

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\  
 Data File : VW013057.D  
 Acq On : 16 Sep 2019 23:19  
 Operator : SY/VA  
 Sample : VW0916SBL02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0916SBL02

## 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\82W091419S.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         | 3.367       | 232           | 240         | 252          | rBV3     | 9322           | 24712         | 1.75%           | 0.286%        |
| 2         | 4.903       | 480           | 492         | 493          | rBV3     | 12636          | 25249         | 1.79%           | 0.292%        |
| 3         | 5.116       | 515           | 527         | 540          | rVB2     | 19733          | 74223         | 5.25%           | 0.858%        |
| 4         | 5.744       | 620           | 630         | 640          | rBV4     | 5929           | 19485         | 1.38%           | 0.225%        |
| 5         | 5.933       | 651           | 661         | 672          | rVB4     | 6539           | 21482         | 1.52%           | 0.248%        |
| 6         | 7.146       | 848           | 860         | 876          | rBV      | 55487          | 172595        | 12.22%          | 1.996%        |
| 7         | 7.878       | 969           | 980         | 985          | rBV      | 178376         | 419957        | 29.73%          | 4.857%        |
| 8         | 7.945       | 985           | 991         | 1003         | rVB      | 380175         | 848193        | 60.05%          | 9.809%        |
| 9         | 8.250       | 1030          | 1041        | 1045         | rBV      | 115674         | 291859        | 20.66%          | 3.375%        |
| 10        | 8.305       | 1045          | 1050        | 1061         | rVB      | 184430         | 400552        | 28.36%          | 4.632%        |
| 11        | 8.835       | 1128          | 1137        | 1154         | rBV      | 532429         | 1064422       | 75.35%          | 12.310%       |
| 12        | 10.323      | 1372          | 1381        | 1389         | rBV      | 806678         | 1412547       | 100.00%         | 16.336%       |
| 13        | 10.707      | 1433          | 1444        | 1451         | rBV      | 151833         | 281486        | 19.93%          | 3.255%        |
| 14        | 11.066      | 1495          | 1503        | 1511         | rBV      | 71646          | 121758        | 8.62%           | 1.408%        |
| 15        | 11.176      | 1514          | 1521        | 1526         | rVB2     | 12162          | 21291         | 1.51%           | 0.246%        |
| 16        | 11.438      | 1553          | 1564        | 1570         | rVB      | 38477          | 70693         | 5.00%           | 0.818%        |
| 17        | 11.627      | 1586          | 1595        | 1608         | rBV      | 684767         | 1169173       | 82.77%          | 13.521%       |
| 18        | 12.615      | 1745          | 1757        | 1766         | rBV2     | 586213         | 990753        | 70.14%          | 11.458%       |
| 19        | 12.932      | 1804          | 1809        | 1817         | rBV3     | 15879          | 26467         | 1.87%           | 0.306%        |
| 20        | 13.292      | 1864          | 1868        | 1876         | rVB2     | 8514           | 15710         | 1.11%           | 0.182%        |
| 21        | 13.401      | 1879          | 1886        | 1893         | rVB6     | 6750           | 15418         | 1.09%           | 0.178%        |
| 22        | 13.499      | 1893          | 1902        | 1905         | rBV4     | 6750           | 15123         | 1.07%           | 0.175%        |
| 23        | 13.554      | 1905          | 1911        | 1925         | rVB      | 645568         | 1055378       | 74.71%          | 12.205%       |
| 24        | 14.066      | 1989          | 1995        | 2004         | rVB2     | 19604          | 37244         | 2.64%           | 0.431%        |
| 25        | 15.438      | 2212          | 2220        | 2226         | rVB2     | 29118          | 51165         | 3.62%           | 0.592%        |

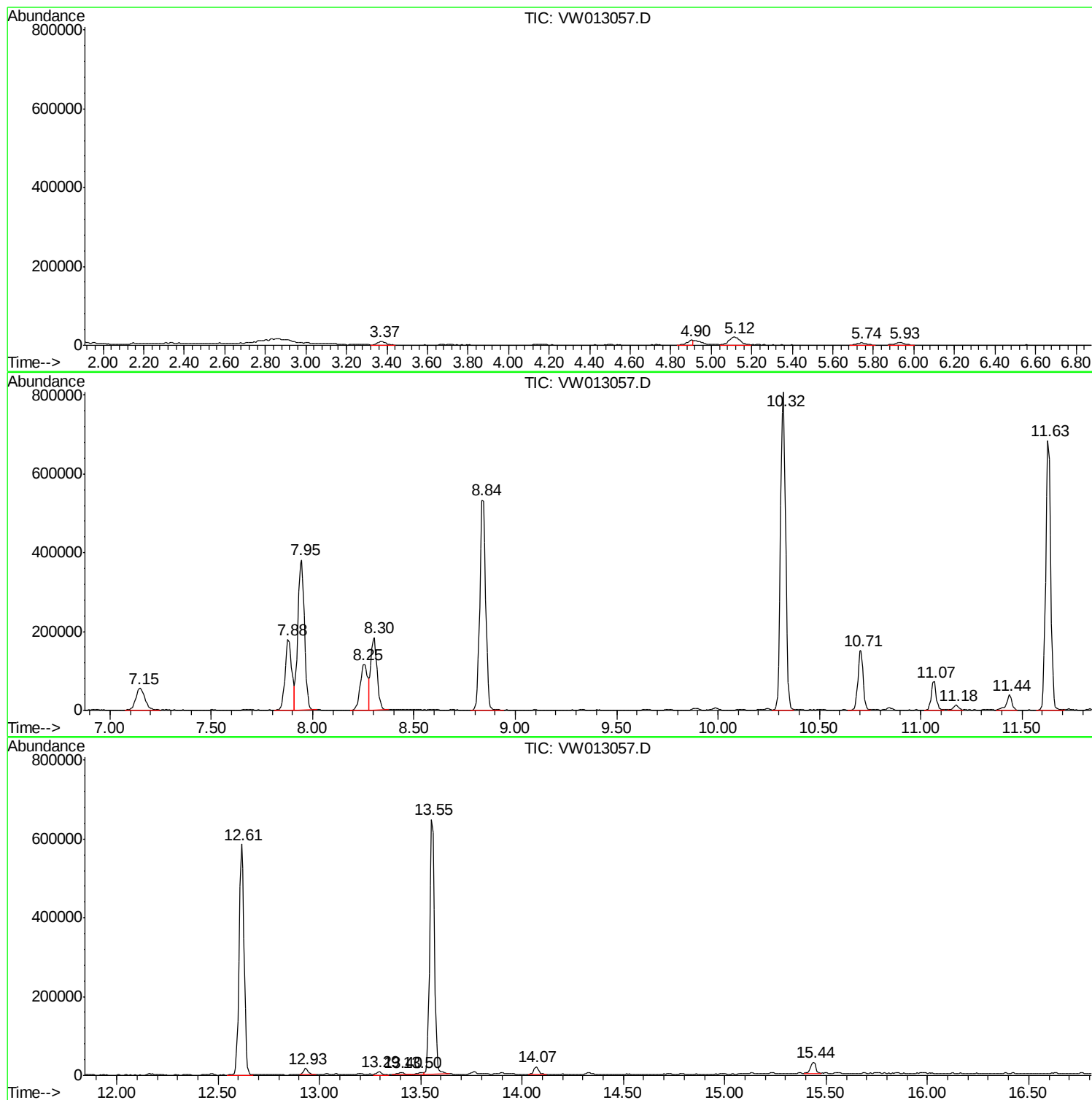
Sum of corrected areas: 8646935

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W091419S.M  
Quant Title : SW846 8260

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



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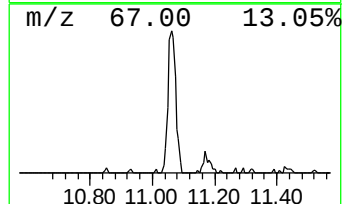
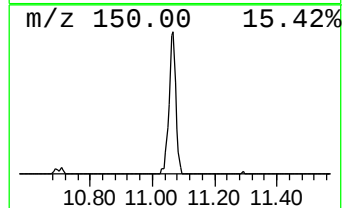
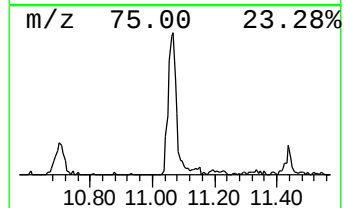
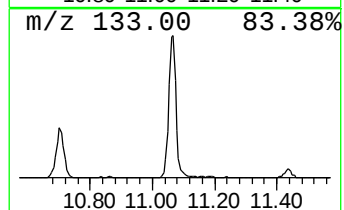
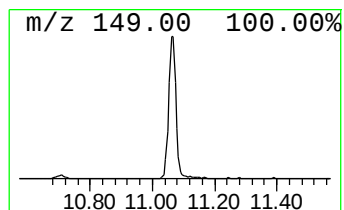
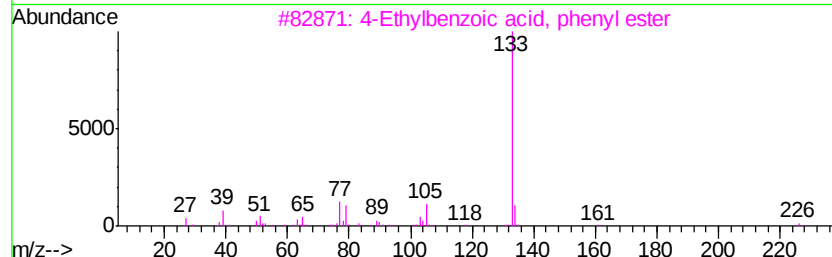
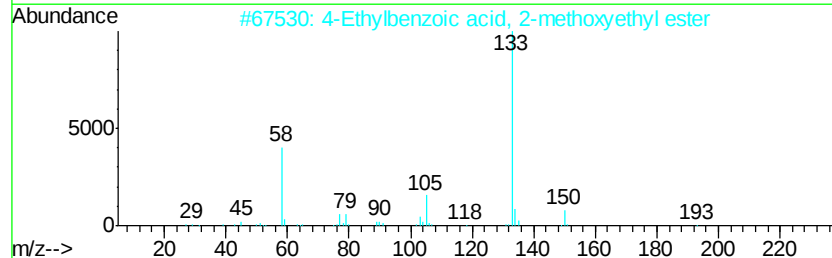
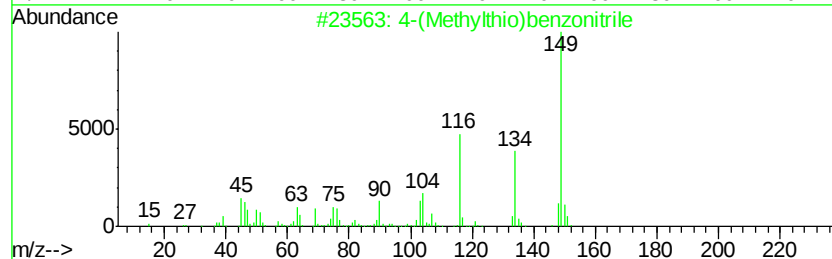
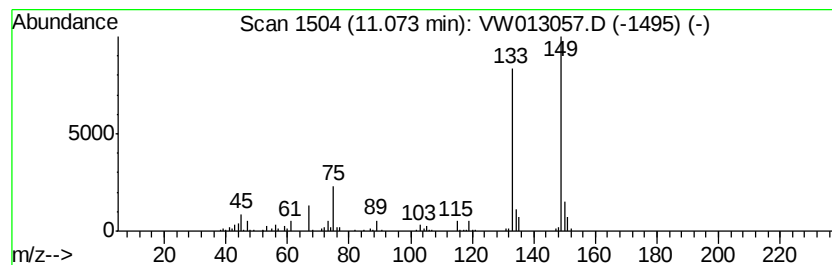
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Peak Number 4 unknown11.07 Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 11.07 | 5.21 ug/l | 121758 | Chlorobenzene-d5 | 11.63 |

| Hit# of | 5 | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|---------|---|--------------------------------------|-----|----------|--------------|------|
| 1       |   | 4-(Methylthio)benzonitrile           | 149 | C8H7NS   | 021382-98-9  | 35   |
| 2       |   | 4-Ethylbenzoic acid, 2-methoxyvet... | 208 | C12H16O3 | 1000331-30-6 | 17   |
| 3       |   | 4-Ethylbenzoic acid, phenyl ester    | 226 | C15H14O2 | 118388-89-9  | 17   |
| 4       |   | 4-Ethylbenzoic acid, 2,2-dimethy...  | 220 | C14H20O2 | 1000293-49-5 | 17   |
| 5       |   | 4-Ethylbenzoic acid, cyclohexyl ...  | 232 | C15H20O2 | 1000293-32-1 | 17   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown11.07     | 11.07 | 5.2     | ug/l  | 121758   | 3                     | 11.63 | 1169170 | 50.0 |