

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN120718\  
 Data File : VN052736.D  
 Acq On : 7 Dec 2018 19:24  
 Operator : MD\SY  
 Sample : J6019-01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-1

## 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\82N112718W.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         | 7.590       | 1790          | 1809        | 1820         | rBV2     | 607578         | 1499167       | 18.32%          | 3.698%        |
| 2         | 7.667       | 1821          | 1833        | 1856         | rVB      | 1278542        | 3045815       | 37.23%          | 7.513%        |
| 3         | 8.027       | 1926          | 1945        | 1974         | rBV      | 711260         | 1671916       | 20.44%          | 4.124%        |
| 4         | 8.587       | 2102          | 2119        | 2141         | rBV      | 1876356        | 3890355       | 47.55%          | 9.597%        |
| 5         | 10.091      | 2571          | 2587        | 2619         | rBV      | 3001878        | 5434351       | 66.42%          | 13.405%       |
| 6         | 11.406      | 2977          | 2996        | 3017         | rBV      | 2571762        | 4454125       | 54.44%          | 10.987%       |
| 7         | 12.403      | 3291          | 3306        | 3325         | rBV      | 2081386        | 3464925       | 42.35%          | 8.547%        |
| 8         | 13.075      | 3480          | 3515        | 3563         | rBV3     | 1383750        | 8181361       | 100.00%         | 20.181%       |
| 9         | 13.345      | 3587          | 3599        | 3613         | rVB      | 2520095        | 4096703       | 50.07%          | 10.106%       |
| 10        | 14.374      | 3903          | 3919        | 3937         | rBV      | 29247          | 121228        | 1.48%           | 0.299%        |
| 11        | 14.991      | 4095          | 4111        | 4134         | rBV3     | 121631         | 380646        | 4.65%           | 0.939%        |
| 12        | 16.403      | 4523          | 4550        | 4596         | rBV2     | 781759         | 3471271       | 42.43%          | 8.563%        |
| 13        | 16.728      | 4630          | 4651        | 4653         | rBV6     | 322672         | 827242        | 10.11%          | 2.041%        |

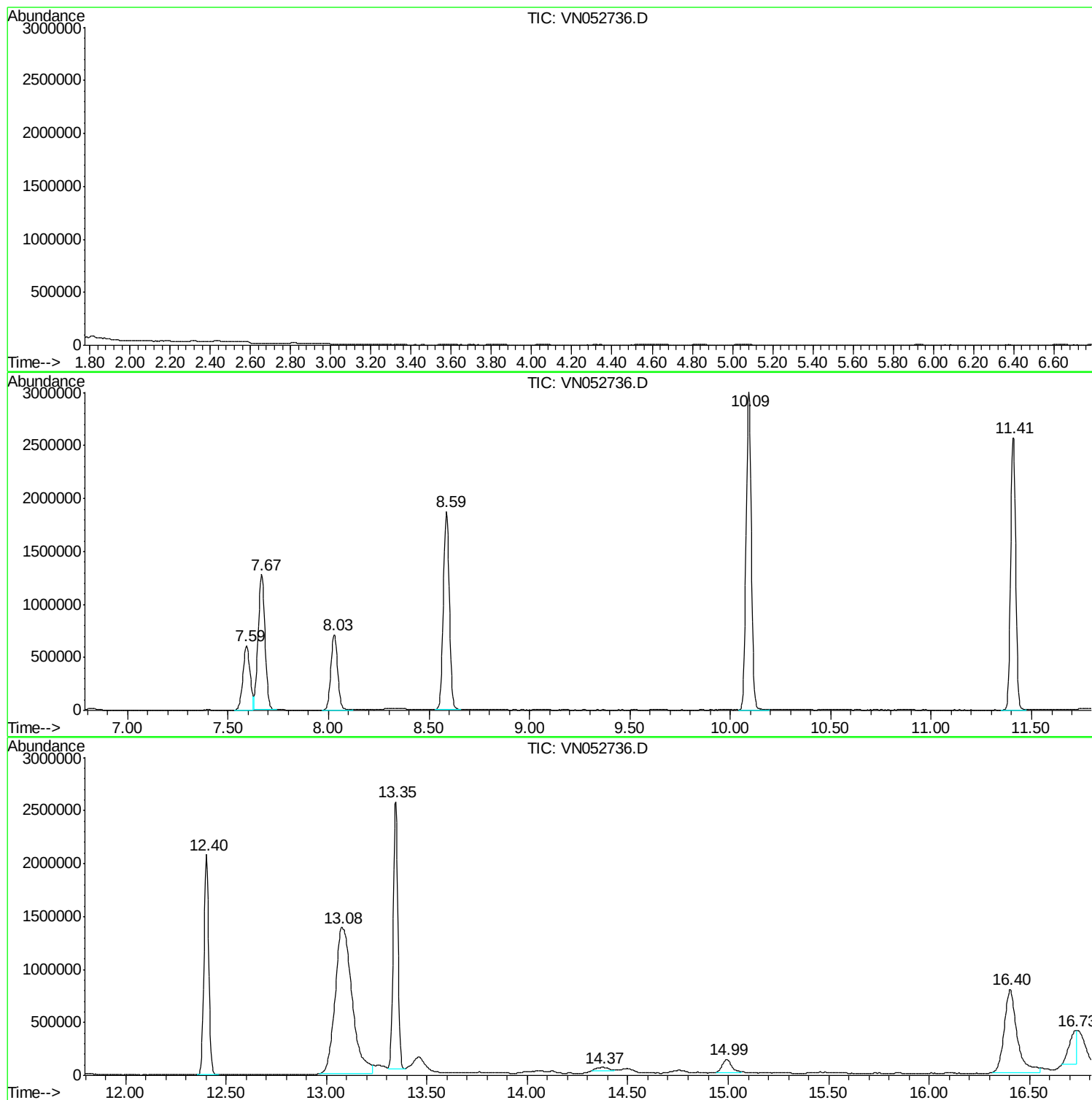
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N112718W.M  
Quant Title : SW846 8260

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



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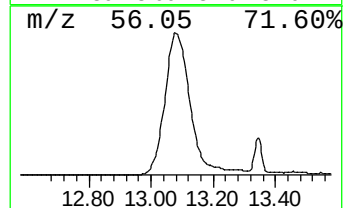
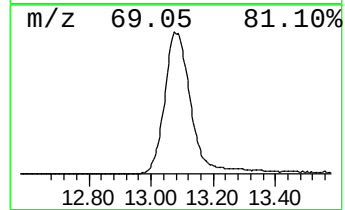
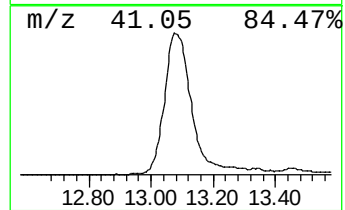
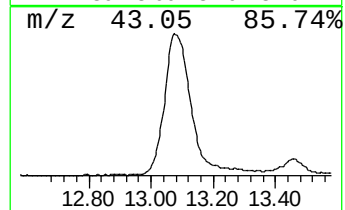
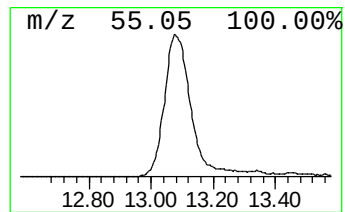
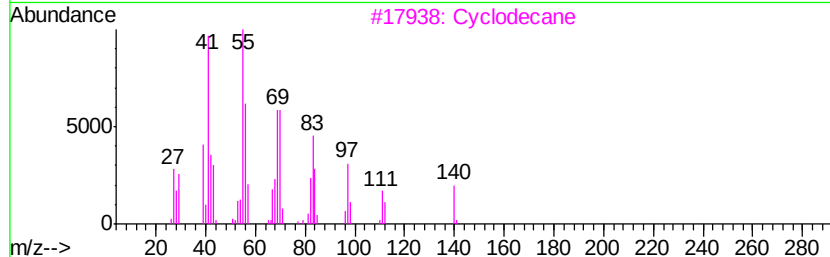
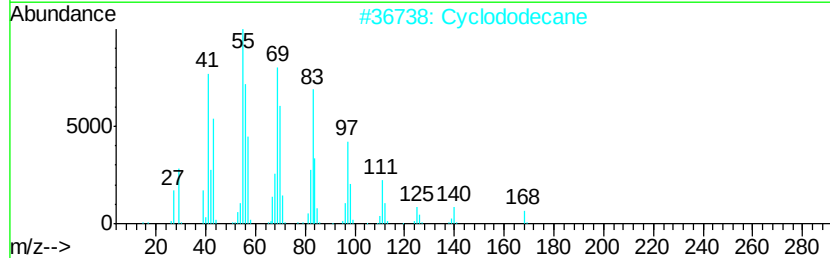
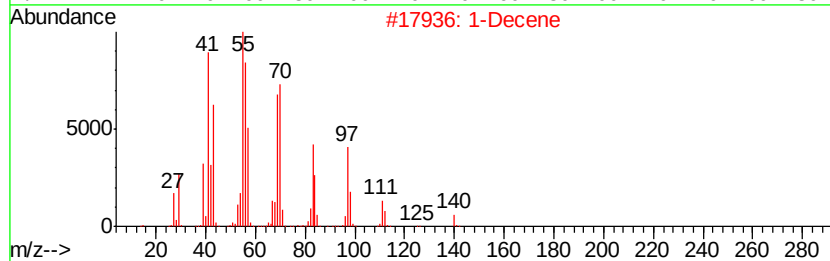
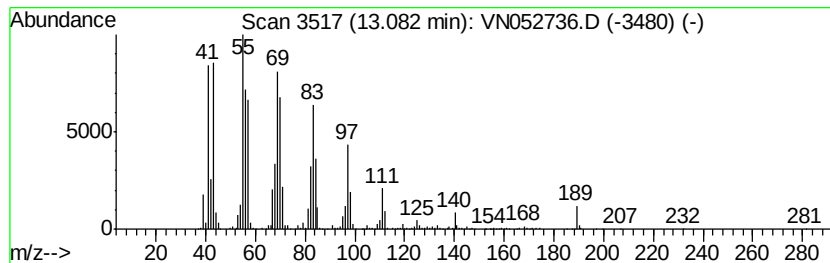
Instrument :  
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ClientSampleId :  
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Quant Title : SW846 8260

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

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Peak Number 1 1-Decene Concentration Rank 1

| R.T.    | EstConc                    | Area         | Relative to ISTD       | R.T.      |
|---------|----------------------------|--------------|------------------------|-----------|
| 13.08   | 99.85 ug/l                 | 8181360      | 1,4-Dichlorobenzene-d4 | 13.35     |
| Hit# of | 5                          | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | 1-Decene                   | 140 C10H20   | 000872-05-9            | 97        |
| 2       | Cyclododecane              | 168 C12H24   | 000294-62-2            | 96        |
| 3       | Cyclodecane                | 140 C10H20   | 000293-96-9            | 93        |
| 4       | Cyclooctane, 1,2-dimethyl- | 140 C10H20   | 013151-94-5            | 93        |
| 5       | n-Tridecan-1-ol            | 200 C13H28O  | 000112-70-9            | 91        |



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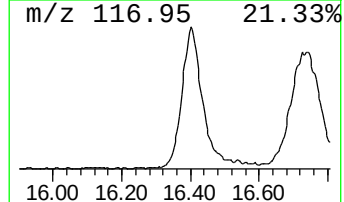
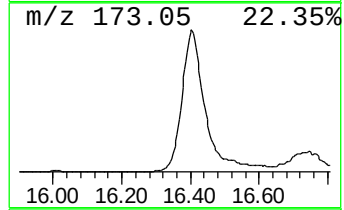
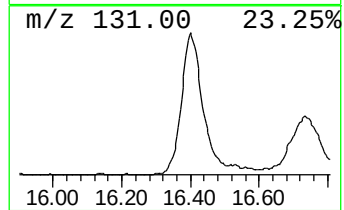
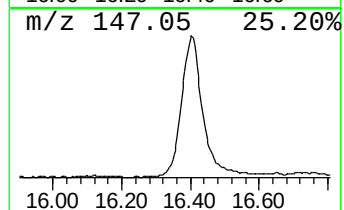
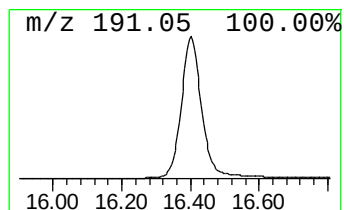
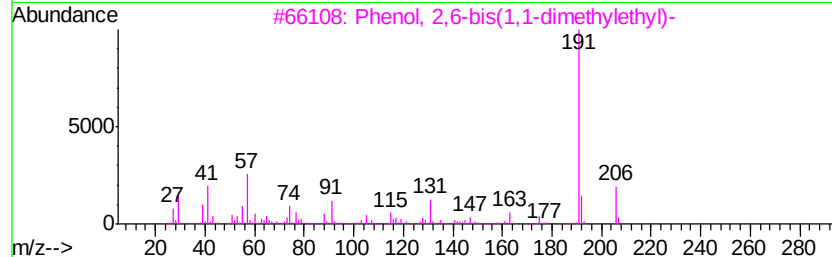
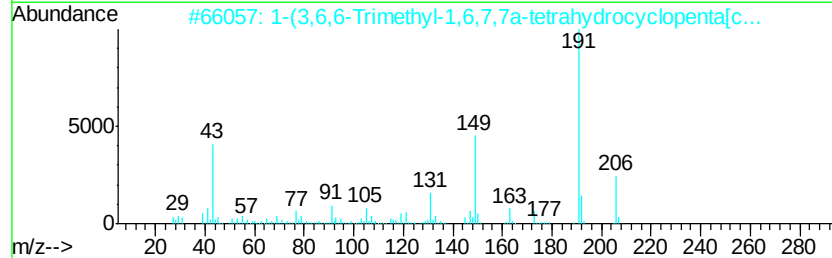
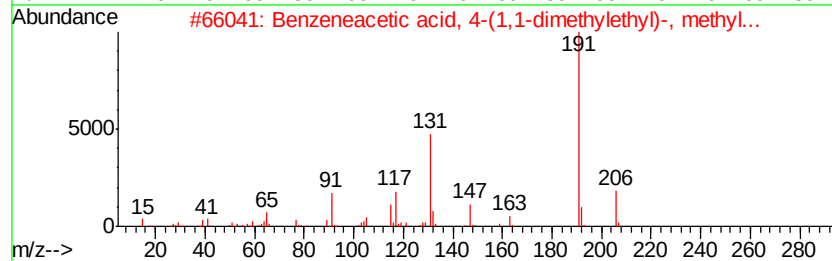
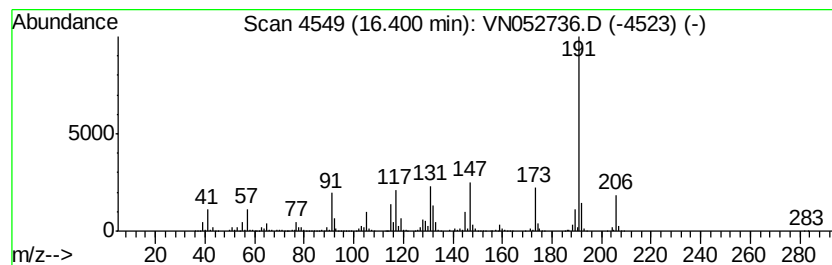
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Peak Number 2 Benzeneacetic acid, 4-(1,1-... Concentration Rank 2

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.            |
|---------|------------|-------------------------------------|------------------------|-----------------|
| 16.40   | 42.37 ug/l | 3471270                             | 1,4-Dichlorobenzene-d4 | 13.35           |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual       |
| 1       |            | Benzeneacetic acid, 4-(1,1-dimet... | 206 C13H18O2           | 003549-23-3 53  |
| 2       |            | 1-(3,6,6-Trimethyl-1,6,7,7a-tetr... | 206 C13H18O2           | 1000194-97-2 49 |
| 3       |            | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 C14H22O            | 000128-39-2 46  |
| 4       |            | Ethyl 4-t-butylbenzoate             | 206 C13H18O2           | 005406-57-5 43  |
| 5       |            | Phenol, 3,5-bis(1,1-dimethylethyl)- | 206 C14H22O            | 001138-52-9 43  |



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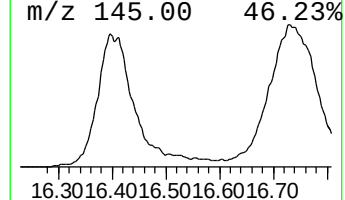
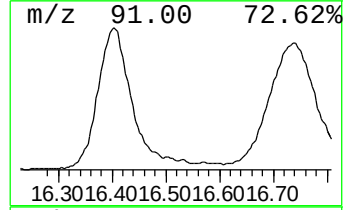
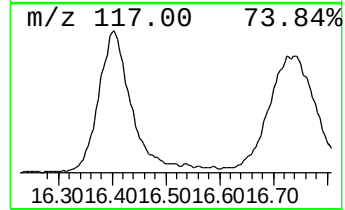
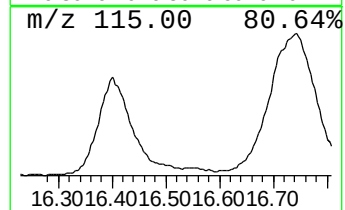
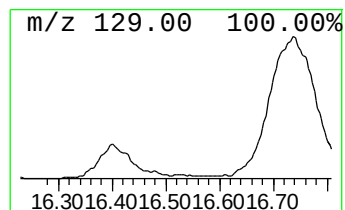
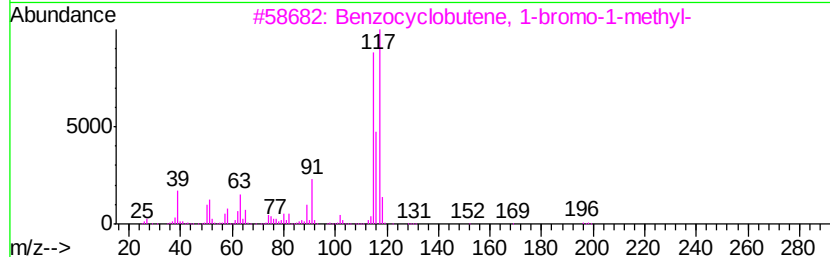
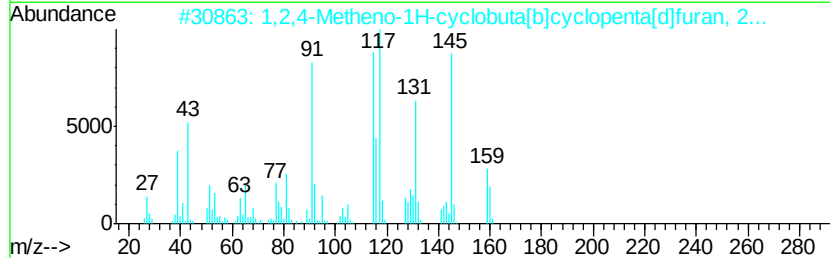
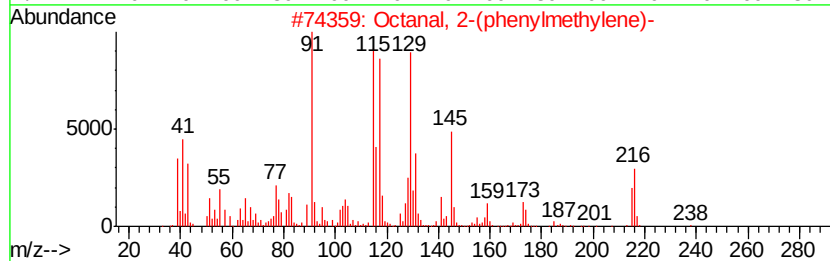
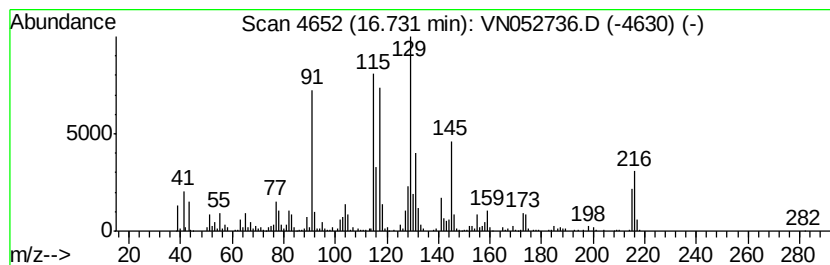
Instrument :  
MSVOA\_N  
ClientSampleId :  
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Peak Number 3 Octanal, 2-(phenylmethylene)- Concentration Rank 3

| R.T.    | EstConc                              | Area          | Relative to ISTD       | R.T.      |
|---------|--------------------------------------|---------------|------------------------|-----------|
| 16.73   | 10.10 ug/l                           | 827242        | 1,4-Dichlorobenzene-d4 | 13.35     |
| Hit# of | 5                                    | Tentative ID  | MW MolForm             | CAS# Qual |
| 1       | Octanal, 2-(phenylmethylene)-        | 216 C15H20O   | 000101-86-0            | 99        |
| 2       | 1,2,4-Metheno-1H-cyclobuta[b]cyc...  | 160 C11H12O   | 078323-74-7            | 49        |
| 3       | Benzocyclobutene, 1-bromo-1-methyl-  | 196 C9H9Br    | 1000161-76-4           | 42        |
| 4       | 4-Methyl-4-phenyl-2,3:5,6-diepoxy... | 216 C13H12O3  | 1000103-23-9           | 35        |
| 5       | 1,2-Di(prop-2-enyl)-tetramethylid... | 198 C10H22Si2 | 018645-49-3            | 25        |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 1-Decene             | 13.08 | 99.8    | ug/l  | 8181360  | 4                     | 13.35 | 4096700 | 50.0 |
| Benzeneacetic aci... | 16.40 | 42.4    | ug/l  | 3471270  | 4                     | 13.35 | 4096700 | 50.0 |
| Octanal, 2-(pheny... | 16.73 | 10.1    | ug/l  | 827242   | 4                     | 13.35 | 4096700 | 50.0 |