

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083122\  
 Data File : VY010254.D  
 Acq On : 31 Aug 2022 18:38  
 Operator : KP/MD  
 Sample : N4426-01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI-344

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\82Y083022S.M

Title : SW846 8260

Signal : TIC: VY010254.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         | 2.211       | 58            | 64          | 75           | rVB4     | 4072           | 8417          | 1.62%           | 0.145%        |
| 2         | 3.375       | 247           | 255         | 267          | rBV3     | 2557           | 6966          | 1.34%           | 0.120%        |
| 3         | 3.936       | 338           | 347         | 358          | rBV      | 12261          | 34748         | 6.70%           | 0.597%        |
| 4         | 4.192       | 378           | 389         | 399          | rBV2     | 2710           | 8436          | 1.63%           | 0.145%        |
| 5         | 4.704       | 462           | 473         | 488          | rBV2     | 21660          | 66453         | 12.82%          | 1.142%        |
| 6         | 4.954       | 498           | 514         | 524          | rBV3     | 5559           | 21963         | 4.24%           | 0.378%        |
| 7         | 5.741       | 633           | 643         | 654          | rBV7     | 4044           | 12887         | 2.49%           | 0.222%        |
| 8         | 6.972       | 833           | 845         | 860          | rBV2     | 33583          | 101122        | 19.51%          | 1.738%        |
| 9         | 7.710       | 954           | 966         | 972          | rBV2     | 77987          | 183365        | 35.38%          | 3.152%        |
| 10        | 7.783       | 972           | 978         | 992          | rVB      | 123875         | 276603        | 53.36%          | 4.755%        |
| 11        | 8.137       | 1025          | 1036        | 1048         | rBV2     | 77137          | 173467        | 33.47%          | 2.982%        |
| 12        | 8.685       | 1116          | 1126        | 1136         | rBV      | 186867         | 369699        | 71.33%          | 6.355%        |
| 13        | 9.136       | 1193          | 1200        | 1209         | rBV      | 10481          | 20723         | 4.00%           | 0.356%        |
| 14        | 9.277       | 1217          | 1223        | 1230         | rBV      | 4779           | 9160          | 1.77%           | 0.157%        |
| 15        | 10.069      | 1345          | 1353        | 1361         | rBV      | 13091          | 23488         | 4.53%           | 0.404%        |
| 16        | 10.179      | 1361          | 1371        | 1376         | rVV      | 297177         | 518325        | 100.00%         | 8.910%        |
| 17        | 10.240      | 1376          | 1381        | 1393         | rVB      | 69679          | 121191        | 23.38%          | 2.083%        |
| 18        | 10.575      | 1431          | 1436        | 1449         | rVB3     | 9370           | 19121         | 3.69%           | 0.329%        |
| 19        | 10.831      | 1468          | 1478        | 1489         | rBV      | 10194          | 18946         | 3.66%           | 0.326%        |
| 20        | 10.941      | 1489          | 1496        | 1502         | rBV      | 20143          | 32851         | 6.34%           | 0.565%        |
| 21        | 11.319      | 1553          | 1558        | 1563         | rVB2     | 5657           | 9789          | 1.89%           | 0.168%        |
| 22        | 11.490      | 1577          | 1586        | 1596         | rBV      | 281605         | 461258        | 88.99%          | 7.929%        |
| 23        | 11.593      | 1596          | 1603        | 1611         | rVB      | 29072          | 48939         | 9.44%           | 0.841%        |
| 24        | 11.697      | 1611          | 1620        | 1631         | rBV      | 137237         | 261675        | 50.48%          | 4.498%        |
| 25        | 12.026      | 1662          | 1674        | 1681         | rBV      | 74007          | 128447        | 24.78%          | 2.208%        |
| 26        | 12.105      | 1681          | 1687        | 1694         | rBV      | 32362          | 53242         | 10.27%          | 0.915%        |
| 27        | 12.246      | 1705          | 1710        | 1715         | rVB3     | 5887           | 10630         | 2.05%           | 0.183%        |
| 28        | 12.483      | 1742          | 1749        | 1759         | rVB2     | 231763         | 389268        | 75.10%          | 6.692%        |
| 29        | 12.733      | 1785          | 1790        | 1793         | rBV      | 17050          | 29670         | 5.72%           | 0.510%        |
| 30        | 12.764      | 1793          | 1795        | 1798         | rVV3     | 10133          | 15480         | 2.99%           | 0.266%        |
| 31        | 12.806      | 1798          | 1802        | 1808         | rVV3     | 46781          | 77514         | 14.95%          | 1.333%        |
| 32        | 12.861      | 1808          | 1811        | 1817         | rVB7     | 6284           | 9758          | 1.88%           | 0.168%        |
| 33        | 12.971      | 1817          | 1829        | 1834         | rBV6     | 9737           | 31000         | 5.98%           | 0.533%        |
| 34        | 13.038      | 1836          | 1840        | 1845         | rVV7     | 6346           | 8280          | 1.60%           | 0.142%        |
| 35        | 13.117      | 1848          | 1853        | 1857         | rVV      | 45958          | 67211         | 12.97%          | 1.155%        |
| 36        | 13.166      | 1857          | 1861        | 1869         | rVB2     | 23315          | 38141         | 7.36%           | 0.656%        |

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI-344

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\82Y083022S.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 13.312 | 1878 | 1885 | 1890 | rBV6 | 13121  | 26429  | 5.10%  | 0.454% |
| 38 | 13.367 | 1890 | 1894 | 1896 | rBV4 | 6145   | 8931   | 1.72%  | 0.154% |
| 39 | 13.422 | 1896 | 1903 | 1911 | rBV  | 298421 | 491344 | 94.79% | 8.447% |
| 40 | 13.489 | 1911 | 1914 | 1917 | rVV4 | 14644  | 22423  | 4.33%  | 0.385% |
| 41 | 13.526 | 1917 | 1920 | 1928 | rVB2 | 19907  | 34844  | 6.72%  | 0.599% |
| 42 | 13.623 | 1928 | 1936 | 1939 | rBV2 | 20381  | 36617  | 7.06%  | 0.629% |
| 43 | 13.666 | 1939 | 1943 | 1951 | rVB3 | 13732  | 28517  | 5.50%  | 0.490% |
| 44 | 13.751 | 1951 | 1957 | 1961 | rBV2 | 44449  | 73097  | 14.10% | 1.257% |
| 45 | 13.886 | 1976 | 1979 | 1981 | rBV2 | 4707   | 5935   | 1.15%  | 0.102% |
| 46 | 13.916 | 1981 | 1984 | 1987 | rVV2 | 9046   | 12323  | 2.38%  | 0.212% |
| 47 | 13.965 | 1988 | 1992 | 1998 | rVB2 | 25592  | 43283  | 8.35%  | 0.744% |
| 48 | 14.081 | 2006 | 2011 | 2015 | rBV  | 24937  | 43433  | 8.38%  | 0.747% |
| 49 | 14.129 | 2015 | 2019 | 2022 | rVV4 | 14652  | 23920  | 4.61%  | 0.411% |
| 50 | 14.257 | 2036 | 2040 | 2041 | rBV2 | 16950  | 22788  | 4.40%  | 0.392% |
| 51 | 14.282 | 2041 | 2044 | 2050 | rVB2 | 31414  | 52221  | 10.07% | 0.898% |
| 52 | 14.385 | 2056 | 2061 | 2064 | rBV3 | 28742  | 49704  | 9.59%  | 0.854% |
| 53 | 14.471 | 2070 | 2075 | 2081 | rVB6 | 17504  | 35722  | 6.89%  | 0.614% |
| 54 | 14.568 | 2087 | 2091 | 2093 | rBV3 | 9626   | 16083  | 3.10%  | 0.276% |
| 55 | 14.611 | 2094 | 2098 | 2103 | rVB  | 64991  | 90471  | 17.45% | 1.555% |
| 56 | 14.684 | 2103 | 2110 | 2114 | rBV4 | 43814  | 98175  | 18.94% | 1.688% |
| 57 | 14.727 | 2114 | 2117 | 2124 | rVB4 | 33657  | 58418  | 11.27% | 1.004% |
| 58 | 14.800 | 2124 | 2129 | 2130 | rBV5 | 10844  | 17186  | 3.32%  | 0.295% |
| 59 | 14.830 | 2130 | 2134 | 2138 | rBV2 | 43712  | 79242  | 15.29% | 1.362% |
| 60 | 14.873 | 2138 | 2141 | 2147 | rVB2 | 37500  | 60358  | 11.64% | 1.038% |
| 61 | 14.940 | 2147 | 2152 | 2156 | rBV3 | 49669  | 85319  | 16.46% | 1.467% |
| 62 | 15.001 | 2156 | 2162 | 2164 | rBV3 | 28099  | 55475  | 10.70% | 0.954% |
| 63 | 15.038 | 2165 | 2168 | 2174 | rVB5 | 24791  | 57220  | 11.04% | 0.984% |
| 64 | 15.141 | 2181 | 2185 | 2190 | rVB5 | 30106  | 48295  | 9.32%  | 0.830% |
| 65 | 15.208 | 2192 | 2196 | 2201 | rVB3 | 30284  | 46717  | 9.01%  | 0.803% |
| 66 | 15.294 | 2202 | 2210 | 2215 | rBV6 | 48273  | 157295 | 30.35% | 2.704% |
| 67 | 15.434 | 2229 | 2233 | 2239 | rBV  | 97609  | 137347 | 26.50% | 2.361% |
| 68 | 15.727 | 2277 | 2281 | 2293 | rVB8 | 62869  | 129664 | 25.02% | 2.229% |

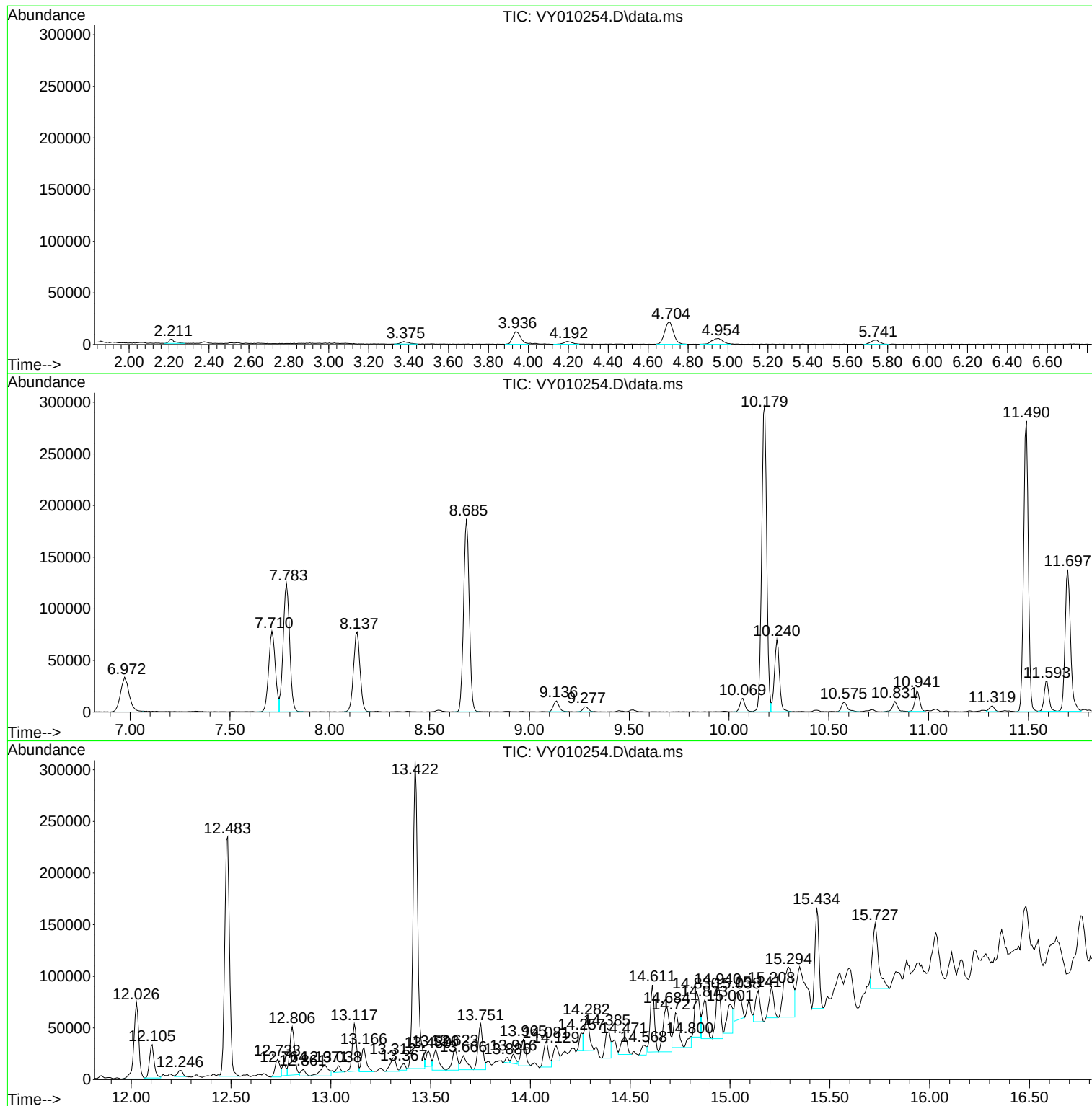
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Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-344

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.M  
Quant Title : SW846 8260

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



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MSVOA\_Y  
ClientSampleId :  
ETGI-344

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.M  
Quant Title : SW846 8260

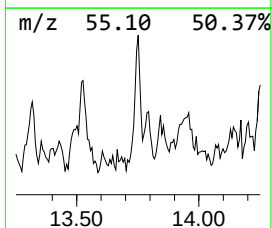
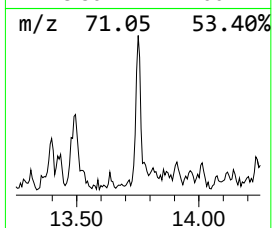
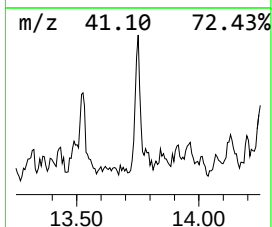
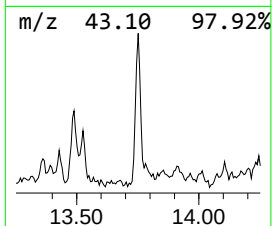
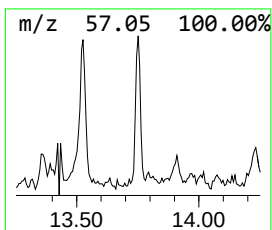
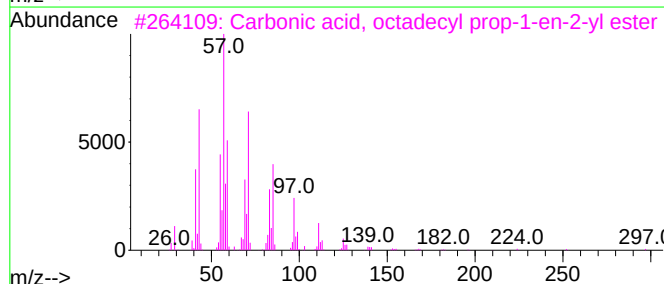
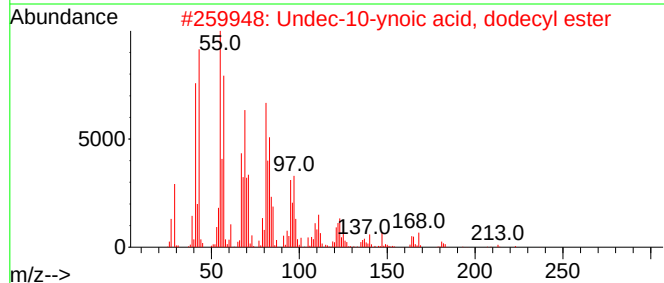
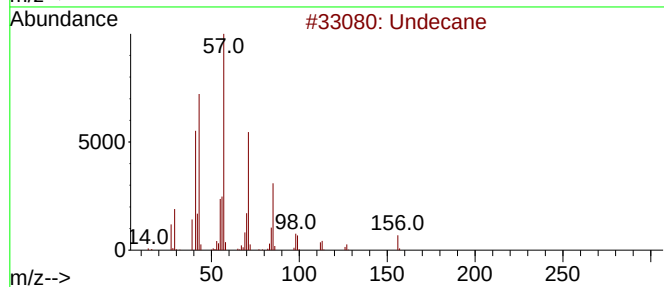
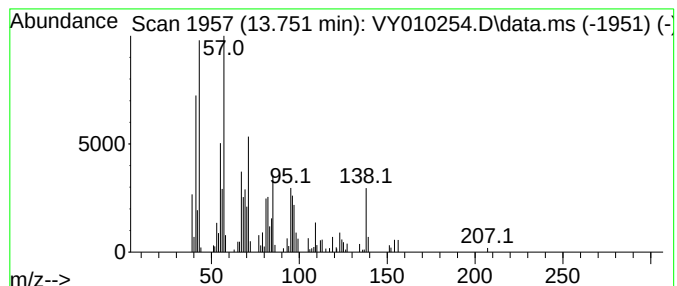
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Undecane Concentration Rank 8

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.751 | 7.44 ug/l | 73097 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 83   |
| 2    |    |   | Undec-10-ynoic acid, dodecyl ester  | 350 | C23H42O2 | 1010406-16-5 | 49   |
| 3    |    |   | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 46   |
| 4    |    |   | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3 | 1000382-90-3 | 46   |
| 5    |    |   | 9-Borabicyclo[3.3.1]nonane, 9-hy... | 138 | C8H15BO  | 063366-65-4  | 42   |



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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.M  
Quant Title : SW846 8260

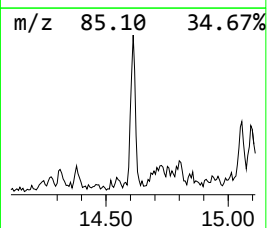
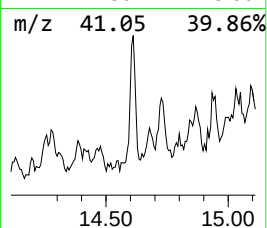
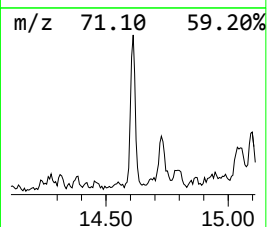
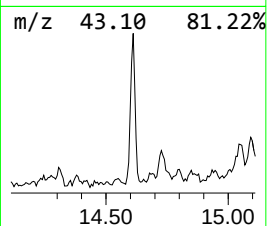
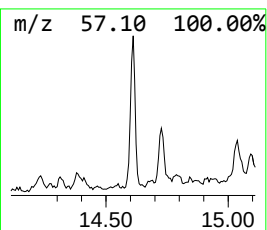
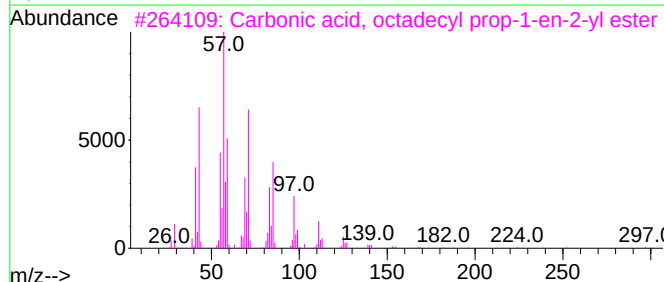
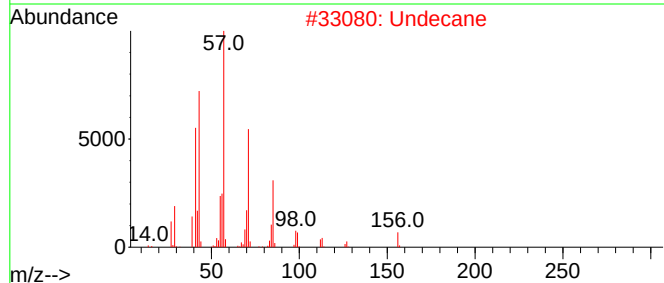
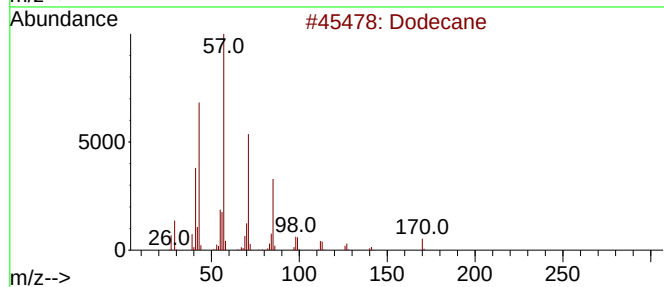
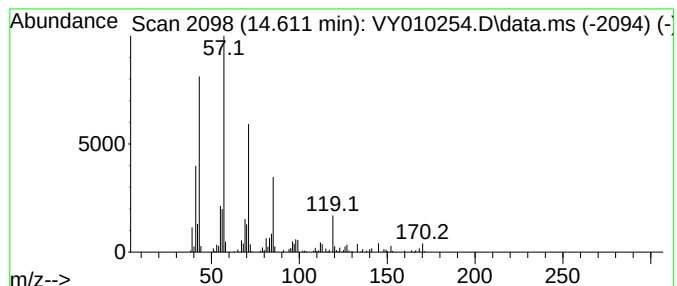
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Dodecane Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.611 | 9.21 ug/l | 90471 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Dodecane                            | 170 | C12H26   | 000112-40-3  | 96   |
| 2    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 72   |
| 3    |    |   | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 72   |
| 4    |    |   | Hexadecane                          | 226 | C16H34   | 000544-76-3  | 72   |
| 5    |    |   | Hexadecane, 7,9-dimethyl-           | 254 | C18H38   | 021164-95-4  | 72   |



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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-344

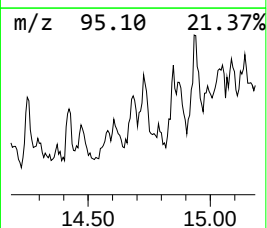
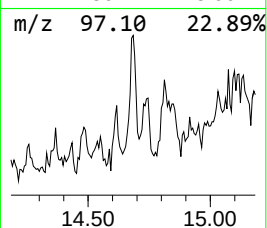
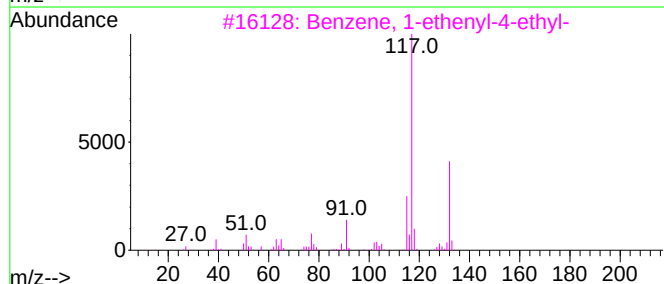
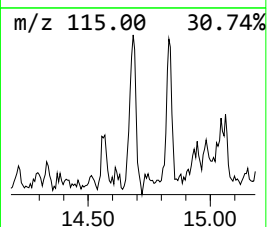
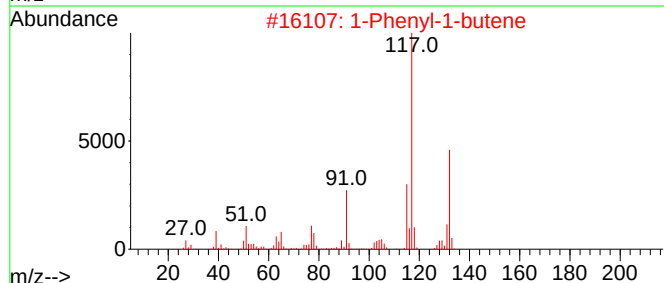
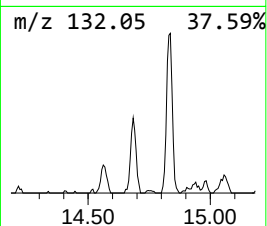
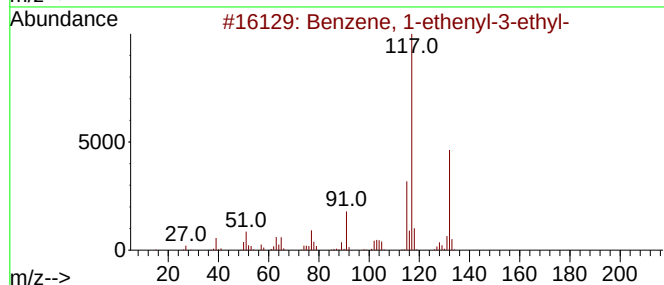
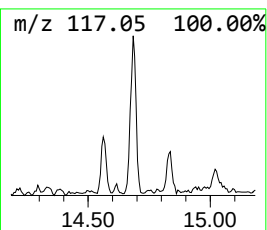
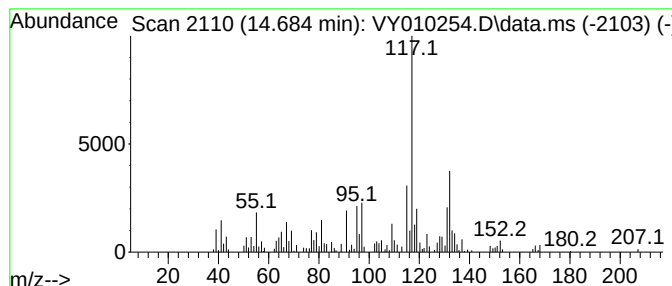
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.M  
Quant Title : SW846 8260

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

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Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.684 | 9.99 ug/l | 98175 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12  | 007525-62-4 | 91   |
| 2    |    |   | 1-Phenyl-1-butene           | 132 | C10H12  | 000824-90-8 | 64   |
| 3    |    |   | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12  | 003454-07-7 | 64   |
| 4    |    |   | Indan, 1-methyl-            | 132 | C10H12  | 000767-58-8 | 60   |
| 5    |    |   | Benzene, 2-butenyl-         | 132 | C10H12  | 001560-06-1 | 58   |



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MSVOA\_Y  
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ETGI-344

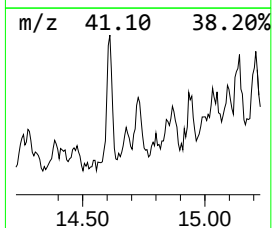
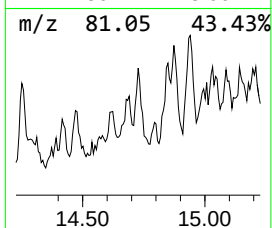
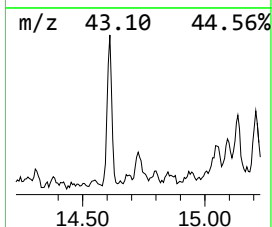
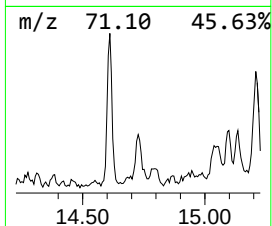
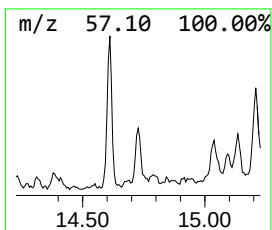
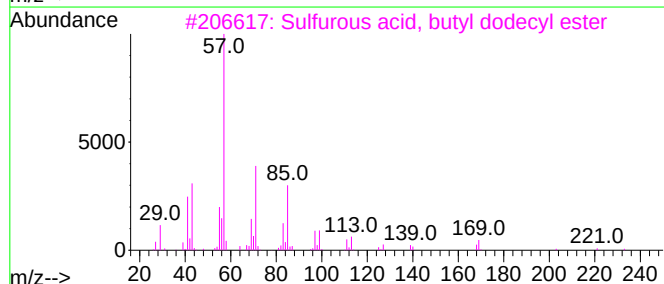
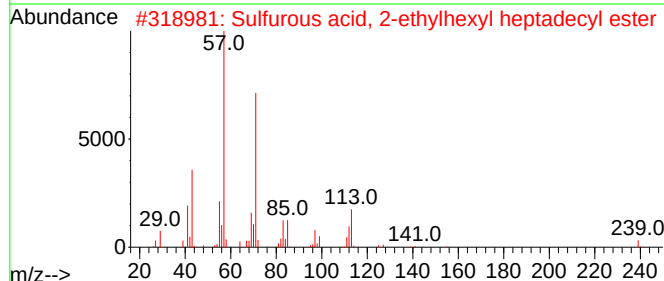
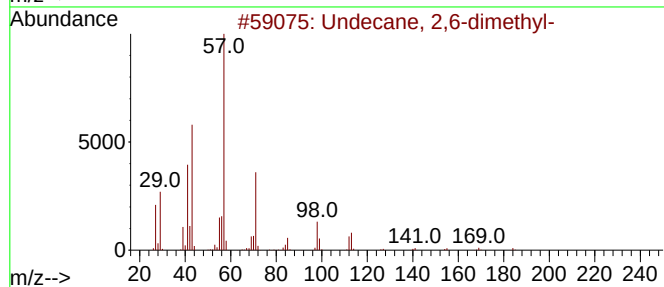
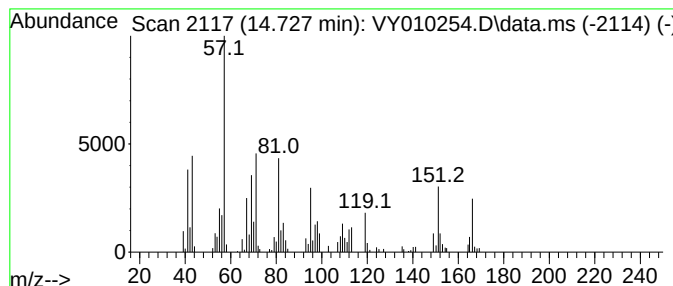
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Quant Title : SW846 8260

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

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Peak Number 4 unknown14.727 Concentration Rank 10

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.727 | 5.94 ug/l | 58418 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-             | 184 | C13H28    | 017301-23-4  | 35   |
| 2    |    |   | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 27   |
| 3    |    |   | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 27   |
| 4    |    |   | Tetracontane, 3,5,24-trimethyl-     | 605 | C43H88    | 055162-61-3  | 27   |
| 5    |    |   | Octane, 1,1'-oxybis-                | 242 | C16H34O   | 000629-82-3  | 25   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083122\  
Data File : VY010254.D  
Acq On : 31 Aug 2022 18:38  
Operator : KP/MD  
Sample : N4426-01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-344

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.M  
Quant Title : SW846 8260

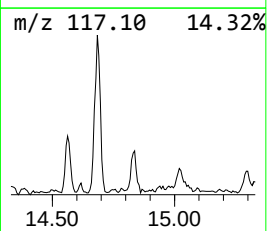
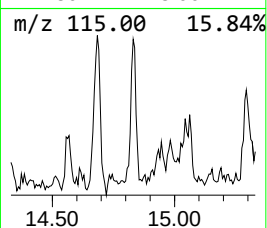
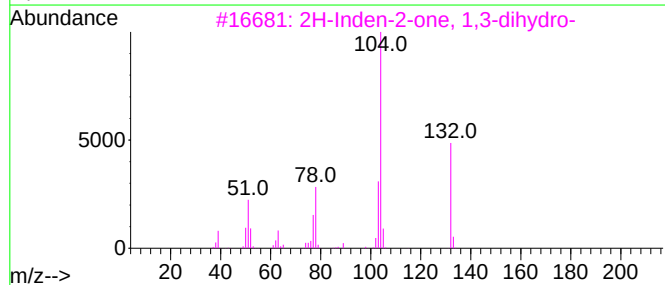
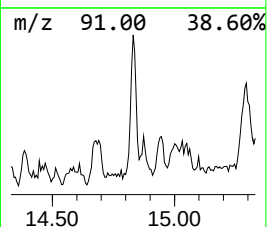
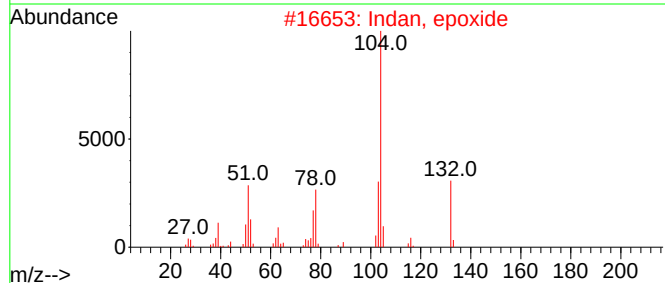
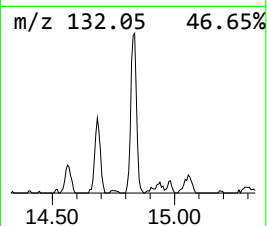
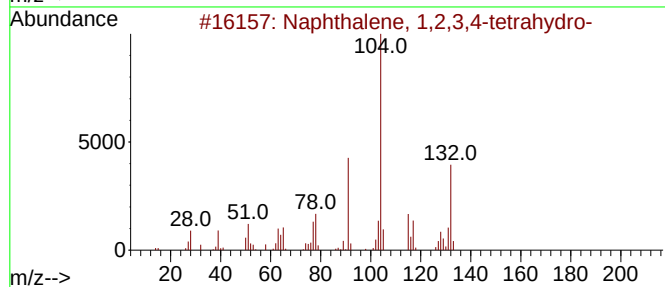
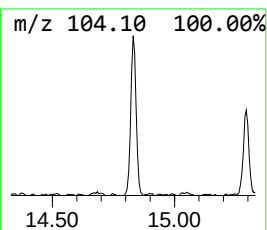
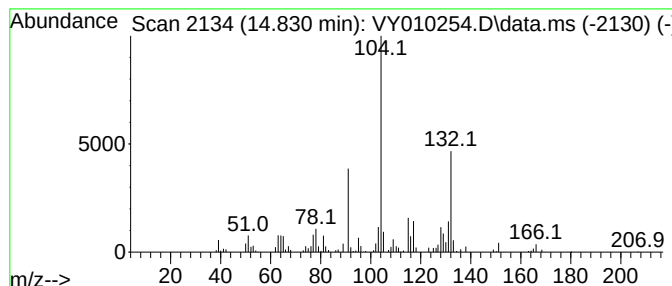
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 7

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.831 | 8.06 ug/l | 79242 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-    | 132 | C10H12   | 000119-64-2 | 95   |
| 2    |    |   | Indan, epoxide                      | 132 | C9H8O    | 000768-22-9 | 64   |
| 3    |    |   | 2H-Inden-2-one, 1,3-dihydro-        | 132 | C9H8O    | 000615-13-4 | 53   |
| 4    |    |   | Benzene, cyclobutyl-                | 132 | C10H12   | 004392-30-7 | 53   |
| 5    |    |   | 5,5-Dimethyl-4-phenyldihydrofura... | 190 | C12H14O2 | 013133-96-5 | 43   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083122\  
Data File : VY010254.D  
Acq On : 31 Aug 2022 18:38  
Operator : KP/MD  
Sample : N4426-01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-344

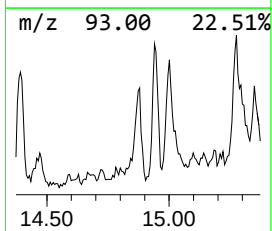
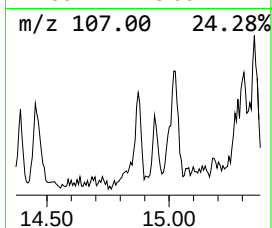
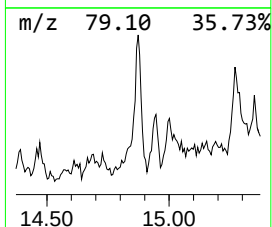
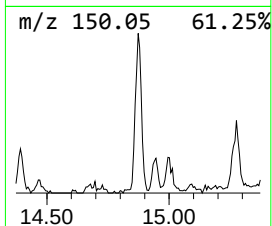
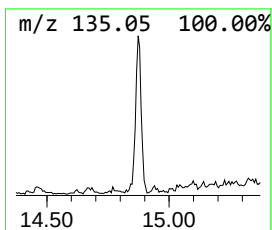
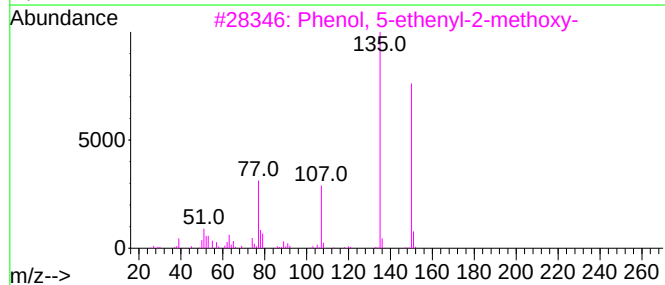
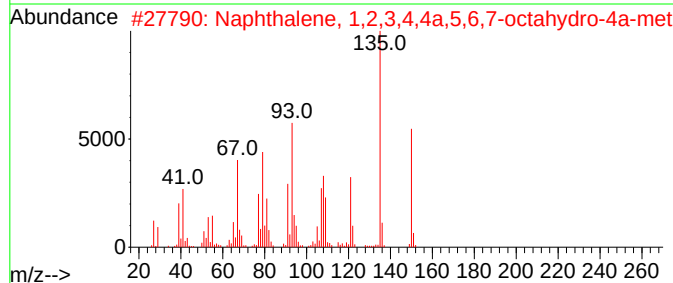
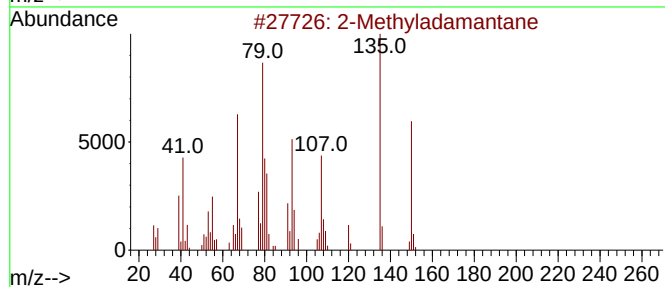
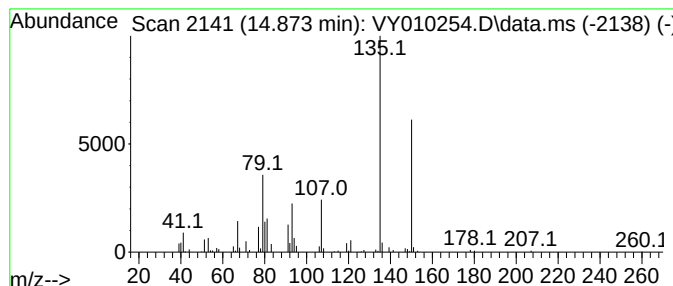
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Quant Title : SW846 8260

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

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Peak Number 6 2-Methyladamantane Concentration Rank 9

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.873 | 6.14 ug/l | 60358 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Methyladamantane                  | 150 | C11H18  | 000700-56-1 | 86   |
| 2    |    |   | Naphthalene, 1,2,3,4,4a,5,6,7-oc... | 150 | C11H18  | 013943-77-6 | 64   |
| 3    |    |   | Phenol, 5-ethenyl-2-methoxy-        | 150 | C9H10O2 | 000621-58-9 | 53   |
| 4    |    |   | 4-Hydroxy-3-methylacetophenone      | 150 | C9H10O2 | 000876-02-8 | 53   |
| 5    |    |   | Ethanone, 1-(2-hydroxy-5-methylp... | 150 | C9H10O2 | 001450-72-2 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083122\  
Data File : VY010254.D  
Acq On : 31 Aug 2022 18:38  
Operator : KP/MD  
Sample : N4426-01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-344

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.M  
Quant Title : SW846 8260

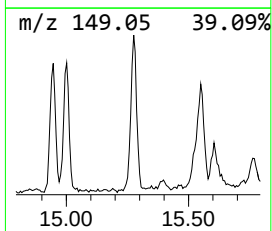
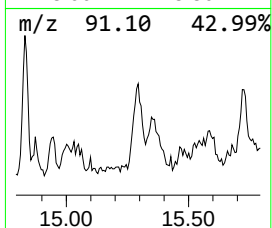
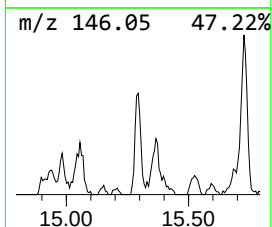
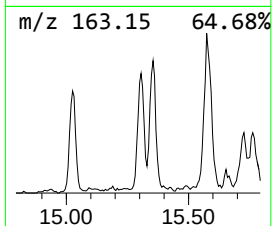
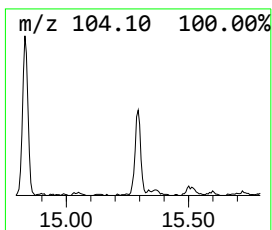
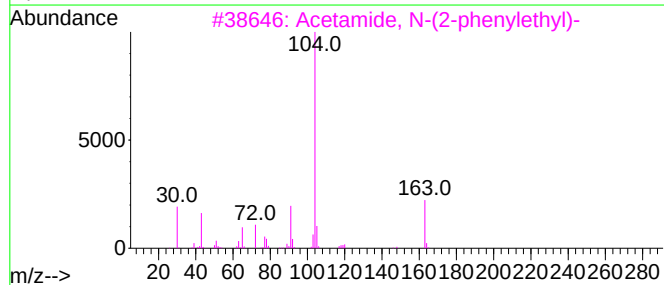
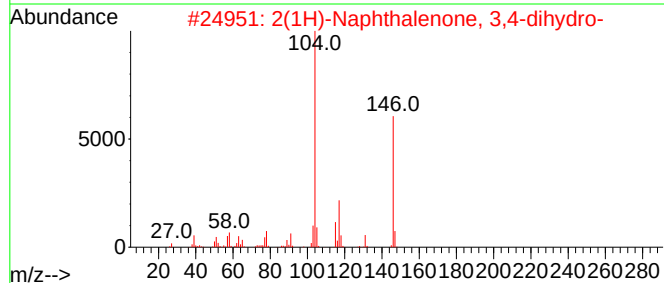
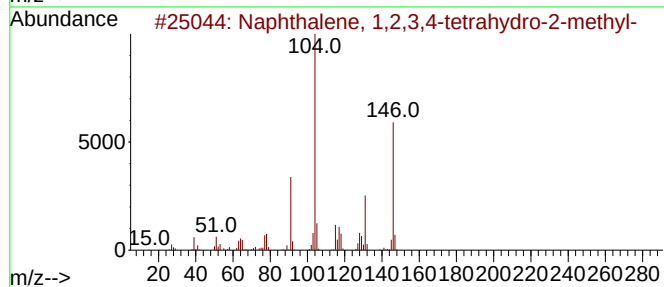
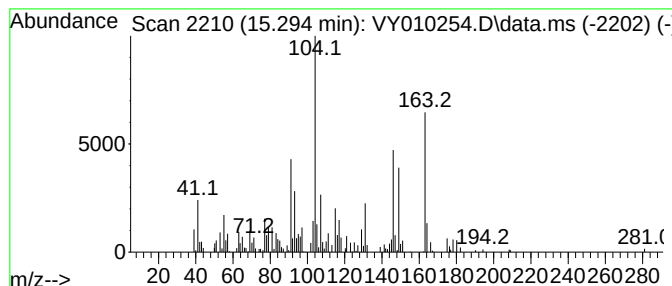
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.294 | 16.01 ug/l | 157295 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14   | 003877-19-8 | 90   |
| 2    |    |   | 2(1H)-Naphthalenone, 3,4-dihydro-   | 146 | C10H10O  | 000530-93-8 | 46   |
| 3    |    |   | Acetamide, N-(2-phenylethyl)-       | 163 | C10H13NO | 000877-95-2 | 35   |
| 4    |    |   | 2-Methylbenzyl cyanide              | 131 | C9H9N    | 022364-68-7 | 22   |
| 5    |    |   | Benzenepropanoic acid, methyl ester | 164 | C10H12O2 | 000103-25-3 | 14   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083122\  
Data File : VY010254.D  
Acq On : 31 Aug 2022 18:38  
Operator : KP/MD  
Sample : N4426-01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-344

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.M  
Quant Title : SW846 8260

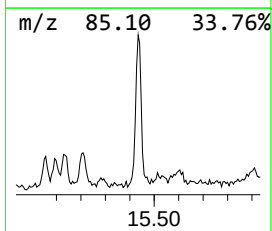
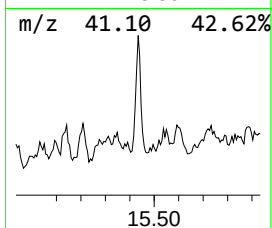
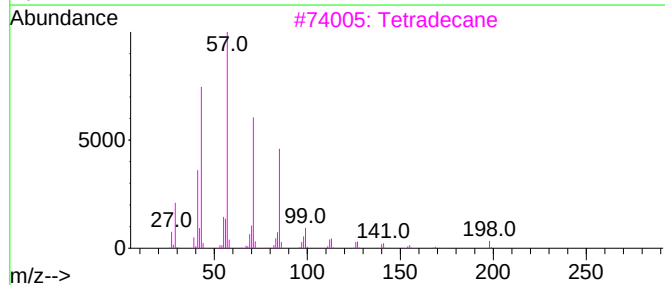
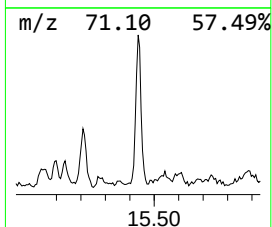
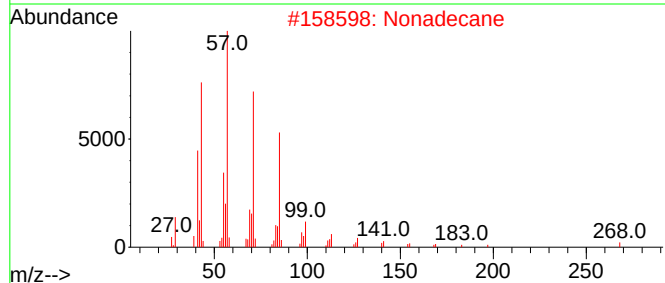
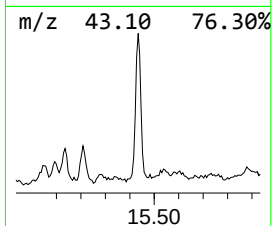
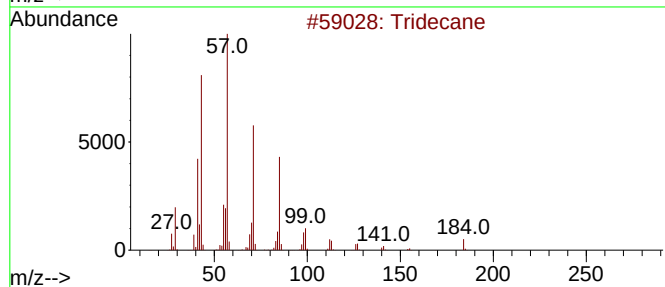
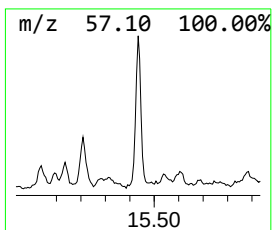
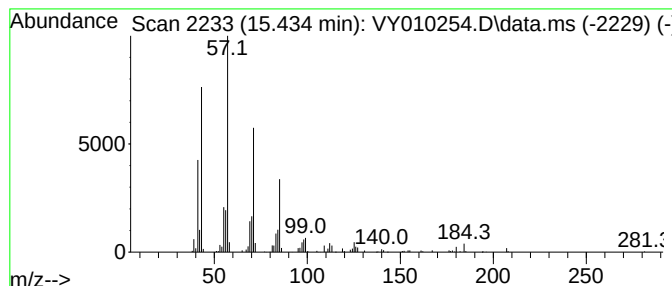
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Tridecane Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.434 | 13.98 ug/l | 137347 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tridecane                           | 184 | C13H28   | 000629-50-5  | 93   |
| 2    |    |   | Nonadecane                          | 268 | C19H40   | 000629-92-5  | 80   |
| 3    |    |   | Tetradecane                         | 198 | C14H30   | 000629-59-4  | 80   |
| 4    |    |   | Oxalic acid, 2-ethylhexyl hexyl ... | 286 | C16H30O4 | 1000309-38-9 | 64   |
| 5    |    |   | Hexadecane                          | 226 | C16H34   | 000544-76-3  | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083122\  
Data File : VY010254.D  
Acq On : 31 Aug 2022 18:38  
Operator : KP/MD  
Sample : N4426-01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-344

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.M  
Quant Title : SW846 8260

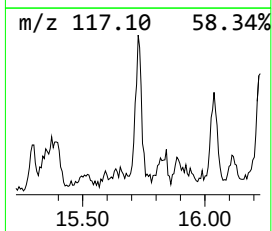
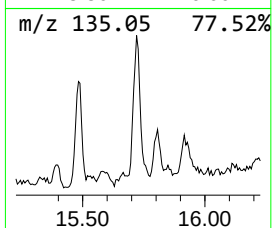
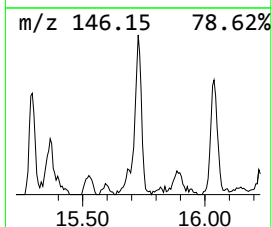
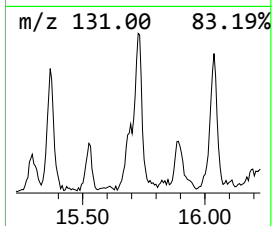
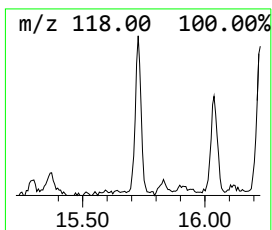
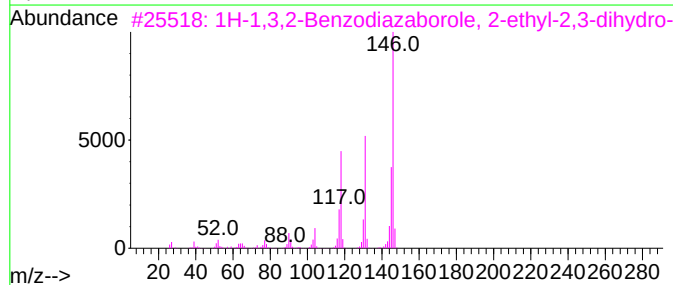
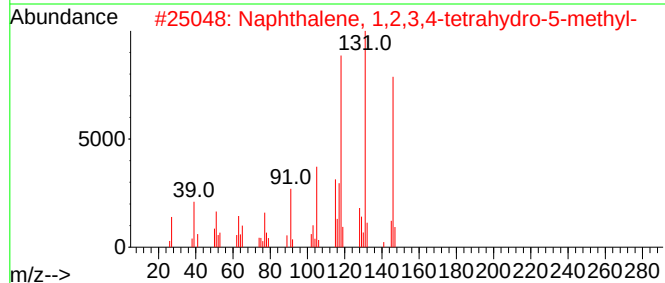
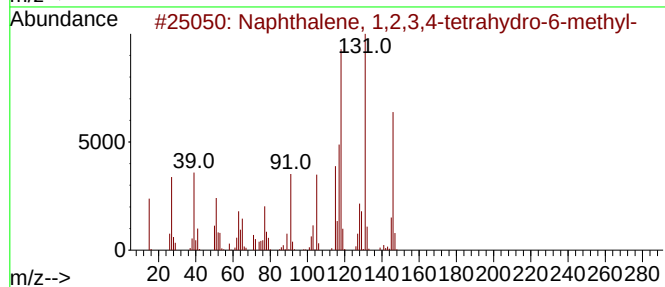
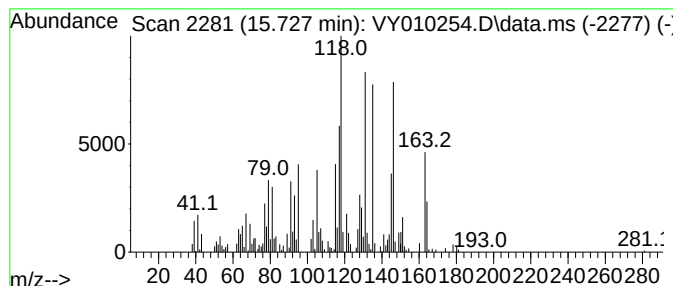
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.727 | 13.19 ug/l | 129664 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14   | 001680-51-9 | 90   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14   | 002809-64-5 | 55   |
| 3    |    |   | 1H-1,3,2-Benzodiazaborole, 2-eth... | 146 | C8H11BN2 | 074663-81-3 | 55   |
| 4    |    |   | 5H-Cyclohepta[b]pyridine, 6,7,8,... | 163 | C10H13NO | 041043-09-8 | 45   |
| 5    |    |   | Bicyclo[4.2.0]octa-1,3,5-triene,... | 118 | C9H10    | 022250-74-4 | 44   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083122\  
Data File : VY010254.D  
Acq On : 31 Aug 2022 18:38  
Operator : KP/MD  
Sample : N4426-01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI-344

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083022S.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 |
| Undecane           | 13.751 | 7.4     | ug/l  | 73097    | 4                     | 13.422 | 491344 | 50.0 |
| Dodecane           | 14.611 | 9.2     | ug/l  | 90471    | 4                     | 13.422 | 491344 | 50.0 |
| Benzene, 1-ethe... | 14.684 | 10.0    | ug/l  | 98175    | 4                     | 13.422 | 491344 | 50.0 |
| unknown14.727      | 14.727 | 5.9     | ug/l  | 58418    | 4                     | 13.422 | 491344 | 50.0 |
| Naphthalene, 1,... | 14.831 | 8.1     | ug/l  | 79242    | 4                     | 13.422 | 491344 | 50.0 |
| 2-Methyladamantane | 14.873 | 6.1     | ug/l  | 60358    | 4                     | 13.422 | 491344 | 50.0 |
| Naphthalene, 1,... | 15.294 | 16.0    | ug/l  | 157295   | 4                     | 13.422 | 491344 | 50.0 |
| Tridecane          | 15.434 | 14.0    | ug/l  | 137347   | 4                     | 13.422 | 491344 | 50.0 |
| Naphthalene, 1,... | 15.727 | 13.2    | ug/l  | 129664   | 4                     | 13.422 | 491344 | 50.0 |