

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW112618\  
 Data File : VW007080.D  
 Acq On : 27 Nov 2018 10:38  
 Operator : VAY/AP  
 Sample : J5774-05  
 Misc : 5.72/5ML/MSVOA\_W/SOIL  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SU-03-112118-A

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\82W112118S.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         | 1.959       | 4             | 9           | 16           | rVB      | 13295          | 19634         | 3.77%           | 0.467%        |
| 2         | 2.349       | 65            | 73          | 79           | rBV      | 7683           | 11878         | 2.28%           | 0.282%        |
| 3         | 4.141       | 358           | 367         | 380          | rBV2     | 3855           | 11848         | 2.27%           | 0.282%        |
| 4         | 4.922       | 483           | 495         | 508          | rBV3     | 12623          | 40854         | 7.84%           | 0.971%        |
| 5         | 5.446       | 575           | 581         | 589          | rVB6     | 1884           | 5300          | 1.02%           | 0.126%        |
| 6         | 7.884       | 971           | 981         | 986          | rBV      | 76220          | 176597        | 33.91%          | 4.197%        |
| 7         | 7.951       | 986           | 992         | 1006         | rVB      | 168136         | 369566        | 70.96%          | 8.782%        |
| 8         | 8.305       | 1041          | 1050        | 1064         | rVB      | 79874          | 173438        | 33.30%          | 4.122%        |
| 9         | 8.842       | 1129          | 1138        | 1149         | rBV      | 231706         | 456626        | 87.67%          | 10.851%       |
| 10        | 10.323      | 1373          | 1381        | 1388         | rBV      | 297865         | 520826        | 100.00%         | 12.377%       |
| 11        | 10.390      | 1388          | 1392        | 1401         | rVB      | 30571          | 51284         | 9.85%           | 1.219%        |
| 12        | 10.713      | 1438          | 1445        | 1462         | rVB3     | 16181          | 59293         | 11.38%          | 1.409%        |
| 13        | 11.634      | 1587          | 1596        | 1606         | rVB      | 271390         | 464278        | 89.14%          | 11.033%       |
| 14        | 11.731      | 1606          | 1612        | 1619         | rBV3     | 3640           | 6440          | 1.24%           | 0.153%        |
| 15        | 11.841      | 1622          | 1630        | 1639         | rBV2     | 9360           | 18015         | 3.46%           | 0.428%        |
| 16        | 12.170      | 1674          | 1684        | 1692         | rBV3     | 8606           | 16154         | 3.10%           | 0.384%        |
| 17        | 12.621      | 1751          | 1758        | 1766         | rBV      | 198362         | 322243        | 61.87%          | 7.658%        |
| 18        | 12.871      | 1792          | 1799        | 1802         | rBV2     | 3512           | 5328          | 1.02%           | 0.127%        |
| 19        | 12.944      | 1807          | 1811        | 1818         | rVB2     | 6819           | 10579         | 2.03%           | 0.251%        |
| 20        | 13.255      | 1856          | 1862        | 1866         | rBV      | 12219          | 18200         | 3.49%           | 0.433%        |
| 21        | 13.560      | 1905          | 1912        | 1922         | rBV      | 199042         | 337243        | 64.75%          | 8.014%        |
| 22        | 13.761      | 1940          | 1945        | 1954         | rVB2     | 14980          | 29355         | 5.64%           | 0.698%        |
| 23        | 13.944      | 1969          | 1975        | 1981         | rVB      | 13660          | 21716         | 4.17%           | 0.516%        |
| 24        | 14.078      | 1989          | 1997        | 2006         | rVB3     | 10051          | 26234         | 5.04%           | 0.623%        |
| 25        | 14.213      | 2014          | 2019        | 2027         | rBV3     | 4897           | 9253          | 1.78%           | 0.220%        |
| 26        | 14.420      | 2045          | 2053        | 2057         | rBV3     | 4804           | 10571         | 2.03%           | 0.251%        |
| 27        | 14.462      | 2057          | 2060        | 2064         | rVB2     | 5798           | 7890          | 1.51%           | 0.187%        |
| 28        | 14.694      | 2093          | 2098        | 2101         | rBV      | 6605           | 9731          | 1.87%           | 0.231%        |
| 29        | 14.731      | 2101          | 2104        | 2110         | rVB4     | 4944           | 7645          | 1.47%           | 0.182%        |
| 30        | 14.810      | 2110          | 2117        | 2123         | rBV5     | 13829          | 32492         | 6.24%           | 0.772%        |
| 31        | 14.877      | 2123          | 2128        | 2133         | rVB2     | 8329           | 14384         | 2.76%           | 0.342%        |
| 32        | 14.962      | 2135          | 2142        | 2148         | rVB2     | 12589          | 21467         | 4.12%           | 0.510%        |
| 33        | 15.066      | 2151          | 2159        | 2165         | rBV7     | 5681           | 14535         | 2.79%           | 0.345%        |
| 34        | 15.188      | 2171          | 2179        | 2187         | rVB4     | 5156           | 12565         | 2.41%           | 0.299%        |

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Misc : 5.72/5ML/MSVOA\_W/SOIL  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
SU-03-112118-A

## 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\82W112118S.M  
Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 15.377 | 2198 | 2210 | 2216 | rBV  | 200764 | 365722 | 70.22% | 8.691% |
| 36 | 15.474 | 2222 | 2226 | 2227 | rBV  | 6047   | 7319   | 1.41%  | 0.174% |
| 37 | 15.511 | 2227 | 2232 | 2238 | rVV  | 12356  | 25838  | 4.96%  | 0.614% |
| 38 | 15.670 | 2251 | 2258 | 2264 | rBV4 | 4747   | 10625  | 2.04%  | 0.252% |
| 39 | 15.828 | 2275 | 2284 | 2285 | rBV5 | 4281   | 9194   | 1.77%  | 0.218% |
| 40 | 15.871 | 2287 | 2291 | 2296 | rVB6 | 5773   | 11802  | 2.27%  | 0.280% |
| 41 | 15.962 | 2301 | 2306 | 2311 | rBV6 | 3125   | 6698   | 1.29%  | 0.159% |
| 42 | 16.041 | 2313 | 2319 | 2323 | rVB7 | 3024   | 6732   | 1.29%  | 0.160% |
| 43 | 16.188 | 2334 | 2343 | 2348 | rBV5 | 5511   | 14630  | 2.81%  | 0.348% |
| 44 | 16.389 | 2365 | 2376 | 2379 | rBV6 | 6917   | 16266  | 3.12%  | 0.387% |
| 45 | 16.450 | 2379 | 2386 | 2401 | rVB  | 108806 | 234094 | 44.95% | 5.563% |
| 46 | 16.657 | 2411 | 2420 | 2431 | rBV  | 80976  | 185663 | 35.65% | 4.412% |

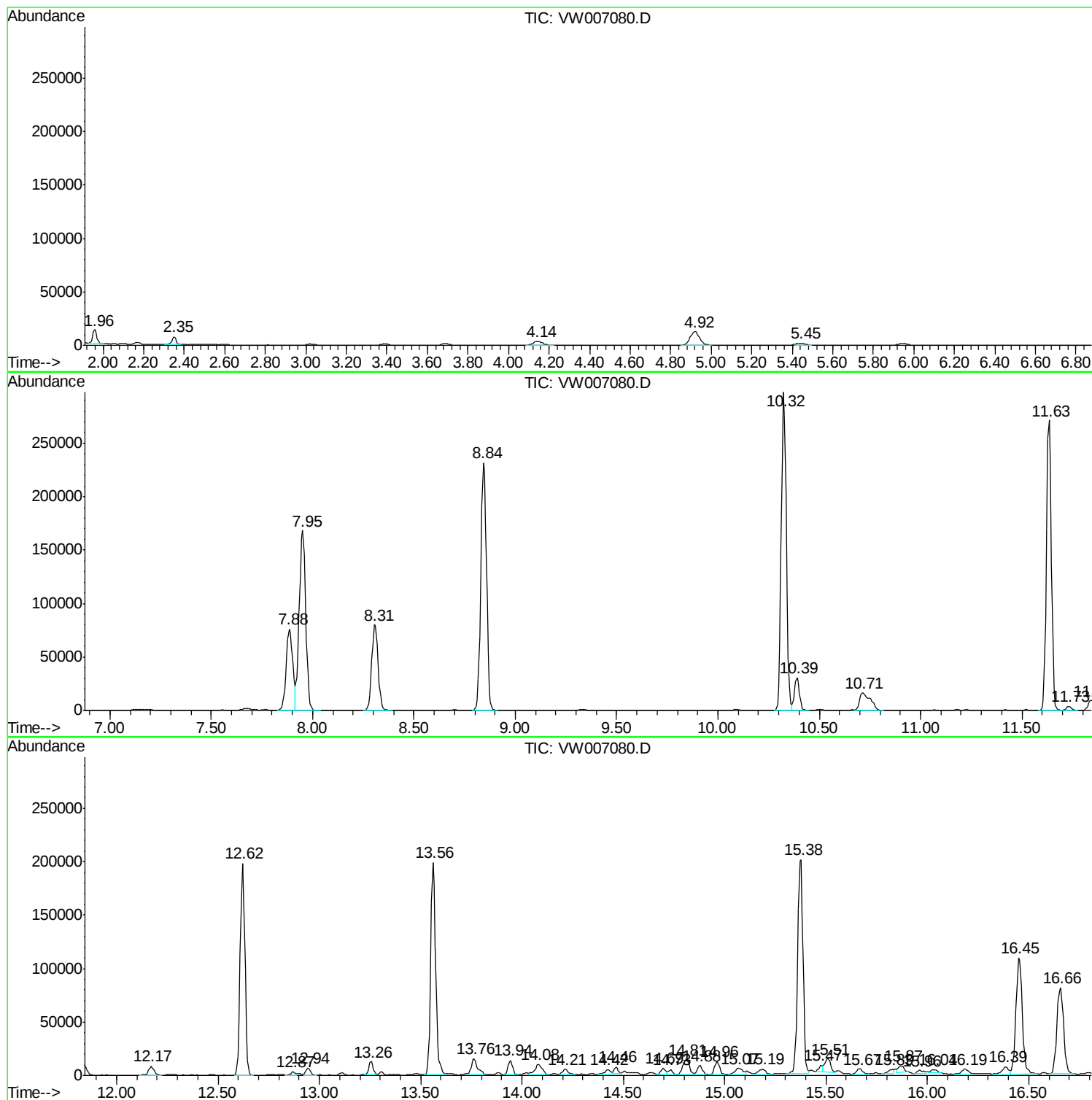
Sum of corrected areas: 4208045

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
Quant Title : SW846 8260

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



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ALS Vial : 50 Sample Multiplier: 1

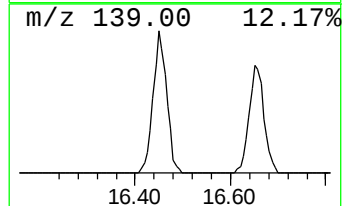
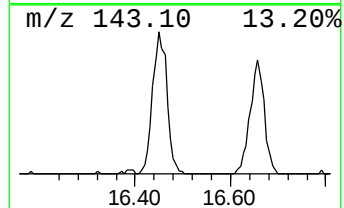
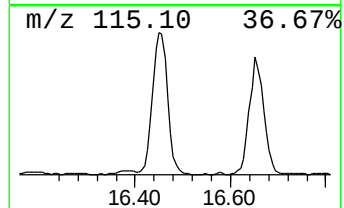
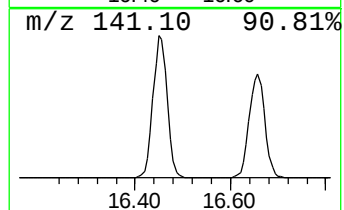
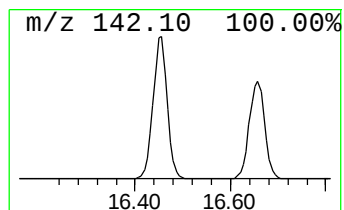
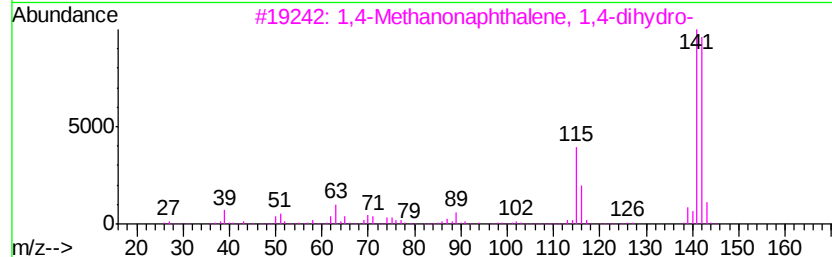
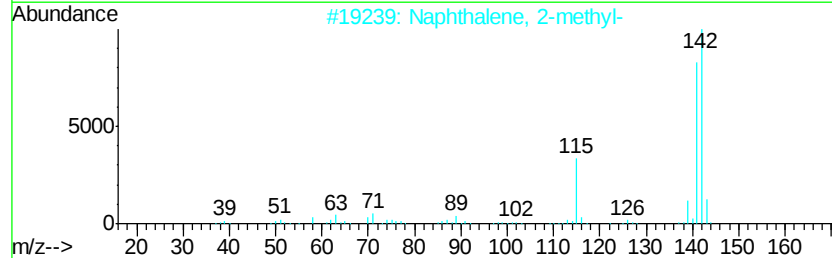
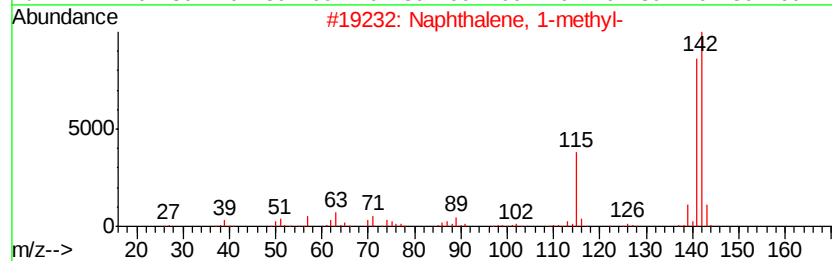
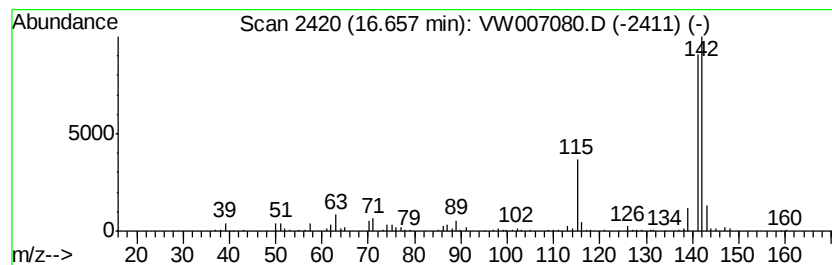
Instrument :  
MSVOA\_W  
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SU-03-112118-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
Quant Title : SW846 8260

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

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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 16.66   | 27.53 ug/l | 185663                              | 1,4-Dichlorobenzene-d4 | 13.56          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | 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-dihy... | 142 C11H10             | 004453-90-1 94 |
| 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 91 |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Naphthalene, 1-me... | 16.66 | 27.5    | ug/l  | 185663   | 4                     | 13.56 | 337243 | 50.0 |