

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\  
 Data File : VD064356.D  
 Acq On : 25 Nov 2019 13:08  
 Operator : VA/SY  
 Sample : K5672-01  
 Misc : 7.91G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EO-02-112219

## 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\_D\METHOD\82D110819S.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         | 4.167       | 373           | 382         | 391          | rVB2     | 21313          | 61064         | 1.61%           | 0.262%        |
| 2         | 7.220       | 892           | 901         | 911          | rBV6     | 22479          | 64849         | 1.71%           | 0.279%        |
| 3         | 7.920       | 1009          | 1020        | 1025         | rBV      | 533531         | 1309506       | 34.45%          | 5.628%        |
| 4         | 7.979       | 1025          | 1030        | 1043         | rVB      | 1011719        | 2315588       | 60.92%          | 9.952%        |
| 5         | 8.338       | 1080          | 1091        | 1100         | rBV      | 464543         | 1039762       | 27.35%          | 4.469%        |
| 6         | 8.867       | 1172          | 1181        | 1190         | rBV      | 1448020        | 2838178       | 74.67%          | 12.198%       |
| 7         | 10.343      | 1423          | 1432        | 1439         | rBV      | 2108990        | 3801214       | 100.00%         | 16.337%       |
| 8         | 10.402      | 1440          | 1442        | 1452         | rVB      | 37571          | 60553         | 1.59%           | 0.260%        |
| 9         | 11.649      | 1644          | 1654        | 1665         | rBV      | 1826825        | 3171363       | 83.43%          | 13.630%       |
| 10        | 11.855      | 1682          | 1689        | 1696         | rBV      | 50702          | 105639        | 2.78%           | 0.454%        |
| 11        | 12.190      | 1733          | 1746        | 1752         | rBV7     | 35899          | 99359         | 2.61%           | 0.427%        |
| 12        | 12.637      | 1815          | 1822        | 1833         | rVB      | 1453278        | 2423596       | 63.76%          | 10.416%       |
| 13        | 12.820      | 1847          | 1853        | 1858         | rVB4     | 16324          | 38028         | 1.00%           | 0.163%        |
| 14        | 12.961      | 1873          | 1877        | 1883         | rVB5     | 31151          | 50326         | 1.32%           | 0.216%        |
| 15        | 13.279      | 1926          | 1931        | 1935         | rVB2     | 42975          | 63586         | 1.67%           | 0.273%        |
| 16        | 13.584      | 1976          | 1983        | 1993         | rVB      | 1677880        | 2790032       | 73.40%          | 11.991%       |
| 17        | 13.784      | 2013          | 2017        | 2021         | rBV3     | 27349          | 46935         | 1.23%           | 0.202%        |
| 18        | 13.908      | 2032          | 2038        | 2043         | rBV6     | 25745          | 38206         | 1.01%           | 0.164%        |
| 19        | 14.120      | 2068          | 2074        | 2081         | rVB5     | 41982          | 88182         | 2.32%           | 0.379%        |
| 20        | 14.237      | 2090          | 2094        | 2098         | rBV6     | 26615          | 43099         | 1.13%           | 0.185%        |
| 21        | 14.843      | 2189          | 2197        | 2202         | rBV3     | 53984          | 139611        | 3.67%           | 0.600%        |
| 22        | 14.908      | 2202          | 2208        | 2214         | rVB7     | 19318          | 43578         | 1.15%           | 0.187%        |
| 23        | 14.996      | 2218          | 2223        | 2227         | rBV3     | 37538          | 67126         | 1.77%           | 0.288%        |
| 24        | 15.114      | 2237          | 2243        | 2246         | rBV7     | 27195          | 54197         | 1.43%           | 0.233%        |
| 25        | 15.220      | 2257          | 2261        | 2268         | rVB7     | 26766          | 56320         | 1.48%           | 0.242%        |
| 26        | 15.414      | 2287          | 2294        | 2301         | rVB      | 354451         | 646621        | 17.01%          | 2.779%        |
| 27        | 15.708      | 2339          | 2344        | 2350         | rBV4     | 20824          | 40441         | 1.06%           | 0.174%        |
| 28        | 16.449      | 2464          | 2470        | 2473         | rBV2     | 27885          | 57756         | 1.52%           | 0.248%        |
| 29        | 16.514      | 2474          | 2481        | 2493         | rVB      | 312165         | 710151        | 18.68%          | 3.052%        |
| 30        | 16.720      | 2508          | 2516        | 2527         | rVB      | 420967         | 1002882       | 26.38%          | 4.310%        |

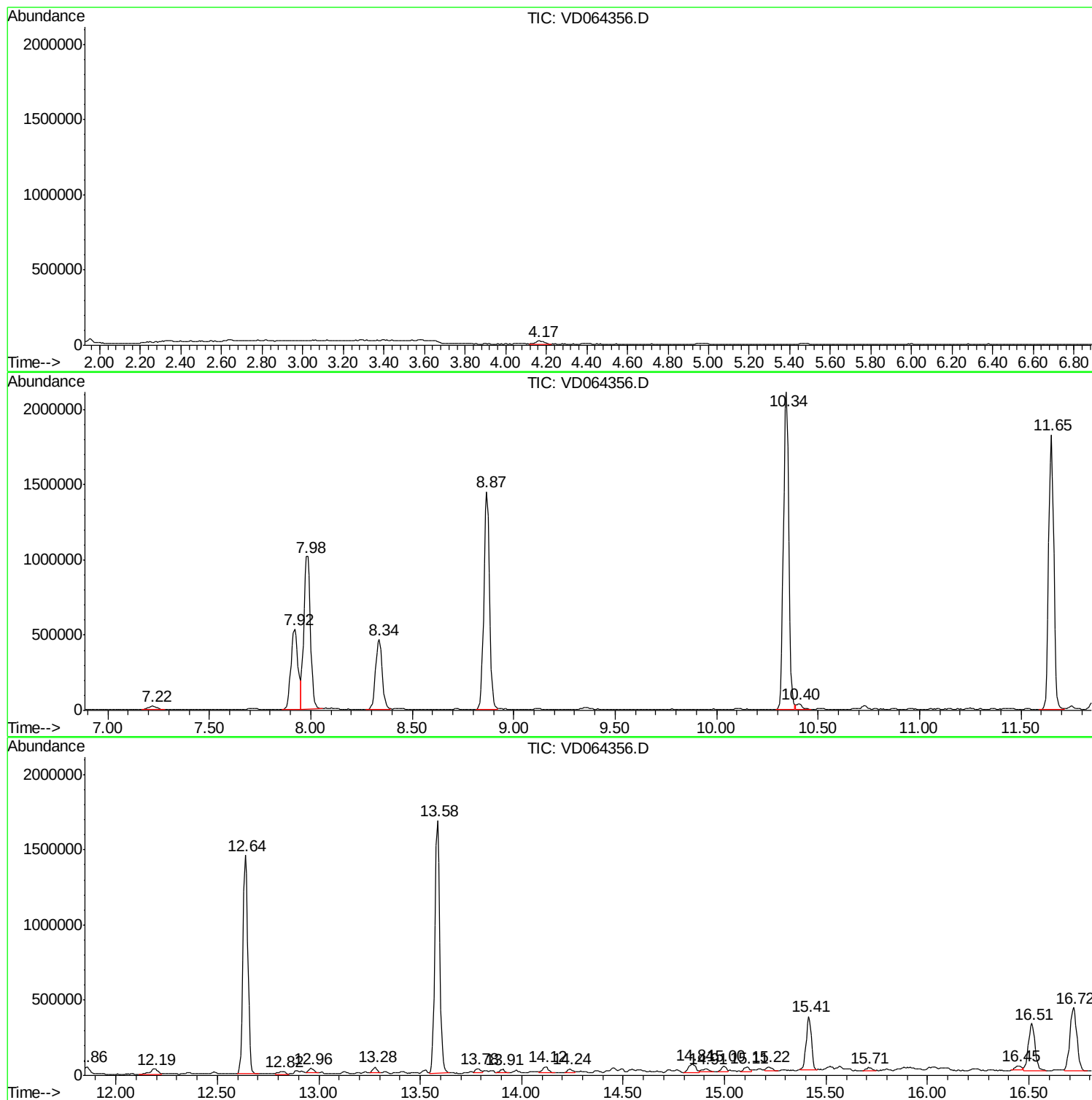
Sum of corrected areas: 23267748

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D110819S.M  
Quant Title : SW846 8260

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



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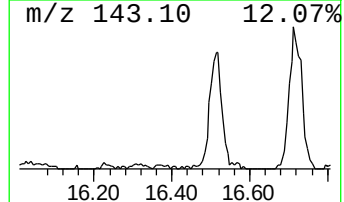
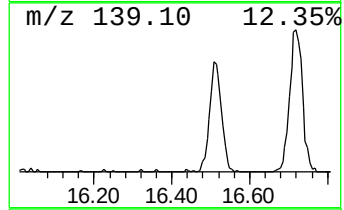
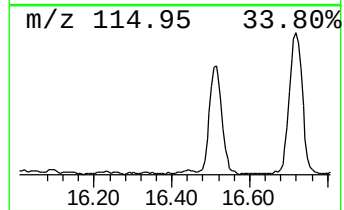
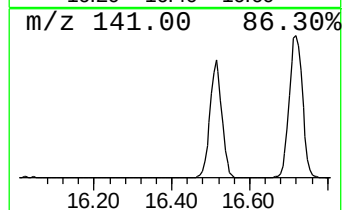
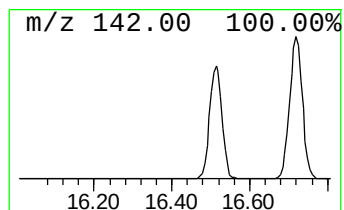
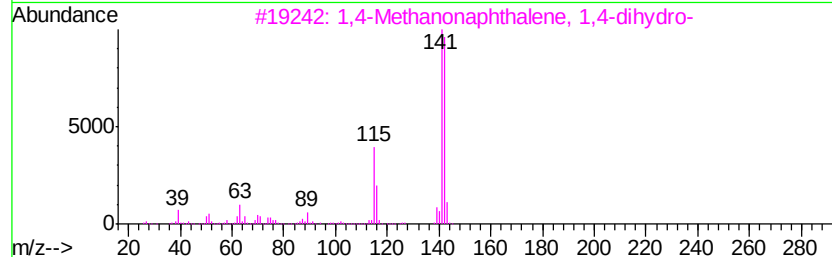
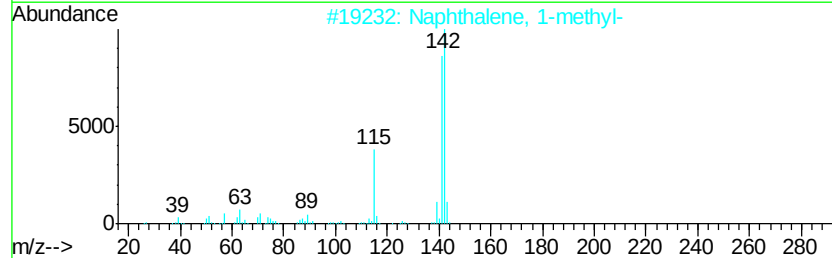
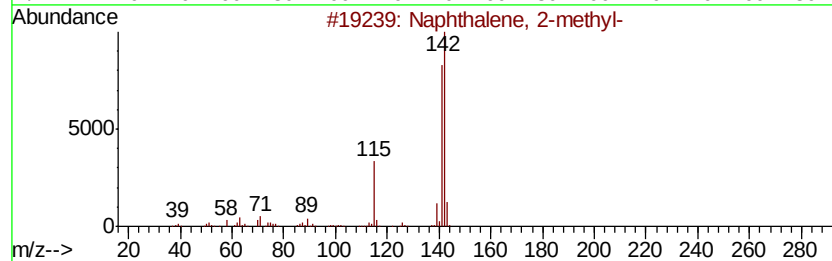
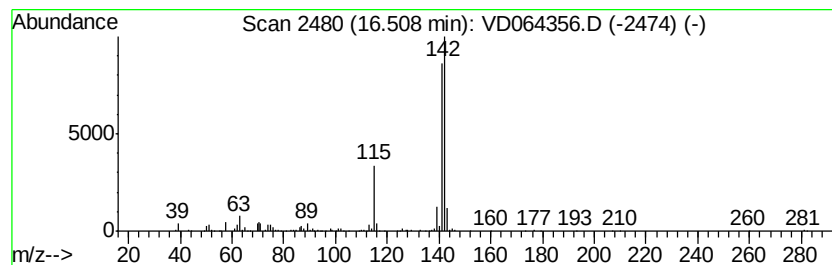
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Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 2

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 16.51   | 12.73 ug/l | 710151                              | 1,4-Dichlorobenzene-d4 | 13.58          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | Naphthalene, 2-methyl-              | 142 C11H10             | 000091-57-6 97 |
| 2       |            | Naphthalene, 1-methyl-              | 142 C11H10             | 000090-12-0 96 |
| 3       |            | 1,4-Methanonaphthalene, 1,4-dihv... | 142 C11H10             | 004453-90-1 91 |
| 4       |            | Benzocycloheptatriene               | 142 C11H10             | 000264-09-5 91 |
| 5       |            | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 C11H10             | 002443-46-1 86 |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Naphthalene, 1-me... | 16.51 | 12.7    | ug/l  | 710151   | 4                     | 13.58 | 2790030 | 50.0 |