

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092921\  
 Data File : VY006218.D  
 Acq On : 29 Sep 2021 17:15  
 Operator : SY/MD  
 Sample : M3961-02  
 Misc : 5.79G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SUB-SLAB-09(8.5-9)

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\82Y092821S.M  
 Title : SW846 8260

Signal : TIC: VY006218.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         | 7.728       | 959           | 969         | 974          | rBV      | 108303         | 259575        | 4.46%           | 0.473%        |
| 2         | 7.795       | 974           | 980         | 991          | rVB      | 189398         | 428165        | 7.36%           | 0.781%        |
| 3         | 8.148       | 1028          | 1038        | 1051         | rBV      | 122840         | 272234        | 4.68%           | 0.496%        |
| 4         | 8.697       | 1119          | 1128        | 1137         | rBV      | 302602         | 593045        | 10.19%          | 1.081%        |
| 5         | 10.185      | 1364          | 1372        | 1379         | rBV      | 497778         | 828761        | 14.24%          | 1.511%        |
| 6         | 11.495      | 1578          | 1587        | 1595         | rBV      | 450241         | 750516        | 12.90%          | 1.368%        |
| 7         | 11.691      | 1613          | 1619        | 1623         | rBV2     | 34222          | 65412         | 1.12%           | 0.119%        |
| 8         | 11.745      | 1623          | 1628        | 1638         | rVB4     | 47045          | 114005        | 1.96%           | 0.208%        |
| 9         | 11.880      | 1646          | 1650        | 1654         | rBV      | 50988          | 88501         | 1.52%           | 0.161%        |
| 10        | 11.934      | 1654          | 1659        | 1664         | rBV2     | 235350         | 391463        | 6.73%           | 0.714%        |
| 11        | 12.008      | 1664          | 1671        | 1677         | rBV3     | 508249         | 1055491       | 18.14%          | 1.924%        |
| 12        | 12.062      | 1677          | 1680        | 1683         | rVB      | 147017         | 160216        | 2.75%           | 0.292%        |
| 13        | 12.123      | 1683          | 1690        | 1695         | rVB      | 1105403        | 1818952       | 31.25%          | 3.316%        |
| 14        | 12.203      | 1695          | 1703        | 1705         | rBV2     | 552305         | 1184948       | 20.36%          | 2.160%        |
| 15        | 12.233      | 1705          | 1708        | 1714         | rVB      | 1089395        | 1749825       | 30.07%          | 3.190%        |
| 16        | 12.325      | 1714          | 1723        | 1725         | rBV4     | 302763         | 780794        | 13.42%          | 1.424%        |
| 17        | 12.379      | 1725          | 1732        | 1735         | rBV5     | 923206         | 2293564       | 39.41%          | 4.182%        |
| 18        | 12.416      | 1735          | 1738        | 1745         | rVB      | 1892824        | 2804843       | 48.19%          | 5.114%        |
| 19        | 12.489      | 1745          | 1750        | 1754         | rBV2     | 777692         | 1416025       | 24.33%          | 2.582%        |
| 20        | 12.526      | 1754          | 1756        | 1760         | rVB3     | 387942         | 416270        | 7.15%           | 0.759%        |
| 21        | 12.575      | 1760          | 1764        | 1768         | rBV3     | 481915         | 771360        | 13.25%          | 1.406%        |
| 22        | 12.648      | 1771          | 1776        | 1782         | rVB2     | 1419505        | 2799476       | 48.10%          | 5.104%        |
| 23        | 12.733      | 1782          | 1790        | 1796         | rBV6     | 714209         | 2144259       | 36.84%          | 3.909%        |
| 24        | 12.812      | 1796          | 1803        | 1807         | rBV4     | 1637620        | 3700506       | 63.58%          | 6.747%        |
| 25        | 12.861      | 1809          | 1811        | 1817         | rVB4     | 940078         | 1367221       | 23.49%          | 2.493%        |
| 26        | 12.916      | 1817          | 1820        | 1822         | rBV2     | 147256         | 180918        | 3.11%           | 0.330%        |
| 27        | 12.953      | 1822          | 1826        | 1830         | rBV      | 1605442        | 2299604       | 39.51%          | 4.193%        |
| 28        | 13.007      | 1830          | 1835        | 1837         | rBV4     | 1437918        | 2280951       | 39.19%          | 4.159%        |
| 29        | 13.044      | 1837          | 1841        | 1847         | rVV      | 3784570        | 5820049       | 100.00%         | 10.611%       |
| 30        | 13.105      | 1847          | 1851        | 1857         | rVB3     | 736150         | 1239216       | 21.29%          | 2.259%        |
| 31        | 13.166      | 1857          | 1861        | 1866         | rBV2     | 1241782        | 1806624       | 31.04%          | 3.294%        |
| 32        | 13.221      | 1867          | 1870        | 1873         | rBV2     | 555693         | 768163        | 13.20%          | 1.400%        |
| 33        | 13.324      | 1878          | 1887        | 1890         | rBV5     | 1814763        | 3671291       | 63.08%          | 6.693%        |
| 34        | 13.361      | 1890          | 1893        | 1897         | rVB3     | 992651         | 1204358       | 20.69%          | 2.196%        |
| 35        | 13.398      | 1897          | 1899        | 1902         | rBV      | 421100         | 455728        | 7.83%           | 0.831%        |
| 36        | 13.501      | 1914          | 1916        | 1921         | rVB3     | 276331         | 342084        | 5.88%           | 0.624%        |

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SUB-SLAB-09(8.5-9)

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\82Y092821S.M

Title : SW846 8260

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 13.568 | 1923 | 1927 | 1931 | rVB3 | 301910 | 457901  | 7.87%  | 0.835% |
| 38 | 13.751 | 1951 | 1957 | 1961 | rBV3 | 997411 | 1753238 | 30.12% | 3.196% |
| 39 | 13.794 | 1961 | 1964 | 1969 | rVB3 | 310445 | 462188  | 7.94%  | 0.843% |
| 40 | 13.855 | 1970 | 1974 | 1980 | rBV5 | 249472 | 494598  | 8.50%  | 0.902% |
| 41 | 13.965 | 1990 | 1992 | 1998 | rVB4 | 269625 | 391601  | 6.73%  | 0.714% |
| 42 | 14.074 | 2006 | 2010 | 2015 | rVB2 | 118959 | 178806  | 3.07%  | 0.326% |
| 43 | 14.135 | 2015 | 2020 | 2027 | rVB6 | 210410 | 507775  | 8.72%  | 0.926% |
| 44 | 14.196 | 2027 | 2030 | 2033 | rBV3 | 80068  | 104329  | 1.79%  | 0.190% |
| 45 | 14.269 | 2035 | 2042 | 2056 | rVB5 | 417715 | 1297400 | 22.29% | 2.365% |
| 46 | 14.385 | 2056 | 2061 | 2064 | rBV2 | 171062 | 305020  | 5.24%  | 0.556% |
| 47 | 14.422 | 2064 | 2067 | 2071 | rVB3 | 130843 | 176851  | 3.04%  | 0.322% |
| 48 | 14.617 | 2096 | 2099 | 2103 | rVB2 | 53072  | 73747   | 1.27%  | 0.134% |
| 49 | 14.672 | 2103 | 2108 | 2114 | rVV3 | 55924  | 127894  | 2.20%  | 0.233% |
| 50 | 14.733 | 2114 | 2118 | 2124 | rVB4 | 74304  | 122771  | 2.11%  | 0.224% |
| 51 | 14.873 | 2138 | 2141 | 2146 | rVV  | 49100  | 71660   | 1.23%  | 0.131% |

Sum of corrected areas: 54850192



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SUB-SLAB-09(8.5-9)

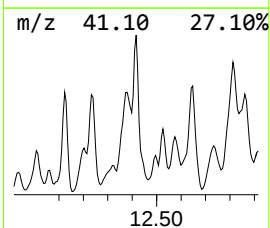
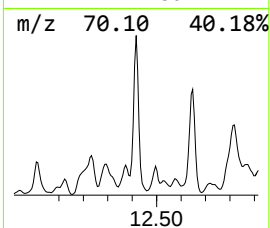
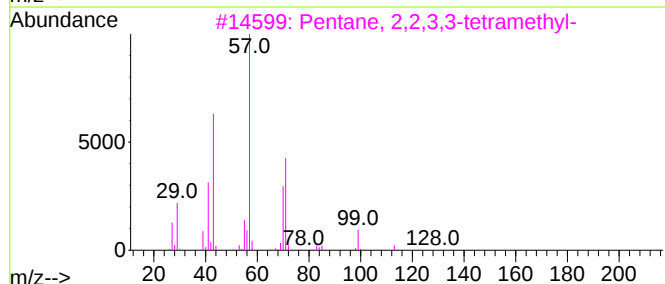
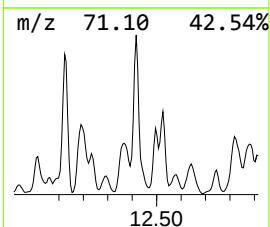
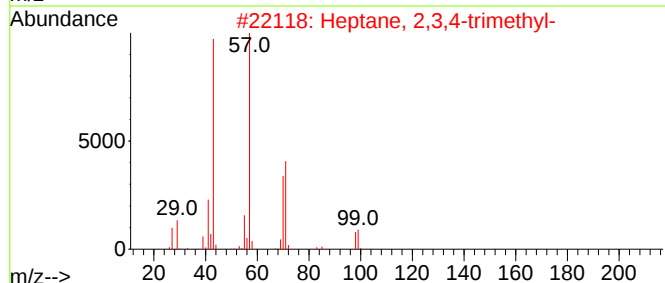
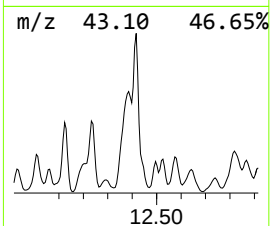
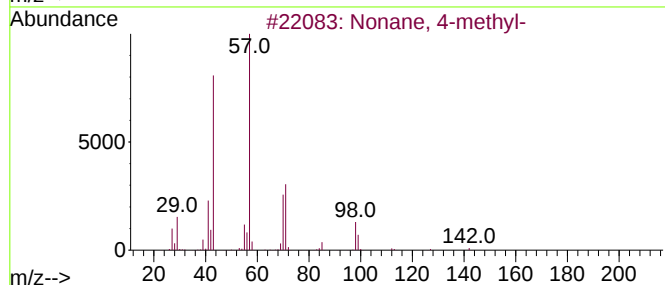
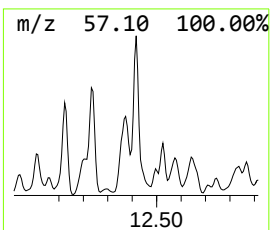
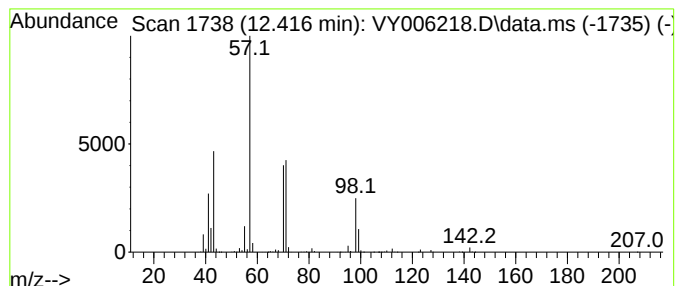
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
Quant Title : SW846 8260

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

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Peak Number 1 Nonane, 4-methyl- Concentration Rank 10

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 12.416 | 186.86 ug/l | 2804840 | Chlorobenzene-d5 | 11.495 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 4-methyl-             | 142 | C10H22  | 017301-94-9 | 78   |
| 2    |    |   | Heptane, 2,3,4-trimethyl-     | 142 | C10H22  | 052896-95-4 | 64   |
| 3    |    |   | Pentane, 2,2,3,3-tetramethyl- | 128 | C9H20   | 007154-79-2 | 59   |
| 4    |    |   | Octane, 3,5-dimethyl-         | 142 | C10H22  | 015869-93-9 | 50   |
| 5    |    |   | Octane, 2,5-dimethyl-         | 142 | C10H22  | 015869-89-3 | 38   |



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SUB-SLAB-09(8.5-9)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
Quant Title : SW846 8260

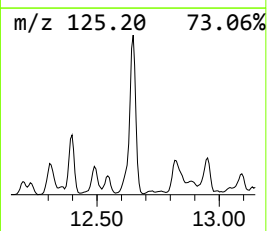
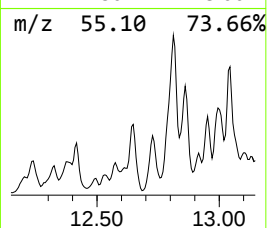
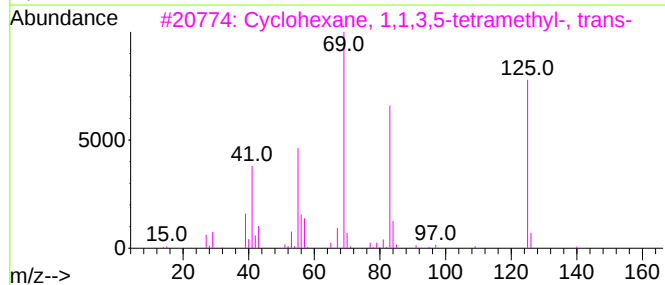
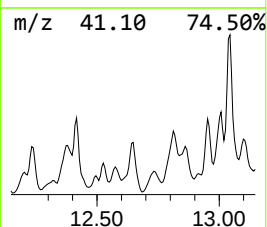
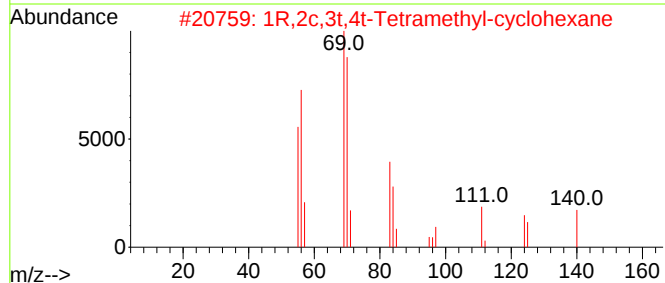
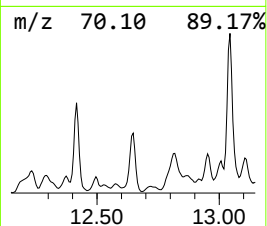
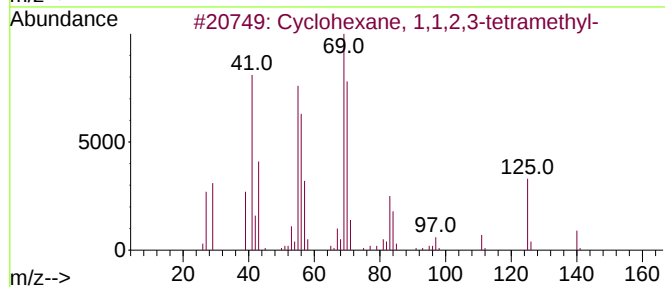
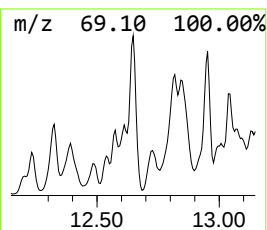
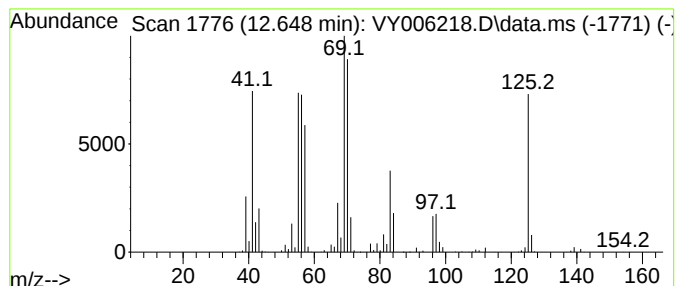
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.648 | 307.14 ug/l | 2799480 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Cyclohexane, 1,1,2,3-tetramethyl-   | 140 | C10H20  | 006783-92-2  | 72   |
| 2    |    |   | 1R,2c,3t,4t-Tetramethyl-cyclohexane | 140 | C10H20  | 1000144-07-3 | 59   |
| 3    |    |   | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20  | 050876-31-8  | 47   |
| 4    |    |   | 1-Hexene, 2,5,5-trimethyl-          | 126 | C9H18   | 062185-56-2  | 47   |
| 5    |    |   | Cyclohexane, 1,1,2-trimethyl-       | 126 | C9H18   | 007094-26-0  | 43   |



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SUB-SLAB-09(8.5-9)

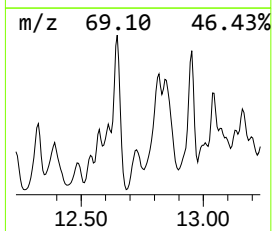
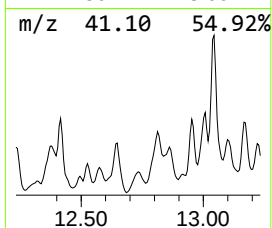
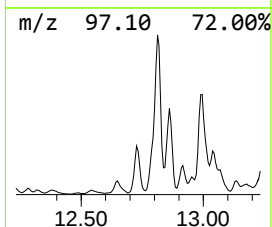
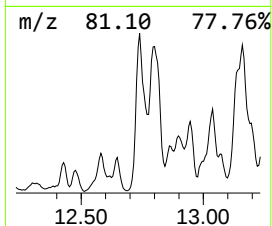
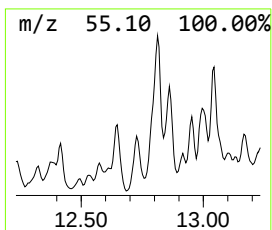
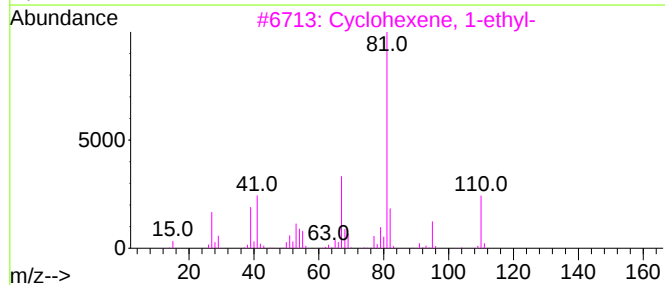
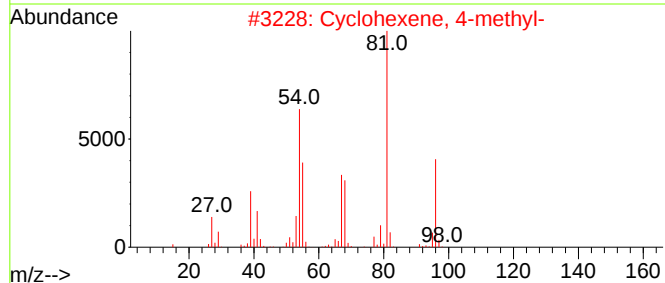
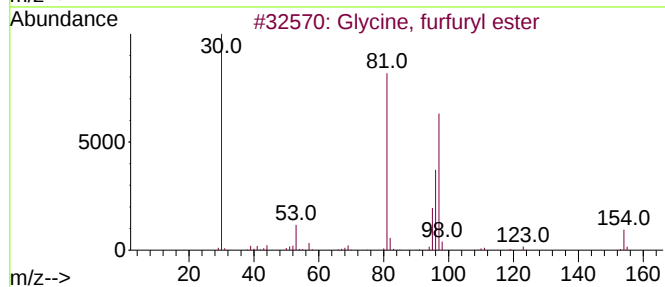
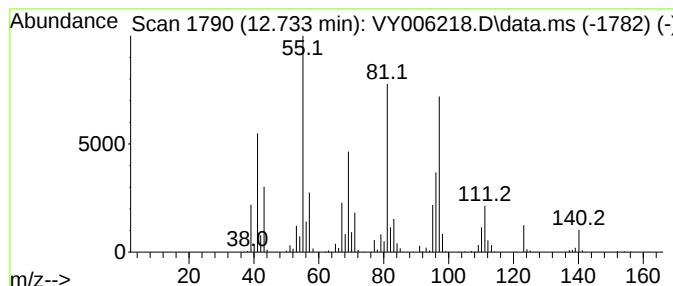
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
Quant Title : SW846 8260

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

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Peak Number 3 Glycine, furfuryl ester Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.733 | 235.26 ug/l | 2144260 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Glycine, furfuryl ester             | 155 | C7H9NO3 | 1000306-78-7 | 50   |
| 2    |    |   | Cyclohexene, 4-methyl-              | 96  | C7H12   | 000591-47-9  | 43   |
| 3    |    |   | Cyclohexene, 1-ethyl-               | 110 | C8H14   | 001453-24-3  | 38   |
| 4    |    |   | 1-Methyl-4-(1-methylethyl)-cyclo... | 140 | C10H20  | 000099-82-1  | 30   |
| 5    |    |   | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20  | 006069-98-3  | 30   |



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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SUB-SLAB-09(8.5-9)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
Quant Title : SW846 8260

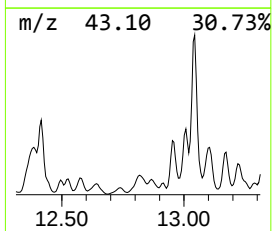
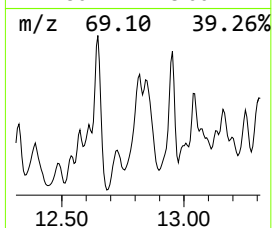
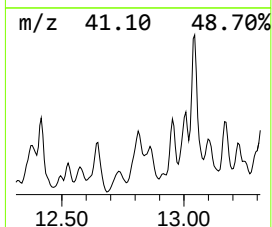
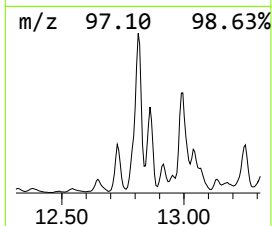
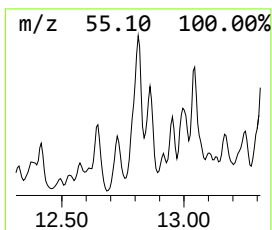
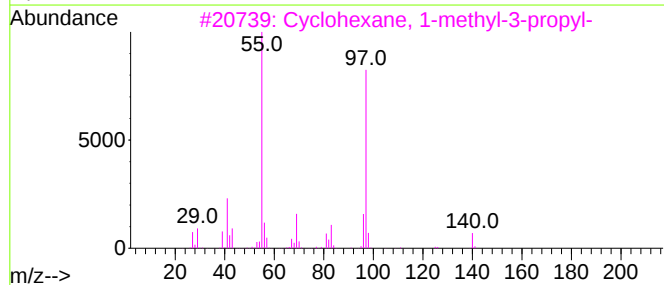
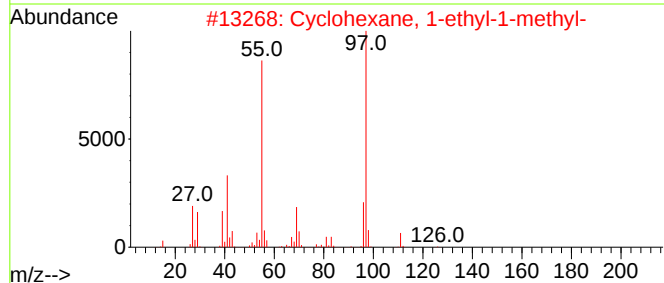
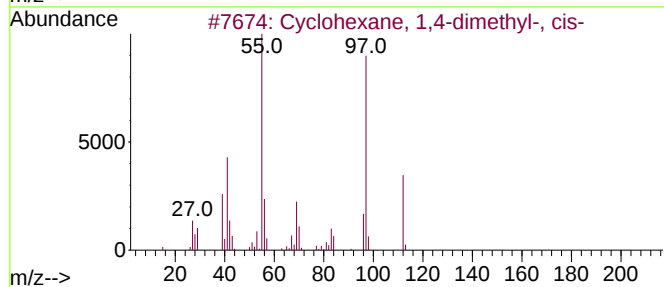
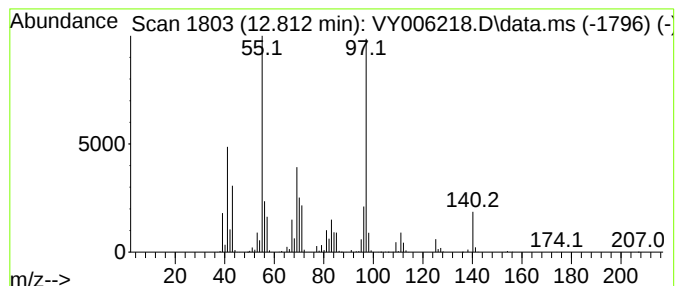
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.812 | 406.00 ug/l | 3700510 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,4-dimethyl-, cis-   | 112 | C8H16   | 000624-29-3 | 64   |
| 2    |    |   | Cyclohexane, 1-ethyl-1-methyl-     | 126 | C9H18   | 004926-90-3 | 50   |
| 3    |    |   | Cyclohexane, 1-methyl-3-propyl-    | 140 | C10H20  | 004291-80-9 | 50   |
| 4    |    |   | 2,4-Dimethyl-1,5-diazabicyclo[3... | 112 | C6H12N2 | 100463-01-2 | 49   |
| 5    |    |   | Cyclohexane, 1,1-dimethyl-         | 112 | C8H16   | 000590-66-9 | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092921\  
Data File : VY006218.D  
Acq On : 29 Sep 2021 17:15  
Operator : SY/MD  
Sample : M3961-02  
Misc : 5.79G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SUB-SLAB-09(8.5-9)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
Quant Title : SW846 8260

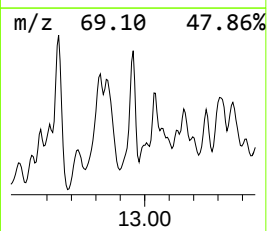
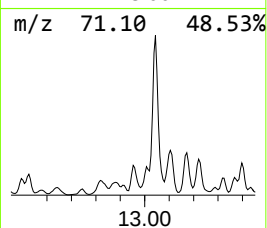
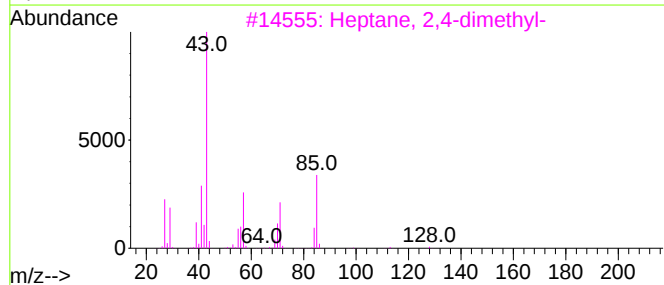
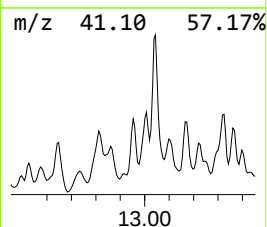
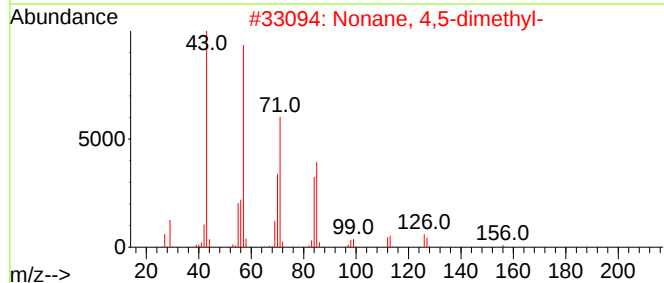
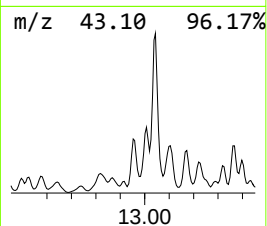
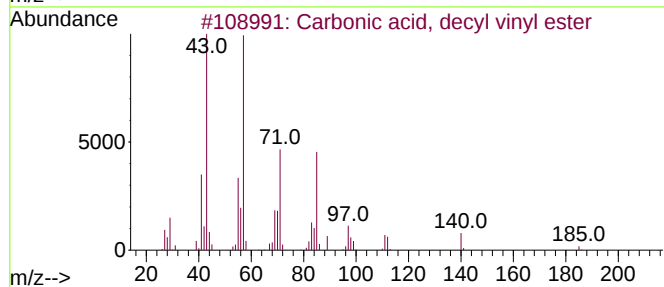
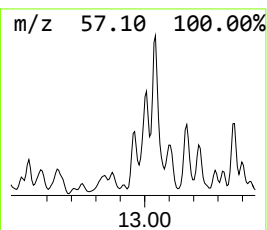
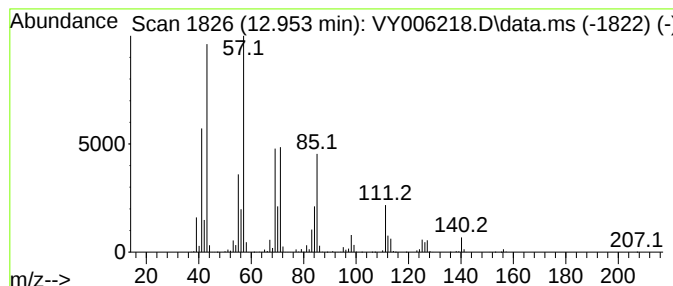
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Carbonic acid, decyl vinyl ... Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.953 | 252.30 ug/l | 2299600 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Carbonic acid, decyl vinyl ester    | 228 | C13H24O3  | 1000383-25-7 | 72   |
| 2    |    |   | Nonane, 4,5-dimethyl-               | 156 | C11H24    | 017302-23-7  | 62   |
| 3    |    |   | Heptane, 2,4-dimethyl-              | 128 | C9H20     | 002213-23-2  | 53   |
| 4    |    |   | Sulfurous acid, pentadecyl 2-pro... | 334 | C18H38O3S | 1000309-12-6 | 50   |
| 5    |    |   | Undecane, 2,4-dimethyl-             | 184 | C13H28    | 017312-80-0  | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092921\  
Data File : VY006218.D  
Acq On : 29 Sep 2021 17:15  
Operator : SY/MD  
Sample : M3961-02  
Misc : 5.79G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SUB-SLAB-09(8.5-9)

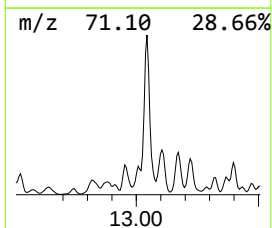
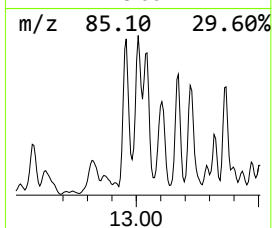
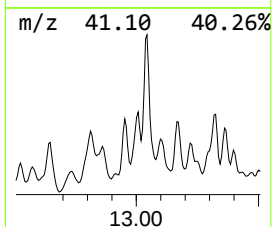
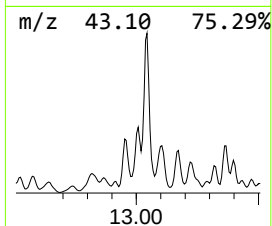
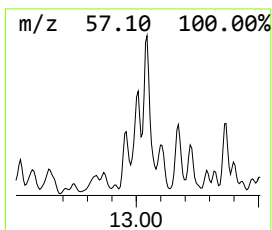
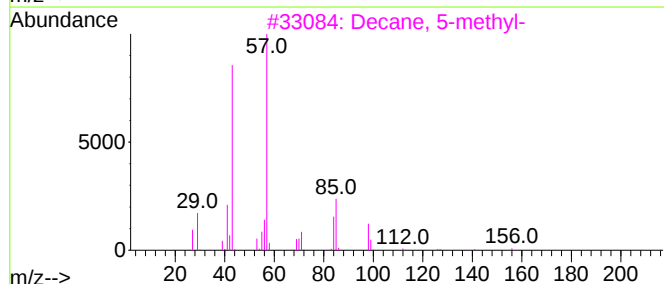
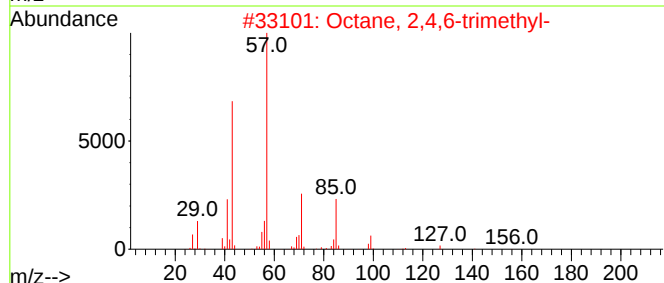
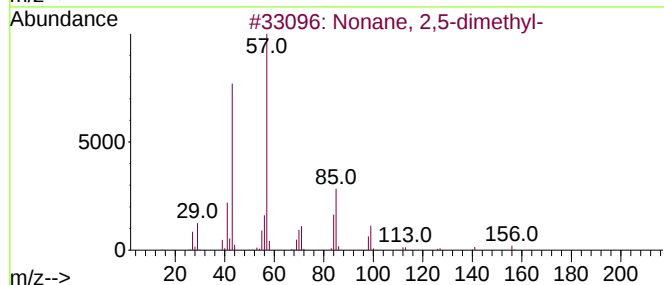
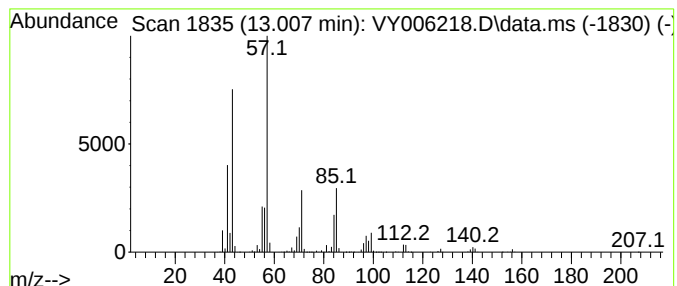
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Quant Title : SW846 8260

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

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Peak Number 6 Nonane, 2,5-dimethyl- Concentration Rank 6

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.007 | 250.25 ug/l | 2280950 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 2,5-dimethyl-    | 156 | C11H24  | 017302-27-1 | 70   |
| 2    |    |   | Octane, 2,4,6-trimethyl- | 156 | C11H24  | 062016-37-9 | 64   |
| 3    |    |   | Decane, 5-methyl-        | 156 | C11H24  | 013151-35-4 | 52   |
| 4    |    |   | Decane, 2-methyl-        | 156 | C11H24  | 006975-98-0 | 52   |
| 5    |    |   | Undecane                 | 156 | C11H24  | 001120-21-4 | 52   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092921\  
Data File : VY006218.D  
Acq On : 29 Sep 2021 17:15  
Operator : SY/MD  
Sample : M3961-02  
Misc : 5.79G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SUB-SLAB-09(8.5-9)

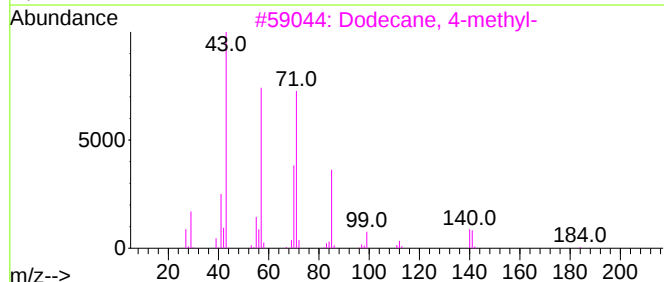
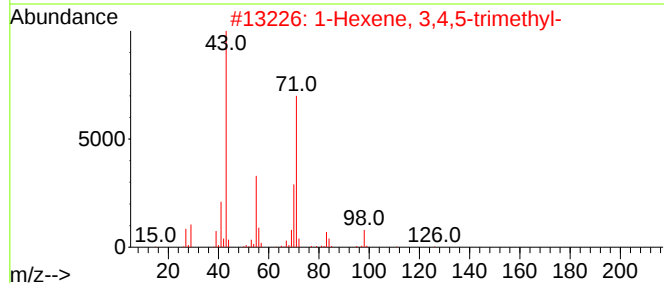
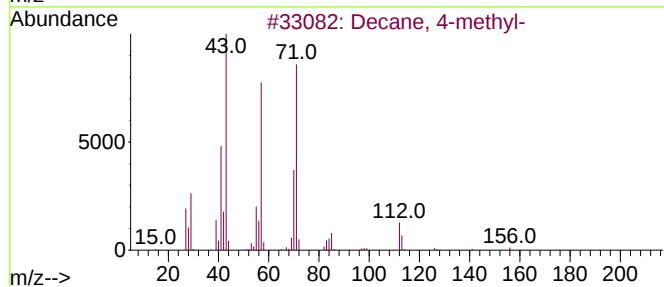
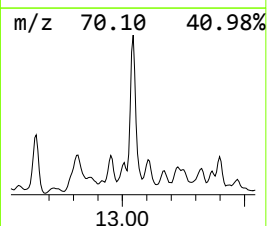
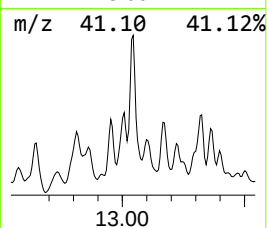
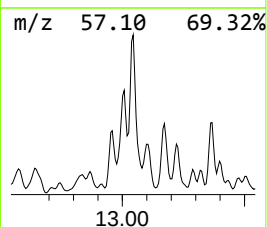
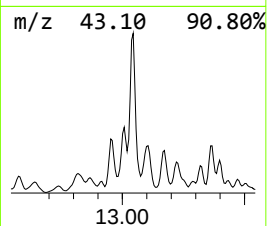
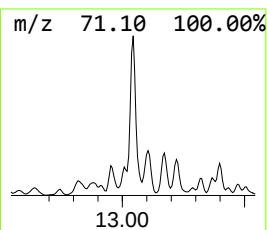
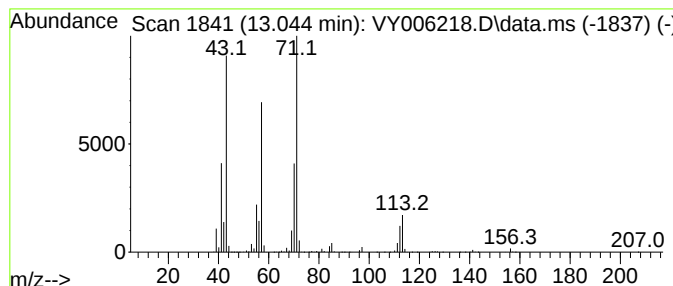
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Quant Title : SW846 8260

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

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Peak Number 7 Decane, 4-methyl- Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.044 | 638.54 ug/l | 5820050 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Decane, 4-methyl-                   | 156 | C11H24    | 002847-72-5  | 83   |
| 2    |    |   | 1-Hexene, 3,4,5-trimethyl-          | 126 | C9H18     | 056728-10-0  | 64   |
| 3    |    |   | Dodecane, 4-methyl-                 | 184 | C13H28    | 006117-97-1  | 59   |
| 4    |    |   | Nonane, 2,6-dimethyl-               | 156 | C11H24    | 017302-28-2  | 59   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092921\  
Data File : VY006218.D  
Acq On : 29 Sep 2021 17:15  
Operator : SY/MD  
Sample : M3961-02  
Misc : 5.79G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SUB-SLAB-09(8.5-9)

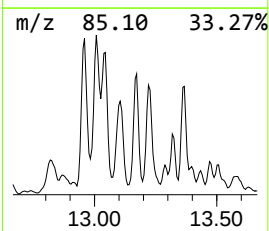
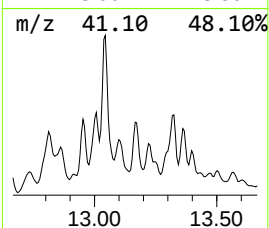
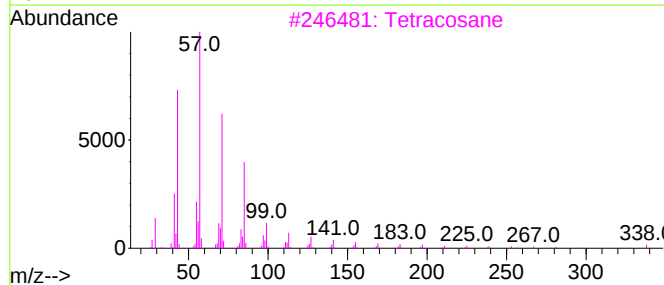
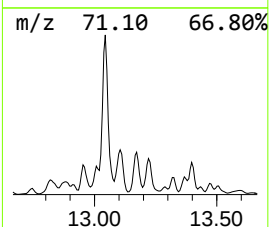
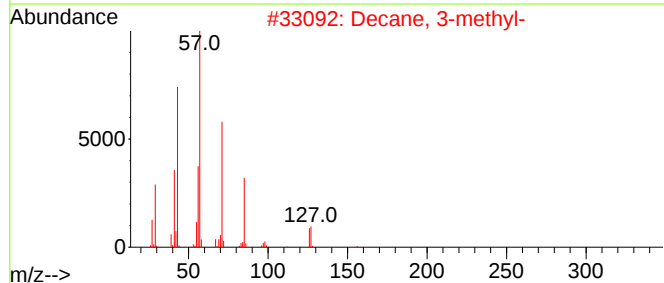
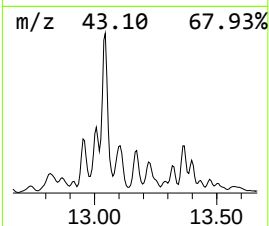
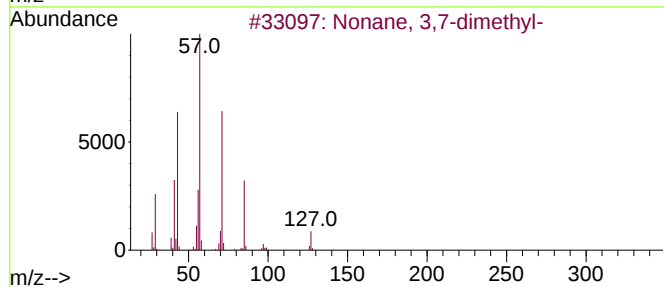
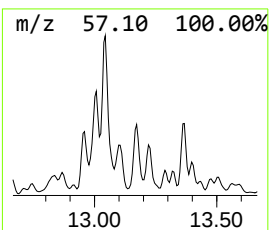
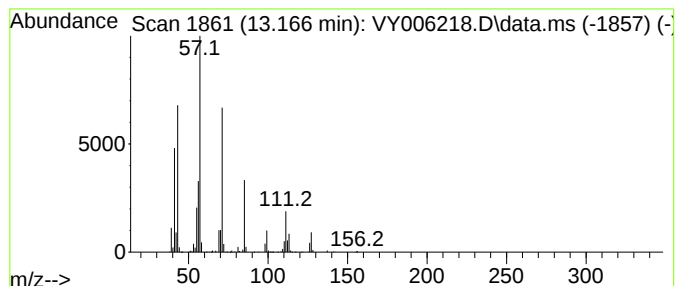
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 8 Nonane, 3,7-dimethyl- Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.166 | 198.21 ug/l | 1806620 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 3,7-dimethyl-       | 156 | C11H24  | 017302-32-8 | 81   |
| 2    |    |   | Decane, 3-methyl-           | 156 | C11H24  | 013151-34-3 | 76   |
| 3    |    |   | Tetracosane                 | 338 | C24H50  | 000646-31-1 | 64   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 64   |
| 5    |    |   | Pentacosane                 | 352 | C25H52  | 000629-99-2 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092921\  
Data File : VY006218.D  
Acq On : 29 Sep 2021 17:15  
Operator : SY/MD  
Sample : M3961-02  
Misc : 5.79G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SUB-SLAB-09(8.5-9)

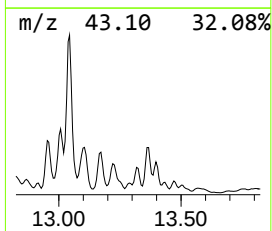
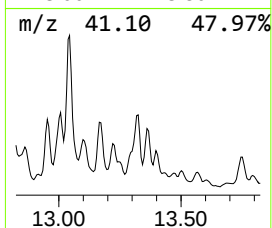
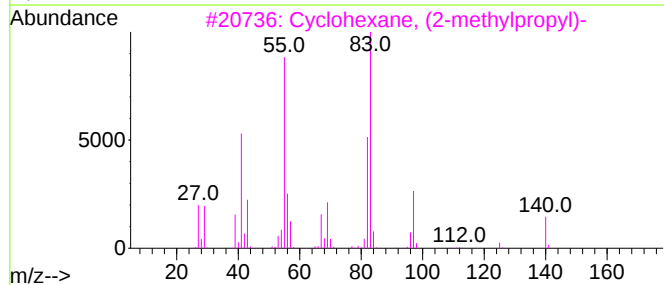
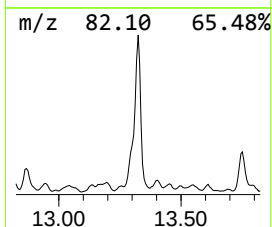
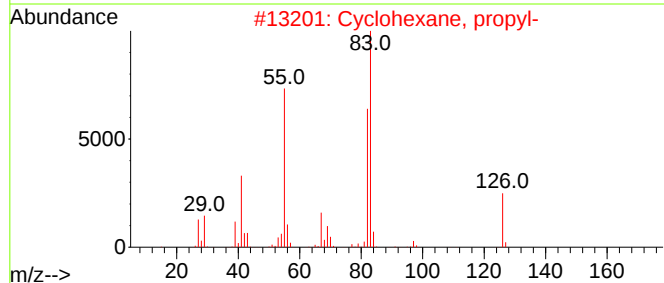
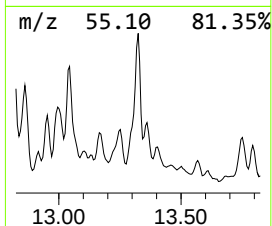
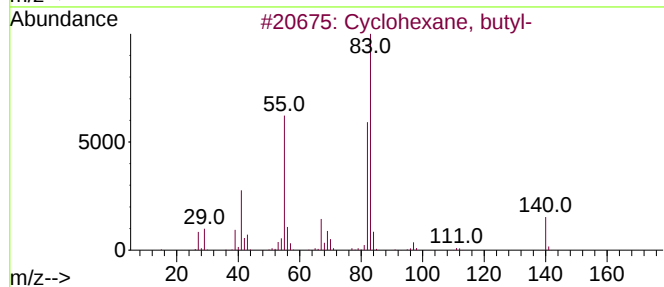
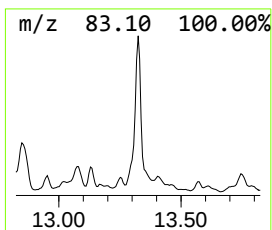
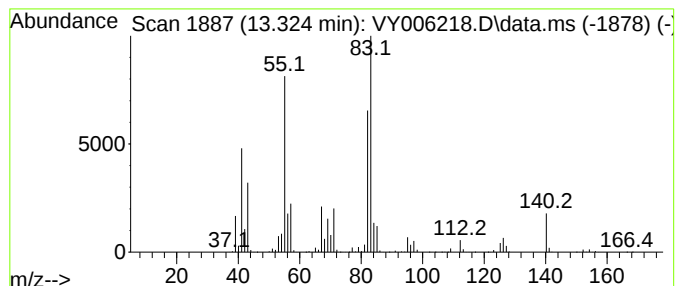
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 9 Cyclohexane, butyl- Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.324 | 402.79 ug/l | 3671290 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, butyl-            | 140 | C10H20  | 001678-93-9 | 93   |
| 2    |    |   | Cyclohexane, propyl-           | 126 | C9H18   | 001678-92-8 | 81   |
| 3    |    |   | Cyclohexane, (2-methylpropyl)- | 140 | C10H20  | 001678-98-4 | 80   |
| 4    |    |   | Cyclohexane, (1-methylethyl)-  | 126 | C9H18   | 000696-29-7 | 76   |
| 5    |    |   | Cyclohexane, pentyl-           | 154 | C11H22  | 004292-92-6 | 76   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092921\  
Data File : VY006218.D  
Acq On : 29 Sep 2021 17:15  
Operator : SY/MD  
Sample : M3961-02  
Misc : 5.79G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SUB-SLAB-09(8.5-9)

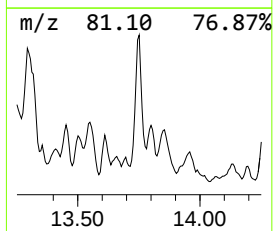
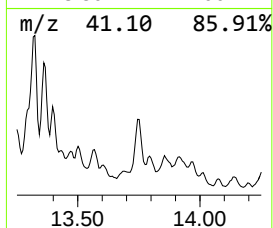
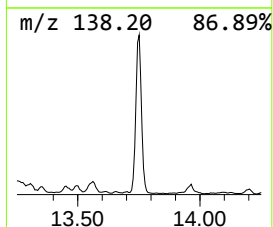
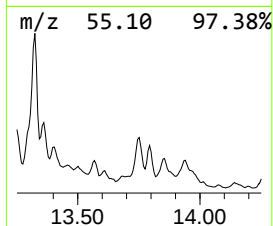
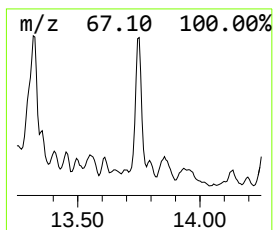
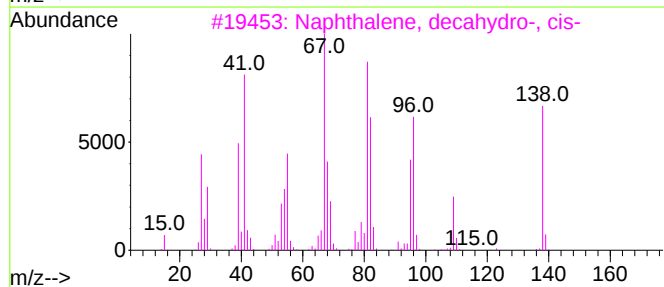
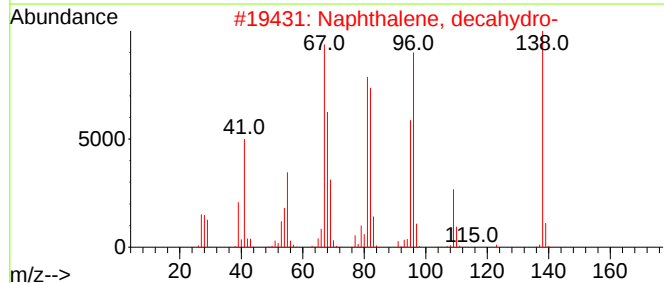
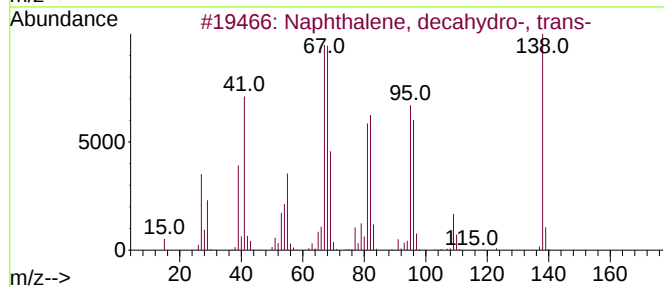
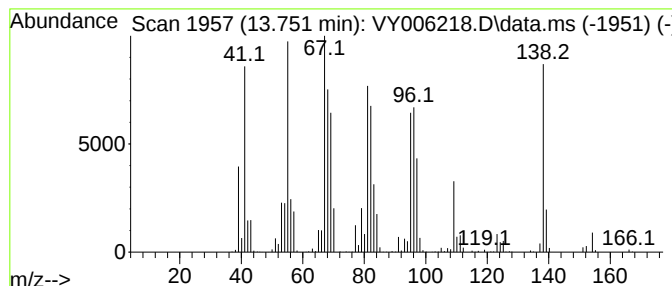
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Quant Title : SW846 8260

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

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Peak Number 10 Naphthalene, decahydro-, tr... Concentration Rank 9

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.751 | 192.36 ug/l | 1753240 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, decahydro-, trans-     | 138 | C10H18  | 000493-02-7 | 95   |
| 2    |    |   | Naphthalene, decahydro-             | 138 | C10H18  | 000091-17-8 | 93   |
| 3    |    |   | Naphthalene, decahydro-, cis-       | 138 | C10H18  | 000493-01-6 | 76   |
| 4    |    |   | Spiro[4.5]decane                    | 138 | C10H18  | 000176-63-6 | 76   |
| 5    |    |   | Cyclohexane, 1-methyl-4-(1-methy... | 138 | C10H18  | 001124-25-0 | 70   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092921\  
Data File : VY006218.D  
Acq On : 29 Sep 2021 17:15  
Operator : SY/MD  
Sample : M3961-02  
Misc : 5.79G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SUB-SLAB-09(8.5-9)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.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 |
| Nonane, 4-methyl-  | 12.416 | 186.9   | ug/l  | 2804840  | 3                     | 11.495 | 750516 | 50.0 |
| Cyclohexane, 1,... | 12.648 | 307.1   | ug/l  | 2799480  | 4                     | 13.428 | 455728 | 50.0 |
| Glycine, furfur... | 12.733 | 235.3   | ug/l  | 2144260  | 4                     | 13.428 | 455728 | 50.0 |
| Cyclohexane, 1,... | 12.812 | 406.0   | ug/l  | 3700510  | 4                     | 13.428 | 455728 | 50.0 |
| Carbonic acid, ... | 12.953 | 252.3   | ug/l  | 2299600  | 4                     | 13.428 | 455728 | 50.0 |
| Nonane, 2,5-dim... | 13.007 | 250.3   | ug/l  | 2280950  | 4                     | 13.428 | 455728 | 50.0 |
| Decane, 4-methyl-  | 13.044 | 638.5   | ug/l  | 5820050  | 4                     | 13.428 | 455728 | 50.0 |
| Nonane, 3,7-dim... | 13.166 | 198.2   | ug/l  | 1806620  | 4                     | 13.428 | 455728 | 50.0 |
| Cyclohexane, bu... | 13.324 | 402.8   | ug/l  | 3671290  | 4                     | 13.428 | 455728 | 50.0 |
| Naphthalene, de... | 13.751 | 192.4   | ug/l  | 1753240  | 4                     | 13.428 | 455728 | 50.0 |