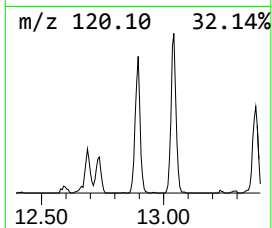
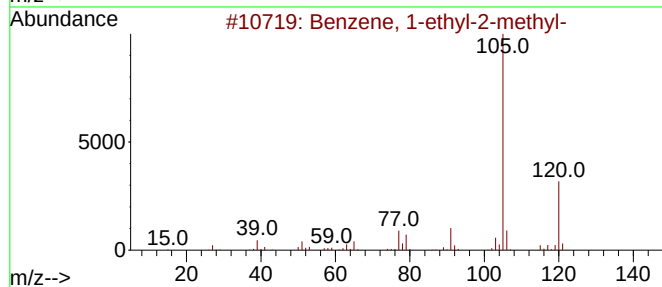
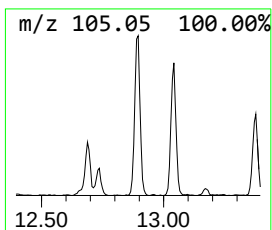
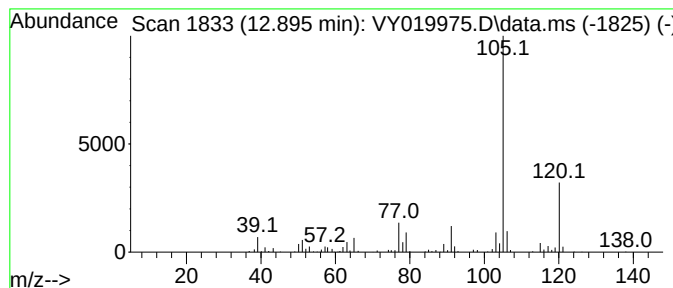
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Quant Title : SW846 8260

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

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Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.895 | 8.42 ug/l | 192282 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 3    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 5    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WB-303-TOP

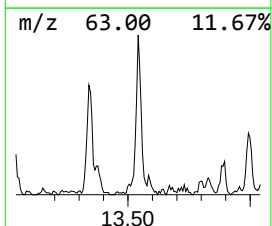
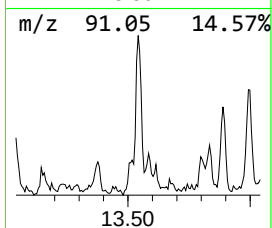
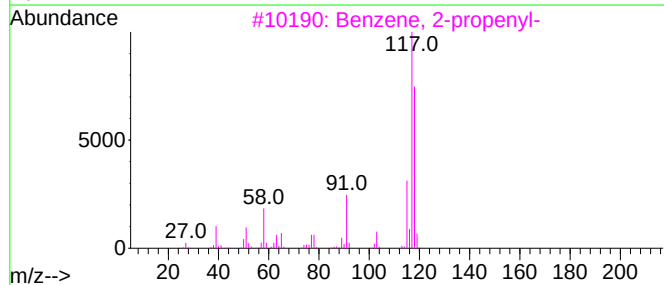
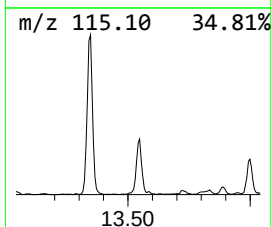
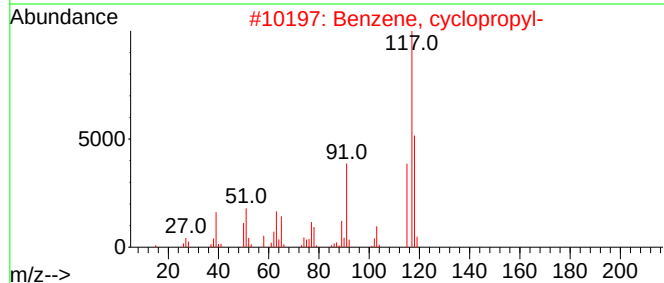
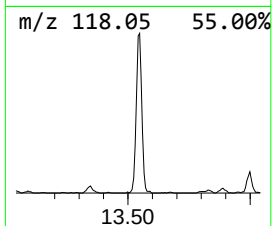
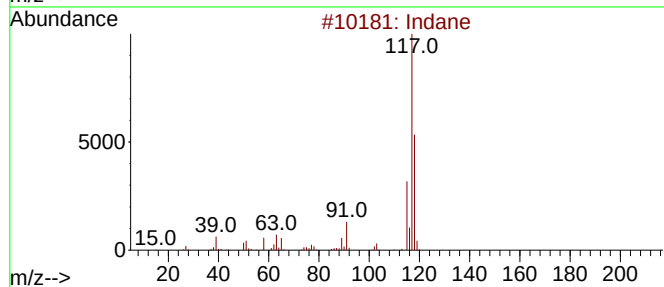
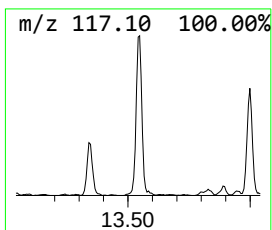
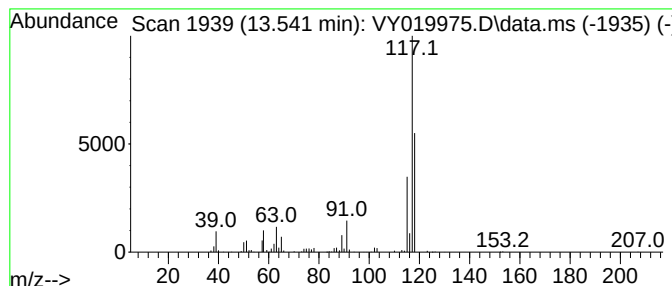
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Indane Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.541 | 10.99 ug/l | 250796 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 87   |
| 2    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 68   |
| 3    |    |   | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2  | 64   |
| 4    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 59   |
| 5    |    |   | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3  | 59   |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WB-303-TOP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260

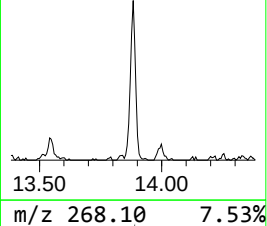
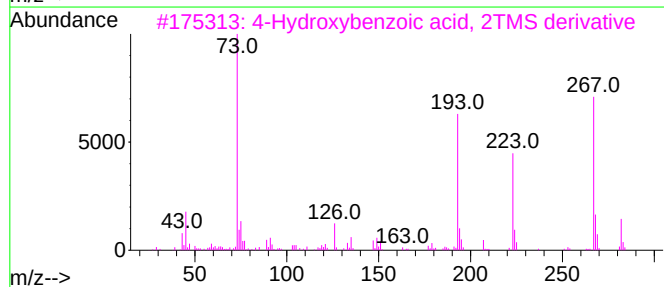
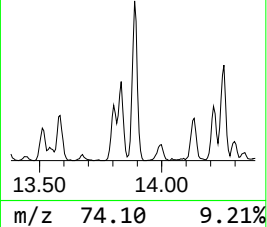
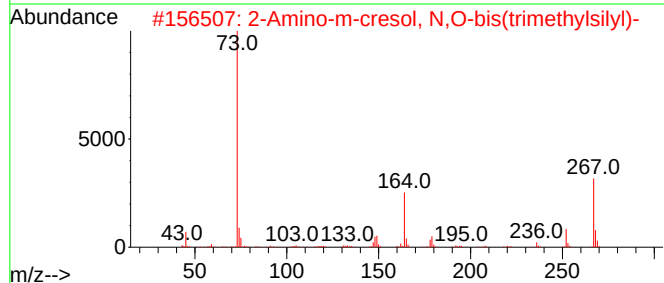
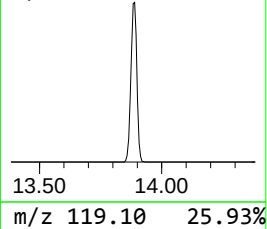
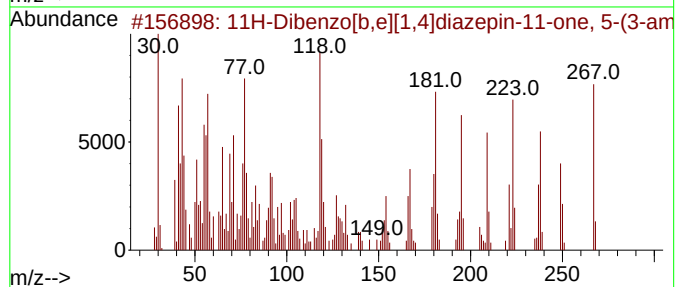
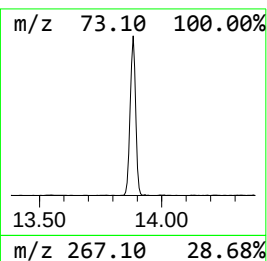
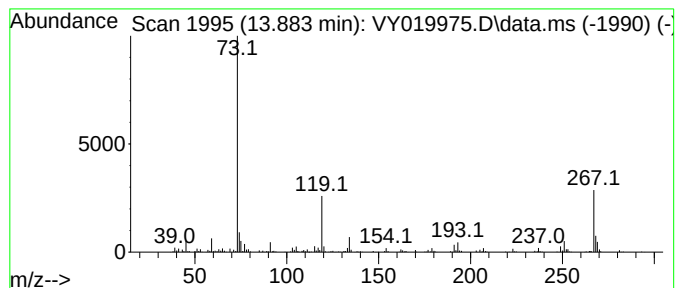
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 11H-Dibenzo[b,e][1,4]diazep... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.883 | 19.74 ug/l | 450553 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm        | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------------|--------------|------|
| 1    |    |   | 11H-Dibenzo[b,e][1,4]diazepin-11... | 267 | C16H17N3O      | 013450-73-2  | 95   |
| 2    |    |   | 2-Amino-m-cresol, N,O-bis(trimet... | 267 | C13H25NOSi2    | 1000449-77-1 | 43   |
| 3    |    |   | 4-Hydroxybenzoic acid, 2TMS deri... | 282 | C13H22O3Si2    | 002078-13-9  | 43   |
| 4    |    |   | Benzeneethanamine, N-[(pentaflu...  | 475 | C21H26F5NO2Si2 | 055429-85-1  | 38   |
| 5    |    |   | Acridone, TMS derivative            | 267 | C16H17NOSi     | 1000478-16-0 | 37   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102224\  
Data File : VY019975.D  
Acq On : 22 Oct 2024 12:49  
Operator : SY/MD  
Sample : P4460-02  
Misc : 5.68g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WB-303-TOP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260

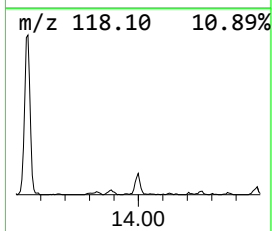
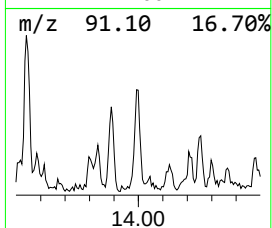
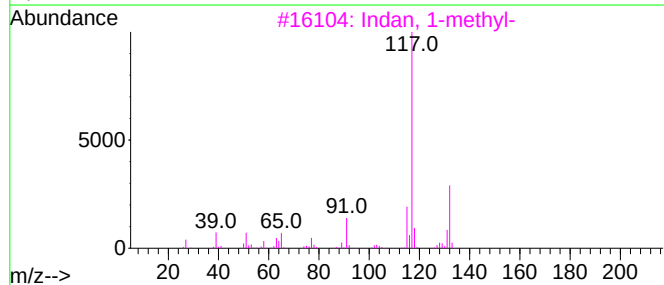
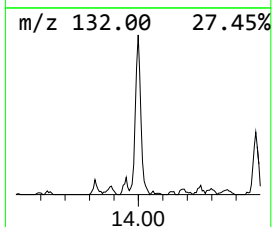
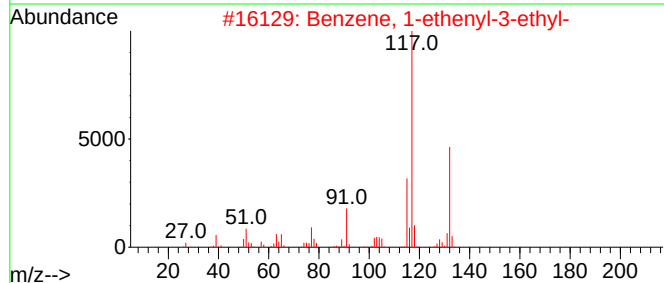
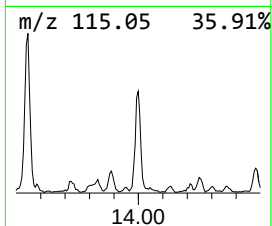
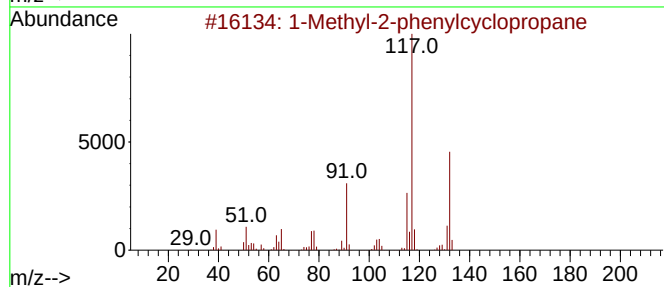
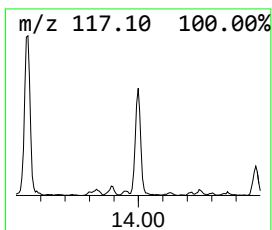
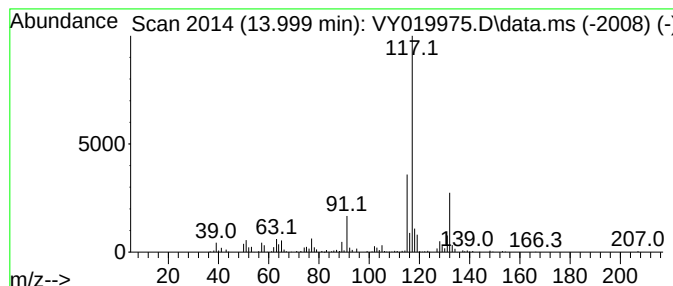
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 1-Methyl-2-phenylcyclopropane Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.999 | 8.57 ug/l | 195555 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Methyl-2-phenylcyclopropane   | 132 | C10H12  | 003145-76-4 | 90   |
| 2    |    |   | Benzene, 1-ethenyl-3-ethyl-     | 132 | C10H12  | 007525-62-4 | 90   |
| 3    |    |   | Indan, 1-methyl-                | 132 | C10H12  | 000767-58-8 | 87   |
| 4    |    |   | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12  | 000768-49-0 | 87   |
| 5    |    |   | 3-Phenylbut-1-ene               | 132 | C10H12  | 000934-10-1 | 80   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102224\  
Data File : VY019975.D  
Acq On : 22 Oct 2024 12:49  
Operator : SY/MD  
Sample : P4460-02  
Misc : 5.68g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WB-303-TOP

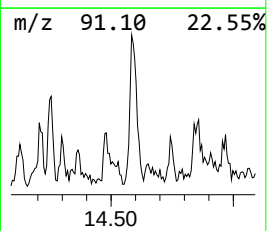
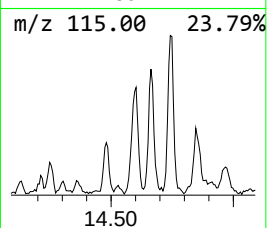
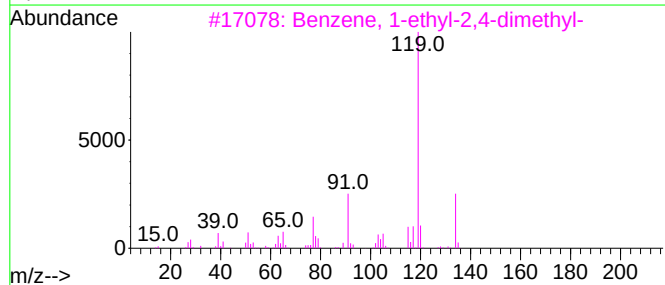
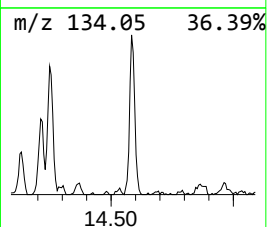
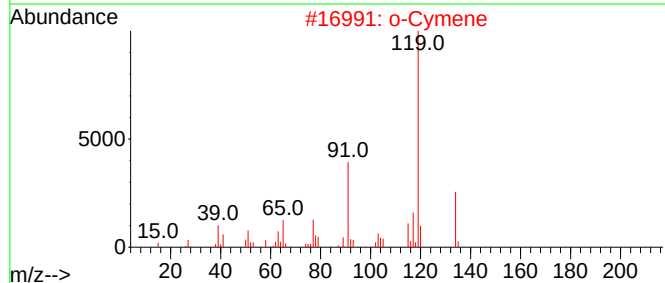
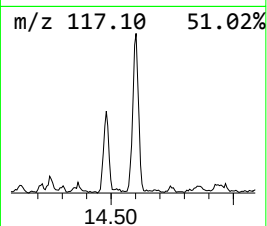
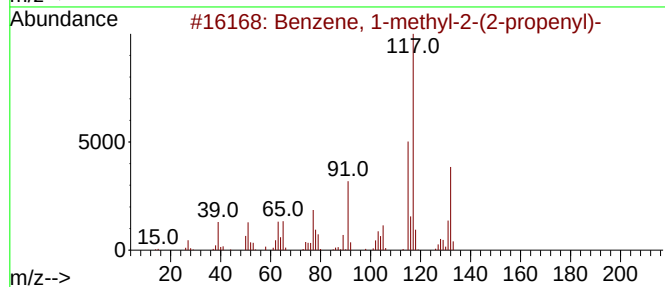
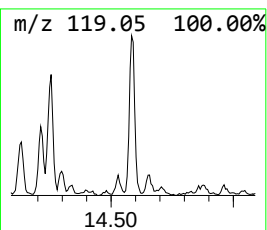
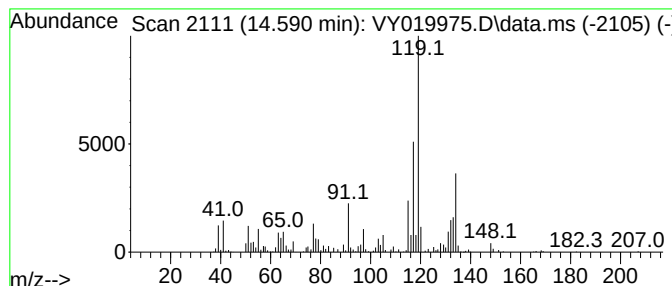
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Quant Title : SW846 8260

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

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Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.590 | 11.98 ug/l | 273556 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 70   |
| 2    |    |   | o-Cymene                          | 134 | C10H14  | 000527-84-4 | 55   |
| 3    |    |   | Benzene, 1-ethyl-2,4-dimethyl-    | 134 | C10H14  | 000874-41-9 | 55   |
| 4    |    |   | Benzene, 1,2,3,5-tetramethyl-     | 134 | C10H14  | 000527-53-7 | 55   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl-    | 134 | C10H14  | 002870-04-4 | 55   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102224\  
Data File : VY019975.D  
Acq On : 22 Oct 2024 12:49  
Operator : SY/MD  
Sample : P4460-02  
Misc : 5.68g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WB-303-TOP

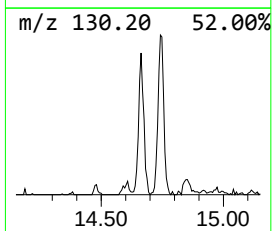
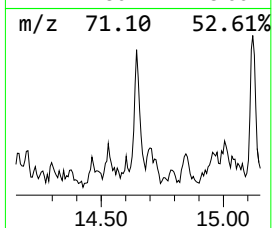
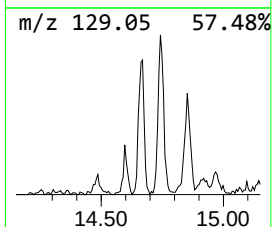
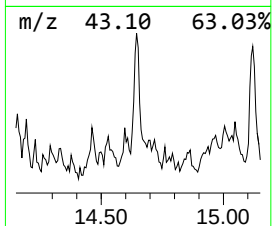
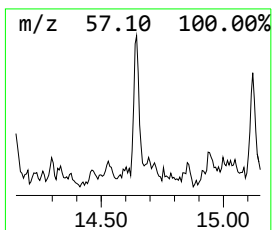
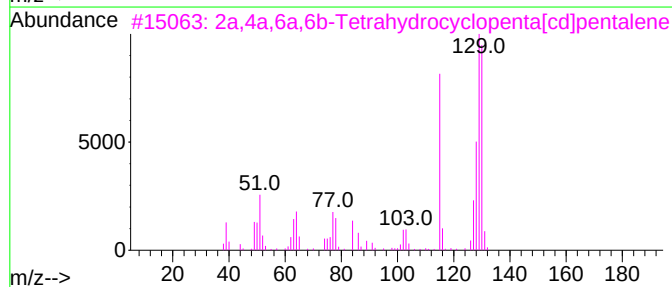
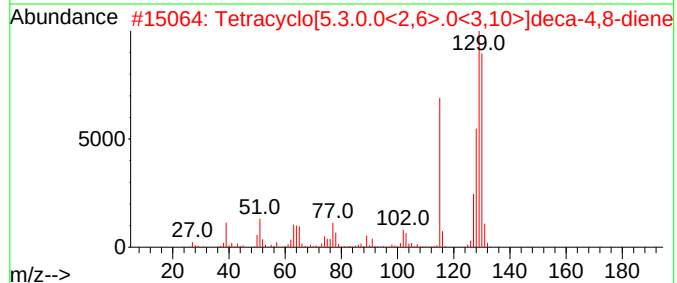
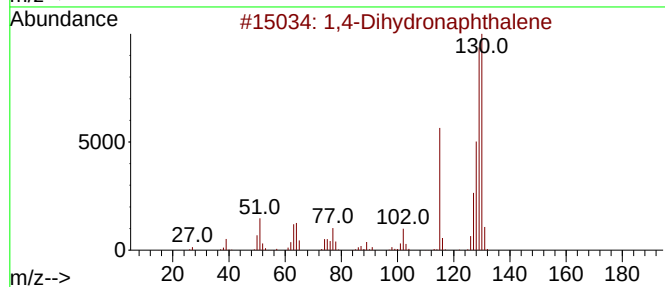
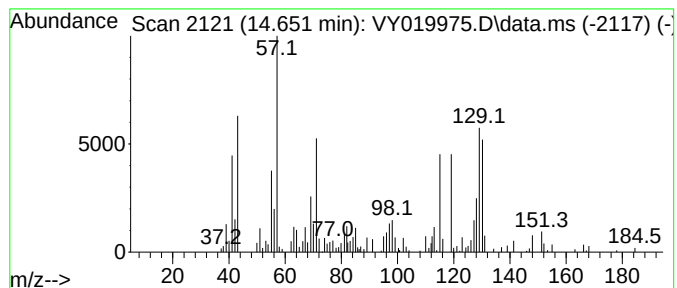
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Quant Title : SW846 8260

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

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Peak Number 6 1,4-Dihydronaphthalene Concentration Rank 6

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.651 | 6.70 ug/l | 153008 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1,4-Dihydronaphthalene              | 130 | C10H10  | 000612-17-9 | 70   |
| 2    |    |   | Tetracyclo[5.3.0.0<2,6>.0<3,10>]... | 130 | C10H10  | 034324-40-8 | 62   |
| 3    |    |   | 2a,4a,6a,6b-Tetrahydrocyclopenta... | 130 | C10H10  | 006053-74-3 | 46   |
| 4    |    |   | Benzene, (cyclopropylidenemethyl)-  | 130 | C10H10  | 007555-67-1 | 46   |
| 5    |    |   | Naphthalene, 1,2-dihydro-           | 130 | C10H10  | 000447-53-0 | 46   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102224\  
Data File : VY019975.D  
Acq On : 22 Oct 2024 12:49  
Operator : SY/MD  
Sample : P4460-02  
Misc : 5.68g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WB-303-TOP

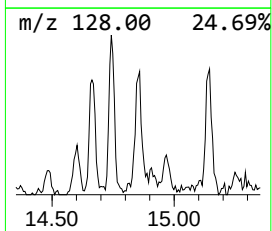
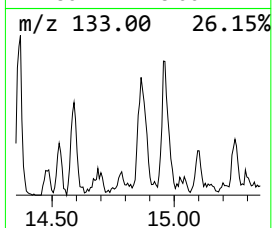
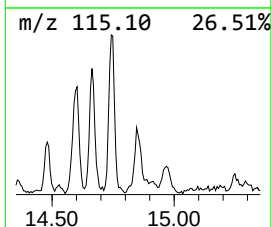
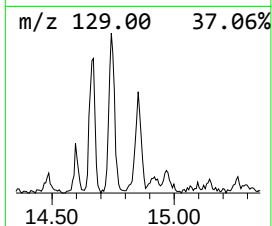
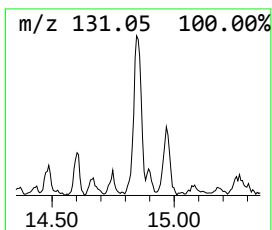
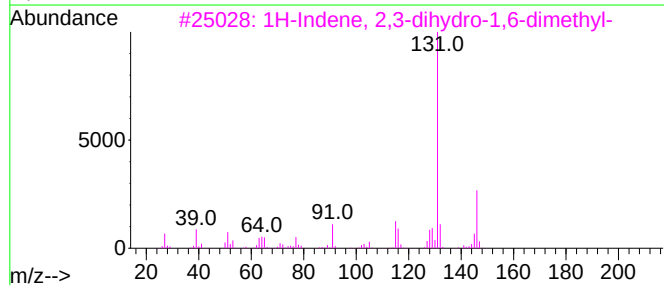
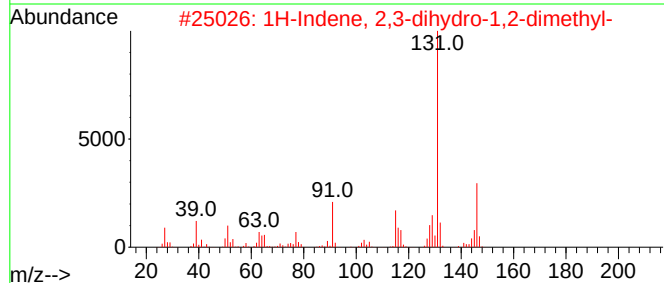
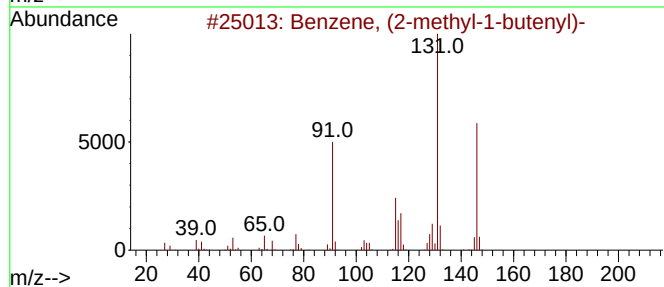
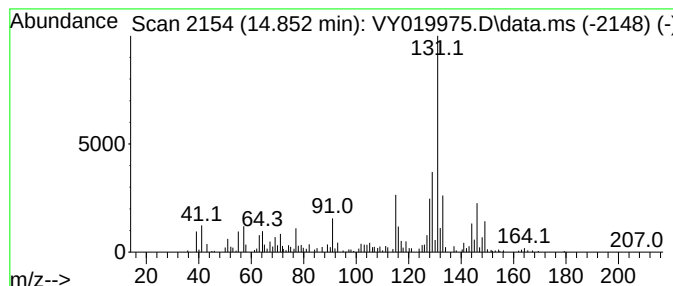
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260

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

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Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.852 | 6.00 ug/l | 136869 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 62   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 62   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14  | 017059-48-2 | 58   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 58   |
| 5    |    |   | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14  | 097664-18-1 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102224\  
Data File : VY019975.D  
Acq On : 22 Oct 2024 12:49  
Operator : SY/MD  
Sample : P4460-02  
Misc : 5.68g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WB-303-TOP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzene, 1-ethy... | 12.895 | 8.4     | ug/l  | 192282   | 4                     | 13.346 | 1141470 | 50.0 |
| Indane             | 13.541 | 11.0    | ug/l  | 250796   | 4                     | 13.346 | 1141470 | 50.0 |
| 11H-Dibenzo[b,e... | 13.883 | 19.7    | ug/l  | 450553   | 4                     | 13.346 | 1141470 | 50.0 |
| 1-Methyl-2-phen... | 13.999 | 8.6     | ug/l  | 195555   | 4                     | 13.346 | 1141470 | 50.0 |
| Benzene, 1-meth... | 14.590 | 12.0    | ug/l  | 273556   | 4                     | 13.346 | 1141470 | 50.0 |
| 1,4-Dihydronaph... | 14.651 | 6.7     | ug/l  | 153008   | 4                     | 13.346 | 1141470 | 50.0 |
| Benzene, (2-met... | 14.852 | 6.0     | ug/l  | 136869   | 4                     | 13.346 | 1141470 | 50.0 |