

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041625\  
 Data File : VN086307.D  
 Acq On : 16 Apr 2025 19:16  
 Operator : JC\MD  
 Sample : Q1791-10 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 280722

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\_N\methods\82N041525W.M  
 Title : SW846 8260

Signal : TIC: VN086307.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         | 2.801       | 142           | 144         | 152          | rVB      | 7428           | 16063         | 1.28%           | 0.215%        |
| 2         | 3.271       | 222           | 224         | 235          | rVB3     | 6196           | 13656         | 1.09%           | 0.183%        |
| 3         | 5.577       | 606           | 616         | 623          | rBV2     | 5118           | 13499         | 1.08%           | 0.181%        |
| 4         | 8.165       | 1045          | 1056        | 1060         | rBV      | 125483         | 302234        | 24.18%          | 4.055%        |
| 5         | 8.218       | 1060          | 1065        | 1077         | rVB      | 265965         | 592810        | 47.42%          | 7.953%        |
| 6         | 8.577       | 1115          | 1126        | 1135         | rBV      | 167242         | 379362        | 30.35%          | 5.089%        |
| 7         | 9.100       | 1206          | 1215        | 1228         | rBV      | 422199         | 868237        | 69.45%          | 11.647%       |
| 8         | 10.565      | 1455          | 1464        | 1473         | rBV      | 665512         | 1250148       | 100.00%         | 16.771%       |
| 9         | 11.865      | 1676          | 1685        | 1697         | rBV      | 601212         | 1077592       | 86.20%          | 14.456%       |
| 10        | 12.765      | 1829          | 1838        | 1840         | rBV6     | 5767           | 14255         | 1.14%           | 0.191%        |
| 11        | 12.847      | 1842          | 1852        | 1860         | rVB      | 466188         | 841658        | 67.32%          | 11.291%       |
| 12        | 12.982      | 1870          | 1875        | 1880         | rBV      | 12161          | 24485         | 1.96%           | 0.328%        |
| 13        | 13.188      | 1903          | 1910        | 1916         | rBV4     | 11479          | 26576         | 2.13%           | 0.357%        |
| 14        | 13.423      | 1941          | 1950        | 1958         | rVB      | 61419          | 114310        | 9.14%           | 1.533%        |
| 15        | 13.529      | 1963          | 1968        | 1976         | rVB      | 26854          | 45032         | 3.60%           | 0.604%        |
| 16        | 13.641      | 1976          | 1987        | 1993         | rBV      | 97940          | 189879        | 15.19%          | 2.547%        |
| 17        | 13.788      | 2001          | 2012        | 2017         | rBV      | 596096         | 1048698       | 83.89%          | 14.068%       |
| 18        | 13.835      | 2017          | 2020        | 2030         | rVB      | 163011         | 301163        | 24.09%          | 4.040%        |
| 19        | 13.994      | 2040          | 2047        | 2055         | rBV2     | 66264          | 139887        | 11.19%          | 1.877%        |
| 20        | 14.071      | 2055          | 2060        | 2064         | rVB5     | 12753          | 21600         | 1.73%           | 0.290%        |
| 21        | 14.135      | 2067          | 2071        | 2073         | rBV3     | 13462          | 18846         | 1.51%           | 0.253%        |
| 22        | 14.306      | 2095          | 2100        | 2103         | rBV5     | 11175          | 24146         | 1.93%           | 0.324%        |
| 23        | 14.341      | 2103          | 2106        | 2116         | rVB3     | 21911          | 43284         | 3.46%           | 0.581%        |
| 24        | 14.735      | 2167          | 2173        | 2180         | rBV5     | 23979          | 59886         | 4.79%           | 0.803%        |
| 25        | 14.870      | 2192          | 2196        | 2200         | rBV5     | 7946           | 13759         | 1.10%           | 0.185%        |
| 26        | 15.829      | 2355          | 2359        | 2365         | rVB5     | 7702           | 13214         | 1.06%           | 0.177%        |

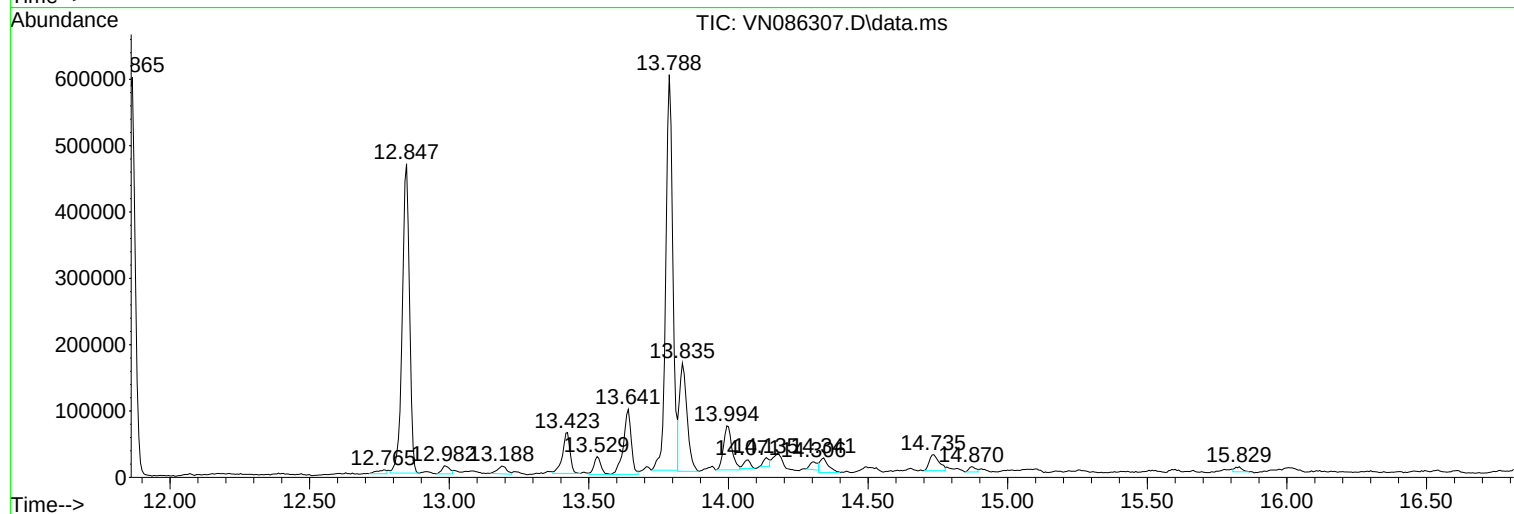
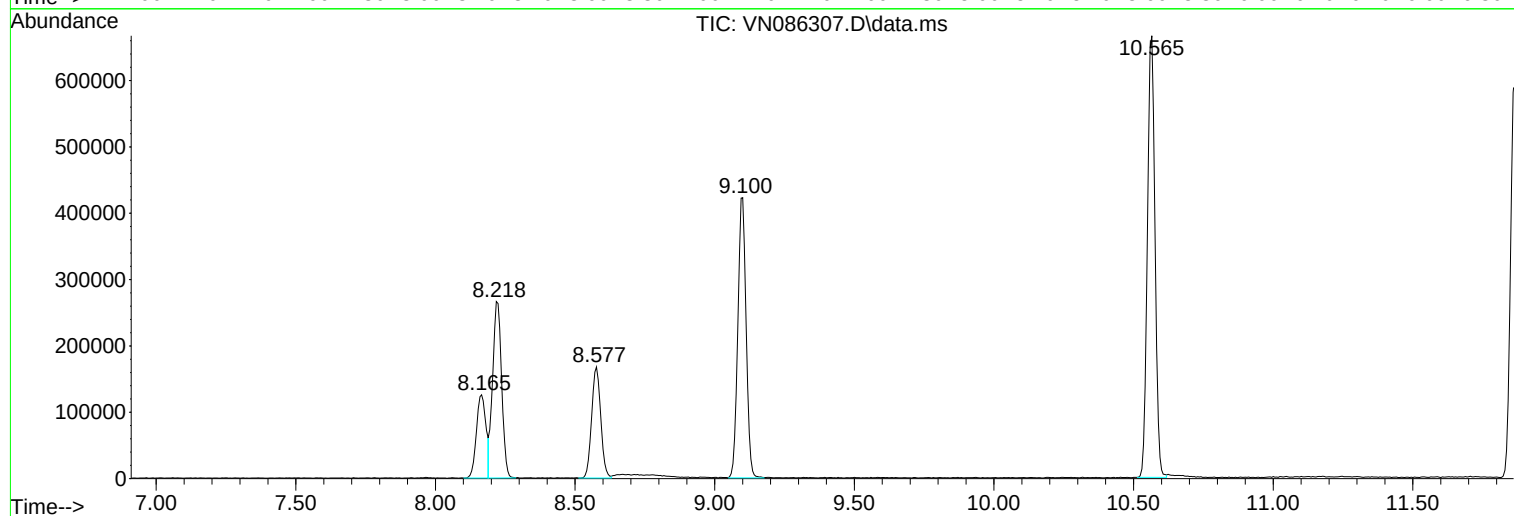
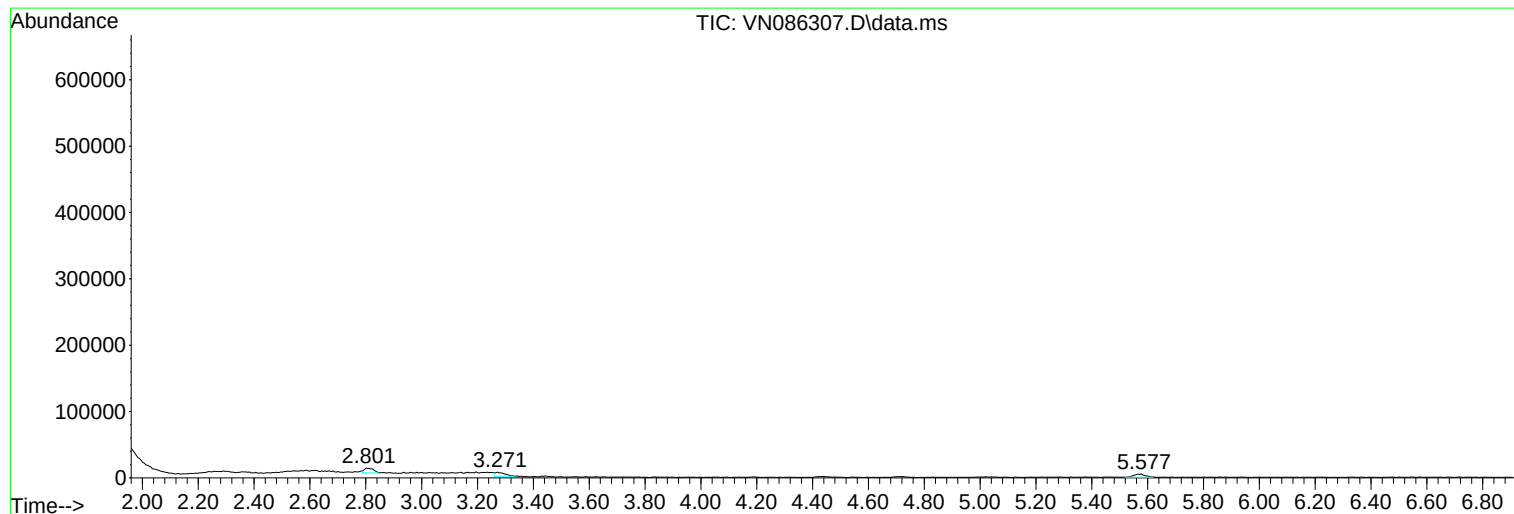
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ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
280722

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.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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ClientSampleId :  
280722

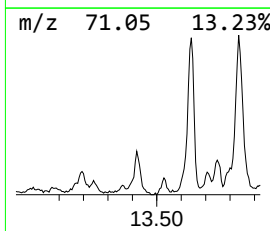
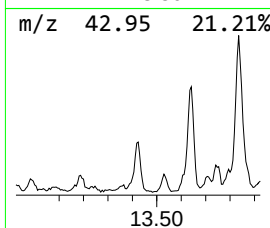
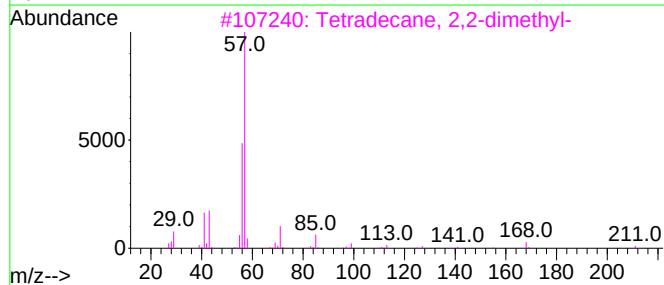
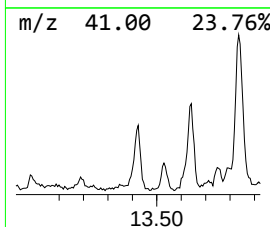
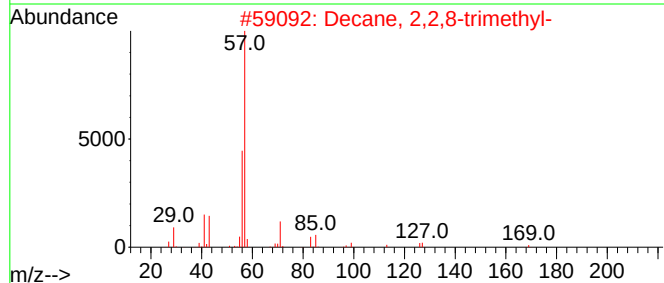
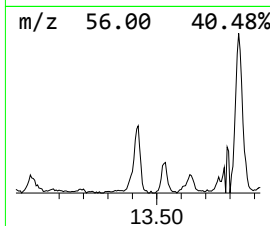
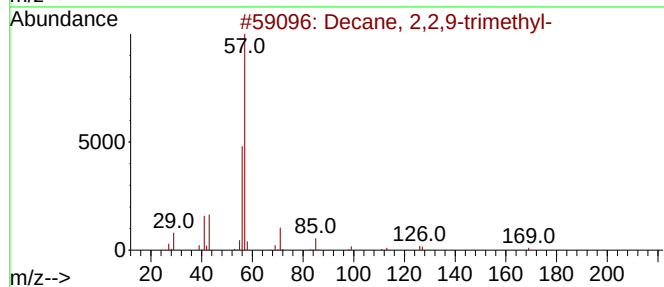
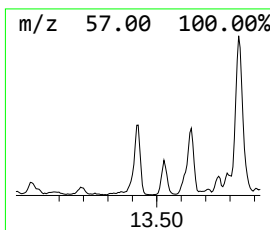
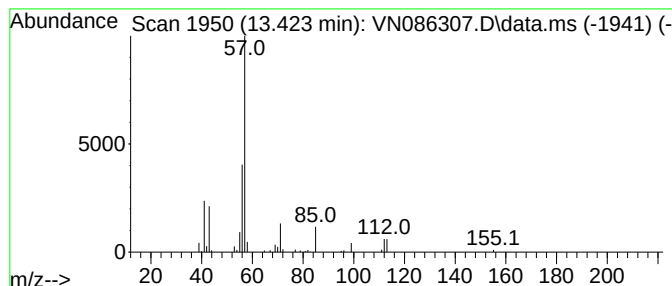
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Decane, 2,2,9-trimethyl- Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.424 | 5.45 ug/l | 114310 | 1,4-Dichlorobenzene-d4 | 13.788 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 2,2,9-trimethyl-         | 184 | C13H28  | 062238-00-0 | 72   |
| 2    |    |   | Decane, 2,2,8-trimethyl-         | 184 | C13H28  | 062238-01-1 | 72   |
| 3    |    |   | Tetradecane, 2,2-dimethyl-       | 226 | C16H34  | 059222-86-5 | 72   |
| 4    |    |   | Dodecane, 2,2,11,11-tetramethyl- | 226 | C16H34  | 127204-12-0 | 72   |
| 5    |    |   | Decane, 2,2,5-trimethyl-         | 184 | C13H28  | 062237-96-1 | 72   |



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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
280722

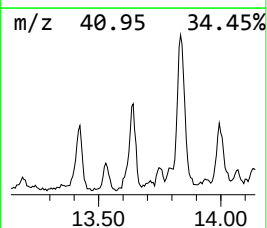
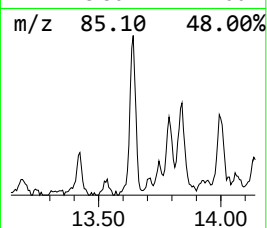
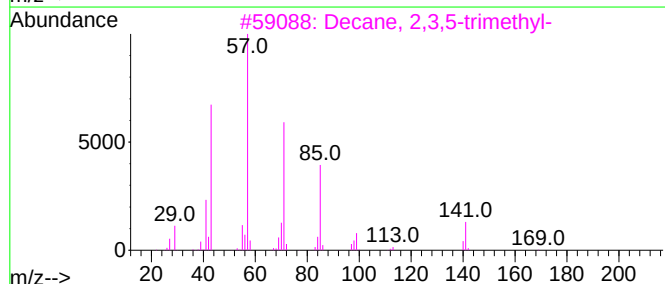
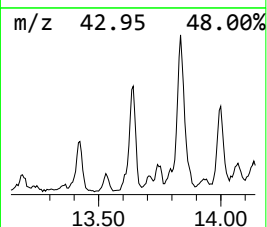
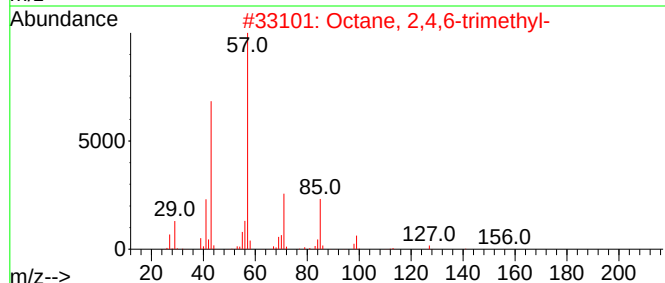
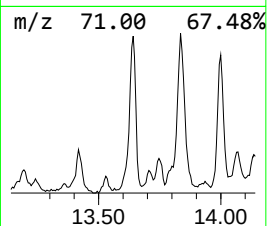
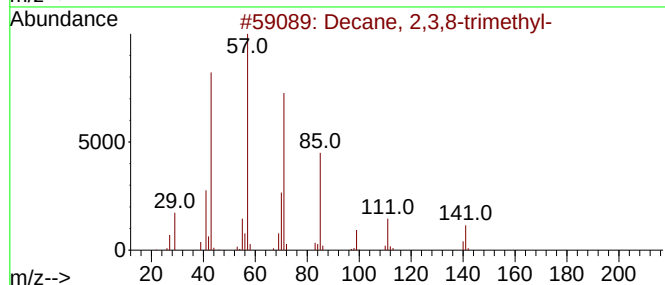
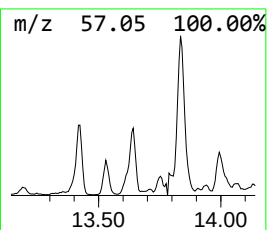
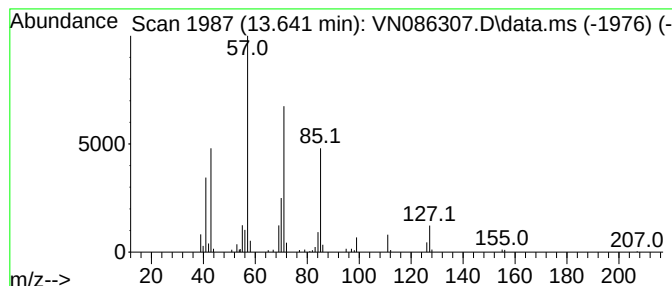
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Decane, 2,3,8-trimethyl- Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.641 | 9.05 ug/l | 189879 | 1,4-Dichlorobenzene-d4 | 13.788 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 2,3,8-trimethyl- | 184 | C13H28  | 062238-14-6 | 72   |
| 2    |    |   | Octane, 2,4,6-trimethyl- | 156 | C11H24  | 062016-37-9 | 64   |
| 3    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 64   |
| 4    |    |   | Decane, 3-methyl-        | 156 | C11H24  | 013151-34-3 | 64   |
| 5    |    |   | Hexacosane               | 366 | C26H54  | 000630-01-3 | 64   |



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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
280722

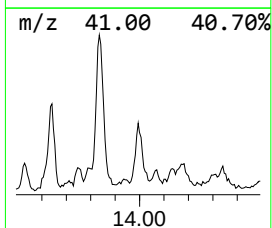
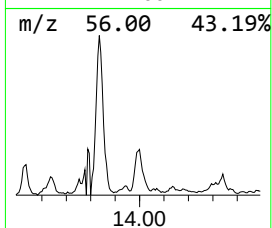
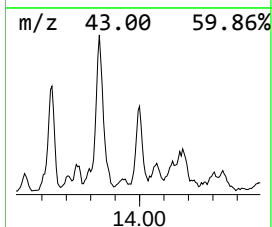
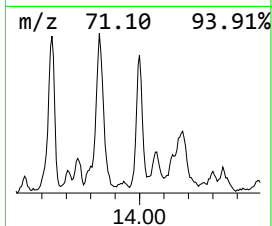
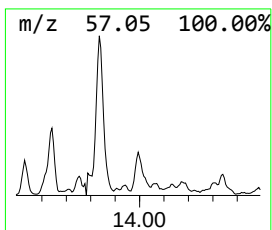
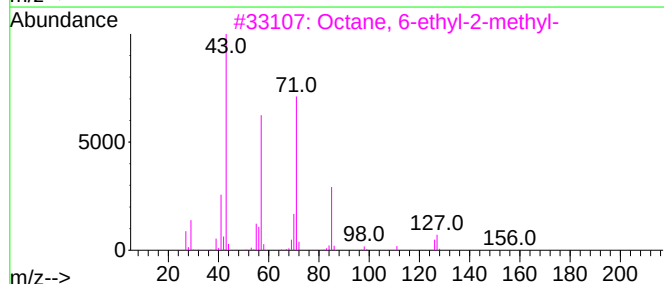
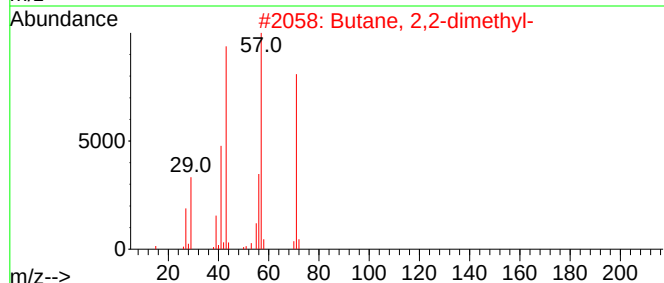
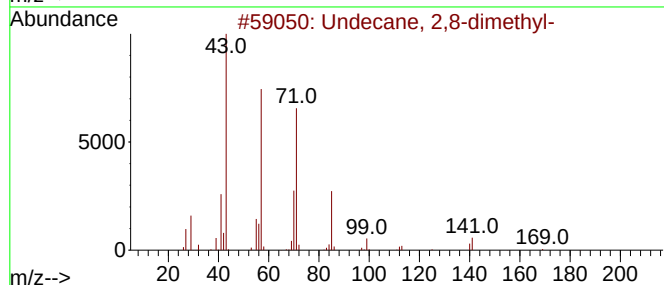
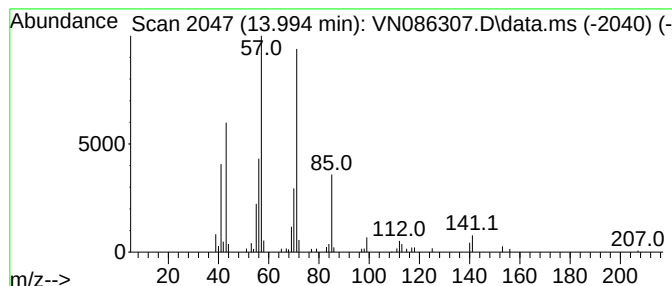
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
Quant Title : SW846 8260

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

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Peak Number 3 Undecane, 2,8-dimethyl- Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.994 | 6.67 ug/l | 139887 | 1,4-Dichlorobenzene-d4 | 13.788 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 2,8-dimethyl-   | 184 | C13H28  | 017301-25-6 | 64   |
| 2    |    |   | Butane, 2,2-dimethyl-     | 86  | C6H14   | 000075-83-2 | 53   |
| 3    |    |   | Octane, 6-ethyl-2-methyl- | 156 | C11H24  | 062016-19-7 | 53   |
| 4    |    |   | Heptane, 3,3,5-trimethyl- | 142 | C10H22  | 007154-80-5 | 50   |
| 5    |    |   | Undecane, 4-methyl-       | 170 | C12H26  | 002980-69-0 | 50   |



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ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Decane, 2,2,9-t... | 13.424 | 5.5     | ug/l  | 114310   | 4                     | 13.788 | 1048700 | 50.0 |
| Decane, 2,3,8-t... | 13.641 | 9.1     | ug/l  | 189879   | 4                     | 13.788 | 1048700 | 50.0 |
| Undecane, 2,8-d... | 13.994 | 6.7     | ug/l  | 139887   | 4                     | 13.788 | 1048700 | 50.0 |