

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\  
 Data File : VD059426.D  
 Acq On : 26 Jun 2018 16:24  
 Operator : VA/AP  
 Sample : J3241-15  
 Misc : 5.86g/5ml/MSVOA D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 HR-06-062218-B

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\82D062518S.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         | 1.217       | 93            | 101         | 103          | rBV      | 889561         | 1882750       | 59.25%          | 9.378%        |
| 2         | 1.267       | 103           | 106         | 123          | rVB      | 923282         | 3177504       | 100.00%         | 15.828%       |
| 3         | 1.818       | 159           | 162         | 168          | rVB      | 24278          | 51946         | 1.63%           | 0.259%        |
| 4         | 2.605       | 234           | 242         | 248          | rBV2     | 32683          | 105908        | 3.33%           | 0.528%        |
| 5         | 3.068       | 282           | 289         | 297          | rVB      | 28890          | 82886         | 2.61%           | 0.413%        |
| 6         | 4.830       | 458           | 468         | 476          | rBV      | 16081          | 54467         | 1.71%           | 0.271%        |
| 7         | 5.529       | 534           | 539         | 544          | rBV      | 352862         | 982876        | 30.93%          | 4.896%        |
| 8         | 5.628       | 544           | 549         | 567          | rVB      | 627940         | 1829243       | 57.57%          | 9.112%        |
| 9         | 6.002       | 581           | 587         | 600          | rBV      | 267437         | 739151        | 23.26%          | 3.682%        |
| 10        | 6.671       | 650           | 655         | 667          | rBV      | 771921         | 2031441       | 63.93%          | 10.119%       |
| 11        | 8.689       | 855           | 860         | 873          | rBV      | 448854         | 1028433       | 32.37%          | 5.123%        |
| 12        | 9.467       | 933           | 939         | 948          | rBV      | 11308          | 31795         | 1.00%           | 0.158%        |
| 13        | 10.678      | 1057          | 1062        | 1076         | rBV      | 981352         | 1698043       | 53.44%          | 8.458%        |
| 14        | 11.662      | 1156          | 1162        | 1169         | rBV3     | 22706          | 69909         | 2.20%           | 0.348%        |
| 15        | 11.918      | 1185          | 1188        | 1192         | rBV      | 904502         | 1297762       | 40.84%          | 6.464%        |
| 16        | 12.076      | 1197          | 1204        | 1212         | rVB3     | 53392          | 119456        | 3.76%           | 0.595%        |
| 17        | 12.184      | 1212          | 1215        | 1220         | rBV5     | 12839          | 37782         | 1.19%           | 0.188%        |
| 18        | 12.263      | 1220          | 1223        | 1224         | rBV      | 22016          | 35013         | 1.10%           | 0.174%        |
| 19        | 12.302      | 1224          | 1227        | 1229         | rVV3     | 22394          | 36044         | 1.13%           | 0.180%        |
| 20        | 12.499      | 1239          | 1247        | 1251         | rBV6     | 22638          | 64345         | 2.03%           | 0.321%        |
| 21        | 12.824      | 1277          | 1280        | 1282         | rBV2     | 24933          | 41468         | 1.31%           | 0.207%        |
| 22        | 12.893      | 1284          | 1287        | 1291         | rVV      | 1181229        | 1797215       | 56.56%          | 8.952%        |
| 23        | 13.021      | 1295          | 1300        | 1303         | rVB4     | 18807          | 51430         | 1.62%           | 0.256%        |
| 24        | 13.188      | 1312          | 1317        | 1321         | rBV2     | 98973          | 209812        | 6.60%           | 1.045%        |
| 25        | 13.296      | 1325          | 1328        | 1330         | rBV2     | 26505          | 47621         | 1.50%           | 0.237%        |
| 26        | 13.415      | 1335          | 1340        | 1341         | rBV5     | 17230          | 47986         | 1.51%           | 0.239%        |
| 27        | 13.444      | 1341          | 1343        | 1345         | rVB      | 64248          | 74871         | 2.36%           | 0.373%        |
| 28        | 13.542      | 1348          | 1353        | 1356         | rBV4     | 62233          | 168258        | 5.30%           | 0.838%        |
| 29        | 13.611      | 1356          | 1360        | 1362         | rBV4     | 51952          | 74794         | 2.35%           | 0.373%        |
| 30        | 13.661      | 1362          | 1365        | 1368         | rBV3     | 82791          | 139540        | 4.39%           | 0.695%        |
| 31        | 13.730      | 1371          | 1372        | 1374         | rVB      | 31687          | 35018         | 1.10%           | 0.174%        |
| 32        | 13.769      | 1374          | 1376        | 1378         | rVB2     | 27385          | 34294         | 1.08%           | 0.171%        |
| 33        | 13.818      | 1378          | 1381        | 1384         | rBV2     | 91648          | 168420        | 5.30%           | 0.839%        |
| 34        | 13.867      | 1384          | 1386        | 1389         | rVB2     | 45151          | 84953         | 2.67%           | 0.423%        |

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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
HR-06-062218-B

## 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\82D062518S.M  
Title : SW846 8260

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 35 | 13.917 | 1389 | 1391 | 1393 | rVB3 | 39288 | 50179  | 1.58% | 0.250% |
| 36 | 14.054 | 1403 | 1405 | 1408 | rVV2 | 61562 | 113281 | 3.57% | 0.564% |
| 37 | 14.094 | 1408 | 1409 | 1411 | rVB  | 59856 | 54152  | 1.70% | 0.270% |
| 38 | 14.133 | 1411 | 1413 | 1415 | rBV  | 52365 | 58851  | 1.85% | 0.293% |
| 39 | 14.182 | 1415 | 1418 | 1422 | rBV4 | 68272 | 132730 | 4.18% | 0.661% |
| 40 | 14.310 | 1427 | 1431 | 1434 | rBV2 | 57721 | 138990 | 4.37% | 0.692% |
| 41 | 14.379 | 1434 | 1438 | 1441 | rVB5 | 54364 | 153295 | 4.82% | 0.764% |
| 42 | 14.428 | 1441 | 1443 | 1445 | rBV2 | 22888 | 34530  | 1.09% | 0.172% |
| 43 | 14.458 | 1445 | 1446 | 1448 | rVB  | 40424 | 38387  | 1.21% | 0.191% |
| 44 | 14.497 | 1448 | 1450 | 1453 | rBV2 | 36091 | 54224  | 1.71% | 0.270% |
| 45 | 14.566 | 1453 | 1457 | 1459 | rVB2 | 50508 | 82936  | 2.61% | 0.413% |
| 46 | 14.616 | 1459 | 1462 | 1465 | rBV2 | 84729 | 136807 | 4.31% | 0.681% |
| 47 | 14.862 | 1484 | 1487 | 1489 | rBV2 | 57444 | 96602  | 3.04% | 0.481% |
| 48 | 14.950 | 1494 | 1496 | 1499 | rVV3 | 44131 | 73237  | 2.30% | 0.365% |
| 49 | 14.999 | 1499 | 1501 | 1503 | rVV  | 42549 | 69120  | 2.18% | 0.344% |
| 50 | 15.029 | 1503 | 1504 | 1508 | rVV3 | 34120 | 41880  | 1.32% | 0.209% |
| 51 | 15.088 | 1508 | 1510 | 1513 | rVV2 | 77663 | 103613 | 3.26% | 0.516% |
| 52 | 15.226 | 1520 | 1524 | 1526 | rBV2 | 56927 | 96314  | 3.03% | 0.480% |
| 53 | 15.265 | 1526 | 1528 | 1530 | rVV2 | 41357 | 54795  | 1.72% | 0.273% |
| 54 | 15.305 | 1530 | 1532 | 1536 | rVB3 | 23189 | 33624  | 1.06% | 0.167% |
| 55 | 15.383 | 1536 | 1540 | 1543 | rBV4 | 38418 | 80502  | 2.53% | 0.401% |
| 56 | 15.482 | 1546 | 1550 | 1552 | rVB4 | 25361 | 44918  | 1.41% | 0.224% |

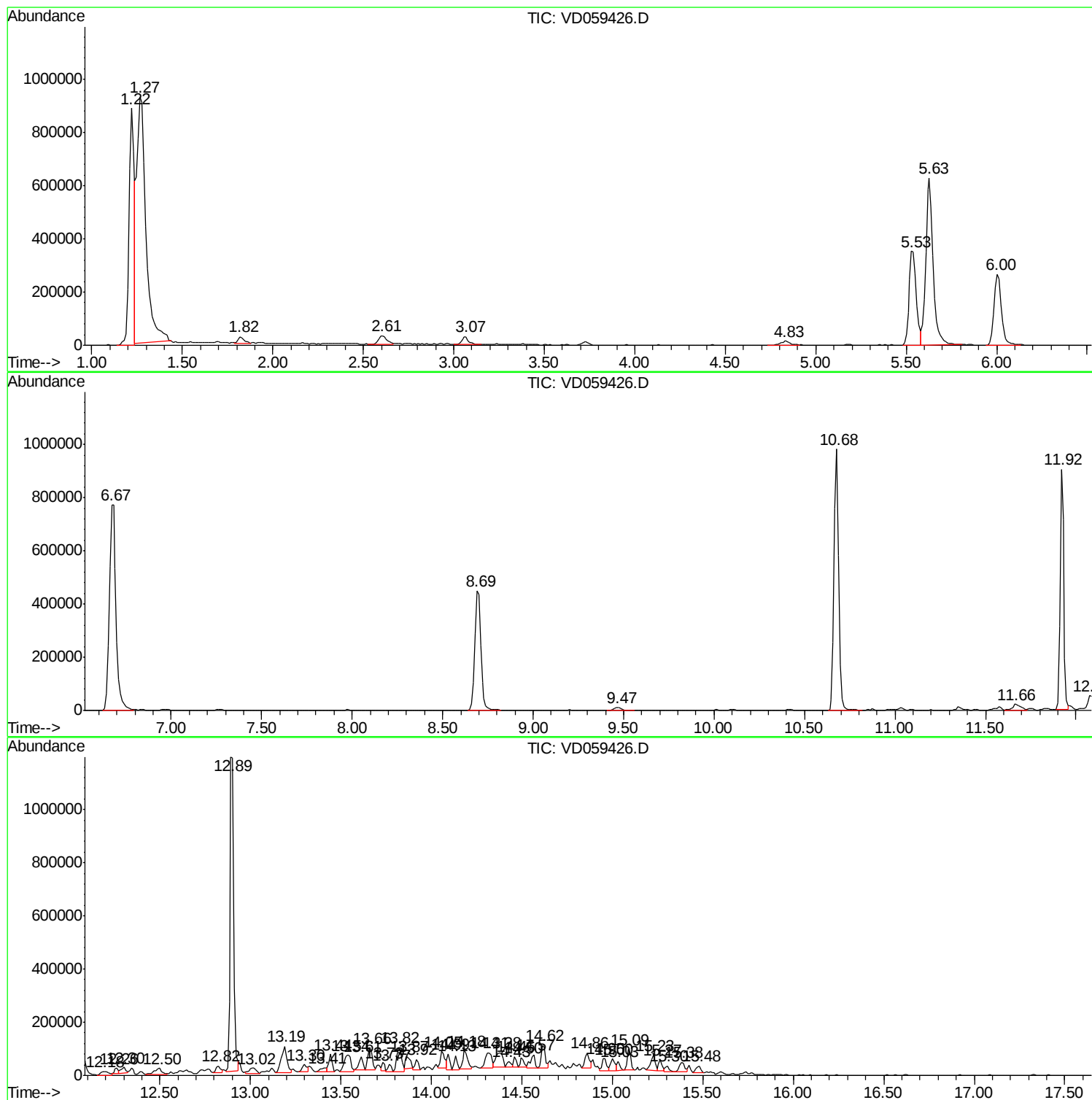
Sum of corrected areas: 20075401

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D062518S.M  
Quant Title : SW846 8260

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



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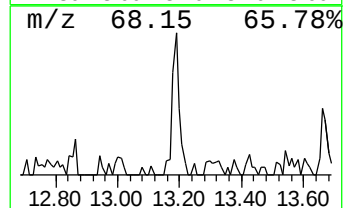
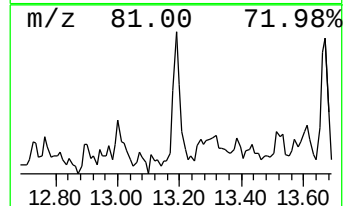
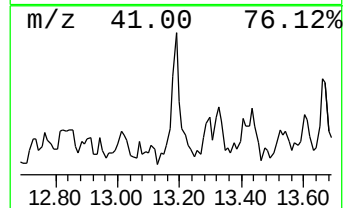
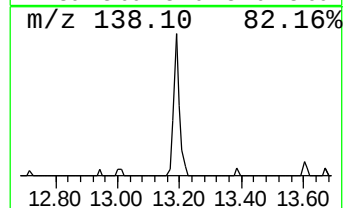
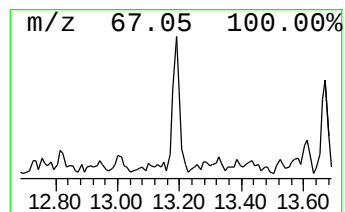
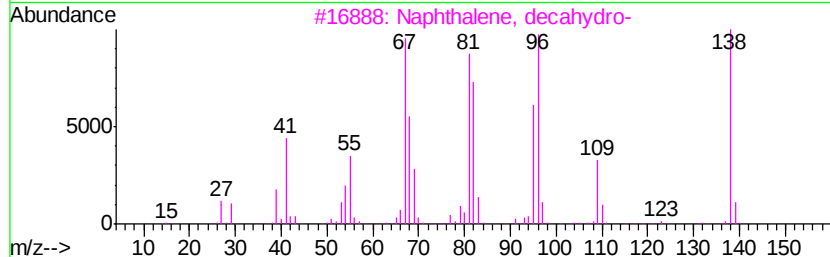
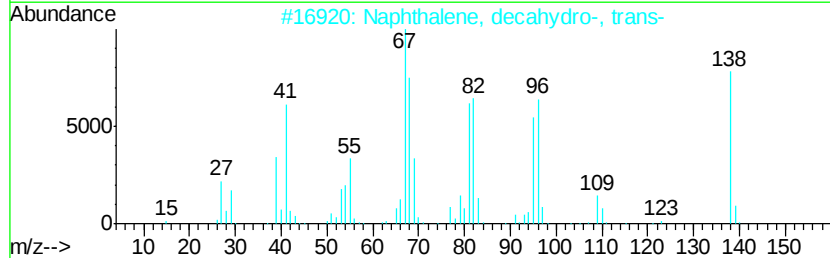
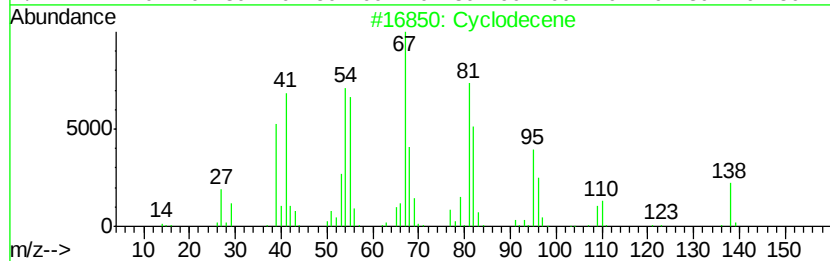
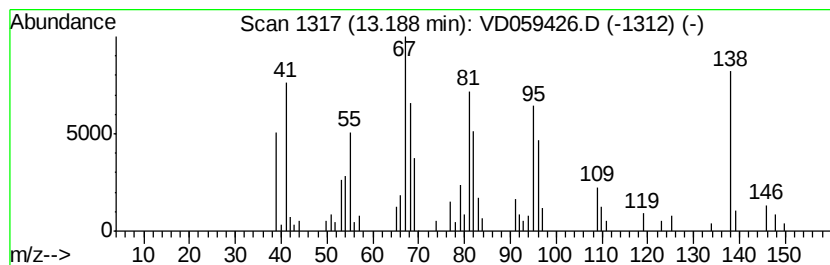
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Cyclodecene Concentration Rank 3

| R.T.    | EstConc   | Area                            | Relative to ISTD       | R.T.           |
|---------|-----------|---------------------------------|------------------------|----------------|
| 13.19   | 5.84 ug/l | 209812                          | 1,4-Dichlorobenzene-d4 | 12.90          |
| Hit# of | 5         | Tentative ID                    | MW MolForm             | CAS# Qual      |
| 1       |           | Cyclodecene                     | 138 C10H18             | 003618-12-0 91 |
| 2       |           | Naphthalene, decahydro-, trans- | 138 C10H18             | 000493-02-7 90 |
| 3       |           | Naphthalene, decahydro-         | 138 C10H18             | 000091-17-8 87 |
| 4       |           | Naphthalene, decahydro-, cis-   | 138 C10H18             | 000493-01-6 86 |
| 5       |           | 4-Isopropenylcyclohexanone      | 138 C9H14O             | 022460-53-3 83 |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| Cyclodecene      | 13.19 | 5.8     | ug/l  | 209812   | 4                     | 12.90 | 1797220 | 50.0 |