

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\  
 Data File : VW003938.D  
 Acq On : 14 Jul 2018 01:21  
 Operator : VA/AP  
 Sample : J3831-01  
 Misc : 5.71G/5ML/MSVOA W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SU-04-071218

## 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\82W070718S.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         | 1.807       | 27            | 36          | 57           | rVB      | 4271311        | 8819231       | 100.00%         | 58.070%       |
| 2         | 4.904       | 532           | 544         | 566          | rVB2     | 25814          | 91066         | 1.03%           | 0.600%        |
| 3         | 7.153       | 902           | 913         | 928          | rBV      | 45810          | 139295        | 1.58%           | 0.917%        |
| 4         | 7.885       | 1024          | 1033        | 1038         | rBV      | 160300         | 384403        | 4.36%           | 2.531%        |
| 5         | 7.952       | 1038          | 1044        | 1053         | rVB      | 271157         | 595439        | 6.75%           | 3.921%        |
| 6         | 8.312       | 1087          | 1103        | 1113         | rBV      | 167168         | 374908        | 4.25%           | 2.469%        |
| 7         | 8.848       | 1182          | 1191        | 1202         | rBV      | 424990         | 832054        | 9.43%           | 5.479%        |
| 8         | 10.329      | 1426          | 1434        | 1441         | rBV      | 587537         | 1043260       | 11.83%          | 6.869%        |
| 9         | 11.634      | 1640          | 1648        | 1656         | rBV      | 564108         | 936299        | 10.62%          | 6.165%        |
| 10        | 12.622      | 1803          | 1810        | 1818         | rBV      | 433733         | 715383        | 8.11%           | 4.710%        |
| 11        | 13.567      | 1958          | 1965        | 1974         | rVB      | 522497         | 849684        | 9.63%           | 5.595%        |
| 12        | 15.377      | 2255          | 2262        | 2270         | rBV      | 86231          | 152326        | 1.73%           | 1.003%        |
| 13        | 16.456      | 2433          | 2439        | 2446         | rVB      | 45542          | 94360         | 1.07%           | 0.621%        |
| 14        | 16.658      | 2464          | 2472        | 2481         | rBV      | 71141          | 159546        | 1.81%           | 1.051%        |

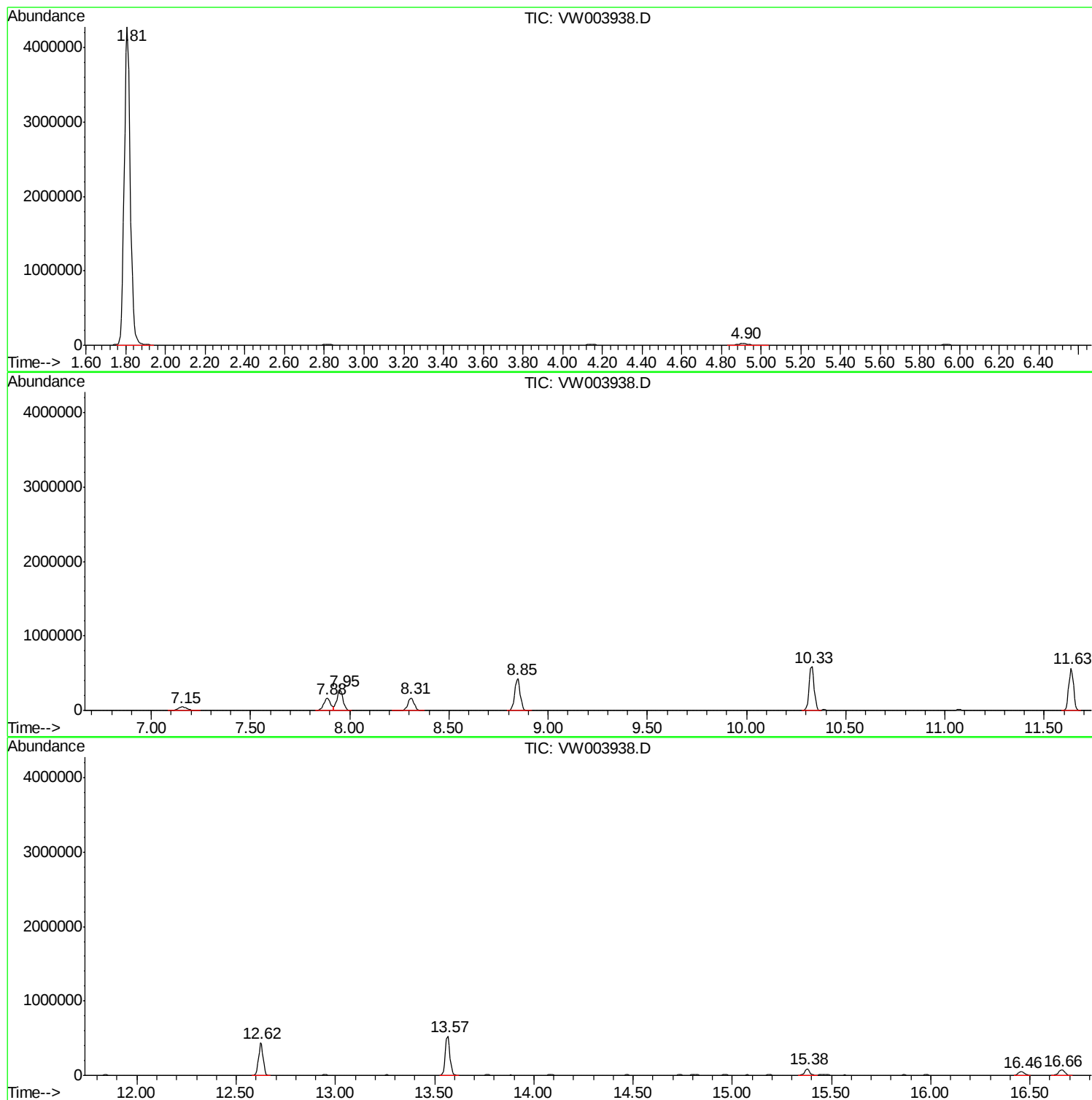
Sum of corrected areas: 15187254

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W070718S.M  
Quant Title : SW846 8260

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



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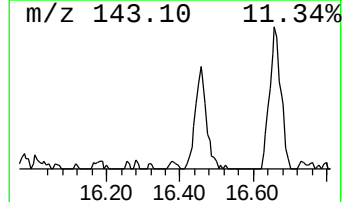
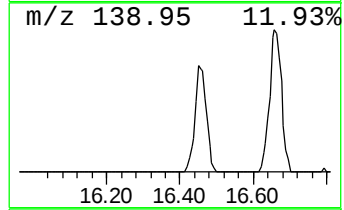
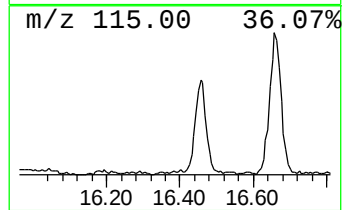
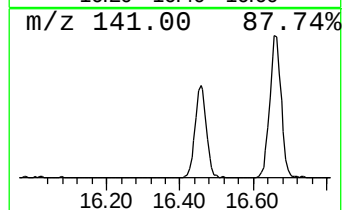
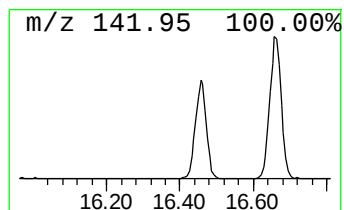
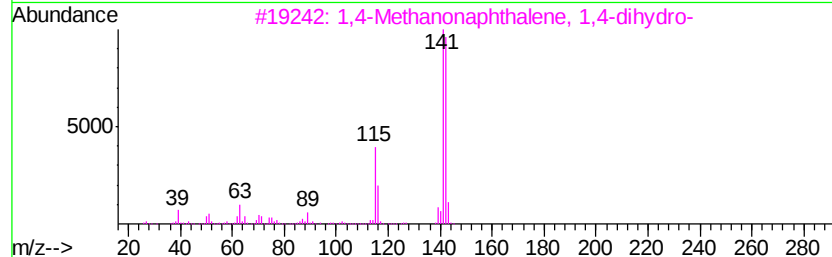
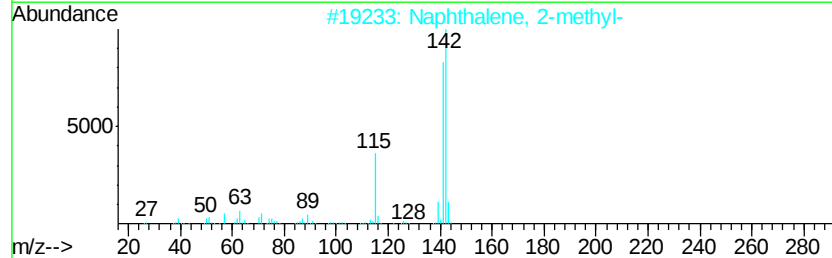
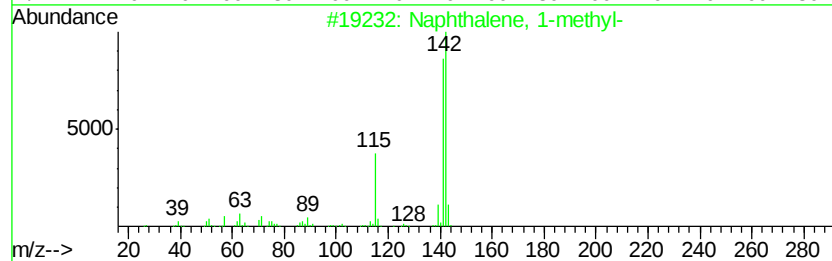
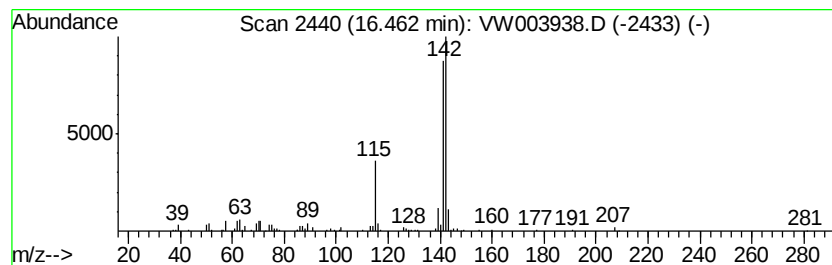
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 16.46 | 5.55 ug/l | 94360 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 97   |
| 2    |    | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 97   |
| 3    |    | 1,4-Methanonaphthalene, 1,4-dihv... | 142 | C11H10  | 004453-90-1 | 91   |
| 4    |    | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 90   |
| 5    |    | Naphthalene, 1-(2-hydroxypropyl)    | 186 | C13H14O | 027653-13-0 | 83   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Naphthalene, 1-me... | 16.46 | 5.5     | ug/l  | 94360    | 4                     | 13.57 | 849684 | 50.0 |