

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\  
 Data File : VD067063.D  
 Acq On : 03 Oct 2020 05:11  
 Operator : VA/SY  
 Sample : L4247-09  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-19(7-9)

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\82D100120S.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         | 4.967       | 509           | 518         | 525          | RBV3     | 29198          | 80275         | 2.74%           | 0.453%        |
| 2         | 7.203       | 889           | 898         | 907          | RBV2     | 31887          | 91650         | 3.13%           | 0.517%        |
| 3         | 7.914       | 1009          | 1019        | 1024         | RBV      | 392988         | 946286        | 32.28%          | 5.341%        |
| 4         | 7.979       | 1024          | 1030        | 1043         | rVB      | 751764         | 1683738       | 57.43%          | 9.503%        |
| 5         | 8.332       | 1075          | 1090        | 1101         | RBV2     | 307092         | 768561        | 26.22%          | 4.338%        |
| 6         | 8.861       | 1171          | 1180        | 1192         | RBV      | 1053775        | 2107122       | 71.88%          | 11.892%       |
| 7         | 10.338      | 1422          | 1431        | 1448         | RBV      | 1618855        | 2931569       | 100.00%         | 16.545%       |
| 8         | 10.720      | 1490          | 1496        | 1504         | rVB2     | 46289          | 83934         | 2.86%           | 0.474%        |
| 9         | 11.085      | 1549          | 1558        | 1563         | RBV2     | 33132          | 56712         | 1.93%           | 0.320%        |
| 10        | 11.461      | 1618          | 1622        | 1627         | rVB5     | 18102          | 32780         | 1.12%           | 0.185%        |
| 11        | 11.644      | 1645          | 1653        | 1665         | RBV      | 1424026        | 2454968       | 83.74%          | 13.855%       |
| 12        | 11.855      | 1681          | 1689        | 1694         | RBV5     | 29424          | 55719         | 1.90%           | 0.314%        |
| 13        | 12.491      | 1789          | 1797        | 1803         | RBV3     | 42399          | 89838         | 3.06%           | 0.507%        |
| 14        | 12.632      | 1814          | 1821        | 1832         | rVB      | 1135632        | 1906308       | 65.03%          | 10.759%       |
| 15        | 12.955      | 1868          | 1876        | 1883         | rVB4     | 65709          | 119023        | 4.06%           | 0.672%        |
| 16        | 13.461      | 1956          | 1962        | 1966         | RBV8     | 19290          | 40523         | 1.38%           | 0.229%        |
| 17        | 13.579      | 1973          | 1982        | 1991         | rVV      | 1438607        | 2364736       | 80.66%          | 13.346%       |
| 18        | 13.779      | 2011          | 2016        | 2020         | RBV3     | 22638          | 38050         | 1.30%           | 0.215%        |
| 19        | 13.896      | 2031          | 2036        | 2042         | rVB3     | 67923          | 110392        | 3.77%           | 0.623%        |
| 20        | 14.114      | 2068          | 2073        | 2078         | rVB8     | 22737          | 42702         | 1.46%           | 0.241%        |
| 21        | 14.232      | 2089          | 2093        | 2098         | rVB5     | 26014          | 42006         | 1.43%           | 0.237%        |
| 22        | 14.379      | 2110          | 2118        | 2120         | RBV6     | 16028          | 37877         | 1.29%           | 0.214%        |
| 23        | 14.720      | 2171          | 2176        | 2179         | RBV6     | 15119          | 29532         | 1.01%           | 0.167%        |
| 24        | 14.761      | 2179          | 2183        | 2188         | rVV2     | 38943          | 62637         | 2.14%           | 0.354%        |
| 25        | 14.832      | 2190          | 2195        | 2200         | rVV5     | 36406          | 81214         | 2.77%           | 0.458%        |
| 26        | 15.408      | 2282          | 2293        | 2301         | RBV      | 530415         | 988292        | 33.71%          | 5.578%        |
| 27        | 16.508      | 2473          | 2480        | 2487         | RBV      | 113118         | 235264        | 8.03%           | 1.328%        |
| 28        | 16.714      | 2506          | 2515        | 2523         | RBV2     | 103098         | 236731        | 8.08%           | 1.336%        |

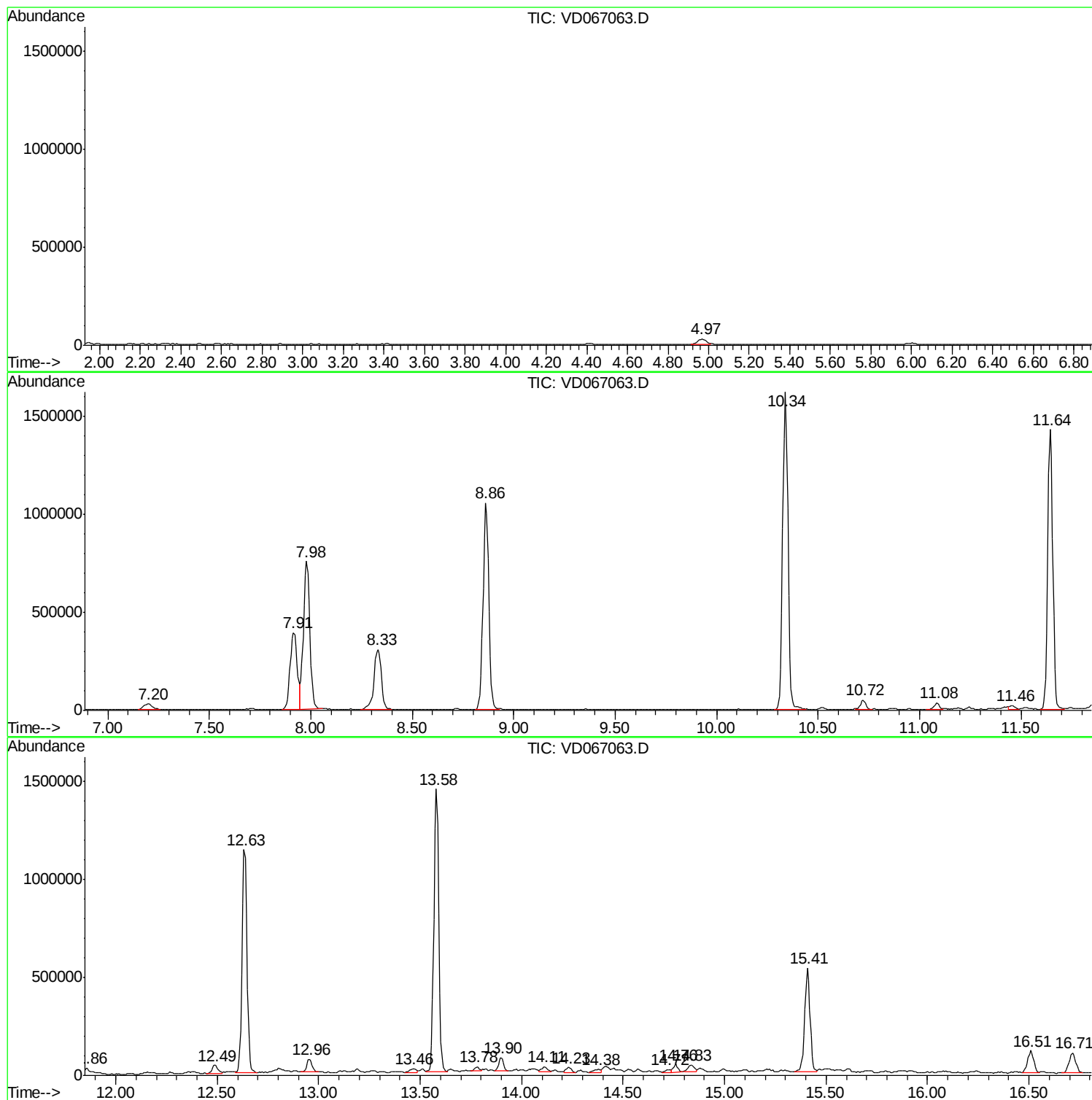
Sum of corrected areas: 17718439

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D100120S.M  
Quant Title : SW846 8260

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



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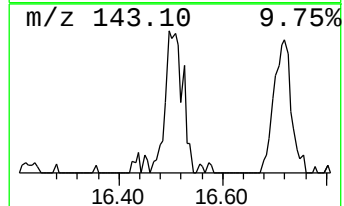
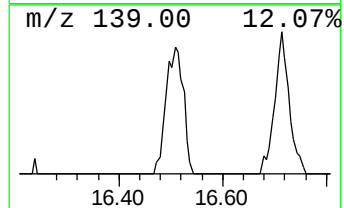
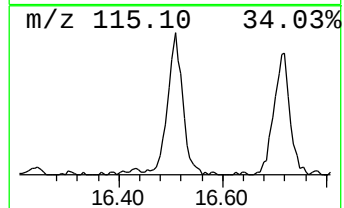
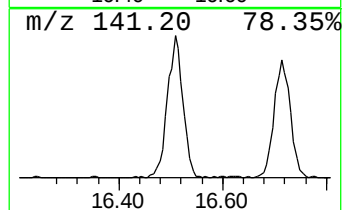
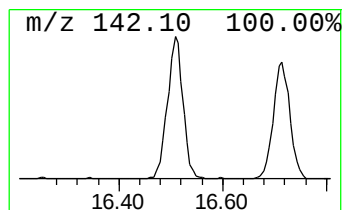
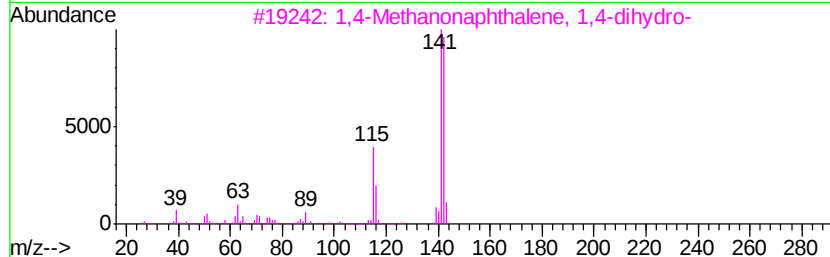
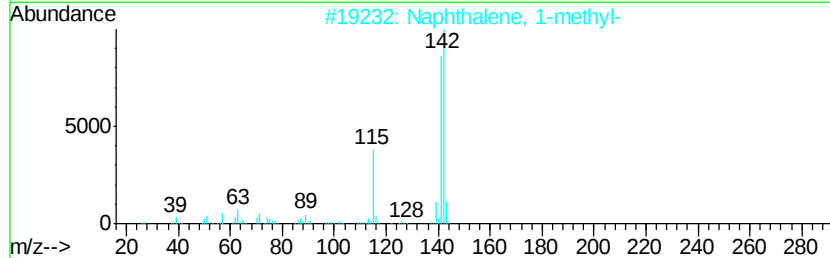
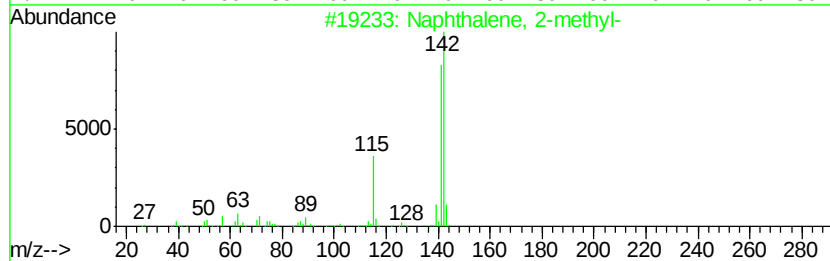
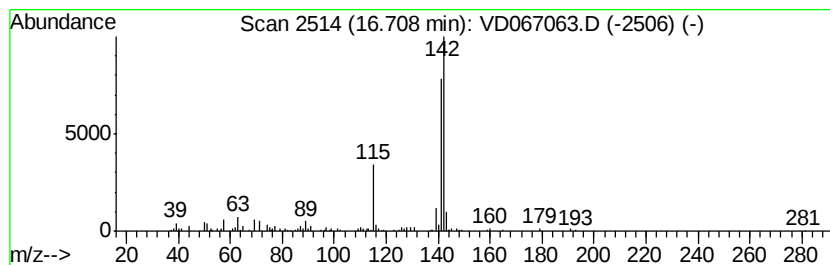
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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 16.71 | 5.01 ug/l | 236731 | 1,4-Dichlorobenzene-d4 | 13.58 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 95   |
| 2    |    | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 94   |
| 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 | 83   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Naphthalene, 1-me... | 16.71 | 5.0     | ug/l  | 236731   | 4                     | 13.58 | 2364740 | 50.0 |