

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011019\  
 Data File : VW008187.D  
 Acq On : 11 Jan 2019 10:00  
 Operator : SY/AP  
 Sample : K1102-06  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CPSB-13(15-20)

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M

Title : SW846 8260

Signal : TIC

| 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         | 4.129       | 354           | 365         | 379          | rVB      | 32541          | 94546         | 17.81%          | 3.013%        |
| 2         | 4.897       | 484           | 491         | 492          | rBV5     | 4727           | 7252          | 1.37%           | 0.231%        |
| 3         | 5.775       | 632           | 635         | 646          | rVB9     | 2422           | 6775          | 1.28%           | 0.216%        |
| 4         | 7.171       | 850           | 864         | 878          | rBV2     | 17041          | 63679         | 12.00%          | 2.029%        |
| 5         | 7.884       | 972           | 981         | 986          | rBV2     | 70468          | 177172        | 33.38%          | 5.646%        |
| 6         | 7.945       | 986           | 991         | 1003         | rVB      | 128280         | 283202        | 53.36%          | 9.024%        |
| 7         | 8.305       | 1034          | 1050        | 1061         | rBV      | 72774          | 170434        | 32.11%          | 5.431%        |
| 8         | 8.842       | 1129          | 1138        | 1145         | rBV      | 192724         | 377920        | 71.20%          | 12.042%       |
| 9         | 9.890       | 1305          | 1310        | 1317         | rBV      | 3243           | 9137          | 1.72%           | 0.291%        |
| 10        | 10.323      | 1374          | 1381        | 1390         | rBV      | 303433         | 530768        | 100.00%         | 16.913%       |
| 11        | 10.707      | 1440          | 1444        | 1452         | rVB3     | 7722           | 15463         | 2.91%           | 0.493%        |
| 12        | 11.439      | 1561          | 1564        | 1568         | rVB3     | 9065           | 13282         | 2.50%           | 0.423%        |
| 13        | 11.634      | 1590          | 1596        | 1603         | rBV      | 247958         | 414557        | 78.11%          | 13.210%       |
| 14        | 12.621      | 1752          | 1758        | 1764         | rBV      | 190721         | 319233        | 60.15%          | 10.172%       |
| 15        | 13.079      | 1831          | 1833        | 1834         | rBV2     | 8614           | 6787          | 1.28%           | 0.216%        |
| 16        | 13.560      | 1907          | 1912        | 1918         | rBV      | 200229         | 325021        | 61.24%          | 10.357%       |
| 17        | 13.877      | 1962          | 1964        | 1969         | rVB6     | 12449          | 19194         | 3.62%           | 0.612%        |
| 18        | 14.389      | 2044          | 2048        | 2052         | rBV6     | 19209          | 33174         | 6.25%           | 1.057%        |
| 19        | 14.981      | 2140          | 2145        | 2158         | rVB2     | 44167          | 154811        | 29.17%          | 4.933%        |
| 20        | 15.334      | 2199          | 2203        | 2210         | rVB3     | 30012          | 49928         | 9.41%           | 1.591%        |
| 21        | 15.590      | 2239          | 2245        | 2251         | rBV3     | 7913           | 17783         | 3.35%           | 0.567%        |
| 22        | 16.298      | 2357          | 2361        | 2369         | rVB3     | 24651          | 48160         | 9.07%           | 1.535%        |

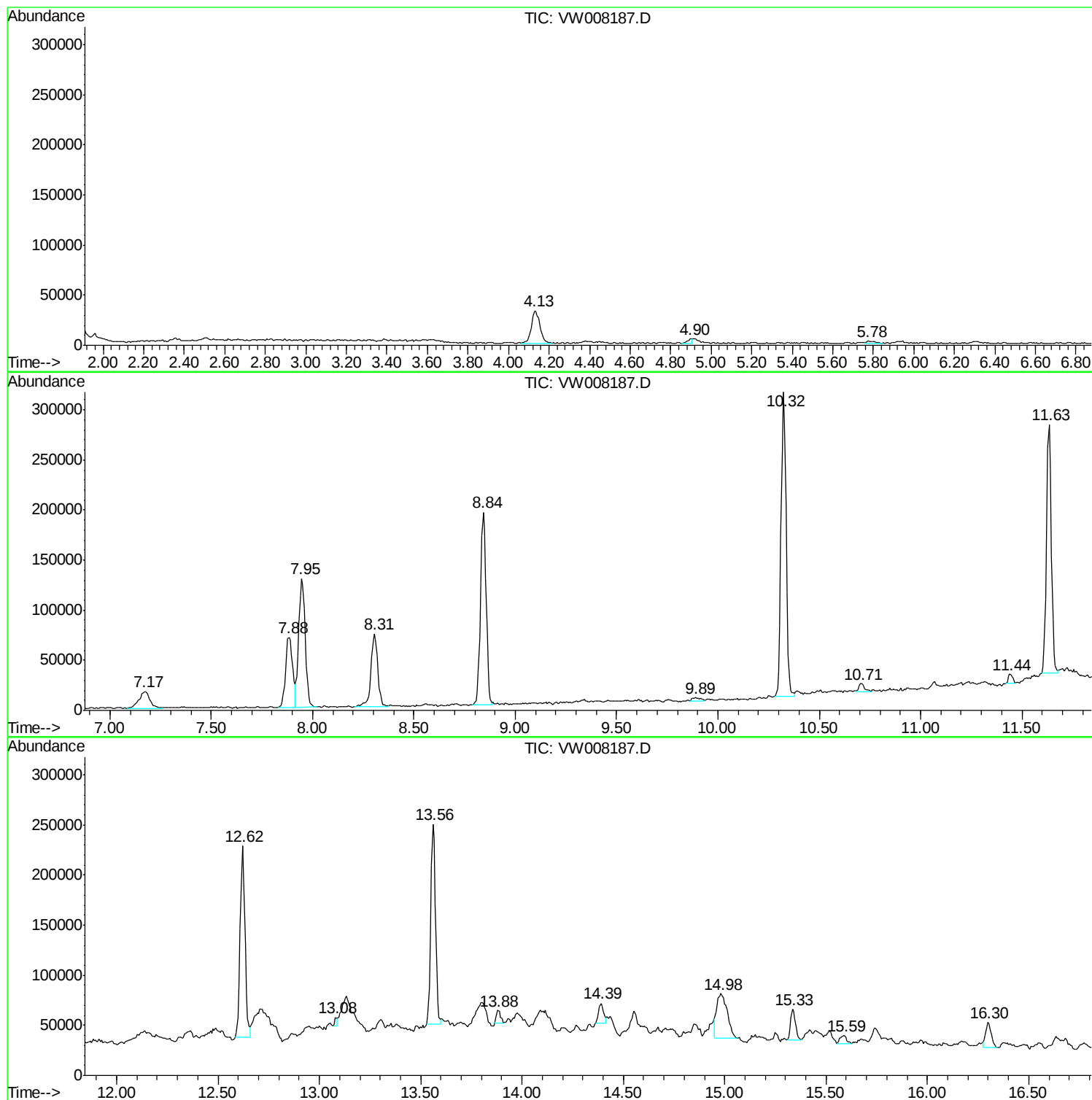
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ALS Vial : 51 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
CPSB-13(15-20)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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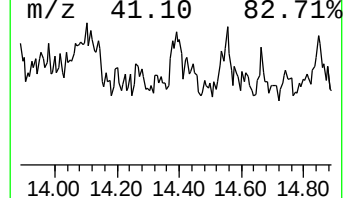
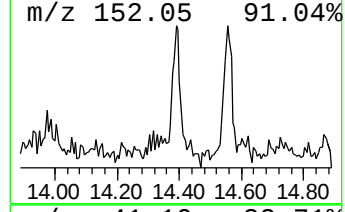
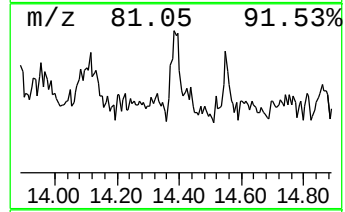
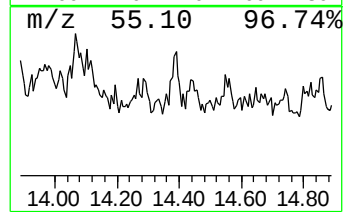
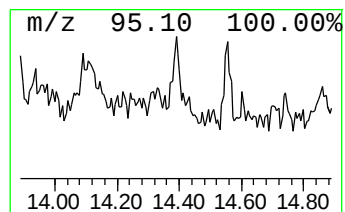
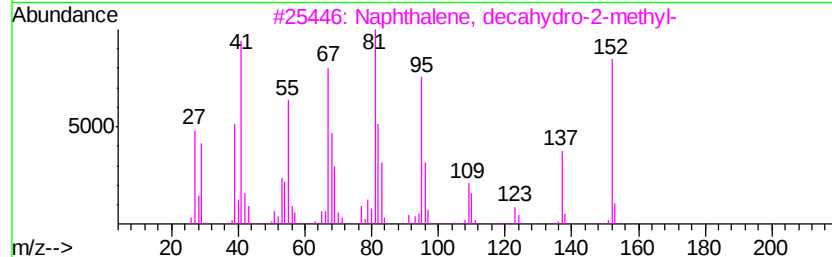
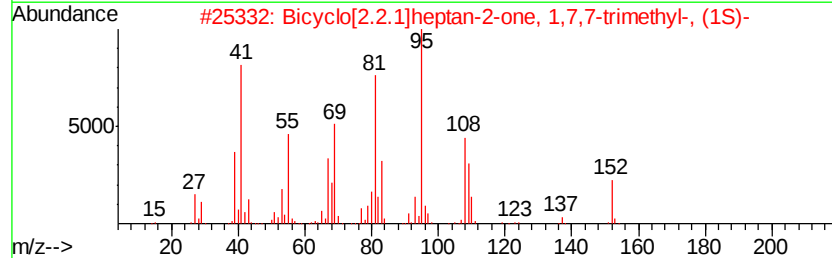
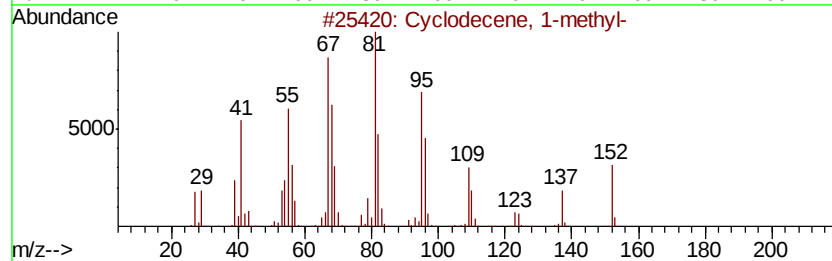
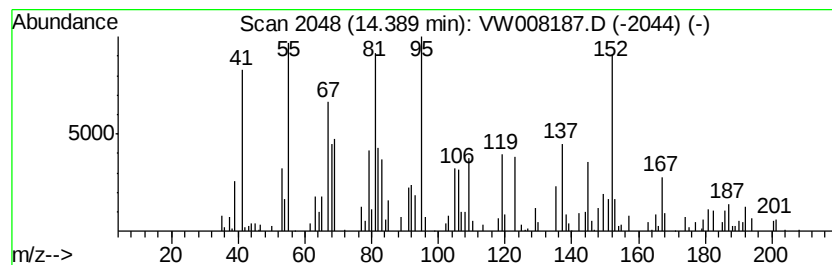
Instrument :  
MSVOA\_W  
ClientSampleId :  
CPSB-13(15-20)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Cyclodecene, 1-methyl- Concentration Rank 4

| R.T.    | EstConc   | Area                                | Relative to ISTD       | R.T.           |
|---------|-----------|-------------------------------------|------------------------|----------------|
| 14.39   | 5.10 ug/l | 33174                               | 1,4-Dichlorobenzene-d4 | 13.56          |
| Hit# of | 5         | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |           | Cyclodecene, 1-methyl-              | 152 C11H20             | 066633-38-3 62 |
| 2       |           | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 C10H16O            | 000464-48-2 55 |
| 3       |           | Naphthalene, decahydro-2-methyl-    | 152 C11H20             | 002958-76-1 52 |
| 4       |           | Camphor                             | 152 C10H16O            | 000076-22-2 46 |
| 5       |           | 1,3,3-Trimethylcyclohex-1-ene-4-... | 152 C10H16O            | 127128-60-3 45 |



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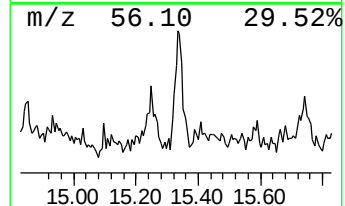
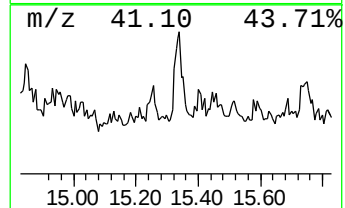
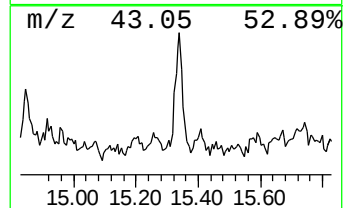
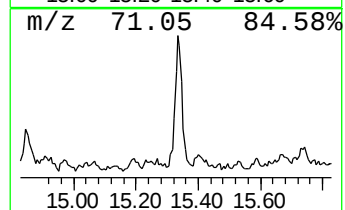
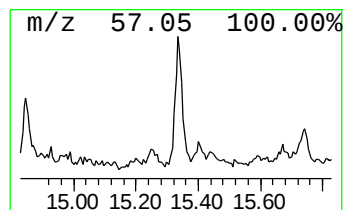
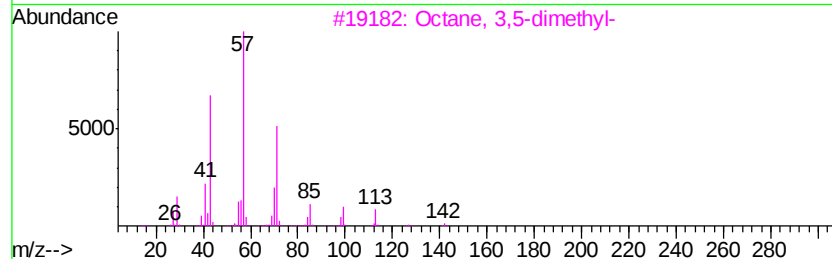
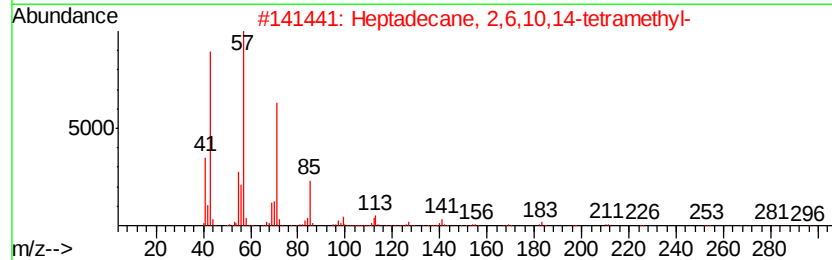
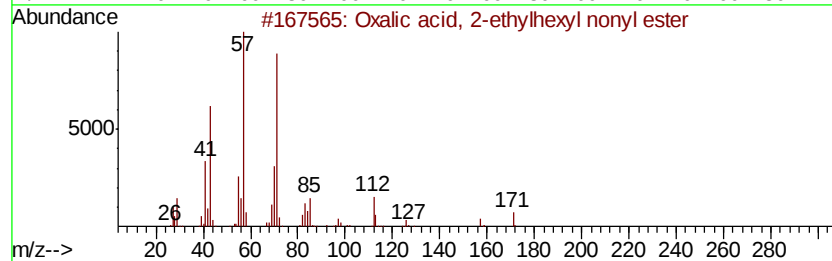
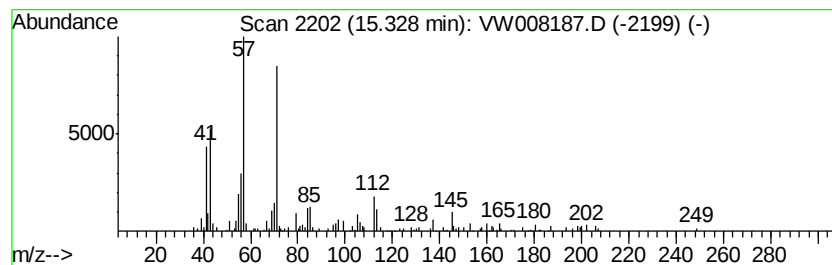
Instrument :  
MSVOA\_W  
ClientSampleId :  
CPSB-13(15-20)

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Peak Number 3 Oxalic acid, 2-ethylhexyl n... Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------------|--------------|------------------------|-----------|
| 15.33   | 7.68 ug/l                           | 49928        | 1,4-Dichlorobenzene-d4 | 13.56     |
| Hit# of | 5                                   | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Oxalic acid, 2-ethylhexyl nonyl ... | 328 C19H36O4 | 1000309-39-2           | 80        |
| 2       | Heptadecane, 2,6,10,14-tetramethyl- | 296 C21H44   | 018344-37-1            | 72        |
| 3       | Octane, 3,5-dimethyl-               | 142 C10H22   | 015869-93-9            | 72        |
| 4       | Tridecane, 7-methyl-                | 198 C14H30   | 026730-14-3            | 64        |
| 5       | Oxalic acid, 2-ethylhexyl octyl ... | 314 C18H34O4 | 1000309-39-1           | 64        |



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ALS Vial : 51 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
CPSB-13(15-20)

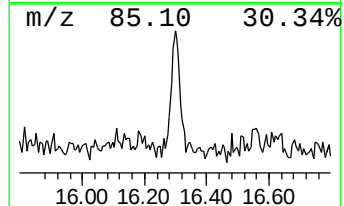
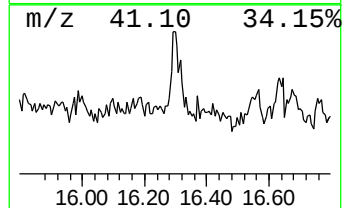
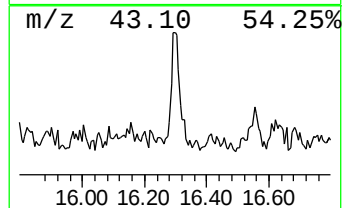
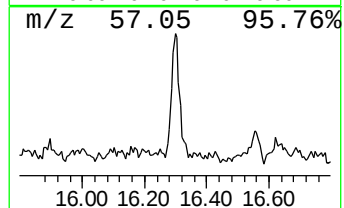
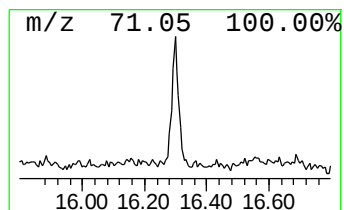
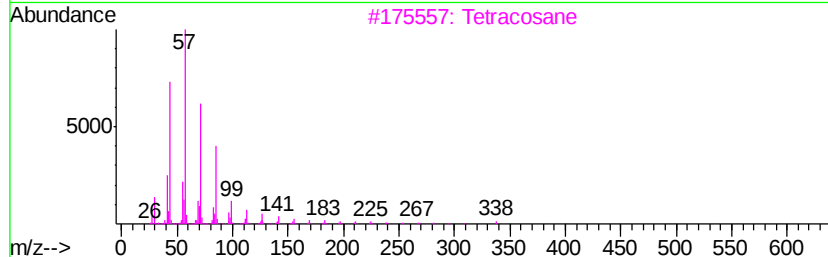
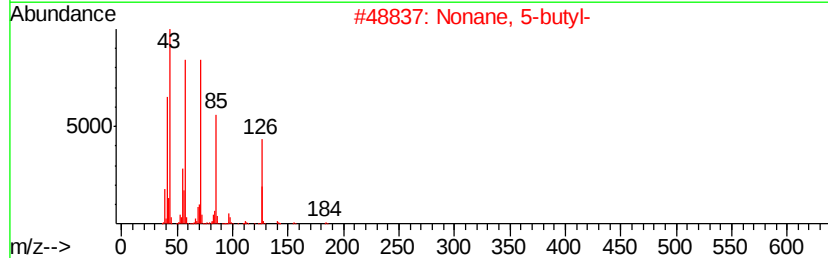
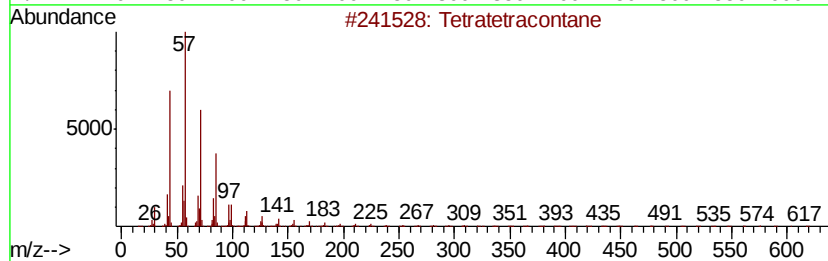
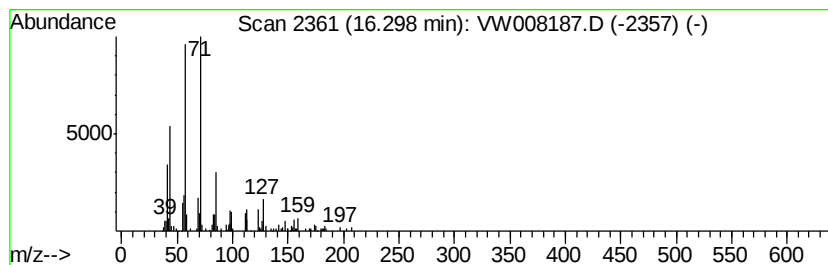
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tetratetracontane Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 16.30 | 7.41 ug/l | 48160 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Tetratetracontane   | 619 | C44H90  | 007098-22-8 | 52   |
| 2    |    | Nonane, 5-butyl-    | 184 | C13H28  | 017312-63-9 | 49   |
| 3    |    | Tetracosane         | 338 | C24H50  | 000646-31-1 | 49   |
| 4    |    | Heptacosane         | 380 | C27H56  | 000593-49-7 | 47   |
| 5    |    | Undecane, 2-methyl- | 170 | C12H26  | 007045-71-8 | 46   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | ---Internal Standard--- |       |        |      |
|----------------------|-------|---------|-------|----------|-------------------------|-------|--------|------|
|                      |       |         |       |          | #                       | RT    | Resp   | Conc |
| Cyclodecene, 1-me... | 14.39 | 5.1     | ug/l  | 33174    | 4                       | 13.56 | 325021 | 50.0 |
| Oxalic acid, 2-et... | 15.33 | 7.7     | ug/l  | 49928    | 4                       | 13.56 | 325021 | 50.0 |
| Tetratetracontane    | 16.30 | 7.4     | ug/l  | 48160    | 4                       | 13.56 | 325021 | 50.0 |