

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\  
 Data File : VW013246.D  
 Acq On : 23 Sep 2019 23:26  
 Operator : SY/VA  
 Sample : VW0923SBL02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0923SBL02

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\82W092019S.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         | 4.909       | 482           | 493         | 511          | rBV3     | 21091          | 83163         | 5.48%           | 0.943%        |
| 2         | 5.117       | 514           | 527         | 542          | rVB      | 14139          | 51240         | 3.38%           | 0.581%        |
| 3         | 5.934       | 649           | 661         | 670          | rBV5     | 8153           | 24727         | 1.63%           | 0.280%        |
| 4         | 7.147       | 846           | 860         | 874          | rBV      | 45456          | 132964        | 8.76%           | 1.508%        |
| 5         | 7.878       | 970           | 980         | 985          | rBV      | 187706         | 459251        | 30.27%          | 5.209%        |
| 6         | 7.945       | 985           | 991         | 1003         | rVB      | 409359         | 910719        | 60.03%          | 10.330%       |
| 7         | 8.250       | 1032          | 1041        | 1044         | rBV2     | 38401          | 93004         | 6.13%           | 1.055%        |
| 8         | 8.305       | 1044          | 1050        | 1060         | rVB      | 178166         | 404445        | 26.66%          | 4.587%        |
| 9         | 8.842       | 1128          | 1138        | 1148         | rBV      | 557524         | 1127921       | 74.35%          | 12.793%       |
| 10        | 10.323      | 1372          | 1381        | 1389         | rBV      | 849584         | 1517130       | 100.00%         | 17.208%       |
| 11        | 10.701      | 1435          | 1443        | 1451         | rBV      | 161495         | 289263        | 19.07%          | 3.281%        |
| 12        | 11.061      | 1496          | 1502        | 1513         | rBV      | 80315          | 136345        | 8.99%           | 1.546%        |
| 13        | 11.439      | 1553          | 1564        | 1573         | rBV2     | 36983          | 68924         | 4.54%           | 0.782%        |
| 14        | 11.628      | 1587          | 1595        | 1608         | rBV      | 718073         | 1234145       | 81.35%          | 13.998%       |
| 15        | 12.615      | 1748          | 1757        | 1766         | rBV2     | 608587         | 1046882       | 69.00%          | 11.874%       |
| 16        | 12.932      | 1804          | 1809        | 1815         | rVB3     | 21461          | 33339         | 2.20%           | 0.378%        |
| 17        | 13.554      | 1905          | 1911        | 1924         | rVB      | 683057         | 1112750       | 73.35%          | 12.621%       |
| 18        | 14.072      | 1991          | 1996        | 2002         | rVB      | 19551          | 34107         | 2.25%           | 0.387%        |
| 19        | 14.335      | 2029          | 2039        | 2043         | rBV2     | 9719           | 19688         | 1.30%           | 0.223%        |
| 20        | 15.432      | 2215          | 2219        | 2225         | rVB2     | 21768          | 36381         | 2.40%           | 0.413%        |

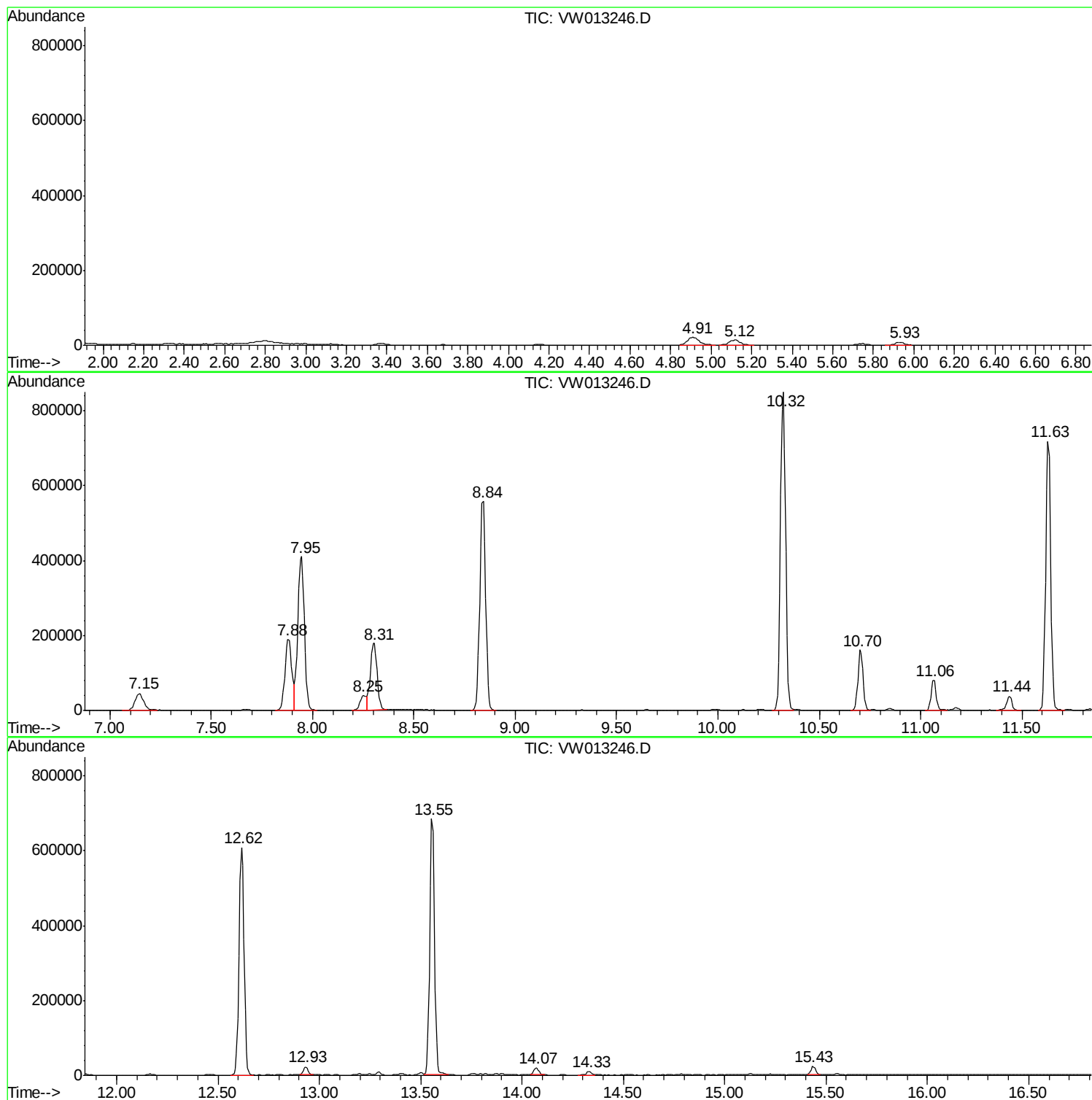
Sum of corrected areas: 8816388

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092019S.M  
Quant Title : SW846 8260

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



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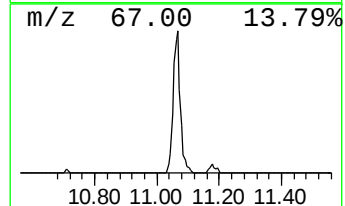
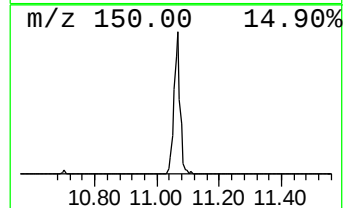
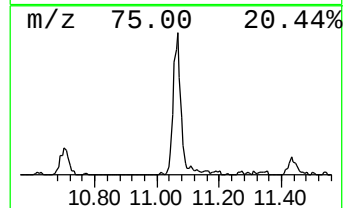
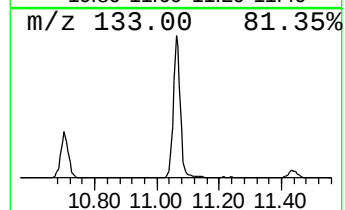
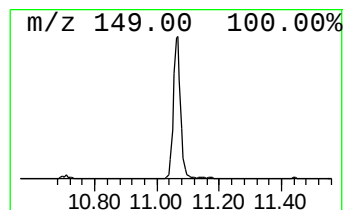
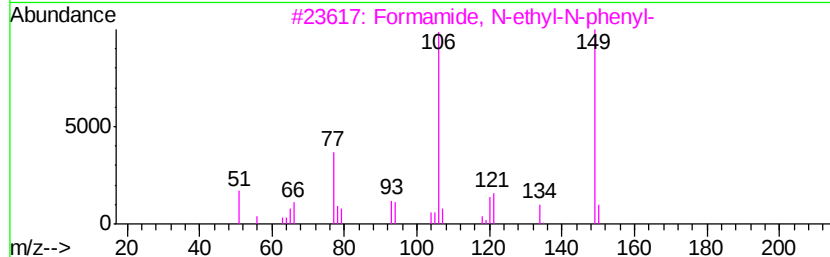
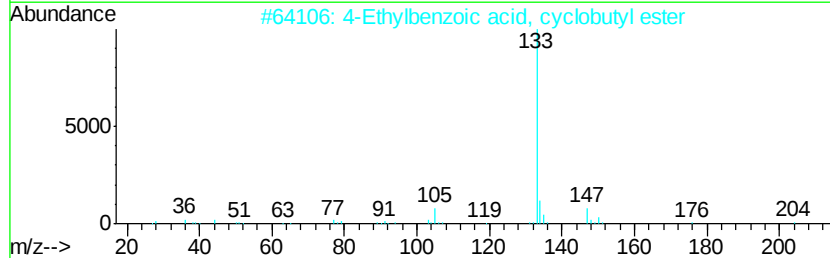
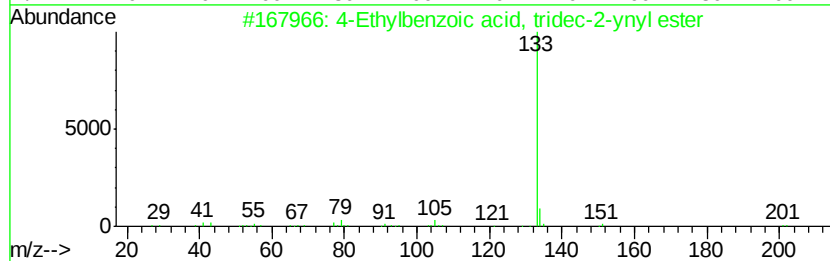
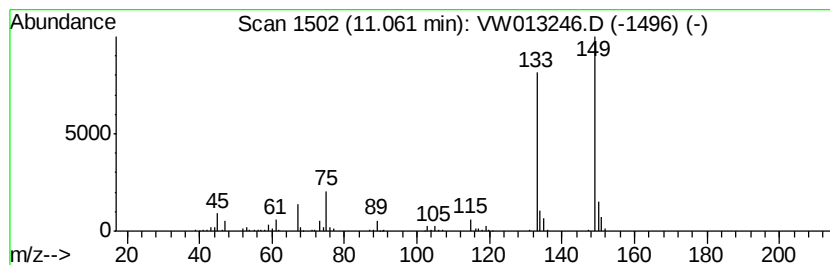
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown11.06 Concentration Rank 3

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 11.06 | 5.52 ug/l | 136345 | Chlorobenzene-d5 | 11.63 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | 4-Ethylbenzoic acid, tridec-2-yn... | 328 | C22H32O2    | 1000292-54-9 | 27   |
| 2    |    | 4-Ethylbenzoic acid, cyclobutyl ... | 204 | C13H16O2    | 1000292-19-6 | 27   |
| 3    |    | Formamide, N-ethyl-N-phenyl-        | 149 | C9H11NO     | 005461-49-4  | 17   |
| 4    |    | 7-Methylthieno[3,2-b]pyridine       | 149 | C8H7NS      | 013362-83-9  | 16   |
| 5    |    | 4-Ethylbenzoic acid, 2,5-dichlor... | 294 | C15H12Cl2O2 | 1000325-73-5 | 16   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown11.06     | 11.06 | 5.5     | ug/l  | 136345   | 3                     | 11.63 | 1234150 | 50.0 |