

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\  
 Data File : VW012503.D  
 Acq On : 02 Sep 2019 17:02  
 Operator : SY/VA  
 Sample : K4529-01  
 Misc : 4.79G/5ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 T9-12-13-T2-(0)

## 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\_W\METHOD\82W082319S.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         | 1.953       | 5             | 8           | 20           | rVB3     | 9375           | 17838         | 1.58%           | 0.260%        |
| 2         | 2.148       | 35            | 40          | 47           | rBV      | 10856          | 22035         | 1.96%           | 0.321%        |
| 3         | 3.672       | 284           | 290         | 302          | rBV4     | 5409           | 15508         | 1.38%           | 0.226%        |
| 4         | 4.910       | 481           | 493         | 509          | rBV2     | 41507          | 142904        | 12.69%          | 2.080%        |
| 5         | 5.934       | 648           | 661         | 670          | rBV2     | 18090          | 57061         | 5.07%           | 0.831%        |
| 6         | 7.543       | 914           | 925         | 932          | rBV4     | 6012           | 17539         | 1.56%           | 0.255%        |
| 7         | 7.885       | 966           | 981         | 985          | rBV      | 147209         | 343684        | 30.52%          | 5.003%        |
| 8         | 7.946       | 985           | 991         | 1002         | rVB      | 293226         | 643101        | 57.10%          | 9.362%        |
| 9         | 8.305       | 1041          | 1050        | 1059         | rBV      | 164044         | 369021        | 32.77%          | 5.372%        |
| 10        | 8.842       | 1129          | 1138        | 1148         | rBV      | 436699         | 868093        | 77.08%          | 12.638%       |
| 11        | 10.323      | 1374          | 1381        | 1388         | rBV      | 633484         | 1126212       | 100.00%         | 16.395%       |
| 12        | 10.701      | 1440          | 1443        | 1449         | rVB      | 13226          | 22937         | 2.04%           | 0.334%        |
| 13        | 11.628      | 1589          | 1595        | 1603         | rBV      | 500536         | 837026        | 74.32%          | 12.185%       |
| 14        | 12.615      | 1751          | 1757        | 1778         | rVB      | 400614         | 882354        | 78.35%          | 12.845%       |
| 15        | 13.554      | 1905          | 1911        | 1929         | rVB      | 360644         | 833141        | 73.98%          | 12.129%       |
| 16        | 13.914      | 1966          | 1970        | 1973         | rBV5     | 53326          | 106279        | 9.44%           | 1.547%        |
| 17        | 14.719      | 2100          | 2102        | 2109         | rVB2     | 59199          | 100073        | 8.89%           | 1.457%        |
| 18        | 15.621      | 2246          | 2250        | 2255         | rBV      | 146106         | 249088        | 22.12%          | 3.626%        |
| 19        | 15.688      | 2258          | 2261        | 2266         | rBV4     | 104903         | 215178        | 19.11%          | 3.133%        |

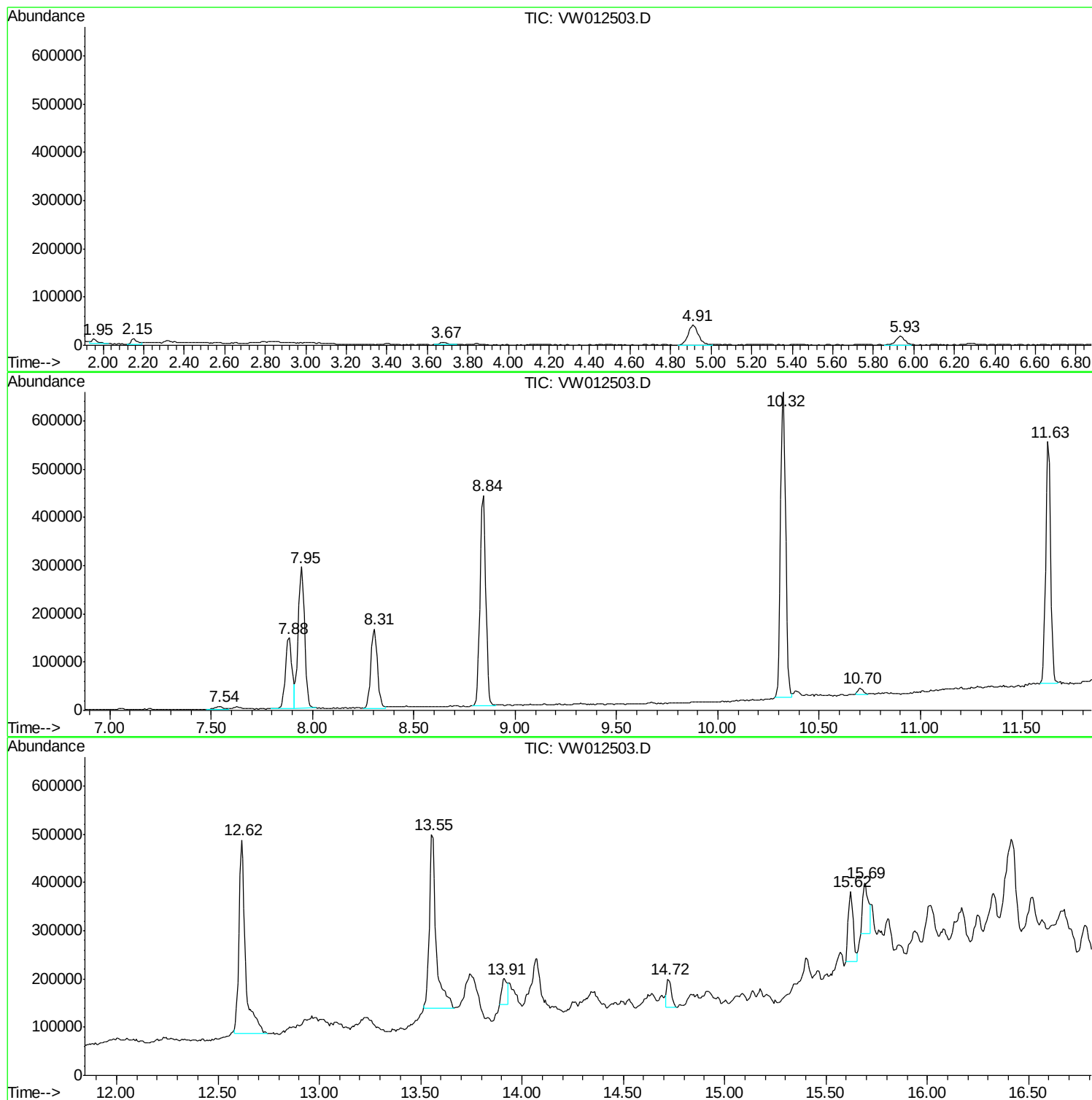
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Quant Title : SW846 8260

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



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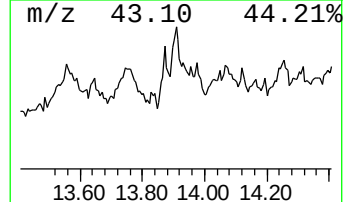
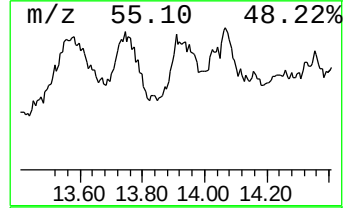
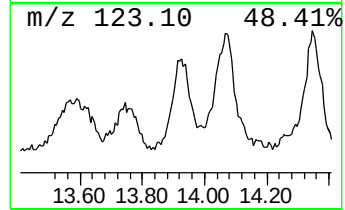
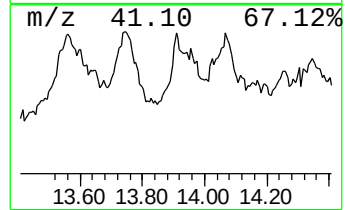
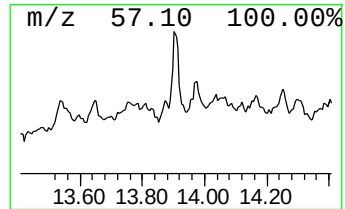
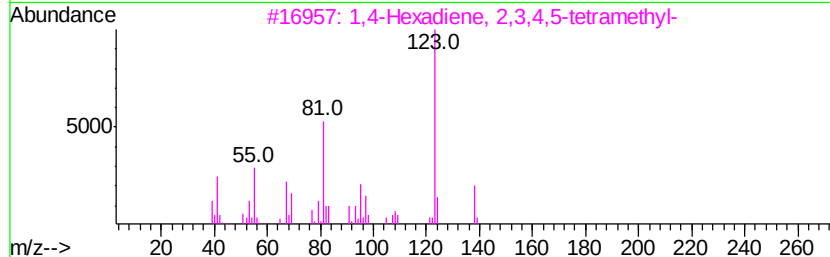
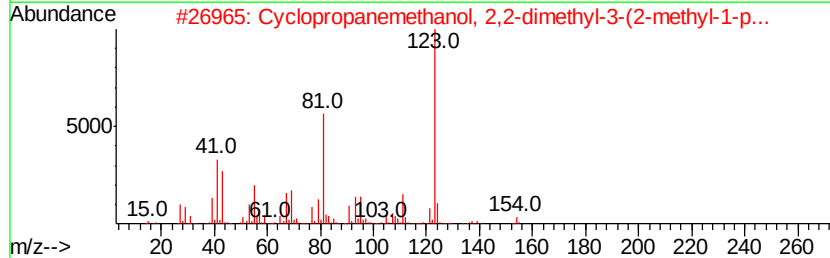
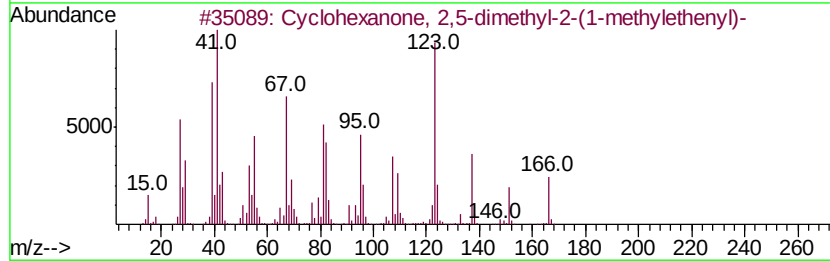
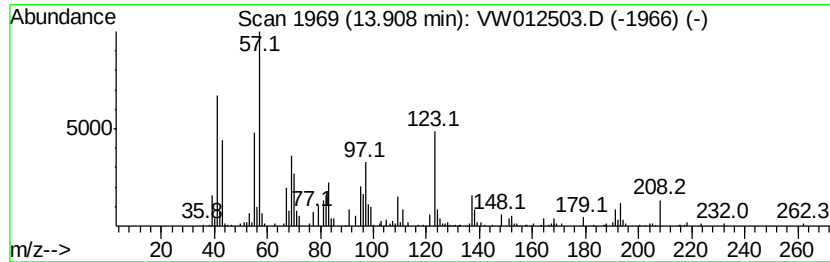
Instrument :  
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ClientSampleId :  
T9-12-13-T2-(0)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
Quant Title : SW846 8260

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

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Peak Number 1 unknown13.91 Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 13.91     | 6.38 ug/l                           | 106279 | 1,4-Dichlorobenzene-d4 | 13.56       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | Cyclohexanone, 2,5-dimethyl-2-(1... | 166    | C11H18O                | 006711-26-8 | 47   |
| 2         | Cyclopropanemethanol, 2,2-dimeth... | 154    | C10H18O                | 005617-92-5 | 38   |
| 3         | 1,4-Hexadiene, 2,3,4,5-tetramethyl- | 138    | C10H18                 | 051504-54-2 | 38   |
| 4         | Cyclohexene, 1,5,5-trimethyl-6-a... | 180    | C12H20O                | 211563-96-1 | 38   |
| 5         | Benzeneacetic acid, .alpha.,4-di... | 168    | C8H8O4                 | 001198-84-1 | 35   |



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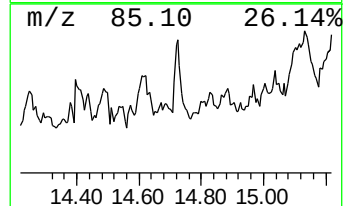
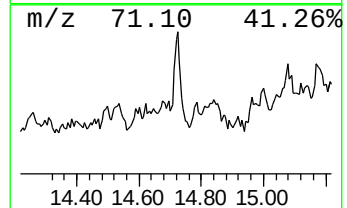
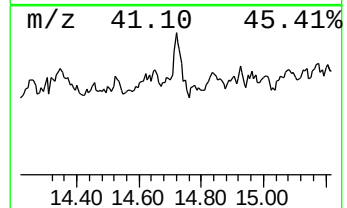
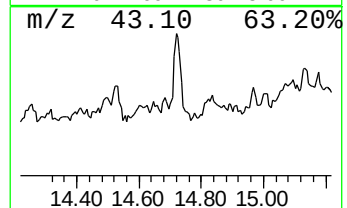
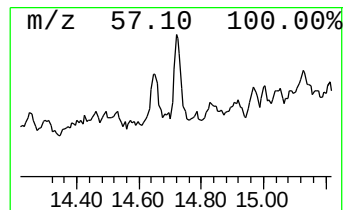
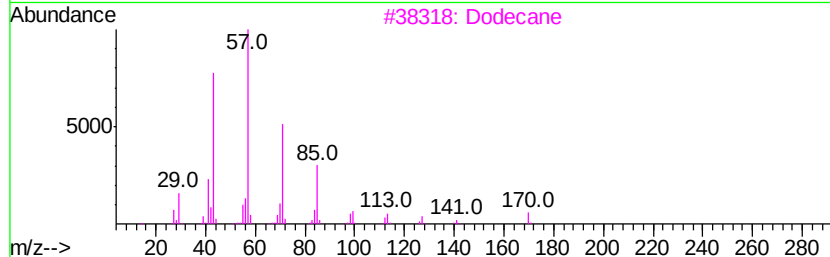
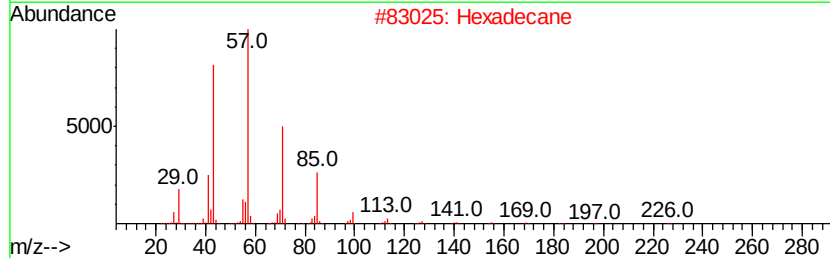
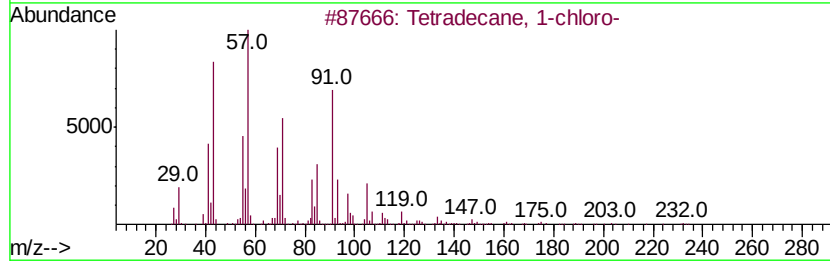
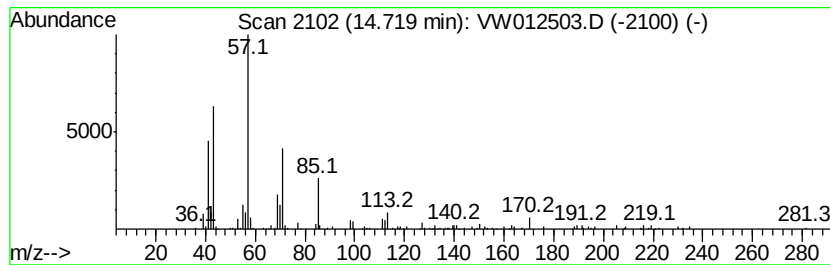
Instrument :  
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ClientSampleId :  
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Tetradecane, 1-chloro- Concentration Rank 4

| R.T.    | EstConc   | Area                                | Relative to ISTD       | R.T.            |
|---------|-----------|-------------------------------------|------------------------|-----------------|
| 14.72   | 6.01 ug/l | 100073                              | 1,4-Dichlorobenzene-d4 | 13.56           |
| Hit# of | 5         | Tentative ID                        | MW MolForm             | CAS# Qual       |
| 1       |           | Tetradecane, 1-chloro-              | 232 C14H29Cl           | 002425-54-9 74  |
| 2       |           | Hexadecane                          | 226 C16H34             | 000544-76-3 72  |
| 3       |           | Dodecane                            | 170 C12H26             | 000112-40-3 68  |
| 4       |           | Heptadecane, 9-octyl-               | 352 C25H52             | 007225-64-1 53  |
| 5       |           | Sulfurous acid, dodecyl 2-propyl... | 292 C15H32O3S          | 1000309-12-3 53 |



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ALS Vial : 1 Sample Multiplier: 1

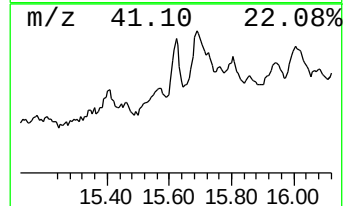
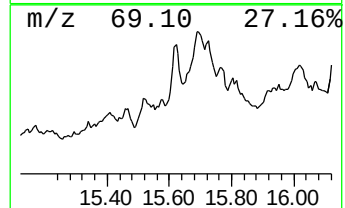
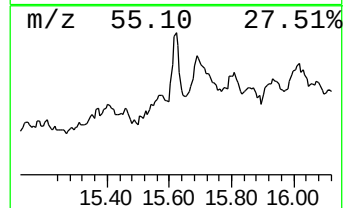
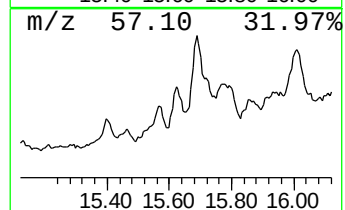
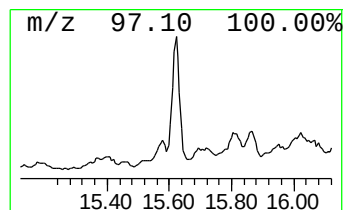
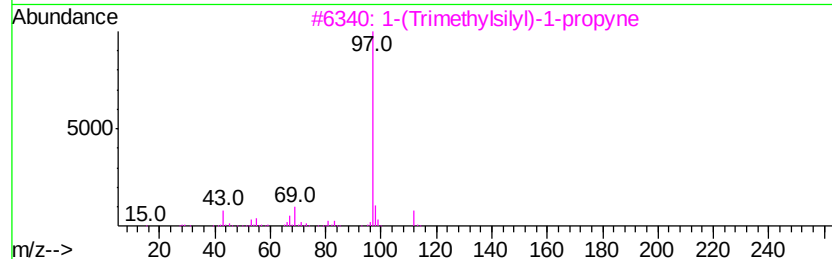
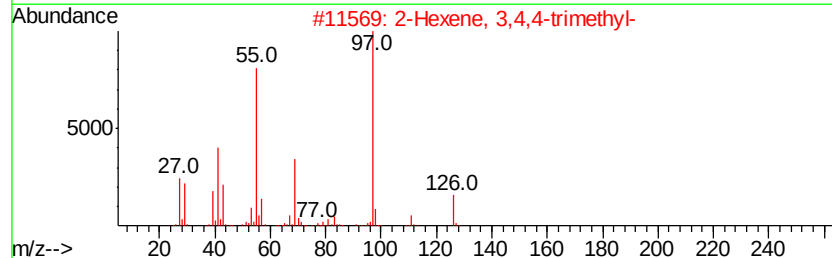
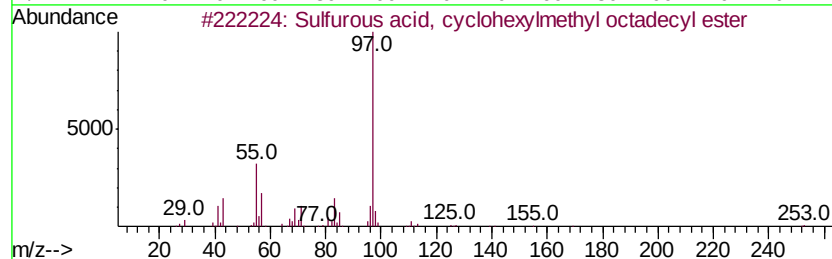
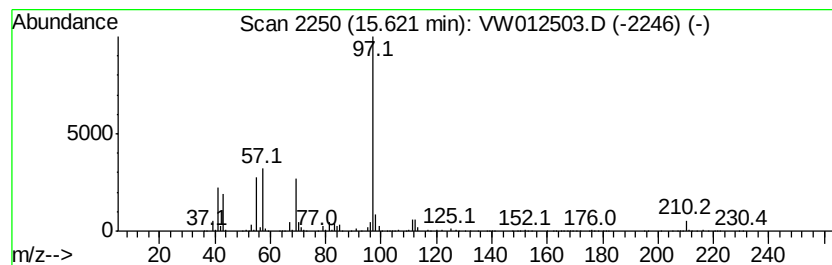
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Sulfurous acid, cyclohexylm... Concentration Rank 1

| R.T.    | EstConc    | Area                              | Relative to ISTD       | R.T.      |              |      |
|---------|------------|-----------------------------------|------------------------|-----------|--------------|------|
| 15.62   | 14.95 ug/l | 249088                            | 1,4-Dichlorobenzene-d4 | 13.56     |              |      |
| Hit# of | 5          | Tentative ID                      | MW                     | MolForm   | CAS#         | Qual |
| 1       |            | Sulfurous acid, cyclohexylmethyl- | 430                    | C25H50O3S | 1000309-22-6 | 64   |
| 2       |            | 2-Hexene, 3,4,4-trimethyl-        | 126                    | C9H18     | 053941-19-8  | 64   |
| 3       |            | 1-(Trimethylsilyl)-1-propyne      | 112                    | C6H12Si   | 006224-91-5  | 64   |
| 4       |            | 3,5-Dimethyl-3-heptene            | 126                    | C9H18     | 059643-68-4  | 59   |
| 5       |            | Cyclohexane, 1-bromo-4-methyl-    | 176                    | C7H13Br   | 006294-40-2  | 59   |



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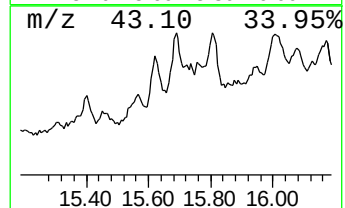
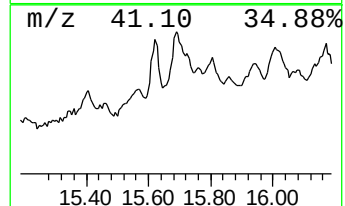
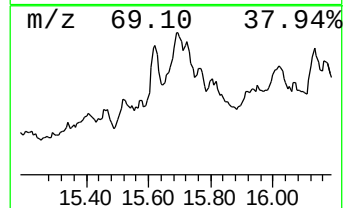
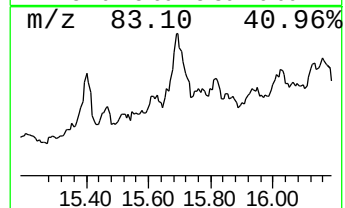
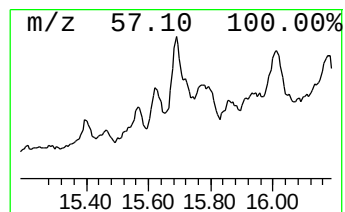
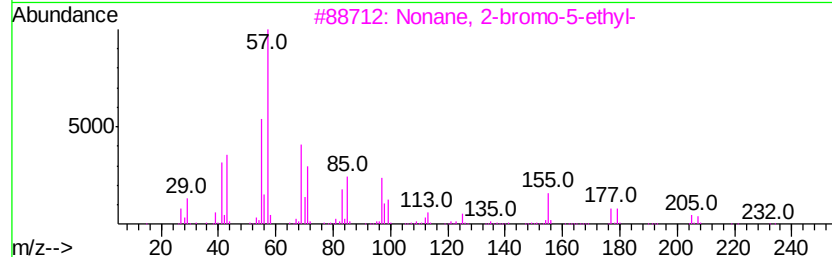
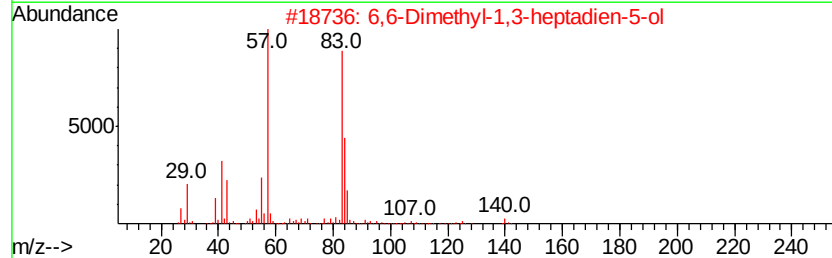
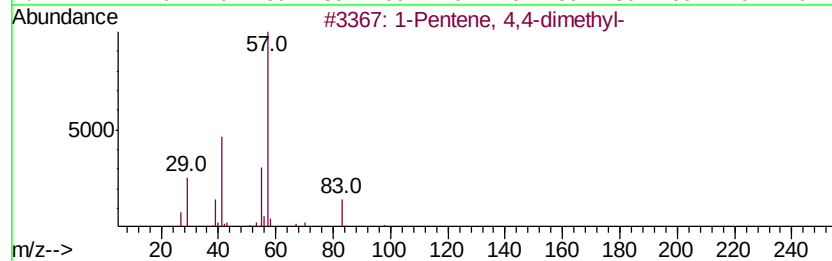
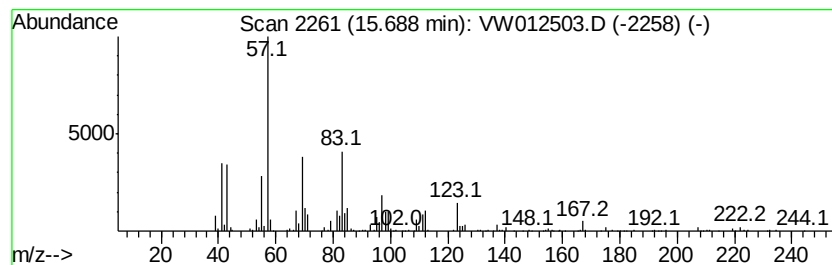
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Peak Number 4 unknown15.69 Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|--------------|------|
| 15.69     | 12.91 ug/l                          | 215178 | 1,4-Dichlorobenzene-d4 | 13.56        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#         | Qual |
| 1         | 1-Pentene, 4,4-dimethyl-            | 98     | C7H14                  | 000762-62-9  | 43   |
| 2         | 6,6-Dimethyl-1,3-heptadien-5-ol     | 140    | C9H16O                 | 081912-03-0  | 37   |
| 3         | Nonane, 2-bromo-5-ethyl-            | 234    | C11H23Br               | 055162-38-4  | 35   |
| 4         | 4-Propionyloxypentadecane           | 284    | C18H36O2               | 1000245-63-2 | 32   |
| 5         | Oxalic acid, isobutyl tetradecyl... | 342    | C20H38O4               | 1000309-37-9 | 32   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | ---Internal Standard--- |       |        |      |
|----------------------|-------|---------|-------|----------|-------------------------|-------|--------|------|
|                      |       |         |       |          | #                       | RT    | Resp   | Conc |
| unknown13.91         | 13.91 | 6.4     | ug/l  | 106279   | 4                       | 13.56 | 833141 | 50.0 |
| Tetradecane, 1-ch... | 14.72 | 6.0     | ug/l  | 100073   | 4                       | 13.56 | 833141 | 50.0 |
| Sulfurous acid, c... | 15.62 | 14.9    | ug/l  | 249088   | 4                       | 13.56 | 833141 | 50.0 |
| unknown15.69         | 15.69 | 12.9    | ug/l  | 215178   | 4                       | 13.56 | 833141 | 50.0 |