

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
 Data File : VY019483.D  
 Acq On : 10 Sep 2024 13:27  
 Operator : SY/MD  
 Sample : P3852-04  
 Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI356

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\82Y090924S.M

Title : SW846 8260

Signal : TIC: VY019483.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         | 2.086       | 50            | 60          | 61           | rBV5     | 12778          | 32114         | 1.50%           | 0.214%        |
| 2         | 2.171       | 69            | 74          | 82           | rBV      | 69811          | 115200        | 5.40%           | 0.767%        |
| 3         | 4.604       | 465           | 473         | 482          | rBV4     | 9332           | 28883         | 1.35%           | 0.192%        |
| 4         | 7.439       | 931           | 938         | 945          | rVB2     | 9422           | 21714         | 1.02%           | 0.145%        |
| 5         | 7.628       | 961           | 969         | 975          | rBV      | 293032         | 704670        | 33.01%          | 4.692%        |
| 6         | 7.707       | 975           | 982         | 995          | rVB      | 482922         | 1133419       | 53.10%          | 7.546%        |
| 7         | 8.061       | 1031          | 1040        | 1051         | rBV      | 268390         | 597924        | 28.01%          | 3.981%        |
| 8         | 8.609       | 1121          | 1130        | 1143         | rBV      | 815484         | 1626141       | 76.18%          | 10.827%       |
| 9         | 9.987       | 1350          | 1356        | 1361         | rBV3     | 11440          | 22327         | 1.05%           | 0.149%        |
| 10        | 10.103      | 1368          | 1375        | 1384         | rBV      | 1226946        | 2134674       | 100.00%         | 14.212%       |
| 11        | 11.414      | 1583          | 1590        | 1603         | rBV      | 1143650        | 1852868       | 86.80%          | 12.336%       |
| 12        | 12.407      | 1745          | 1753        | 1765         | rBV      | 800077         | 1276483       | 59.80%          | 8.499%        |
| 13        | 13.346      | 1900          | 1907        | 1916         | rVB      | 873715         | 1310422       | 61.39%          | 8.725%        |
| 14        | 13.669      | 1955          | 1960        | 1965         | rBV4     | 25764          | 47172         | 2.21%           | 0.314%        |
| 15        | 13.852      | 1984          | 1990        | 1992         | rBV5     | 12885          | 28233         | 1.32%           | 0.188%        |
| 16        | 13.883      | 1992          | 1995        | 2000         | rVB3     | 22878          | 41187         | 1.93%           | 0.274%        |
| 17        | 13.999      | 2008          | 2014        | 2019         | rBV      | 66517          | 118636        | 5.56%           | 0.790%        |
| 18        | 14.078      | 2020          | 2027        | 2031         | rVV5     | 37762          | 93472         | 4.38%           | 0.622%        |
| 19        | 14.120      | 2031          | 2034        | 2037         | rVV3     | 14778          | 23433         | 1.10%           | 0.156%        |
| 20        | 14.175      | 2038          | 2043        | 2049         | rVV4     | 72466          | 129209        | 6.05%           | 0.860%        |
| 21        | 14.297      | 2059          | 2063        | 2066         | rBV5     | 17021          | 33179         | 1.55%           | 0.221%        |
| 22        | 14.340      | 2066          | 2070        | 2075         | rVV2     | 80124          | 113410        | 5.31%           | 0.755%        |
| 23        | 14.395      | 2075          | 2079        | 2084         | rVV5     | 33909          | 64768         | 3.03%           | 0.431%        |
| 24        | 14.535      | 2098          | 2102        | 2105         | rBV4     | 44870          | 58850         | 2.76%           | 0.392%        |
| 25        | 14.602      | 2106          | 2113        | 2117         | rBV7     | 88178          | 227481        | 10.66%          | 1.515%        |
| 26        | 14.651      | 2117          | 2121        | 2127         | rVV4     | 146324         | 275203        | 12.89%          | 1.832%        |
| 27        | 14.700      | 2127          | 2129        | 2132         | rBV      | 23844          | 33271         | 1.56%           | 0.222%        |
| 28        | 14.761      | 2136          | 2139        | 2142         | rBV3     | 83386          | 109758        | 5.14%           | 0.731%        |
| 29        | 14.852      | 2151          | 2154        | 2158         | rVB5     | 97926          | 149248        | 6.99%           | 0.994%        |
| 30        | 14.956      | 2167          | 2171        | 2176         | rBV7     | 60161          | 133584        | 6.26%           | 0.889%        |
| 31        | 15.041      | 2181          | 2185        | 2192         | rVB5     | 134923         | 293149        | 13.73%          | 1.952%        |
| 32        | 15.126      | 2194          | 2199        | 2202         | rBV2     | 186624         | 293322        | 13.74%          | 1.953%        |
| 33        | 15.169      | 2203          | 2206        | 2208         | rBV      | 69825          | 93480         | 4.38%           | 0.622%        |
| 34        | 15.346      | 2231          | 2235        | 2243         | rBV8     | 164787         | 422205        | 19.78%          | 2.811%        |
| 35        | 15.510      | 2256          | 2262        | 2267         | rBV3     | 266308         | 577533        | 27.05%          | 3.845%        |
| 36        | 15.925      | 2326          | 2330        | 2334         | rVB3     | 175685         | 273131        | 12.79%          | 1.818%        |

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Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

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\82Y090924S.M  
Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 16.047 | 2346 | 2350 | 2355 | rVB3 | 326433 | 530136 | 24.83% | 3.530% |
|----|--------|------|------|------|------|--------|--------|--------|--------|

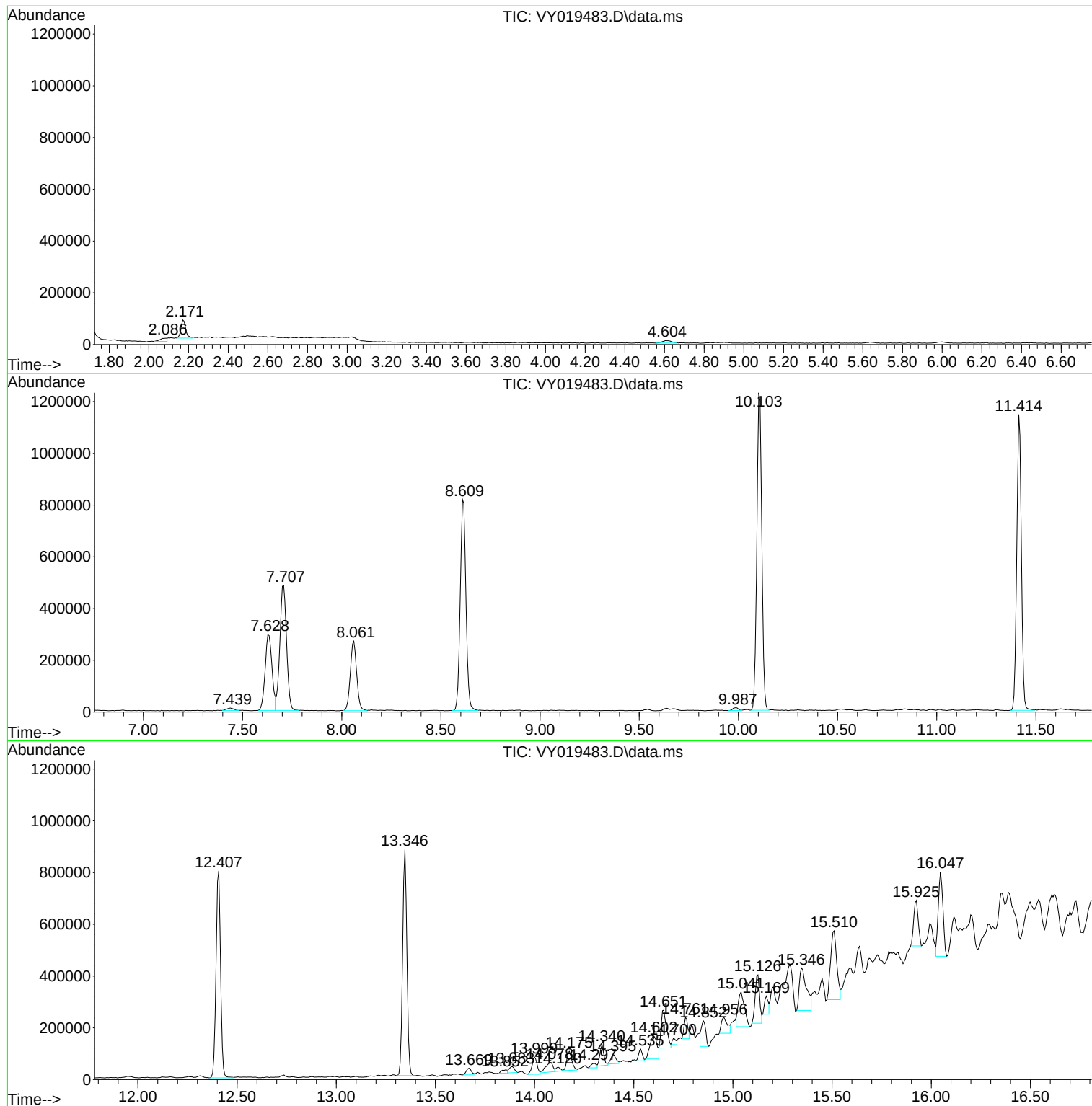
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
Data File : VY019483.D  
Acq On : 10 Sep 2024 13:27  
Operator : SY/MD  
Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

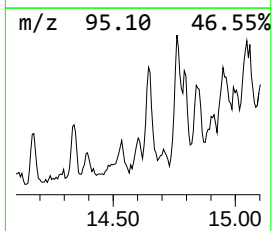
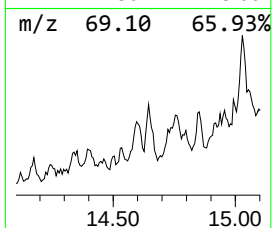
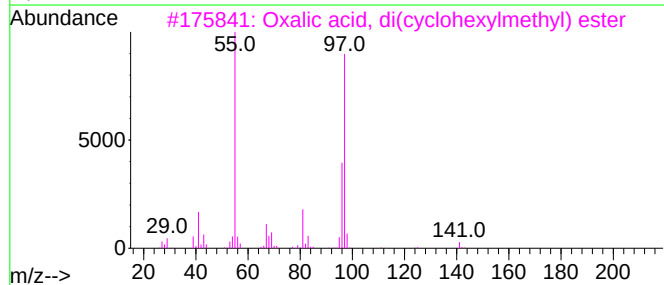
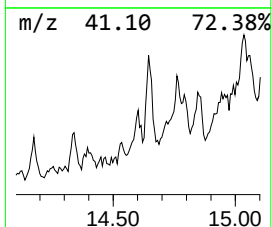
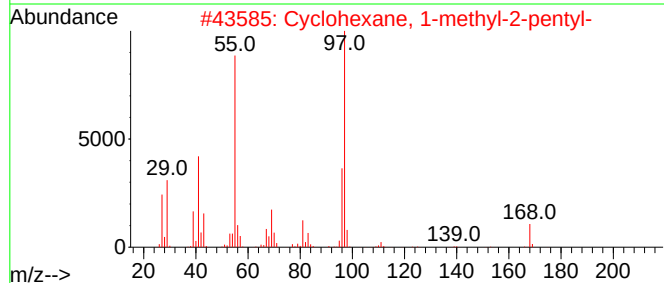
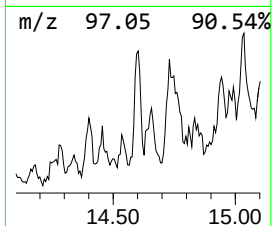
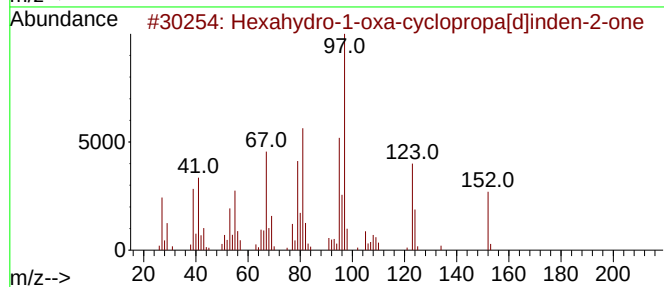
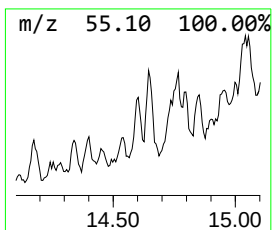
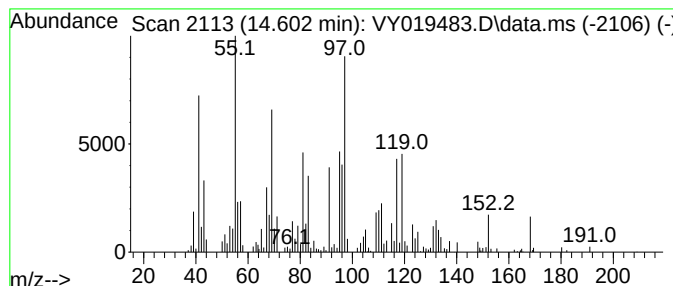
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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

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Peak Number 1 unknown14.602 Concentration Rank 8

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.602 | 8.68 ug/l | 227481 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Hexahydro-1-oxa-cyclopropa[d]ind...  | 152 | C9H12O2    | 037643-23-5  | 38   |
| 2    |    |   | Cyclohexane, 1-methyl-2-pentyl-      | 168 | C12H24     | 054411-01-7  | 30   |
| 3    |    |   | Oxalic acid, di(cyclohexylmethyl)... | 282 | C16H26O4   | 1000309-68-5 | 27   |
| 4    |    |   | Succinic acid, cyclohexylmethyl ...  | 268 | C15H24O4   | 1000391-19-5 | 27   |
| 5    |    |   | 4-(Pyrrolidin-1-yl)isothiazolidi...  | 190 | C7H14N2O2S | 1000481-47-5 | 27   |



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Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

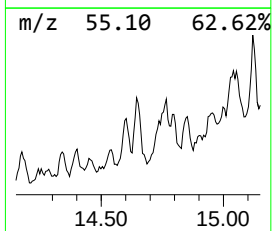
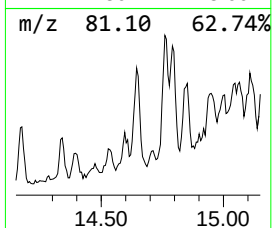
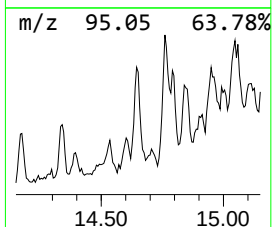
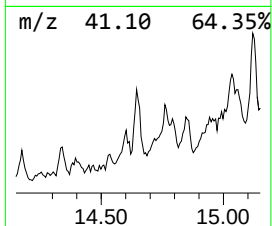
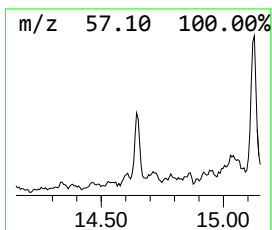
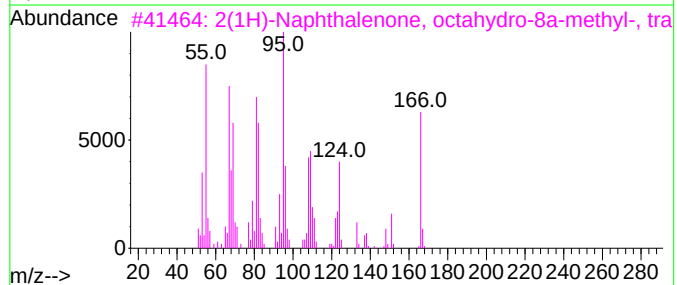
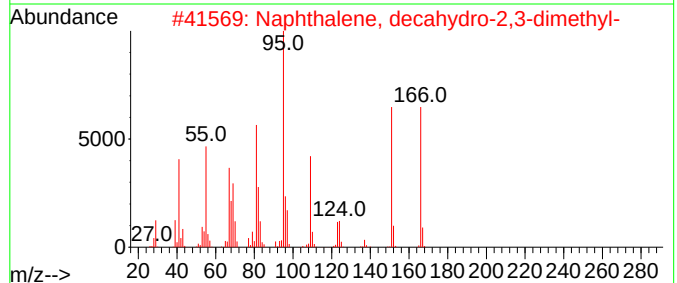
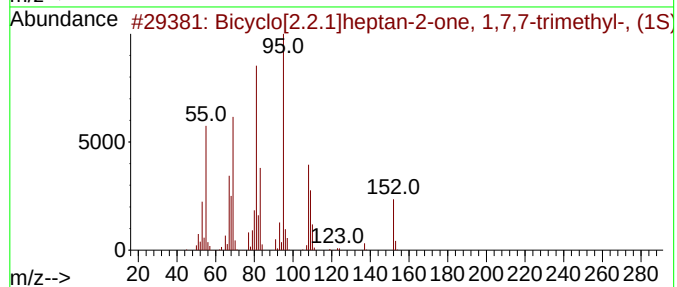
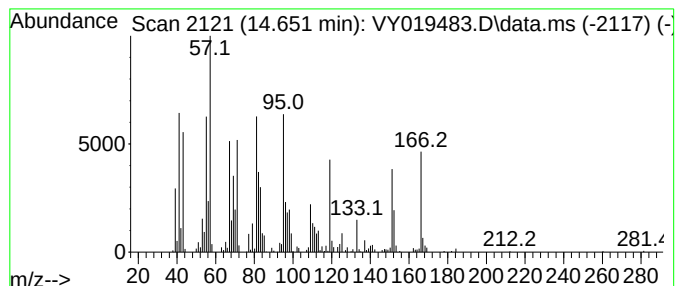
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.651 | 10.50 ug/l | 275203 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 60   |
| 2    |    |   | Naphthalene, decahydro-2,3-dimet... | 166 | C12H22  | 001008-80-6 | 49   |
| 3    |    |   | 2(1H)-Naphthalenone, octahydro-8... | 166 | C11H18O | 001197-95-1 | 45   |
| 4    |    |   | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1 | 42   |
| 5    |    |   | Bicyclo[4.1.0]heptane, 7-pentyl-    | 166 | C12H22  | 041977-45-1 | 42   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
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Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

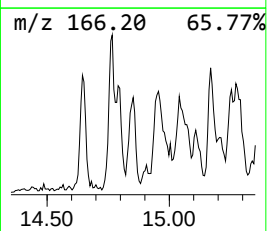
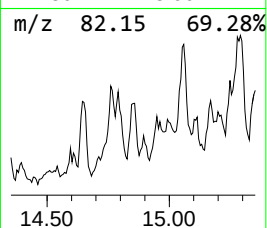
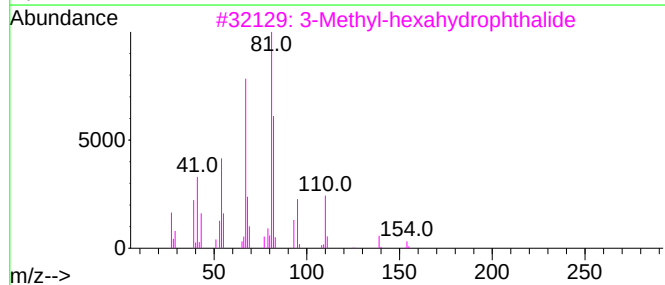
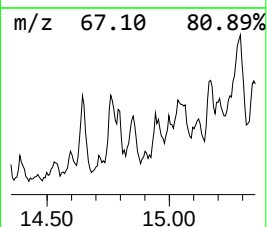
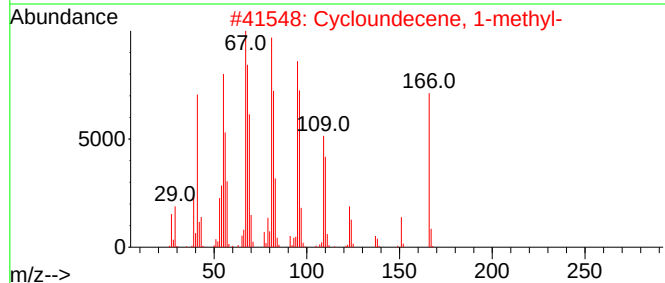
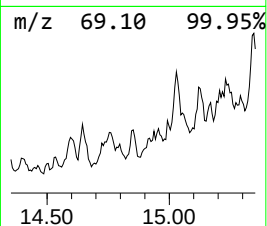
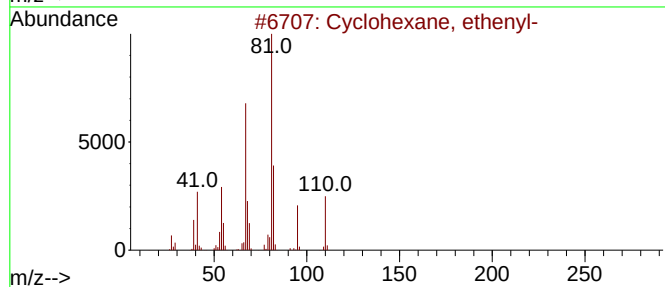
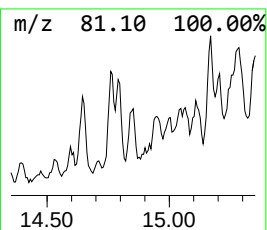
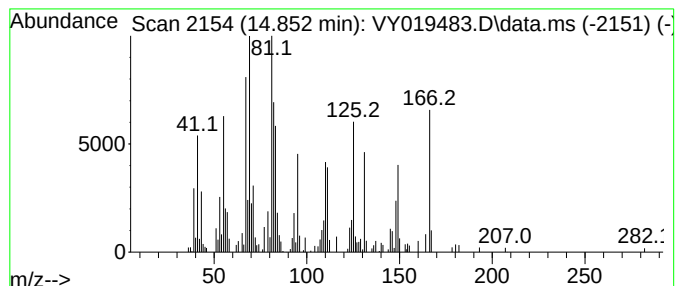
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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

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Peak Number 3 unknown14.852 Concentration Rank 9

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.852 | 5.69 ug/l | 149248 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, ethenyl-            | 110 | C8H14   | 000695-12-5 | 35   |
| 2    |    |   | Cycloundecene, 1-methyl-         | 166 | C12H22  | 088828-82-4 | 35   |
| 3    |    |   | 3-Methyl-hexahydrophthalide      | 154 | C9H14O2 | 002205-25-6 | 30   |
| 4    |    |   | Bicyclo[4.1.0]heptane, 7-pentyl- | 166 | C12H22  | 041977-45-1 | 25   |
| 5    |    |   | 3-Heptyne, 5-methyl-             | 110 | C8H14   | 061228-09-9 | 25   |



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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

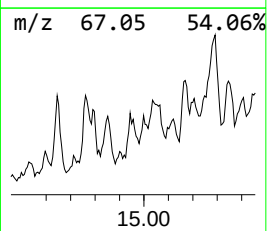
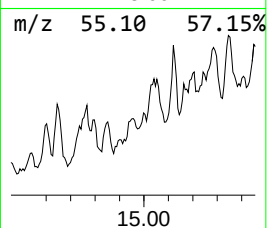
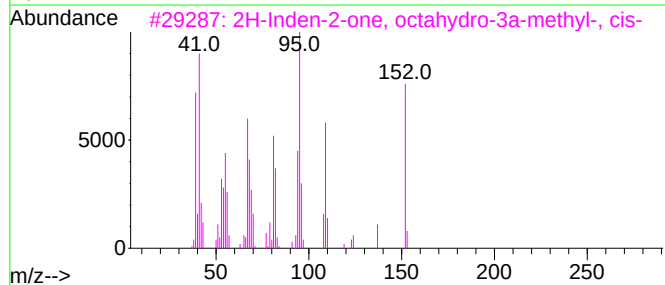
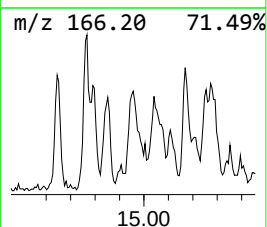
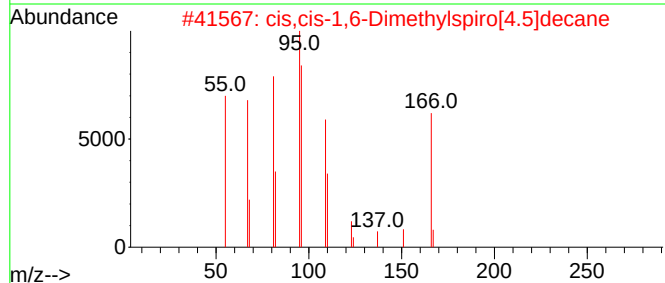
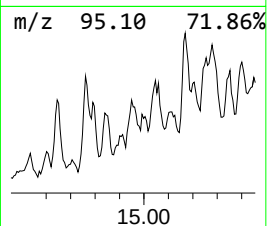
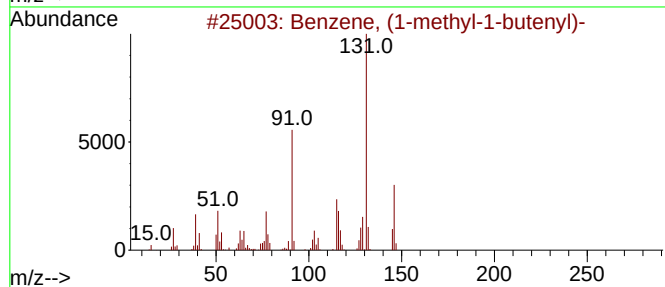
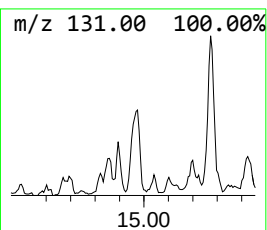
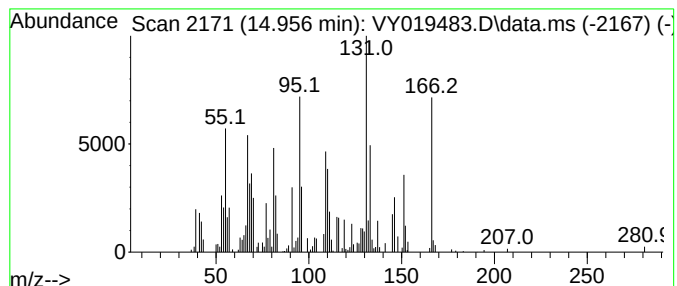
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

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

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Peak Number 4 unknown14.956 Concentration Rank 10

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.956 | 5.10 ug/l | 133584 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2  | 40   |
| 2    |    |   | cis,cis-1,6-Dimethylspiro[4.5]de... | 166 | C12H22  | 1000111-72-4 | 38   |
| 3    |    |   | 2H-Inden-2-one, octahydro-3a-met... | 152 | C10H16O | 013351-29-6  | 35   |
| 4    |    |   | Naphthalene, decahydro-2,3-dimet... | 166 | C12H22  | 001008-80-6  | 30   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14  | 052161-57-6  | 25   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
Data File : VY019483.D  
Acq On : 10 Sep 2024 13:27  
Operator : SY/MD  
Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

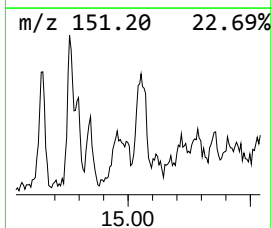
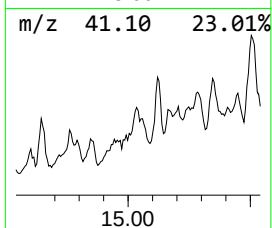
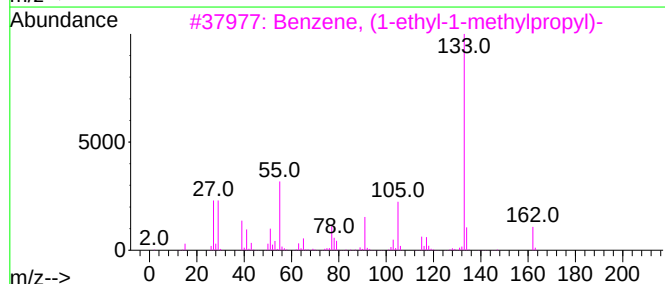
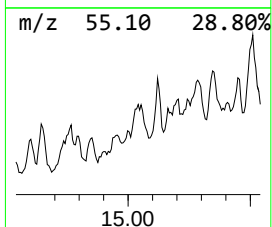
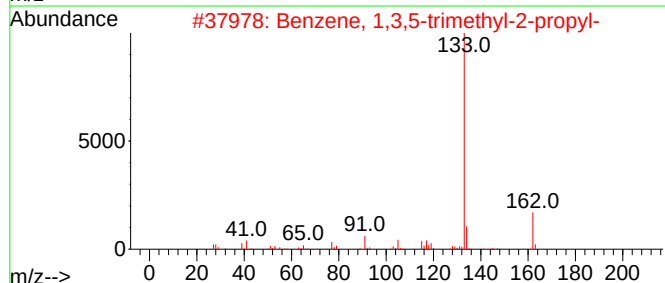
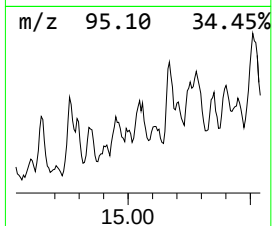
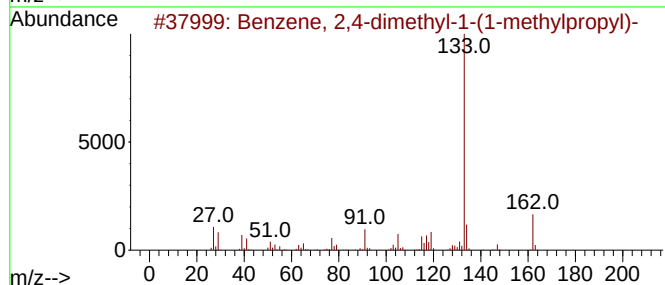
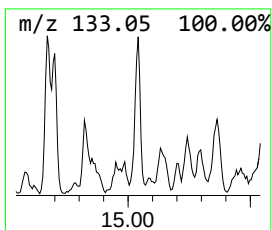
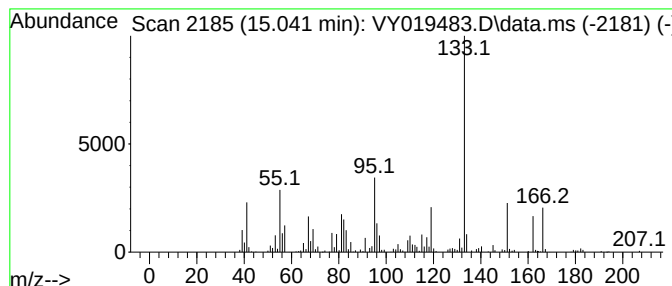
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown15.401 Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.041 | 11.19 ug/l | 293149 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzene, 2,4-dimethyl-1-(1-methy... | 162 | C12H18     | 001483-60-9  | 49   |
| 2    |    |   | Benzene, 1,3,5-trimethyl-2-propyl-  | 162 | C12H18     | 004810-04-2  | 43   |
| 3    |    |   | Benzene, (1-ethyl-1-methylpropyl)-  | 162 | C12H18     | 001985-97-3  | 38   |
| 4    |    |   | Benzene, 2-(chloromethyl)-1,3,5-... | 168 | C10H13Cl   | 001585-16-6  | 35   |
| 5    |    |   | 2,4,6-Trimethylbenzyl mercaptan,... | 362 | C14H13F7OS | 1000469-60-5 | 35   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
Data File : VY019483.D  
Acq On : 10 Sep 2024 13:27  
Operator : SY/MD  
Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

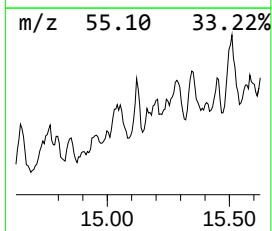
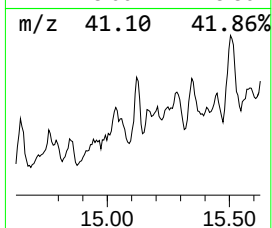
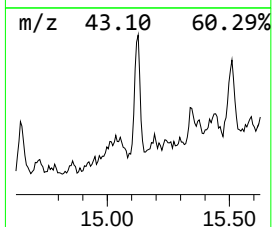
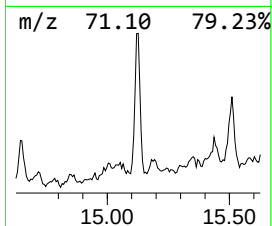
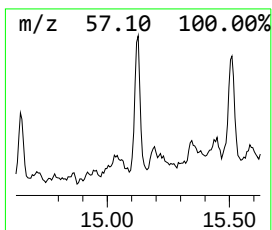
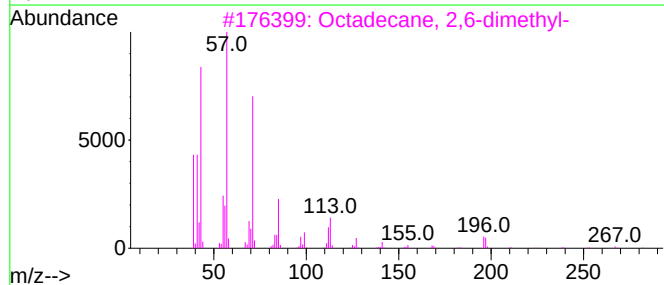
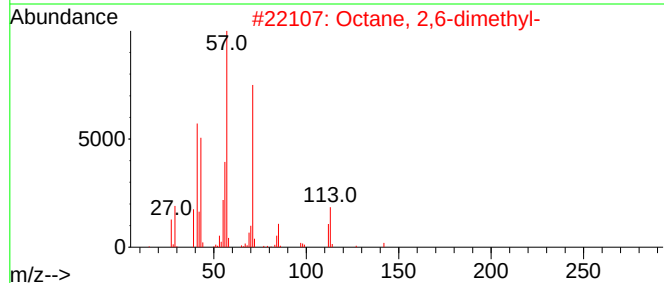
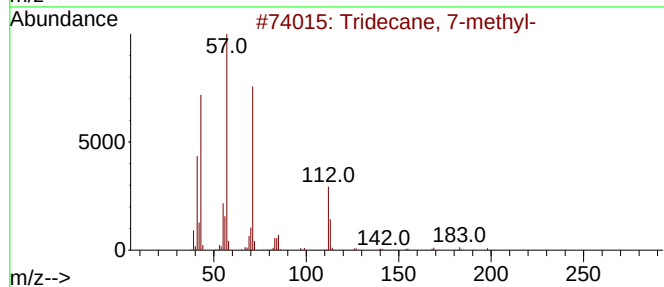
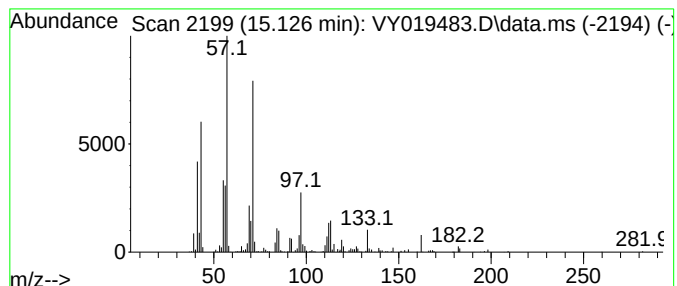
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Quant Title : SW846 8260

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

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Peak Number 6 Tridecane, 7-methyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.126 | 11.19 ug/l | 293322 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm   | CAS#        | Qual |
|------|----|---|----------------------------|-----|-----------|-------------|------|
| 1    |    |   | Tridecane, 7-methyl-       | 198 | C14H30    | 026730-14-3 | 76   |
| 2    |    |   | Octane, 2,6-dimethyl-      | 142 | C10H22    | 002051-30-1 | 64   |
| 3    |    |   | Octadecane, 2,6-dimethyl-  | 282 | C20H42    | 075163-97-2 | 64   |
| 4    |    |   | Heptadecane, 2,6-dimethyl- | 268 | C19H40    | 054105-67-8 | 59   |
| 5    |    |   | Octyl thioglycolate        | 204 | C10H20O2S | 007664-80-4 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
Data File : VY019483.D  
Acq On : 10 Sep 2024 13:27  
Operator : SY/MD  
Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

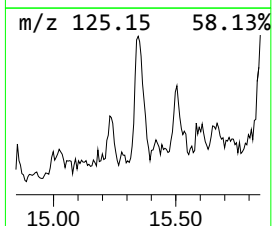
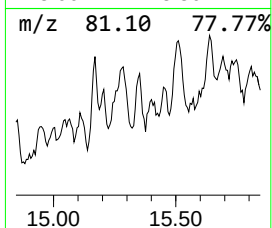
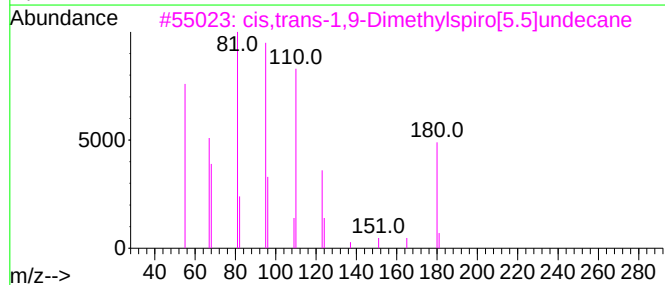
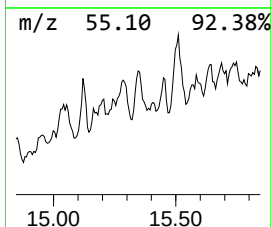
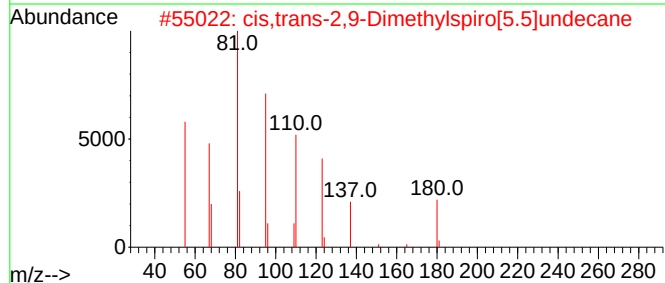
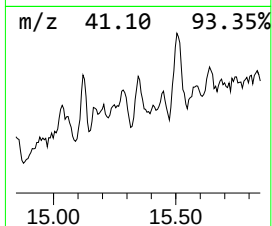
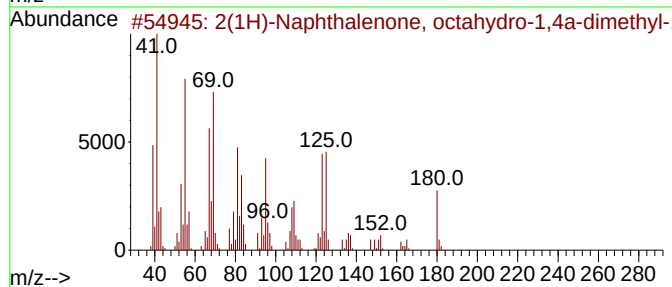
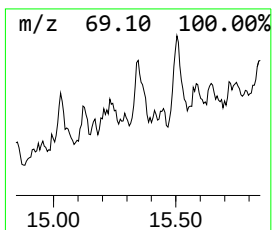
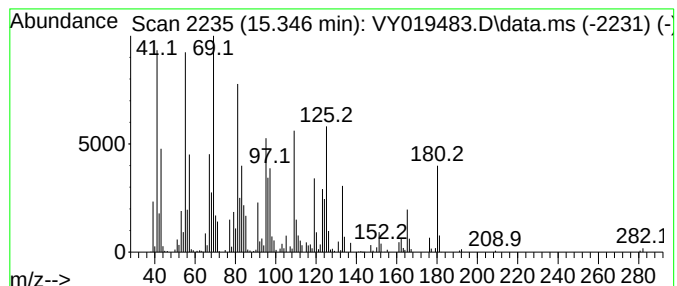
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Quant Title : SW846 8260

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

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Peak Number 7 2(1H)-Naphthalenone, octahy... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD       |         | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|---------|--------------|------|
| 15.346    | 16.11 ug/l                          | 422205 | 1,4-Dichlorobenzene-d4 |         | 13.346       |      |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm | CAS#         | Qual |
| 1         | 2(1H)-Naphthalenone, octahydro-1... |        | 180                    | C12H20O | 022738-31-4  | 50   |
| 2         | cis,trans-2,9-Dimethylspiro[5.5]... |        | 180                    | C13H24  | 095530-74-8  | 42   |
| 3         | cis,trans-1,9-Dimethylspiro[5.5]... |        | 180                    | C13H24  | 1000111-73-3 | 30   |
| 4         | cis,cis-2,9-Dimethylspiro[5.5]un... |        | 180                    | C13H24  | 095472-51-8  | 30   |
| 5         | Bicyclo[4.1.0]heptane, 3-methyl-... |        | 180                    | C13H24  | 041977-48-4  | 22   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
Data File : VY019483.D  
Acq On : 10 Sep 2024 13:27  
Operator : SY/MD  
Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

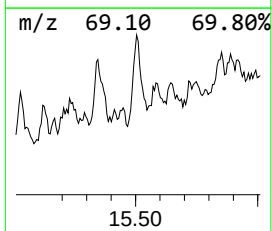
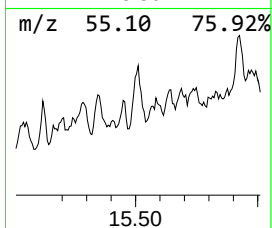
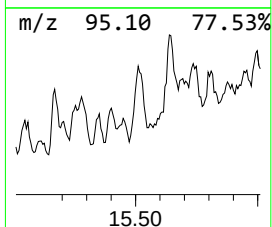
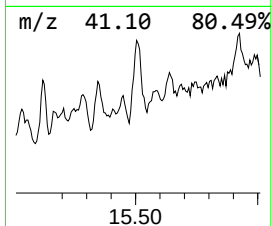
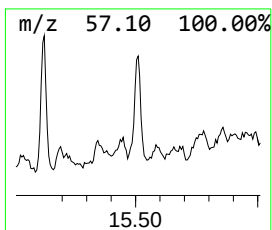
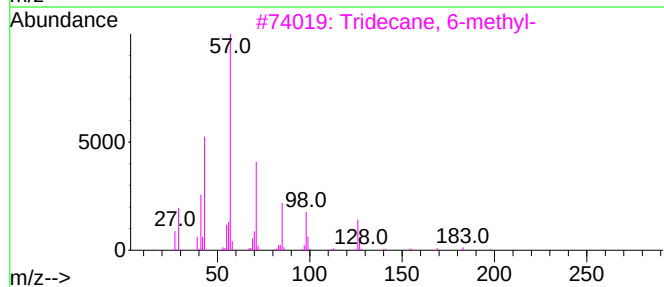
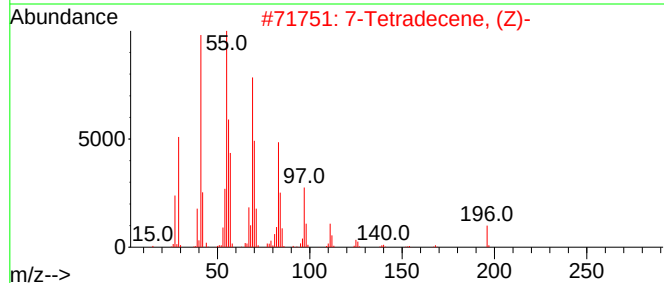
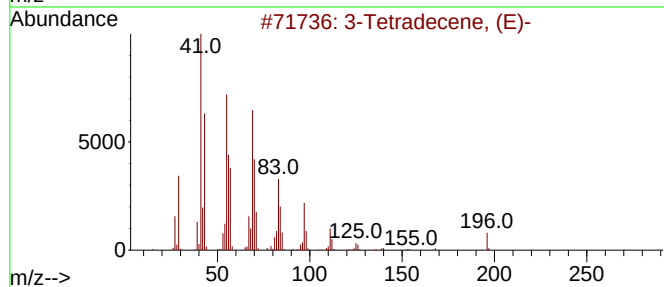
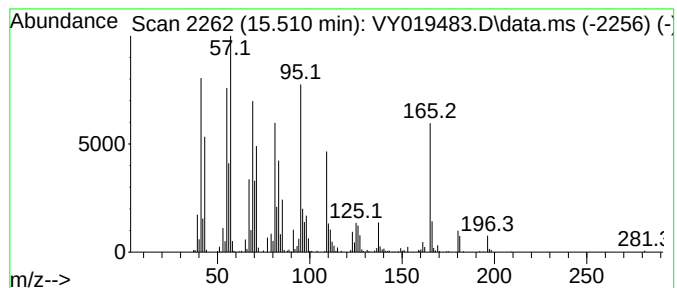
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown15.510 Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.510 | 22.04 ug/l | 577533 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Tetradecene, (E)-                 | 196 | C14H28  | 041446-68-8 | 25   |
| 2    |    |   | 7-Tetradecene, (Z)-                 | 196 | C14H28  | 041446-60-0 | 25   |
| 3    |    |   | Tridecane, 6-methyl-                | 198 | C14H30  | 013287-21-3 | 25   |
| 4    |    |   | Naphthalene, decahydro-2,6-dimet... | 166 | C12H22  | 001618-22-0 | 25   |
| 5    |    |   | 4-Tetradecene, (E)-                 | 196 | C14H28  | 041446-78-0 | 25   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
Data File : VY019483.D  
Acq On : 10 Sep 2024 13:27  
Operator : SY/MD  
Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

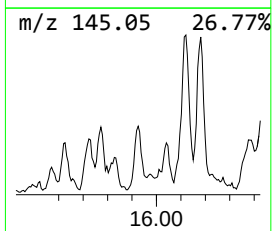
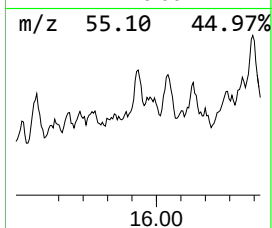
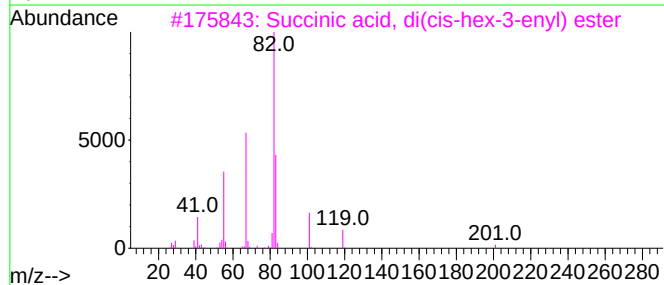
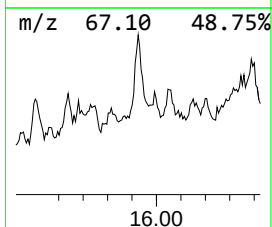
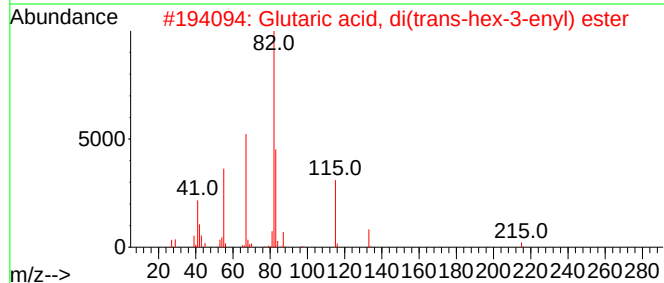
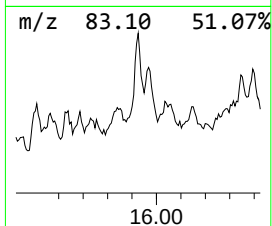
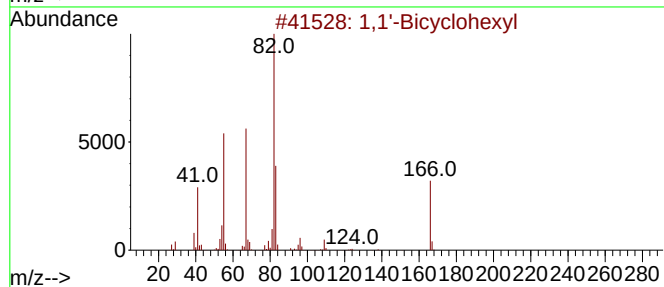
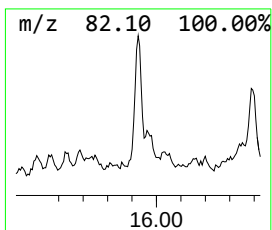
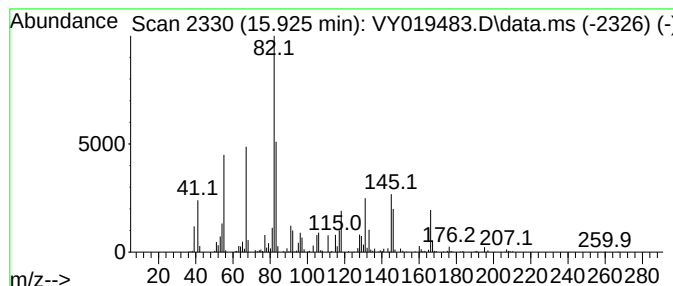
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 9 1,1'-Bicyclohexyl Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.925 | 10.42 ug/l | 273131 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1,1'-Bicyclohexyl                   | 166 | C12H22   | 000092-51-3  | 64   |
| 2    |    |   | Glutaric acid, di(trans-hex-3-en... | 296 | C17H28O4 | 1000359-93-8 | 47   |
| 3    |    |   | Succinic acid, di(cis-hex-3-enyl... | 282 | C16H26O4 | 1000353-42-2 | 43   |
| 4    |    |   | 4-Isopropyl-2,6,7-trioxa-1-phosp... | 176 | C7H13O3P | 051486-55-6  | 43   |
| 5    |    |   | Succinic acid, di(trans-hex-3-en... | 282 | C16H26O4 | 1000353-43-7 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
Data File : VY019483.D  
Acq On : 10 Sep 2024 13:27  
Operator : SY/MD  
Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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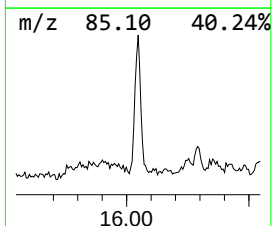
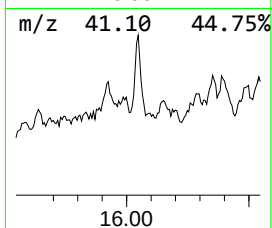
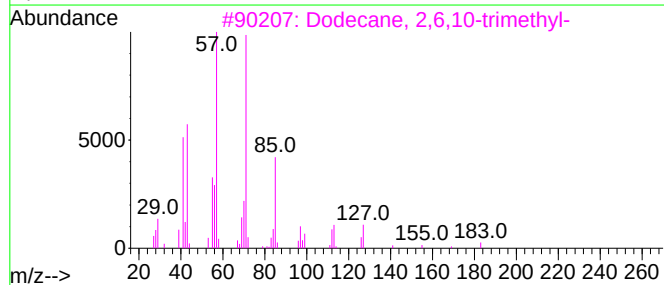
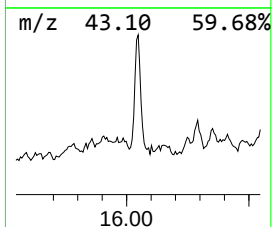
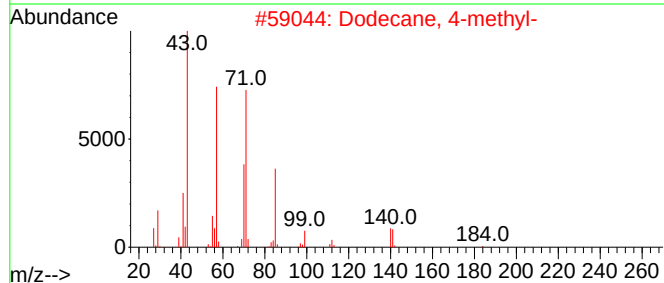
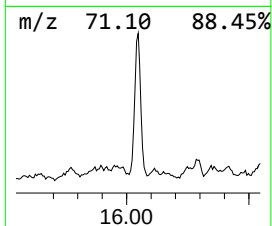
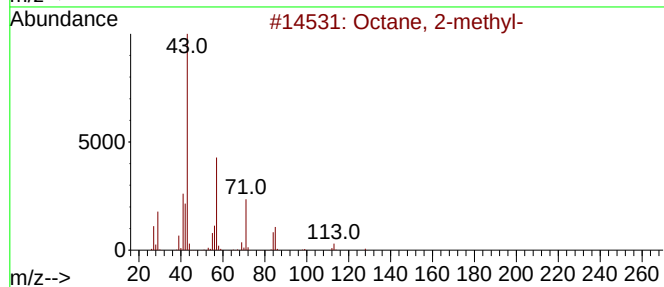
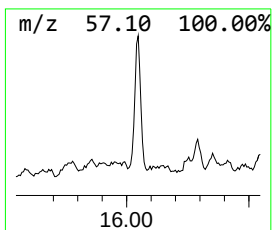
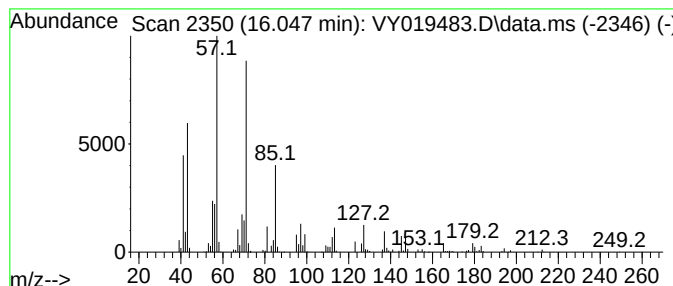
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Quant Title : SW846 8260

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

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Peak Number 10 Octane, 2-methyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 16.047 | 20.23 ug/l | 530136 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 2-methyl-           | 128 | C9H20   | 003221-61-2 | 74   |
| 2    |    |   | Dodecane, 4-methyl-         | 184 | C13H28  | 006117-97-1 | 70   |
| 3    |    |   | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 68   |
| 4    |    |   | Nonane, 3,7-dimethyl-       | 156 | C11H24  | 017302-32-8 | 64   |
| 5    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
Data File : VY019483.D  
Acq On : 10 Sep 2024 13:27  
Operator : SY/MD  
Sample : P3852-04  
Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ETGI356

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.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 |
| unknown14.602      | 14.602 | 8.7     | ug/l  | 227481   | 4                     | 13.346 | 1310420 | 50.0 |
| Bicyclo[2.2.1]h... | 14.651 | 10.5    | ug/l  | 275203   | 4                     | 13.346 | 1310420 | 50.0 |
| unknown14.852      | 14.852 | 5.7     | ug/l  | 149248   | 4                     | 13.346 | 1310420 | 50.0 |
| unknown14.956      | 14.956 | 5.1     | ug/l  | 133584   | 4                     | 13.346 | 1310420 | 50.0 |
| unknown15.401      | 15.041 | 11.2    | ug/l  | 293149   | 4                     | 13.346 | 1310420 | 50.0 |
| Tridecane, 7-me... | 15.126 | 11.2    | ug/l  | 293322   | 4                     | 13.346 | 1310420 | 50.0 |
| 2(1H)-Naphthale... | 15.346 | 16.1    | ug/l  | 422205   | 4                     | 13.346 | 1310420 | 50.0 |
| unknown15.510      | 15.510 | 22.0    | ug/l  | 577533   | 4                     | 13.346 | 1310420 | 50.0 |
| 1,1'-Bicyclohexyl  | 15.925 | 10.4    | ug/l  | 273131   | 4                     | 13.346 | 1310420 | 50.0 |
| Octane, 2-methyl-  | 16.047 | 20.2    | ug/l  | 530136   | 4                     | 13.346 | 1310420 | 50.0 |