

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102918\  
 Data File : VD060233.D  
 Acq On : 29 Oct 2018 17:09  
 Operator : VA/AP  
 Sample : J5639-09  
 Misc : 7.91g/5ml/MSVOA D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 BS-SOIL-3

## 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\82D100118S.M  
 Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.856    | 30         | 34       | 45        | rVB2  | 23801       | 76533      | 1.94%        | 0.261%     |
| 2      | 2.191    | 64         | 68       | 74        | rBV   | 37605       | 78980      | 2.01%        | 0.270%     |
| 3      | 3.165    | 159        | 167      | 178       | rBV   | 29683       | 98141      | 2.49%        | 0.335%     |
| 4      | 3.736    | 219        | 225      | 241       | rBV   | 255301      | 747396     | 18.99%       | 2.553%     |
| 5      | 5.655    | 410        | 420      | 430       | rBV3  | 20336       | 79839      | 2.03%        | 0.273%     |
| 6      | 6.334    | 483        | 489      | 493       | rBV   | 787551      | 2002991    | 50.90%       | 6.841%     |
| 7      | 6.422    | 493        | 498      | 517       | rVB   | 1034770     | 2848130    | 72.38%       | 9.727%     |
| 8      | 6.796    | 530        | 536      | 547       | rBV   | 673766      | 1700817    | 43.22%       | 5.809%     |
| 9      | 7.455    | 597        | 603      | 620       | rBV   | 1638490     | 3934994    | 100.00%      | 13.439%    |
| 10     | 9.463    | 802        | 807      | 814       | rBV   | 1688839     | 3891453    | 98.89%       | 13.291%    |
| 11     | 9.561    | 814        | 817      | 822       | rVB   | 30900       | 71608      | 1.82%        | 0.245%     |
| 12     | 10.201   | 877        | 882      | 888       | rBV   | 99587       | 245393     | 6.24%        | 0.838%     |
| 13     | 11.293   | 989        | 993      | 1006      | rBV   | 2452553     | 3861932    | 98.14%       | 13.190%    |
| 14     | 12.277   | 1089       | 1093     | 1096      | rBV   | 39090       | 55695      | 1.42%        | 0.190%     |
| 15     | 12.435   | 1105       | 1109     | 1116      | rBV   | 2066749     | 2845413    | 72.31%       | 9.718%     |
| 16     | 12.573   | 1120       | 1123     | 1129      | rVB   | 36612       | 70060      | 1.78%        | 0.239%     |
| 17     | 13.380   | 1202       | 1205     | 1215      | rVB   | 2402067     | 3056034    | 77.66%       | 10.437%    |
| 18     | 13.567   | 1222       | 1224     | 1228      | rVB2  | 35624       | 61500      | 1.56%        | 0.210%     |
| 19     | 13.675   | 1229       | 1235     | 1239      | rBV4  | 24020       | 58602      | 1.49%        | 0.200%     |
| 20     | 13.970   | 1262       | 1265     | 1268      | rVV3  | 22767       | 44898      | 1.14%        | 0.153%     |
| 21     | 14.285   | 1293       | 1297     | 1299      | rBV5  | 33098       | 56728      | 1.44%        | 0.194%     |
| 22     | 14.521   | 1319       | 1321     | 1326      | rVB4  | 53695       | 98743      | 2.51%        | 0.337%     |
| 23     | 14.590   | 1326       | 1328     | 1331      | rBV   | 117172      | 172377     | 4.38%        | 0.589%     |
| 24     | 14.649   | 1331       | 1334     | 1337      | rVB4  | 43402       | 73387      | 1.86%        | 0.251%     |
| 25     | 14.757   | 1339       | 1345     | 1346      | rBV2  | 34664       | 81376      | 2.07%        | 0.278%     |
| 26     | 14.846   | 1351       | 1354     | 1356      | rBV2  | 61138       | 92592      | 2.35%        | 0.316%     |
| 27     | 14.895   | 1356       | 1359     | 1363      | rVB5  | 60946       | 126168     | 3.21%        | 0.431%     |
| 28     | 14.994   | 1365       | 1369     | 1371      | rBV2  | 210029      | 307472     | 7.81%        | 1.050%     |
| 29     | 15.072   | 1374       | 1377     | 1380      | rBV4  | 79405       | 136620     | 3.47%        | 0.467%     |
| 30     | 15.210   | 1388       | 1391     | 1393      | rBV2  | 92831       | 141358     | 3.59%        | 0.483%     |
| 31     | 15.269   | 1395       | 1397     | 1400      | rVB3  | 60481       | 81601      | 2.07%        | 0.279%     |
| 32     | 15.328   | 1400       | 1403     | 1405      | rBV4  | 109156      | 190310     | 4.84%        | 0.650%     |
| 33     | 15.427   | 1410       | 1413     | 1416      | rVV2  | 110058      | 234588     | 5.96%        | 0.801%     |
| 34     | 15.476   | 1416       | 1418     | 1421      | rVV2  | 129817      | 247360     | 6.29%        | 0.845%     |

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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
BS-SOIL-3

## 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\_D\METHOD\82D100118S.M  
Title : SW846 8260

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 35 | 15.584 | 1425 | 1429 | 1432 | rVV2 | 138701 | 286345 | 7.28% | 0.978% |
| 36 | 15.633 | 1432 | 1434 | 1438 | rVV4 | 57787  | 130242 | 3.31% | 0.445% |
| 37 | 15.692 | 1438 | 1440 | 1442 | rVV2 | 96442  | 168549 | 4.28% | 0.576% |
| 38 | 15.732 | 1442 | 1444 | 1446 | rVV  | 89458  | 143042 | 3.64% | 0.489% |
| 39 | 15.771 | 1446 | 1448 | 1451 | rVB3 | 79637  | 114539 | 2.91% | 0.391% |
| 40 | 15.919 | 1460 | 1463 | 1465 | rVV  | 134449 | 218352 | 5.55% | 0.746% |
| 41 | 15.958 | 1465 | 1467 | 1469 | rVB3 | 29574  | 42169  | 1.07% | 0.144% |
| 42 | 15.997 | 1469 | 1471 | 1478 | rVV7 | 28883  | 85592  | 2.18% | 0.292% |
| 43 | 16.115 | 1480 | 1483 | 1487 | rVV3 | 56403  | 105900 | 2.69% | 0.362% |
| 44 | 16.174 | 1487 | 1489 | 1493 | rVB3 | 26705  | 53411  | 1.36% | 0.182% |
| 45 | 16.322 | 1501 | 1504 | 1509 | rVB2 | 26030  | 60267  | 1.53% | 0.206% |

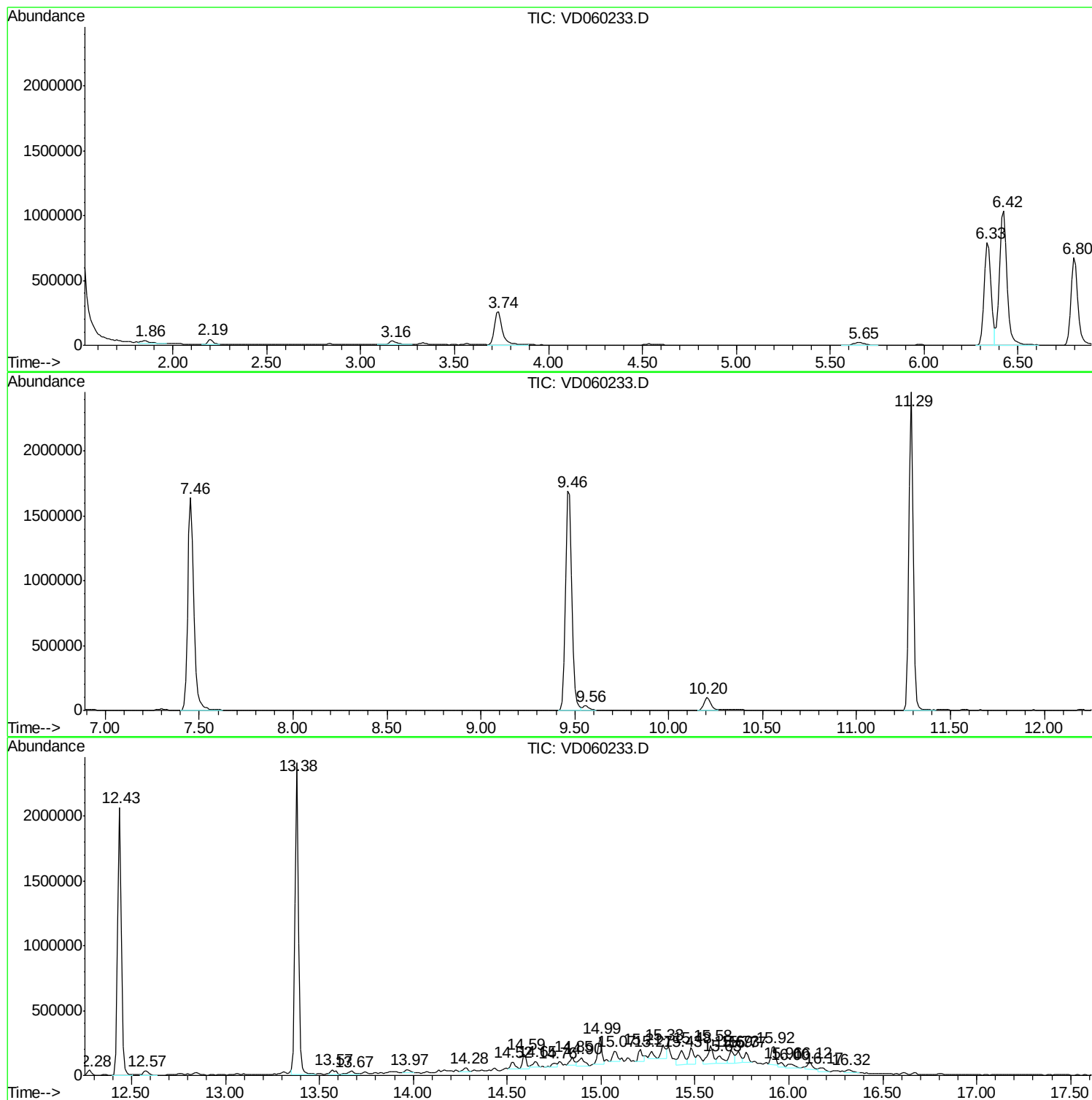
Sum of corrected areas: 29279497

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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampled :  
BS-SOIL-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D100118S.M  
Quant Title : SW846 8260

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



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ALS Vial : 8 Sample Multiplier: 1

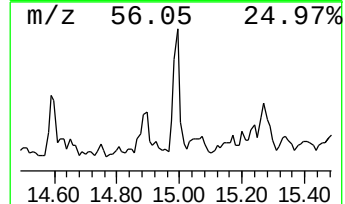
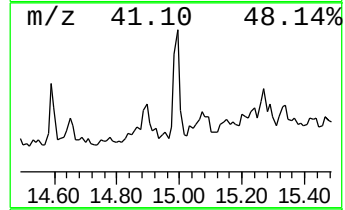
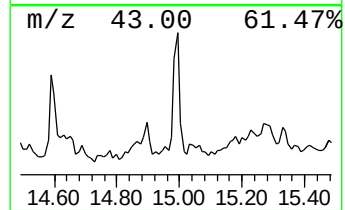
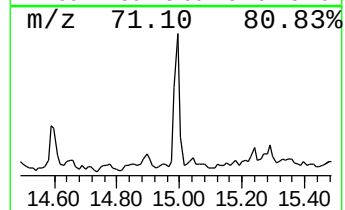
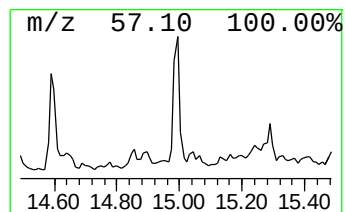
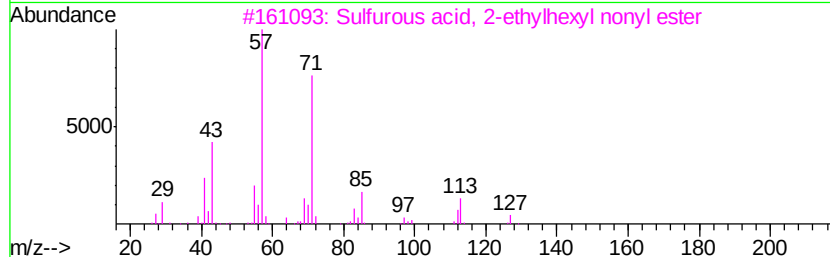
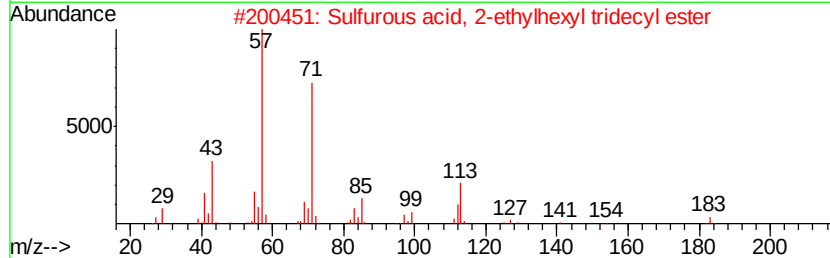
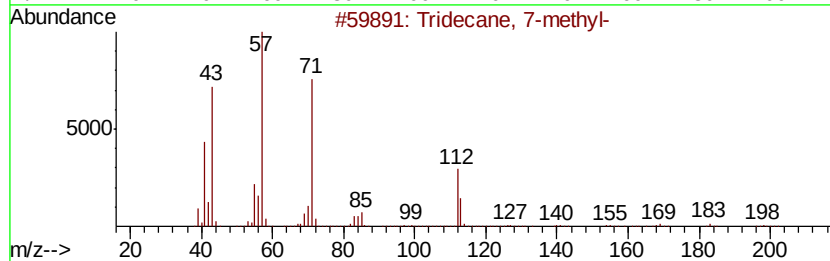
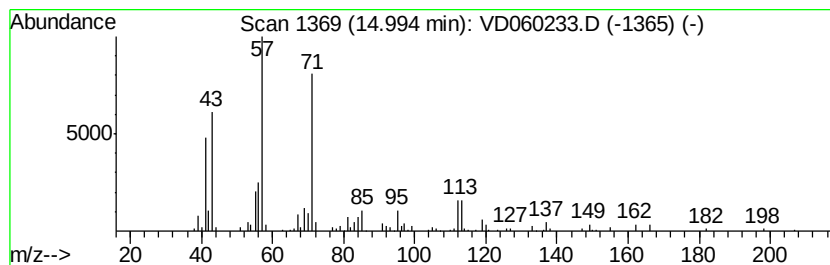
Instrument :  
MSVOA\_D  
ClientSampleId :  
BS-SOIL-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D100118S.M  
Quant Title : SW846 8260

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

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Peak Number 1 Tridecane, 7-methyl- Concentration Rank 1

| R.T.    | EstConc   | Area                                | Relative to ISTD       | R.T.            |
|---------|-----------|-------------------------------------|------------------------|-----------------|
| 14.99   | 5.03 ug/l | 307472                              | 1,4-Dichlorobenzene-d4 | 13.38           |
| Hit# of | 5         | Tentative ID                        | MW MolForm             | CAS# Qual       |
| 1       |           | Tridecane, 7-methyl-                | 198 C14H30             | 026730-14-3 76  |
| 2       |           | Sulfurous acid, 2-ethylhexyl tri... | 376 C21H44O3S          | 1000309-19-6 59 |
| 3       |           | Sulfurous acid, 2-ethylhexyl non... | 320 C17H36O3S          | 1000309-19-2 53 |
| 4       |           | Pentadecane, 7-methyl-              | 226 C16H34             | 006165-40-8 53  |
| 5       |           | Butane, 2,2-dimethyl-               | 86 C6H14               | 000075-83-2 53  |



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ALS Vial : 8 Sample Multiplier: 1

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MSV0A\_D  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | ---Internal Standard--- |       |         |      |
|----------------------|-------|---------|-------|----------|-------------------------|-------|---------|------|
|                      |       |         |       |          | #                       | RT    | Resp    | Conc |
| Tridecane, 7-methyl- | 14.99 | 5.0     | ug/l  | 307472   | 4                       | 13.38 | 3056030 | 50.0 |