

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090322\  
 Data File : VY010323.D  
 Acq On : 03 Sep 2022 16:22  
 Operator : KP/MD  
 Sample : N4419-06  
 Misc : 2.85g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 KTS2-MH-02-14-15

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\82Y090222S.M  
 Title : SW846 8260

Signal : TIC: VY010323.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         | 3.936       | 335           | 347         | 357          | rBV3     | 24899          | 76718         | 2.02%           | 0.210%        |
| 2         | 4.186       | 379           | 388         | 402          | rBV2     | 17223          | 51329         | 1.35%           | 0.141%        |
| 3         | 4.704       | 459           | 473         | 490          | rBV4     | 39093          | 140807        | 3.70%           | 0.385%        |
| 4         | 6.972       | 832           | 845         | 861          | rBV2     | 70058          | 227022        | 5.97%           | 0.621%        |
| 5         | 7.710       | 957           | 966         | 972          | rBV      | 173179         | 418683        | 11.01%          | 1.146%        |
| 6         | 7.783       | 972           | 978         | 987          | rVB      | 326767         | 717930        | 18.88%          | 1.965%        |
| 7         | 8.136       | 1025          | 1036        | 1048         | rVB2     | 184562         | 475280        | 12.50%          | 1.301%        |
| 8         | 8.685       | 1118          | 1126        | 1138         | rBV      | 479667         | 946659        | 24.90%          | 2.591%        |
| 9         | 9.935       | 1323          | 1331        | 1337         | rBV4     | 20306          | 44169         | 1.16%           | 0.121%        |
| 10        | 10.069      | 1347          | 1353        | 1358         | rBV      | 22833          | 45210         | 1.19%           | 0.124%        |
| 11        | 10.179      | 1363          | 1371        | 1380         | rBV      | 751145         | 1302100       | 34.24%          | 3.565%        |
| 12        | 10.575      | 1430          | 1436        | 1443         | rBV2     | 33507          | 78340         | 2.06%           | 0.214%        |
| 13        | 10.941      | 1489          | 1496        | 1502         | rBV      | 38796          | 70383         | 1.85%           | 0.193%        |
| 14        | 11.142      | 1524          | 1529        | 1534         | rBV2     | 55938          | 95620         | 2.51%           | 0.262%        |
| 15        | 11.313      | 1548          | 1557        | 1564         | rVB3     | 35340          | 99459         | 2.62%           | 0.272%        |
| 16        | 11.490      | 1578          | 1586        | 1596         | rBV      | 680387         | 1149586       | 30.23%          | 3.147%        |
| 17        | 11.636      | 1602          | 1610        | 1611         | rBV6     | 19724          | 38574         | 1.01%           | 0.106%        |
| 18        | 11.685      | 1611          | 1618        | 1625         | rBV3     | 113956         | 341023        | 8.97%           | 0.934%        |
| 19        | 11.843      | 1639          | 1644        | 1648         | rVB4     | 48859          | 91262         | 2.40%           | 0.250%        |
| 20        | 11.892      | 1648          | 1652        | 1657         | rVB3     | 57952          | 101636        | 2.67%           | 0.278%        |
| 21        | 11.983      | 1661          | 1667        | 1674         | rBV      | 148284         | 264232        | 6.95%           | 0.723%        |
| 22        | 12.056      | 1674          | 1679        | 1682         | rBV      | 59258          | 95760         | 2.52%           | 0.262%        |
| 23        | 12.087      | 1682          | 1684        | 1691         | rVB4     | 41760          | 66586         | 1.75%           | 0.182%        |
| 24        | 12.191      | 1695          | 1701        | 1705         | rBV4     | 121223         | 236449        | 6.22%           | 0.647%        |
| 25        | 12.300      | 1713          | 1719        | 1730         | rBV3     | 226744         | 551300        | 14.50%          | 1.509%        |
| 26        | 12.422      | 1736          | 1739        | 1743         | rVB      | 106814         | 147745        | 3.89%           | 0.404%        |
| 27        | 12.477      | 1743          | 1748        | 1754         | rBV      | 600063         | 992615        | 26.10%          | 2.717%        |
| 28        | 12.538      | 1754          | 1758        | 1761         | rBV3     | 105630         | 184327        | 4.85%           | 0.505%        |
| 29        | 12.575      | 1761          | 1764        | 1769         | rVB      | 85127          | 137003        | 3.60%           | 0.375%        |
| 30        | 12.745      | 1782          | 1792        | 1797         | rBV4     | 244369         | 636385        | 16.74%          | 1.742%        |
| 31        | 12.819      | 1797          | 1804        | 1806         | rBV4     | 231982         | 471238        | 12.39%          | 1.290%        |
| 32        | 12.880      | 1811          | 1814        | 1820         | rVB4     | 95214          | 153270        | 4.03%           | 0.420%        |
| 33        | 12.947      | 1820          | 1825        | 1830         | rVB3     | 289724         | 529721        | 13.93%          | 1.450%        |
| 34        | 13.014      | 1832          | 1836        | 1839         | rBV2     | 81330          | 145205        | 3.82%           | 0.398%        |
| 35        | 13.069      | 1841          | 1845        | 1850         | rVB3     | 201715         | 354678        | 9.33%           | 0.971%        |
| 36        | 13.129      | 1850          | 1855        | 1858         | rBV2     | 344907         | 542502        | 14.27%          | 1.485%        |

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 MSVOA\_Y  
 ClientSampleId :  
 KTS2-MH-02-14-15

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\82Y090222S.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 13.166 | 1858 | 1861 | 1862 | rBV2 | 64356   | 62018   | 1.63%   | 0.170%  |
| 38 | 13.197 | 1863 | 1866 | 1871 | rVB3 | 160671  | 236877  | 6.23%   | 0.648%  |
| 39 | 13.257 | 1871 | 1876 | 1879 | rBV5 | 234150  | 497054  | 13.07%  | 1.361%  |
| 40 | 13.392 | 1893 | 1898 | 1899 | rBV3 | 160546  | 249508  | 6.56%   | 0.683%  |
| 41 | 13.422 | 1899 | 1903 | 1912 | rVB3 | 680683  | 1363526 | 35.86%  | 3.733%  |
| 42 | 13.501 | 1912 | 1916 | 1918 | rBV3 | 91489   | 149328  | 3.93%   | 0.409%  |
| 43 | 13.556 | 1920 | 1925 | 1930 | rVB5 | 233391  | 497102  | 13.07%  | 1.361%  |
| 44 | 13.611 | 1930 | 1934 | 1937 | rBV3 | 223323  | 369102  | 9.71%   | 1.010%  |
| 45 | 13.642 | 1937 | 1939 | 1942 | rVB2 | 77422   | 76235   | 2.00%   | 0.209%  |
| 46 | 13.696 | 1943 | 1948 | 1949 | rBV4 | 195275  | 302968  | 7.97%   | 0.829%  |
| 47 | 13.739 | 1952 | 1955 | 1959 | rVB4 | 268795  | 435400  | 11.45%  | 1.192%  |
| 48 | 13.873 | 1970 | 1977 | 1982 | rBV9 | 219441  | 657189  | 17.28%  | 1.799%  |
| 49 | 13.959 | 1987 | 1991 | 2002 | rVB6 | 374317  | 998426  | 26.26%  | 2.733%  |
| 50 | 14.129 | 2015 | 2019 | 2026 | rBV7 | 239151  | 617620  | 16.24%  | 1.691%  |
| 51 | 14.196 | 2027 | 2030 | 2036 | rVB5 | 243439  | 449684  | 11.83%  | 1.231%  |
| 52 | 14.282 | 2036 | 2044 | 2053 | rBV4 | 871176  | 2686025 | 70.64%  | 7.353%  |
| 53 | 14.391 | 2059 | 2062 | 2064 | rBV  | 342275  | 444989  | 11.70%  | 1.218%  |
| 54 | 14.465 | 2070 | 2074 | 2078 | rBV5 | 318785  | 643040  | 16.91%  | 1.760%  |
| 55 | 14.733 | 2115 | 2118 | 2123 | rVB4 | 539780  | 786849  | 20.69%  | 2.154%  |
| 56 | 14.843 | 2133 | 2136 | 2138 | rBV2 | 534569  | 732023  | 19.25%  | 2.004%  |
| 57 | 14.940 | 2149 | 2152 | 2156 | rVB2 | 638941  | 928645  | 24.42%  | 2.542%  |
| 58 | 15.007 | 2157 | 2163 | 2166 | rBV2 | 839839  | 1902234 | 50.02%  | 5.207%  |
| 59 | 15.117 | 2178 | 2181 | 2189 | rVB3 | 1379515 | 2396681 | 63.03%  | 6.561%  |
| 60 | 15.275 | 2203 | 2207 | 2210 | rBV3 | 764943  | 1356875 | 35.68%  | 3.714%  |
| 61 | 15.440 | 2230 | 2234 | 2241 | rBV4 | 741101  | 1866641 | 49.09%  | 5.110%  |
| 62 | 15.605 | 2256 | 2261 | 2268 | rVB4 | 1954272 | 3802596 | 100.00% | 10.410% |

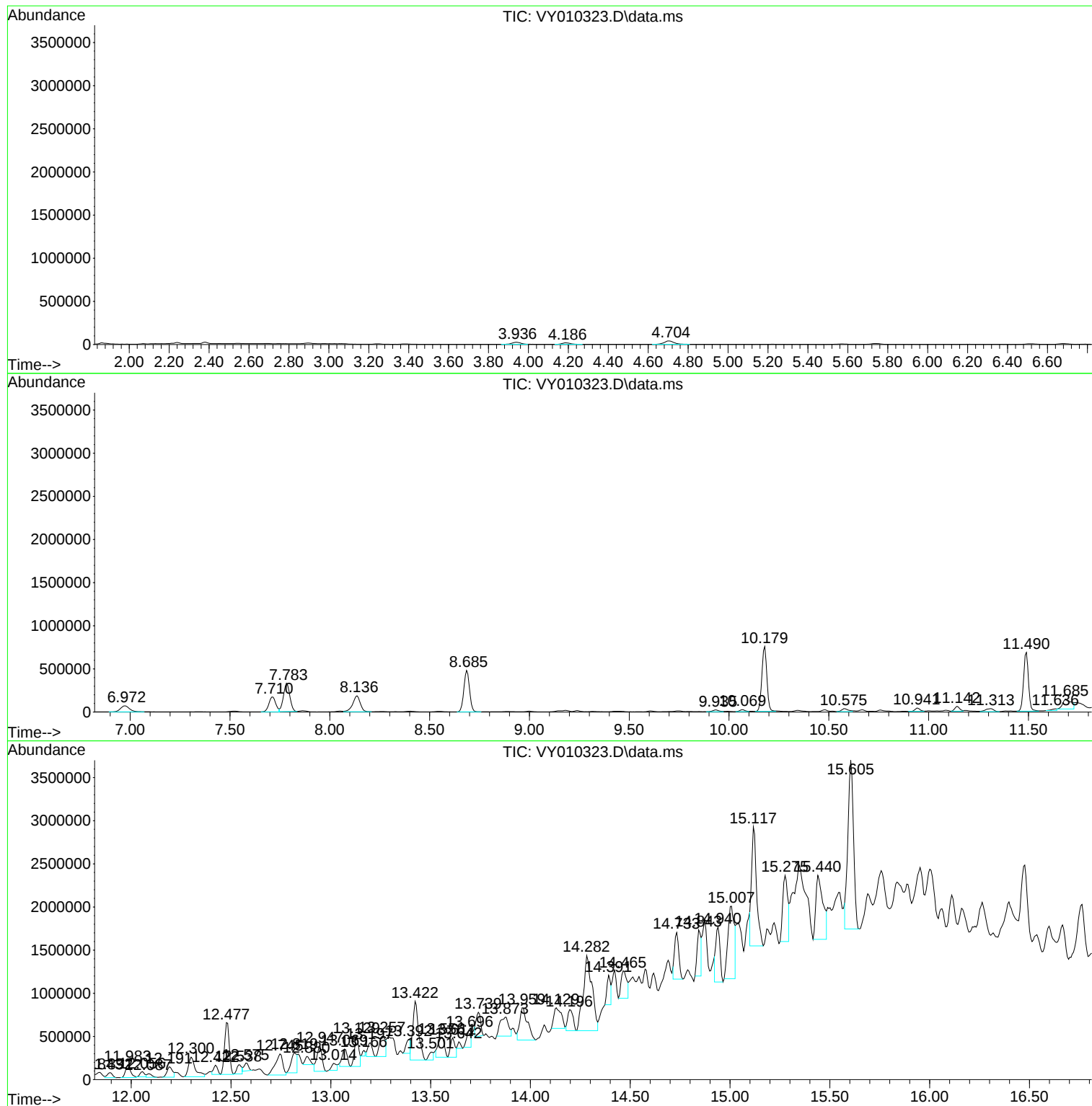
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MSVOA\_Y  
ClientSampleId :  
KTS2-MH-02-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260

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



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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260

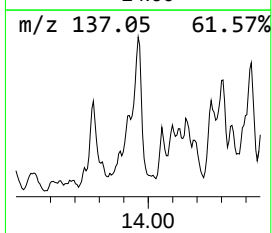
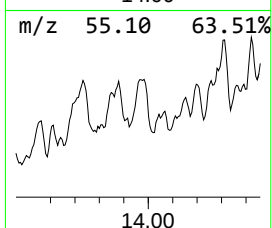
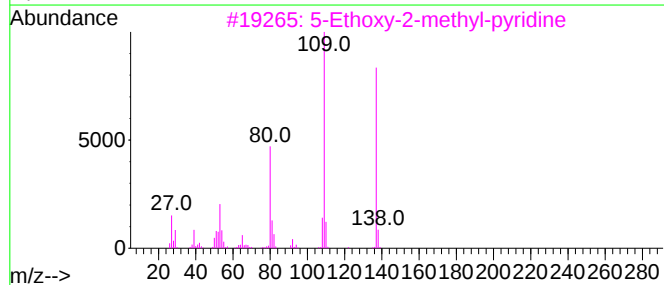
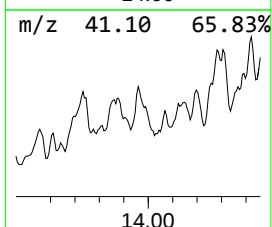
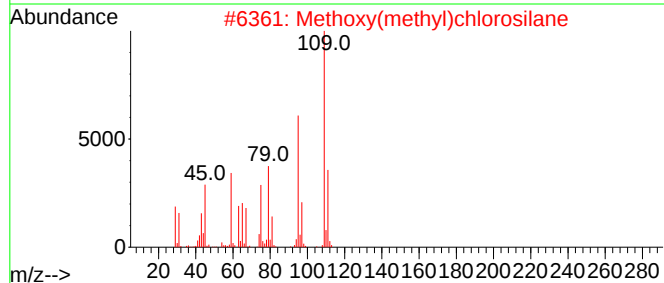
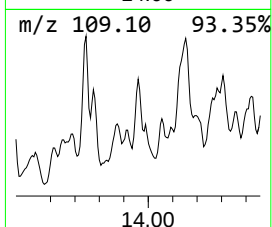
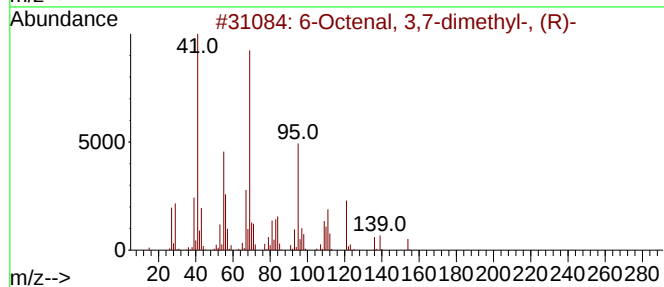
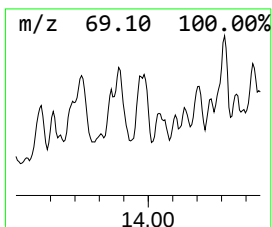
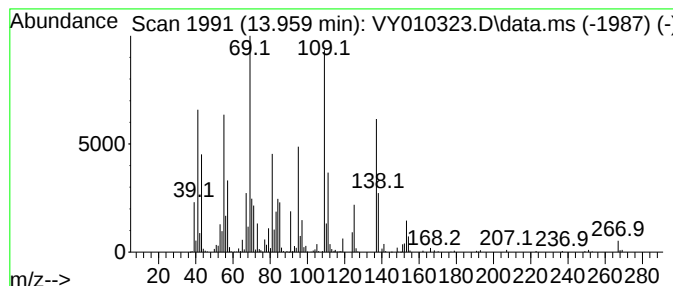
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown13.959 Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.959 | 36.61 ug/l | 998426 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm   | CAS#        | Qual |
|------|------|----------------------------------|-----|-----------|-------------|------|
| 1    |      | 6-Octenal, 3,7-dimethyl-, (R)-   | 154 | C10H18O   | 002385-77-5 | 27   |
| 2    |      | Methoxy(methyl)chlorosilane      | 110 | C2H7ClOSi | 018151-27-4 | 27   |
| 3    |      | 5-Ethoxy-2-methyl-pyridine       | 137 | C8H11NO   | 055270-48-9 | 25   |
| 4    |      | 2-Isopropenyl-5-methylhex-4-enal | 152 | C10H16O   | 075697-98-2 | 22   |
| 5    |      | 2-Pentene, 4-methyl-, (E)-       | 84  | C6H12     | 000674-76-0 | 18   |



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Instrument :  
MSVOA\_Y  
ClientSampleId :  
KTS2-MH-02-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260

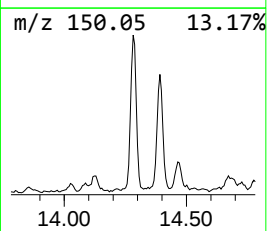
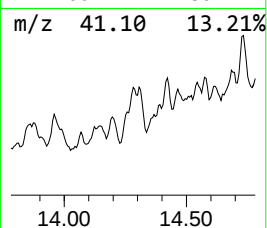
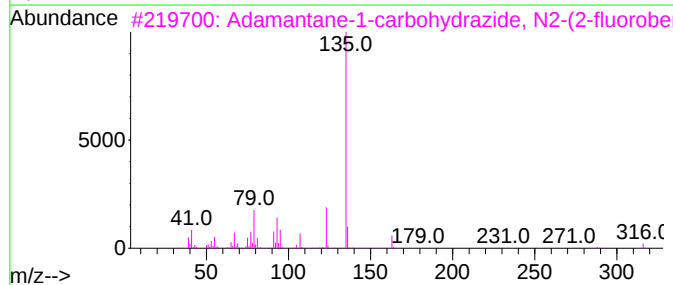
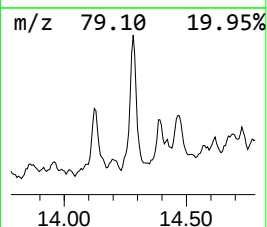
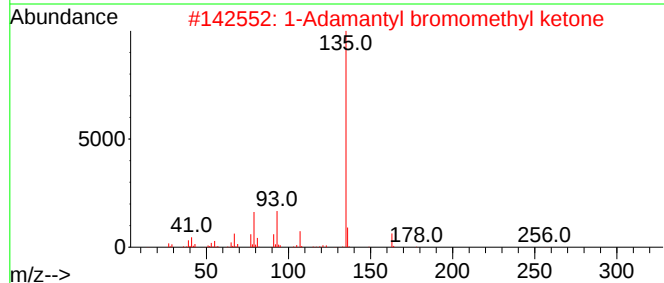
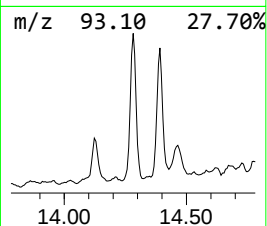
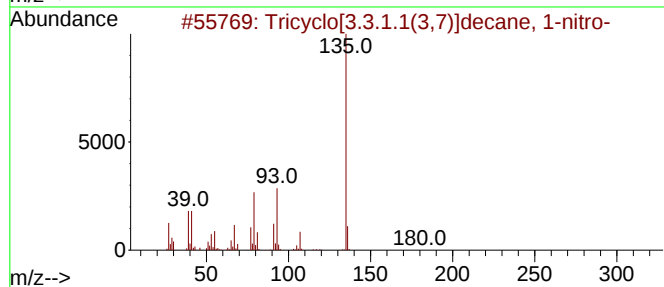
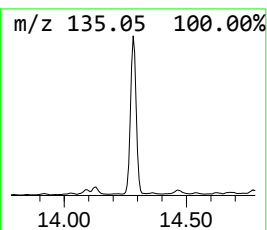
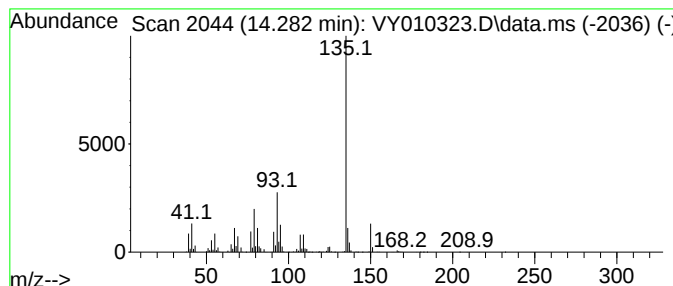
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 2

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 14.282 | 98.50 ug/l | 2686030 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm     | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Tricyclo[3.3.1.1(3,7)]decane, 1-...  | 181 | C10H15NO2   | 007575-82-8  | 72   |
| 2    |    |   | 1-Adamantyl bromomethyl ketone       | 256 | C12H17BrO   | 005122-82-7  | 72   |
| 3    |    |   | Adamantane-1-carbohydrazide, N2-...  | 316 | C18H21FN2O2 | 332037-11-3  | 72   |
| 4    |    |   | 2-(Adamantan-1-yloxy)-6-chloropy...  | 263 | C15H18ClNO  | 1000411-33-6 | 64   |
| 5    |    |   | 1-Adamantanecarboxylic acid, 3,5-... | 292 | C17H18F2O2  | 1000293-75-1 | 64   |



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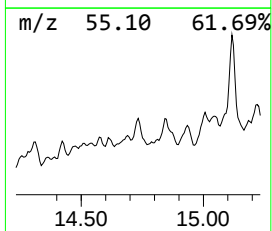
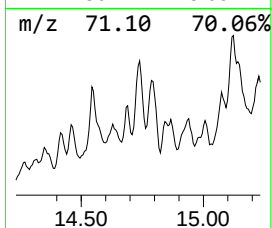
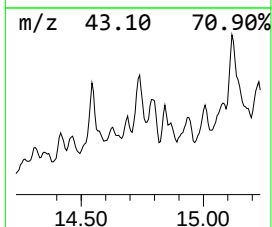
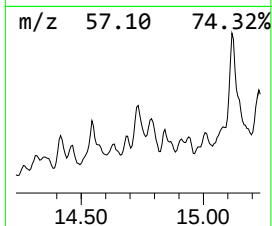
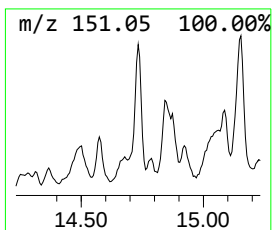
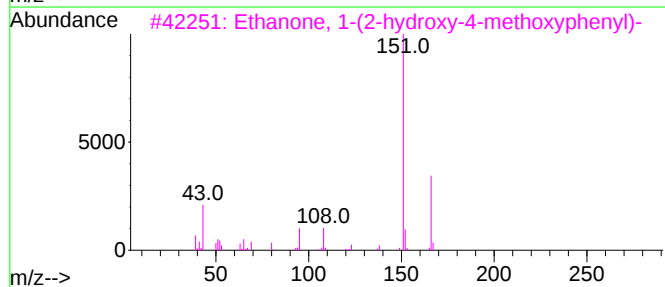
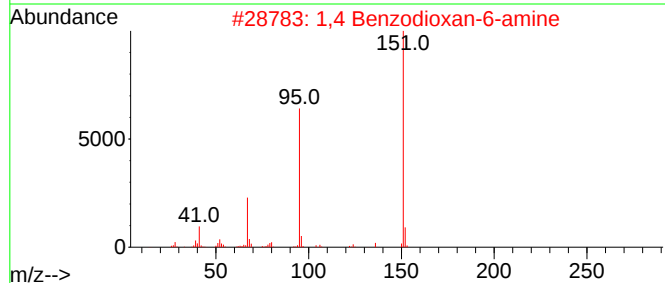
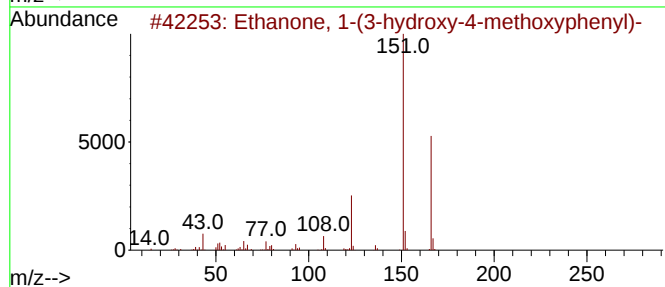
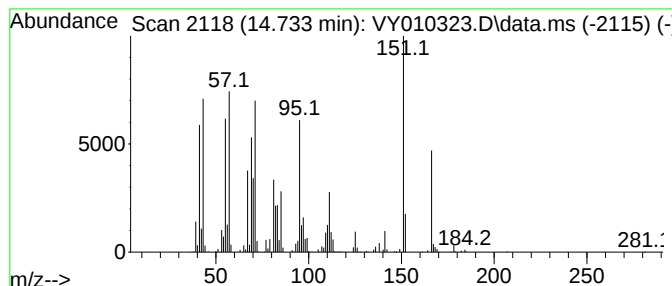
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260

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

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Peak Number 3 unknown14.733 Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.733 | 28.85 ug/l | 786849 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanone, 1-(3-hydroxy-4-methoxy... | 166 | C9H10O3  | 006100-74-9 | 38   |
| 2    |    |   | 1,4 Benzodioxan-6-amine             | 151 | C8H9NO2  | 022013-33-8 | 38   |
| 3    |    |   | Ethanone, 1-(2-hydroxy-4-methoxy... | 166 | C9H10O3  | 000552-41-0 | 22   |
| 4    |    |   | Naphthalene, decahydro-1,6-dimet... | 166 | C12H22   | 001750-51-2 | 20   |
| 5    |    |   | 2,6,6,10-Tetramethyl-undeca-8,10... | 236 | C15H24O2 | 098419-16-0 | 14   |



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260

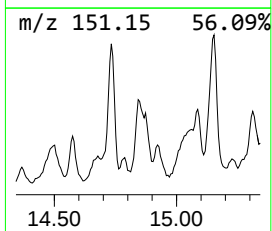
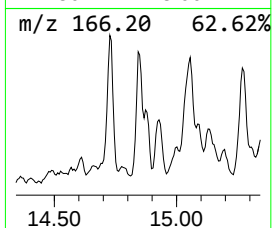
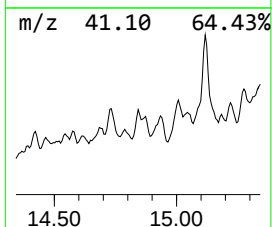
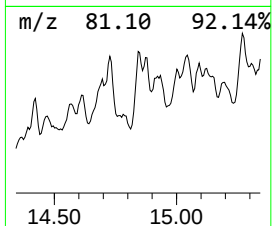
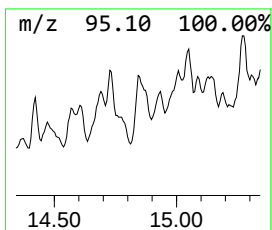
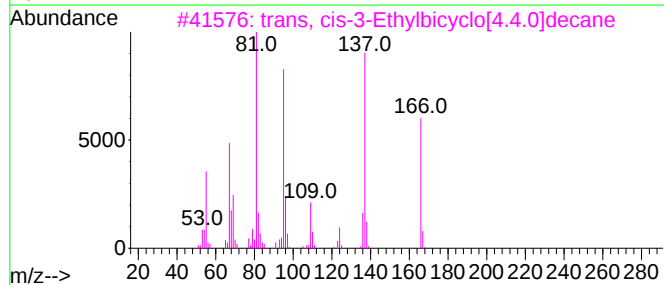
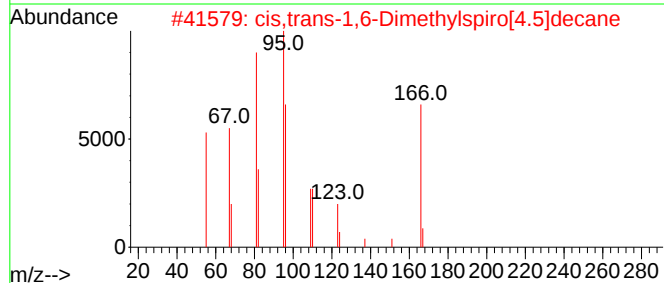
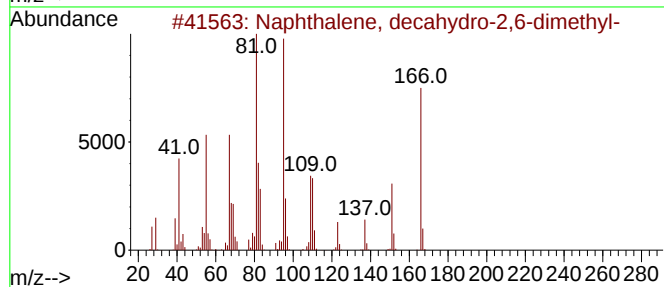
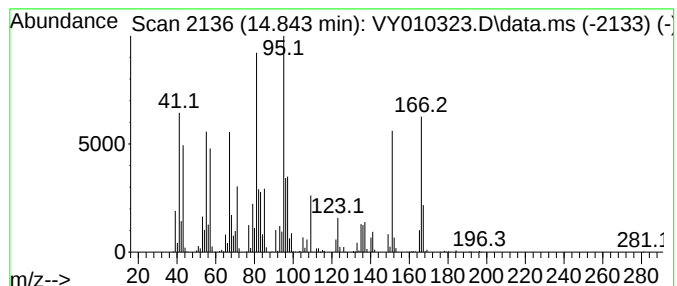
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Naphthalene, decahydro-2,6-... Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.843 | 26.84 ug/l | 732023 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, decahydro-2,6-dimet... | 166 | C12H22  | 001618-22-0  | 93   |
| 2    |    |   | cis,trans-1,6-Dimethylspiro[4.5]... | 166 | C12H22  | 1000111-72-3 | 86   |
| 3    |    |   | trans, cis-3-Ethylbicyclo[4.4.0]... | 166 | C12H22  | 066660-43-3  | 64   |
| 4    |    |   | Cyclohexene,3-hexyl-                | 166 | C12H22  | 015232-78-7  | 50   |
| 5    |    |   | Cyclohexene,1-hexyl-                | 166 | C12H22  | 003964-66-7  | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090322\  
Data File : VY010323.D  
Acq On : 03 Sep 2022 16:22  
Operator : KP/MD  
Sample : N4419-06  
Misc : 2.85g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
KTS2-MH-02-14-15

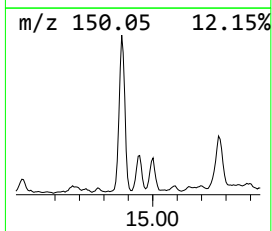
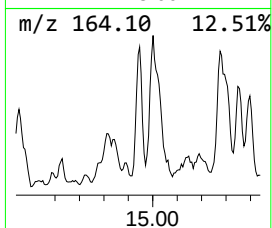
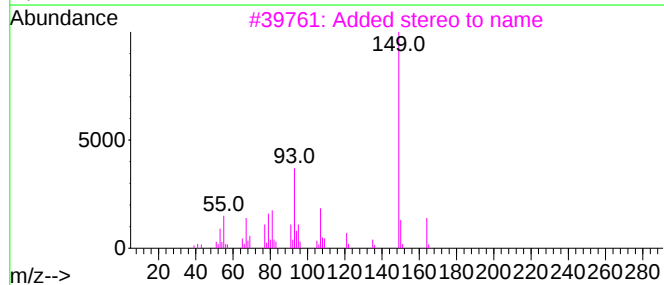
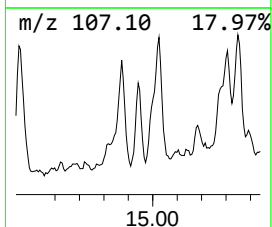
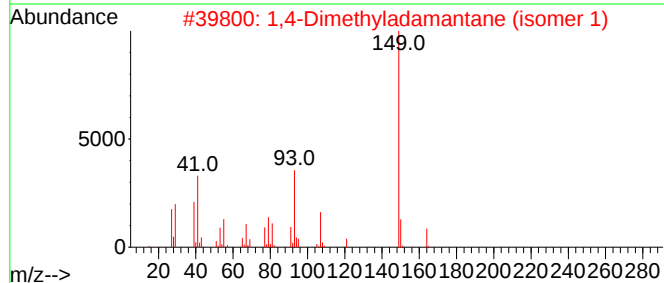
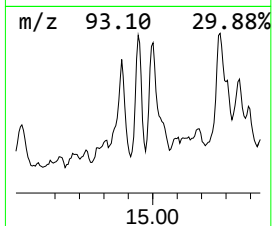
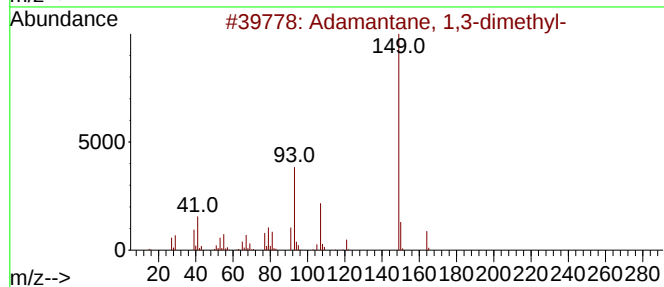
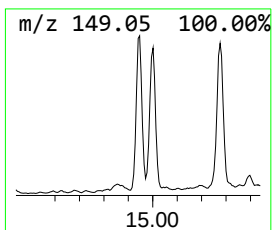
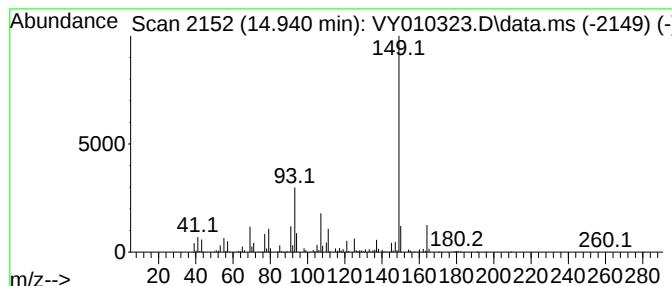
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Quant Title : SW846 8260

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

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Peak Number 5 Adamantane, 1,3-dimethyl- Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.940 | 34.05 ug/l | 928645 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Adamantane, 1,3-dimethyl-           | 164 | C12H20   | 000702-79-4  | 81   |
| 2    |    |   | 1,4-Dimethyladamantane (isomer 1)   | 164 | C12H20   | 1000460-67-0 | 81   |
| 3    |    |   | Added stereo to name                | 164 | C12H20   | 024145-89-9  | 74   |
| 4    |    |   | Added stereo to name                | 164 | C12H20   | 024145-88-8  | 74   |
| 5    |    |   | Pyridinium, 1-(acetylamino)-2,6-... | 164 | C9H12N2O | 031020-35-6  | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090322\  
Data File : VY010323.D  
Acq On : 03 Sep 2022 16:22  
Operator : KP/MD  
Sample : N4419-06  
Misc : 2.85g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
KTS2-MH-02-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260

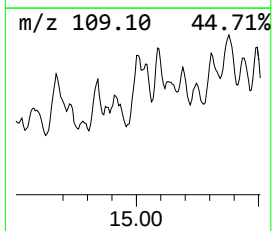
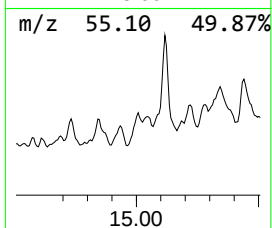
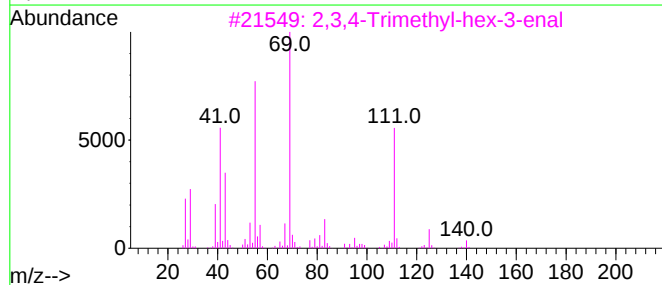
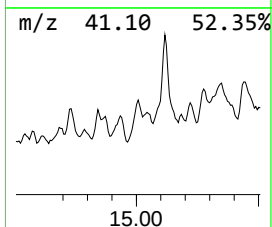
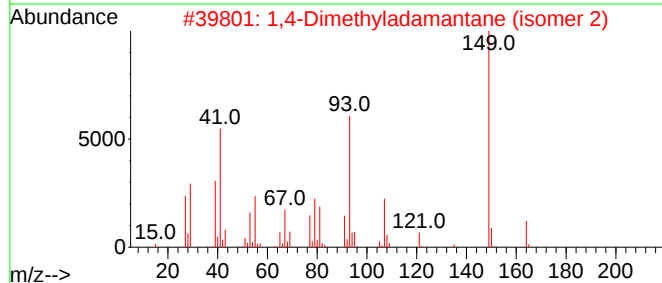
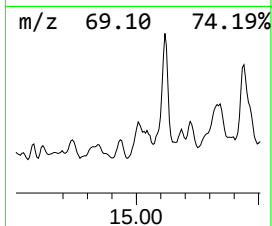
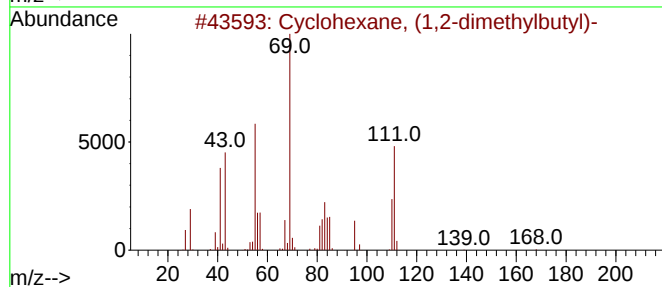
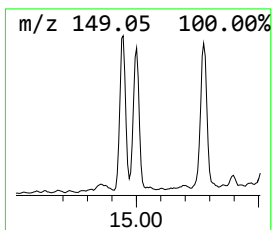
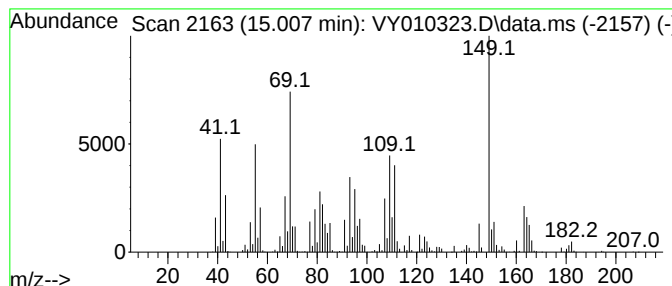
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown15.007 Concentration Rank 4

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 15.007 | 69.75 ug/l | 1902230 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Cyclohexane, (1,2-dimethylbutyl)-   | 168 | C12H24  | 061142-37-8  | 38   |
| 2    |    |   | 1,4-Dimethyladamantane (isomer 2)   | 164 | C12H20  | 1000460-67-1 | 30   |
| 3    |    |   | 2,3,4-Trimethyl-hex-3-enal          | 140 | C9H16O  | 1000193-72-9 | 25   |
| 4    |    |   | 9-Oxabicyclo[6.1.0]nonane, 1-met... | 140 | C9H16O  | 052954-47-9  | 25   |
| 5    |    |   | Cyclooctane, ethyl-                 | 140 | C10H20  | 013152-02-8  | 25   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090322\  
Data File : VY010323.D  
Acq On : 03 Sep 2022 16:22  
Operator : KP/MD  
Sample : N4419-06  
Misc : 2.85g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
KTS2-MH-02-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260

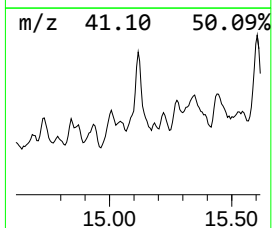
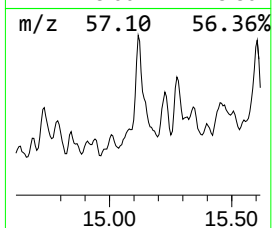
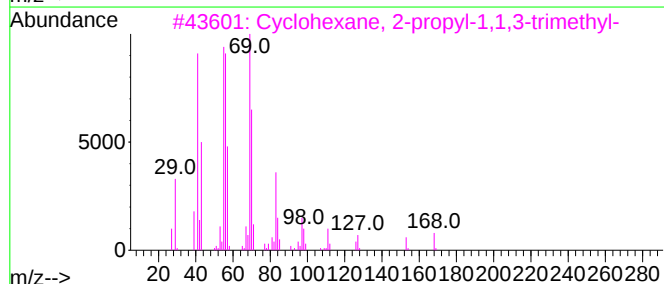
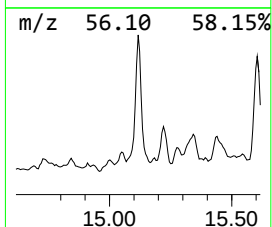
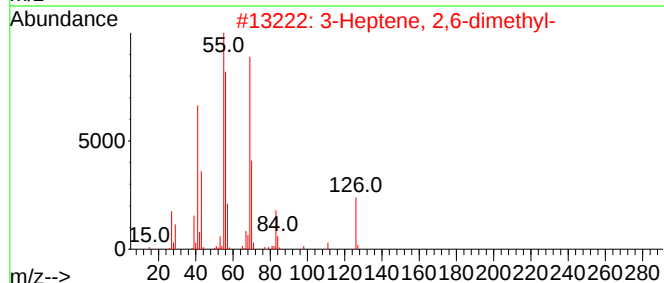
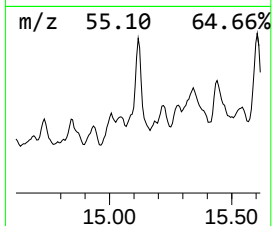
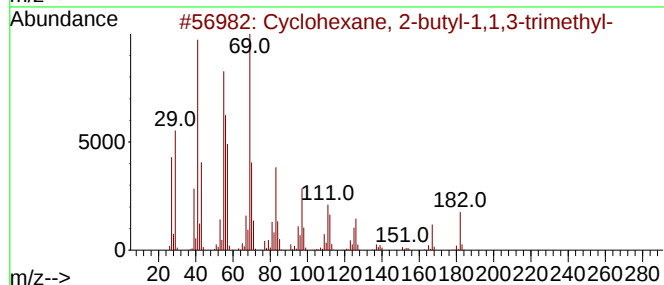
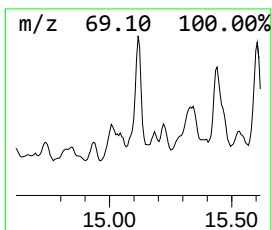
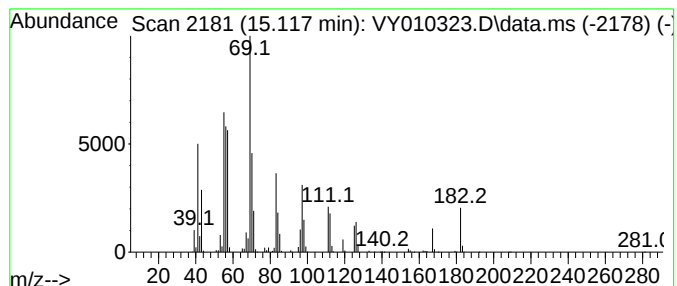
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 3

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 15.117 | 87.89 ug/l | 2396680 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26  | 054676-39-0 | 95   |
| 2    |    |   | 3-Heptene, 2,6-dimethyl-            | 126 | C9H18   | 002738-18-3 | 52   |
| 3    |    |   | Cyclohexane, 2-propyl-1,1,3-trim... | 168 | C12H24  | 081983-70-2 | 52   |
| 4    |    |   | 6-Tridecene                         | 182 | C13H26  | 024949-38-0 | 50   |
| 5    |    |   | 3-Heptene, 2-methyl-, (E)-          | 112 | C8H16   | 000692-96-6 | 46   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090322\  
Data File : VY010323.D  
Acq On : 03 Sep 2022 16:22  
Operator : KP/MD  
Sample : N4419-06  
Misc : 2.85g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
KTS2-MH-02-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260

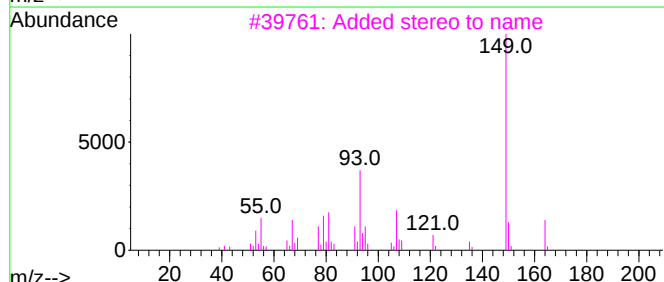
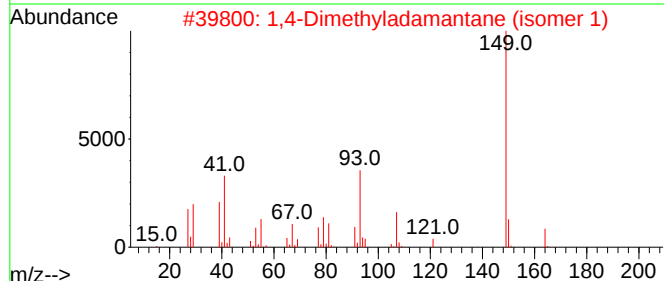
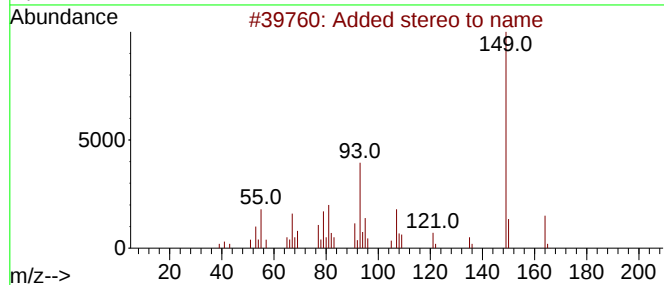
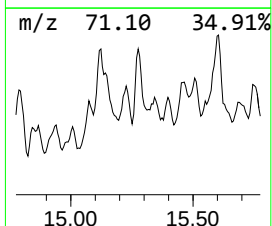
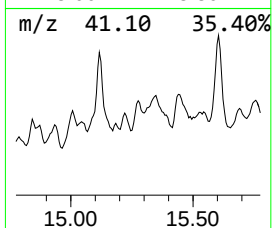
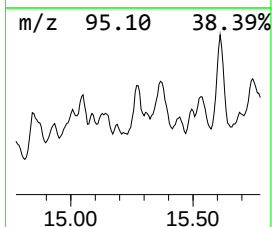
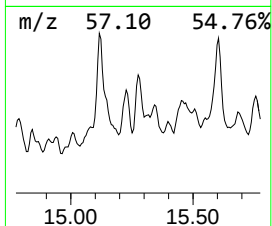
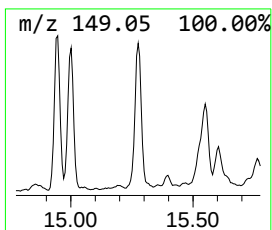
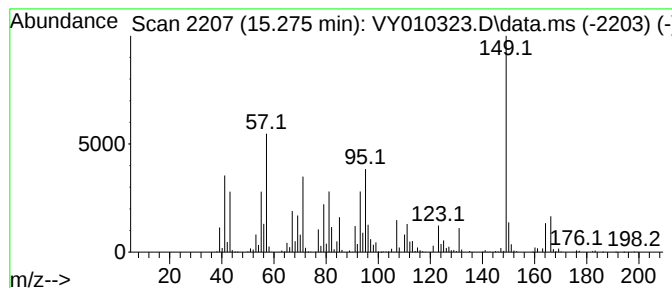
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown15.275 Concentration Rank 6

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 15.275 | 49.76 ug/l | 1356880 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm   | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|-----------|--------------|------|
| 1    | Added stereo to name                |   |              | 164 | C12H20    | 024145-88-8  | 53   |
| 2    | 1,4-Dimethyladamantane (isomer 1)   |   |              | 164 | C12H20    | 1000460-67-0 | 49   |
| 3    | Added stereo to name                |   |              | 164 | C12H20    | 024145-89-9  | 49   |
| 4    | Phthalic acid, 3-methoxy-4-nitro... |   |              | 443 | C24H29NO7 | 1000382-53-6 | 47   |
| 5    | Phthalic acid, decyl 3-methoxy-4... |   |              | 471 | C26H33NO7 | 1000382-53-8 | 47   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090322\  
Data File : VY010323.D  
Acq On : 03 Sep 2022 16:22  
Operator : KP/MD  
Sample : N4419-06  
Misc : 2.85g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
KTS2-MH-02-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260

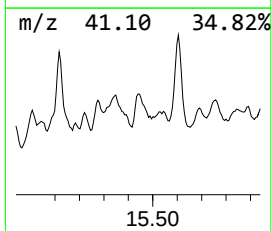
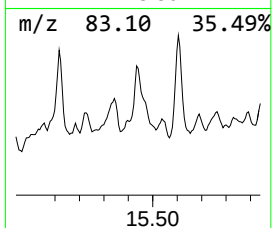
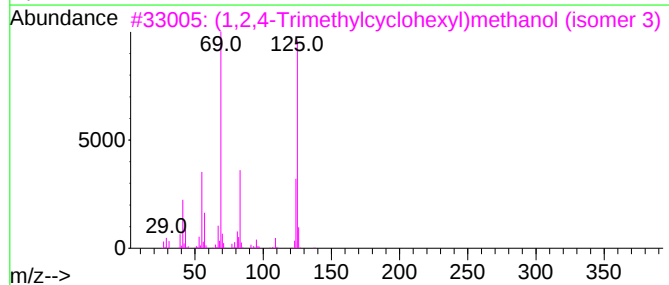
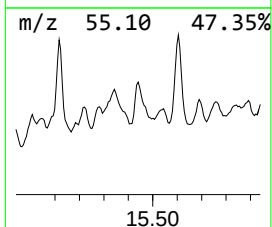
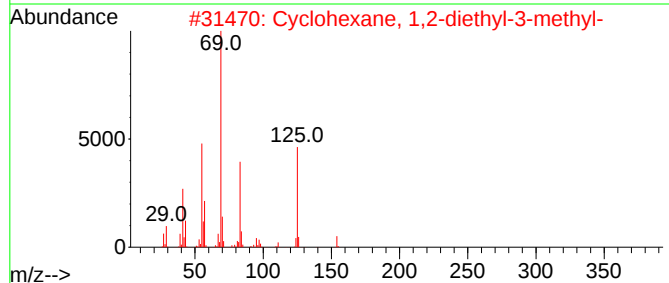
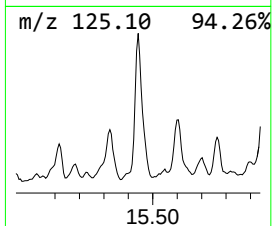
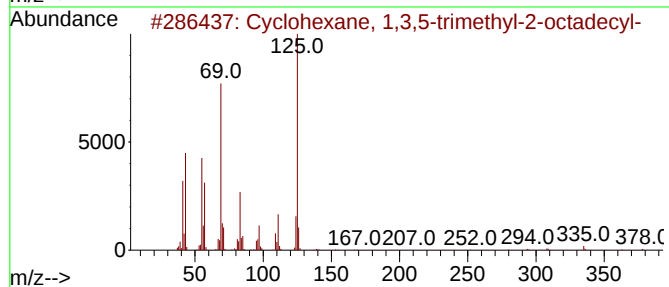
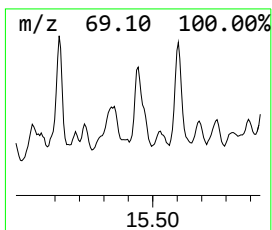
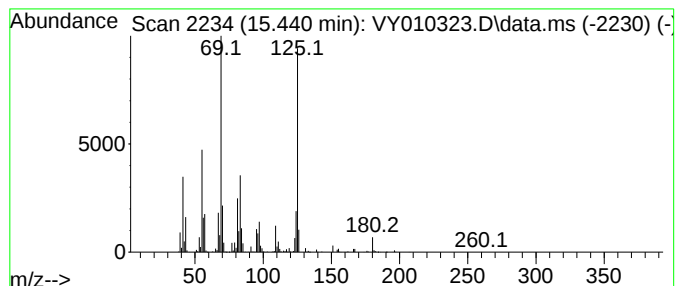
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Cyclohexane, 1,3,5-trimethy... Concentration Rank 5

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 15.440 | 68.45 ug/l | 1866640 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Cyclohexane, 1,3,5-trimethyl-2-o... | 378 | C27H54   | 055282-34-3  | 90   |
| 2    |    |   | Cyclohexane, 1,2-diethyl-3-methyl-  | 154 | C11H22   | 061141-80-8  | 72   |
| 3    |    |   | (1,2,4-Trimethylcyclohexyl)metha... | 156 | C10H20O  | 1000499-04-0 | 64   |
| 4    |    |   | Cyclohexane, 1,1'-(1-methylethyl... | 208 | C15H28   | 054934-90-6  | 59   |
| 5    |    |   | Zinc, bis[2-(1,1-dimethylethyl)-... | 314 | C18H34Zn | 074793-36-5  | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090322\  
Data File : VY010323.D  
Acq On : 03 Sep 2022 16:22  
Operator : KP/MD  
Sample : N4419-06  
Misc : 2.85g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
KTS2-MH-02-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260

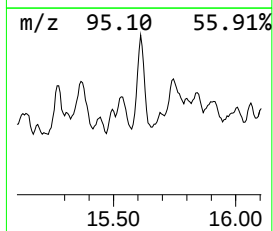
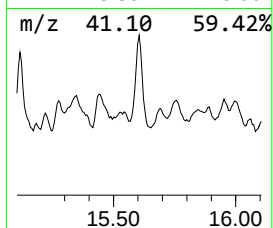
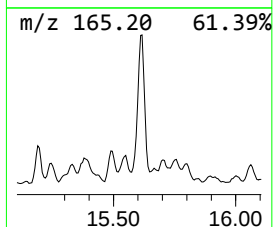
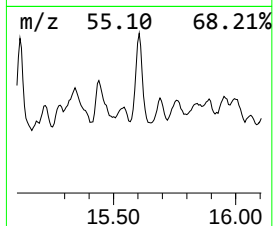
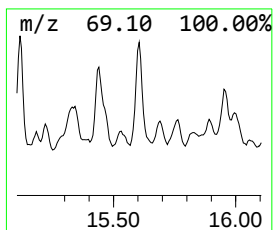
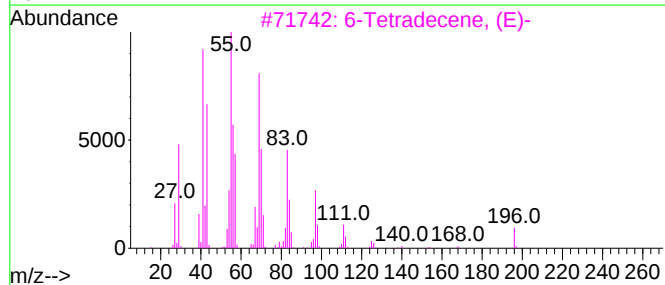
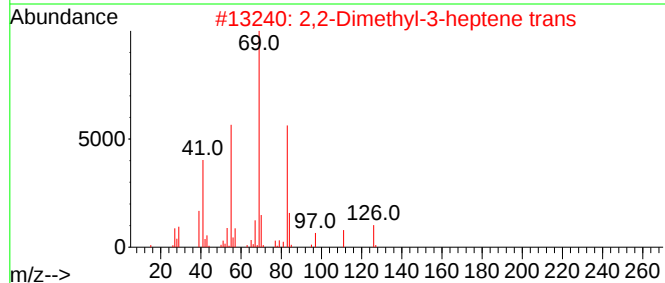
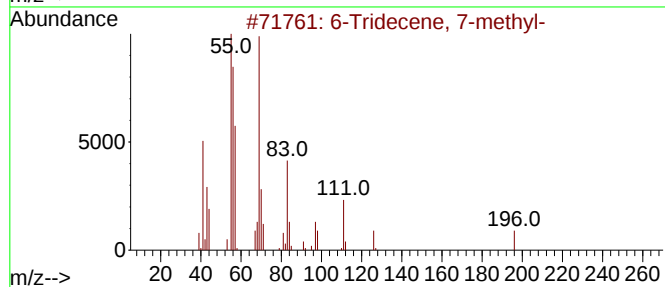
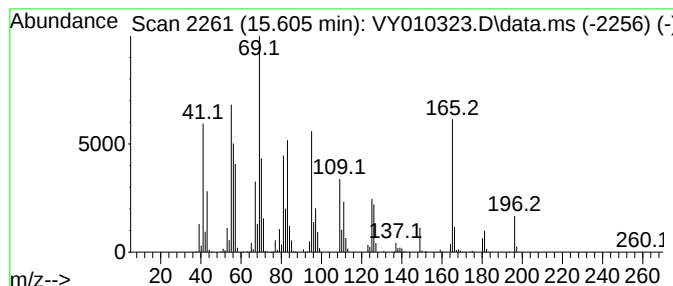
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown15.605 Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 15.605 | 139.44 ug/l | 3802600 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of                            | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 6-Tridecene, 7-methyl-        |   |              | 196 | C14H28  | 024949-42-6 | 46   |
| 2    | 2,2-Dimethyl-3-heptene trans  |   |              | 126 | C9H18   | 019550-75-5 | 43   |
| 3    | 6-Tetradecene, (E)-           |   |              | 196 | C14H28  | 041446-64-4 | 41   |
| 4    | Tridecane, 7-methylene-       |   |              | 196 | C14H28  | 019780-80-4 | 38   |
| 5    | Cyclohexane, 1,2,3-trimethyl- |   |              | 126 | C9H18   | 001678-97-3 | 35   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090322\  
Data File : VY010323.D  
Acq On : 03 Sep 2022 16:22  
Operator : KP/MD  
Sample : N4419-06  
Misc : 2.85g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
KTS2-MH-02-14-15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.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 |
| unknown13.959      | 13.959 | 36.6    | ug/l  | 998426   | 4                     | 13.422 | 1363530 | 50.0 |
| Tricyclo[3.3.1.... | 14.282 | 98.5    | ug/l  | 2686030  | 4                     | 13.422 | 1363530 | 50.0 |
| unknown14.733      | 14.733 | 28.9    | ug/l  | 786849   | 4                     | 13.422 | 1363530 | 50.0 |
| Naphthalene, de... | 14.843 | 26.8    | ug/l  | 732023   | 4                     | 13.422 | 1363530 | 50.0 |
| Adamantane, 1,3... | 14.940 | 34.0    | ug/l  | 928645   | 4                     | 13.422 | 1363530 | 50.0 |
| unknown15.007      | 15.007 | 69.8    | ug/l  | 1902230  | 4                     | 13.422 | 1363530 | 50.0 |
| Cyclohexane, 2-... | 15.117 | 87.9    | ug/l  | 2396680  | 4                     | 13.422 | 1363530 | 50.0 |
| unknown15.275      | 15.275 | 49.8    | ug/l  | 1356880  | 4                     | 13.422 | 1363530 | 50.0 |
| Cyclohexane, 1,... | 15.440 | 68.5    | ug/l  | 1866640  | 4                     | 13.422 | 1363530 | 50.0 |
| unknown15.605      | 15.605 | 139.4   | ug/l  | 3802600  | 4                     | 13.422 | 1363530 | 50.0 |