

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV032719\  
 Data File : VV009935.D  
 Acq On : 27 Mar 2019 18:20  
 Operator : SY/MD  
 Sample : K2085-14  
 Misc : 5.19G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF7T9

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % 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\_V\METHOD\SOM2VLM032619S.M  
 Title : VOC Analysis

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         | 1.319       | 66            | 71          | 78           | rVB      | 92195          | 84229         | 19.89%          | 2.629%        |
| 2         | 1.573       | 144           | 150         | 158          | rVB      | 89948          | 102427        | 24.19%          | 3.198%        |
| 3         | 2.126       | 314           | 322         | 339          | rVB      | 219593         | 340799        | 80.49%          | 10.639%       |
| 4         | 2.534       | 439           | 449         | 465          | rBV3     | 16036          | 27799         | 6.57%           | 0.868%        |
| 5         | 2.669       | 488           | 491         | 495          | rVB2     | 993            | 786           | 0.19%           | 0.025%        |
| 6         | 2.766       | 516           | 521         | 522          | rBV      | 1119           | 924           | 0.22%           | 0.029%        |
| 7         | 2.878       | 553           | 556         | 561          | rBV2     | 1410           | 1479          | 0.35%           | 0.046%        |
| 8         | 2.913       | 561           | 567         | 570          | rBV3     | 2113           | 2040          | 0.48%           | 0.064%        |
| 9         | 2.978       | 583           | 587         | 590          | rBV2     | 933            | 761           | 0.18%           | 0.024%        |
| 10        | 3.354       | 700           | 704         | 707          | rBV3     | 900            | 811           | 0.19%           | 0.025%        |
| 11        | 3.399       | 714           | 718         | 719          | rBV2     | 1490           | 969           | 0.23%           | 0.030%        |
| 12        | 3.457       | 732           | 736         | 739          | rBV2     | 1609           | 1673          | 0.40%           | 0.052%        |
| 13        | 3.926       | 873           | 882         | 897          | rBV2     | 12522          | 32503         | 7.68%           | 1.015%        |
| 14        | 4.042       | 915           | 918         | 920          | rBV3     | 1036           | 695           | 0.16%           | 0.022%        |
| 15        | 4.238       | 976           | 979         | 982          | rBV      | 937            | 850           | 0.20%           | 0.027%        |
| 16        | 4.299       | 996           | 998         | 1003         | rVV3     | 974            | 861           | 0.20%           | 0.027%        |
| 17        | 4.399       | 1015          | 1029        | 1047         | rBV3     | 65419          | 169402        | 40.01%          | 5.288%        |
| 18        | 4.704       | 1122          | 1124        | 1126         | rBV2     | 1341           | 683           | 0.16%           | 0.021%        |
| 19        | 4.868       | 1169          | 1175        | 1178         | rBV3     | 1021           | 1156          | 0.27%           | 0.036%        |
| 20        | 4.923       | 1189          | 1192        | 1195         | rBV2     | 1216           | 939           | 0.22%           | 0.029%        |
| 21        | 5.000       | 1211          | 1216        | 1218         | rBV      | 1581           | 1383          | 0.33%           | 0.043%        |
| 22        | 5.093       | 1228          | 1245        | 1267         | rBV3     | 167453         | 423380        | 100.00%         | 13.217%       |
| 23        | 5.415       | 1343          | 1345        | 1348         | rBV      | 1240           | 878           | 0.21%           | 0.027%        |
| 24        | 5.521       | 1374          | 1378        | 1381         | rBV      | 1575           | 1098          | 0.26%           | 0.034%        |
| 25        | 5.540       | 1381          | 1384        | 1386         | rBV2     | 1012           | 717           | 0.17%           | 0.022%        |
| 26        | 5.621       | 1404          | 1409        | 1410         | rBV      | 1095           | 946           | 0.22%           | 0.030%        |
| 27        | 5.663       | 1410          | 1422        | 1441         | rVV      | 125735         | 251691        | 59.45%          | 7.857%        |
| 28        | 5.862       | 1481          | 1484        | 1485         | rBV2     | 1293           | 726           | 0.17%           | 0.023%        |
| 29        | 6.036       | 1534          | 1538        | 1541         | rBV3     | 1427           | 1248          | 0.29%           | 0.039%        |
| 30        | 6.116       | 1552          | 1563        | 1579         | rBV      | 99132          | 191911        | 45.33%          | 5.991%        |
| 31        | 6.306       | 1620          | 1622        | 1628         | rVB2     | 1195           | 1065          | 0.25%           | 0.033%        |
| 32        | 6.495       | 1678          | 1681        | 1685         | rVB2     | 999            | 774           | 0.18%           | 0.024%        |
| 33        | 6.553       | 1695          | 1699        | 1703         | rVB2     | 1221           | 934           | 0.22%           | 0.029%        |
| 34        | 6.611       | 1714          | 1717        | 1723         | rVB      | 1435           | 1185          | 0.28%           | 0.037%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV032719\  
 Data File : VV009935.D  
 Acq On : 27 Mar 2019 18:20  
 Operator : SY/MD  
 Sample : K2085-14  
 Misc : 5.19G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF7T9

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % 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\_V\METHOD\SOM2VLM032619S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.640  | 1723 | 1726 | 1728 | rBV  | 1414   | 952    | 0.22%  | 0.030%  |
| 36 | 6.736  | 1753 | 1756 | 1762 | rVB3 | 931    | 998    | 0.24%  | 0.031%  |
| 37 | 6.904  | 1805 | 1808 | 1811 | rVB2 | 1442   | 902    | 0.21%  | 0.028%  |
| 38 | 6.949  | 1816 | 1822 | 1827 | rVB  | 1044   | 1356   | 0.32%  | 0.042%  |
| 39 | 6.978  | 1827 | 1831 | 1834 | rBV  | 1525   | 1467   | 0.35%  | 0.046%  |
| 40 | 7.029  | 1836 | 1847 | 1862 | rBV2 | 38617  | 68201  | 16.11% | 2.129%  |
| 41 | 7.135  | 1876 | 1880 | 1883 | rBV3 | 1098   | 758    | 0.18%  | 0.024%  |
| 42 | 7.193  | 1896 | 1898 | 1903 | rBV2 | 868    | 747    | 0.18%  | 0.023%  |
| 43 | 7.241  | 1908 | 1913 | 1915 | rBV2 | 1095   | 977    | 0.23%  | 0.030%  |
| 44 | 7.309  | 1926 | 1934 | 1937 | rBV4 | 1971   | 2609   | 0.62%  | 0.081%  |
| 45 | 7.360  | 1939 | 1950 | 1964 | rVV  | 182706 | 317858 | 75.08% | 9.923%  |
| 46 | 7.524  | 1997 | 2001 | 2005 | rBV3 | 1533   | 1160   | 0.27%  | 0.036%  |
| 47 | 7.662  | 2037 | 2044 | 2058 | rVB2 | 23451  | 37977  | 8.97%  | 1.186%  |
| 48 | 7.765  | 2072 | 2076 | 2080 | rBV  | 2089   | 1806   | 0.43%  | 0.056%  |
| 49 | 7.817  | 2089 | 2092 | 2095 | rVB3 | 1234   | 788    | 0.19%  | 0.025%  |
| 50 | 7.968  | 2135 | 2139 | 2142 | rBV3 | 2347   | 2195   | 0.52%  | 0.069%  |
| 51 | 8.035  | 2154 | 2160 | 2164 | rBV3 | 1943   | 1881   | 0.44%  | 0.059%  |
| 52 | 8.058  | 2164 | 2167 | 2171 | rVV2 | 1208   | 889    | 0.21%  | 0.028%  |
| 53 | 8.132  | 2180 | 2190 | 2205 | rBV  | 39927  | 75776  | 17.90% | 2.366%  |
| 54 | 8.267  | 2229 | 2232 | 2239 | rBV5 | 1672   | 1703   | 0.40%  | 0.053%  |
| 55 | 8.463  | 2286 | 2293 | 2295 | rBV2 | 1510   | 1454   | 0.34%  | 0.045%  |
| 56 | 8.601  | 2333 | 2336 | 2341 | rBV  | 1118   | 963    | 0.23%  | 0.030%  |
| 57 | 8.678  | 2358 | 2360 | 2363 | rBV  | 1394   | 862    | 0.20%  | 0.027%  |
| 58 | 8.781  | 2387 | 2392 | 2398 | rVV2 | 1317   | 1636   | 0.39%  | 0.051%  |
| 59 | 8.897  | 2416 | 2428 | 2446 | rBV  | 200978 | 340378 | 80.40% | 10.626% |
| 60 | 9.251  | 2532 | 2538 | 2542 | rBV2 | 1040   | 1307   | 0.31%  | 0.041%  |
| 61 | 9.328  | 2557 | 2562 | 2564 | rBV  | 1133   | 848    | 0.20%  | 0.026%  |
| 62 | 9.572  | 2635 | 2638 | 2642 | rBV4 | 2176   | 1837   | 0.43%  | 0.057%  |
| 63 | 9.666  | 2663 | 2667 | 2669 | rBV  | 887    | 688    | 0.16%  | 0.021%  |
| 64 | 9.698  | 2673 | 2677 | 2681 | rBV3 | 1021   | 1162   | 0.27%  | 0.036%  |
| 65 | 9.939  | 2750 | 2752 | 2756 | rVV2 | 1092   | 663    | 0.16%  | 0.021%  |
| 66 | 10.035 | 2779 | 2782 | 2786 | rBV2 | 1108   | 872    | 0.21%  | 0.027%  |
| 67 | 10.260 | 2842 | 2852 | 2867 | rBV2 | 81142  | 130078 | 30.72% | 4.061%  |
| 68 | 10.669 | 2975 | 2979 | 2982 | rBV2 | 1337   | 1241   | 0.29%  | 0.039%  |
| 69 | 10.797 | 3017 | 3019 | 3025 | rVV3 | 999    | 690    | 0.16%  | 0.022%  |
| 70 | 10.823 | 3025 | 3027 | 3033 | rVB3 | 940    | 865    | 0.20%  | 0.027%  |
| 71 | 11.039 | 3091 | 3094 | 3097 | rBV2 | 1034   | 999    | 0.24%  | 0.031%  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV032719\  
 Data File : VV009935.D  
 Acq On : 27 Mar 2019 18:20  
 Operator : SY/MD  
 Sample : K2085-14  
 Misc : 5.19G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF7T9

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % 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\_V\METHOD\SOM2VLM032619S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 11.299 | 3163 | 3175 | 3191 | rBV  | 150955 | 258588 | 61.08% | 8.073% |
| 73  | 11.412 | 3208 | 3210 | 3212 | rBV2 | 1190   | 775    | 0.18%  | 0.024% |
| 74  | 11.473 | 3225 | 3229 | 3234 | rBV2 | 2067   | 2064   | 0.49%  | 0.064% |
| 75  | 11.579 | 3258 | 3262 | 3264 | rBV2 | 1358   | 960    | 0.23%  | 0.030% |
| 76  | 11.672 | 3281 | 3291 | 3306 | rVB  | 155122 | 258329 | 61.02% | 8.064% |
| 77  | 12.000 | 3391 | 3393 | 3396 | rBV2 | 1083   | 868    | 0.21%  | 0.027% |
| 78  | 12.061 | 3409 | 3412 | 3413 | rBV2 | 1024   | 683    | 0.16%  | 0.021% |
| 79  | 12.293 | 3479 | 3484 | 3492 | rVB5 | 2394   | 2927   | 0.69%  | 0.091% |
| 80  | 12.598 | 3576 | 3579 | 3581 | rBV2 | 1250   | 703    | 0.17%  | 0.022% |
| 81  | 12.772 | 3630 | 3633 | 3637 | rBV2 | 910    | 851    | 0.20%  | 0.027% |
| 82  | 12.913 | 3672 | 3677 | 3679 | rBV2 | 870    | 869    | 0.21%  | 0.027% |
| 83  | 13.270 | 3785 | 3788 | 3791 | rBV2 | 1218   | 1011   | 0.24%  | 0.032% |
| 84  | 13.344 | 3805 | 3811 | 3815 | rBV2 | 1372   | 1747   | 0.41%  | 0.055% |
| 85  | 14.003 | 4012 | 4016 | 4021 | rBV2 | 1173   | 791    | 0.19%  | 0.025% |
| 86  | 14.321 | 4113 | 4115 | 4122 | rBV3 | 997    | 946    | 0.22%  | 0.030% |
| 87  | 14.524 | 4175 | 4178 | 4183 | rBV3 | 714    | 749    | 0.18%  | 0.023% |
| 88  | 14.665 | 4220 | 4222 | 4225 | rBV  | 1194   | 799    | 0.19%  | 0.025% |
| 89  | 14.752 | 4244 | 4249 | 4252 | rVV4 | 928    | 869    | 0.21%  | 0.027% |
| 90  | 14.958 | 4308 | 4313 | 4318 | rVB  | 1474   | 1341   | 0.32%  | 0.042% |
| 91  | 15.029 | 4332 | 4335 | 4337 | rBV  | 1216   | 852    | 0.20%  | 0.027% |
| 92  | 15.128 | 4364 | 4366 | 4370 | rVB  | 1627   | 965    | 0.23%  | 0.030% |
| 93  | 15.148 | 4370 | 4372 | 4375 | rVB2 | 1247   | 677    | 0.16%  | 0.021% |
| 94  | 15.170 | 4375 | 4379 | 4380 | rBV2 | 1817   | 1264   | 0.30%  | 0.039% |
| 95  | 15.251 | 4399 | 4404 | 4406 | rBV  | 1753   | 1452   | 0.34%  | 0.045% |
| 96  | 15.398 | 4445 | 4450 | 4451 | rBV2 | 951    | 922    | 0.22%  | 0.029% |
| 97  | 15.463 | 4467 | 4470 | 4475 | rVB  | 1738   | 1445   | 0.34%  | 0.045% |
| 98  | 15.517 | 4483 | 4487 | 4488 | rBV2 | 846    | 664    | 0.16%  | 0.021% |
| 99  | 15.746 | 4554 | 4558 | 4561 | rBV2 | 1324   | 1156   | 0.27%  | 0.036% |
| 100 | 16.202 | 4698 | 4700 | 4703 | rBV  | 1201   | 773    | 0.18%  | 0.024% |

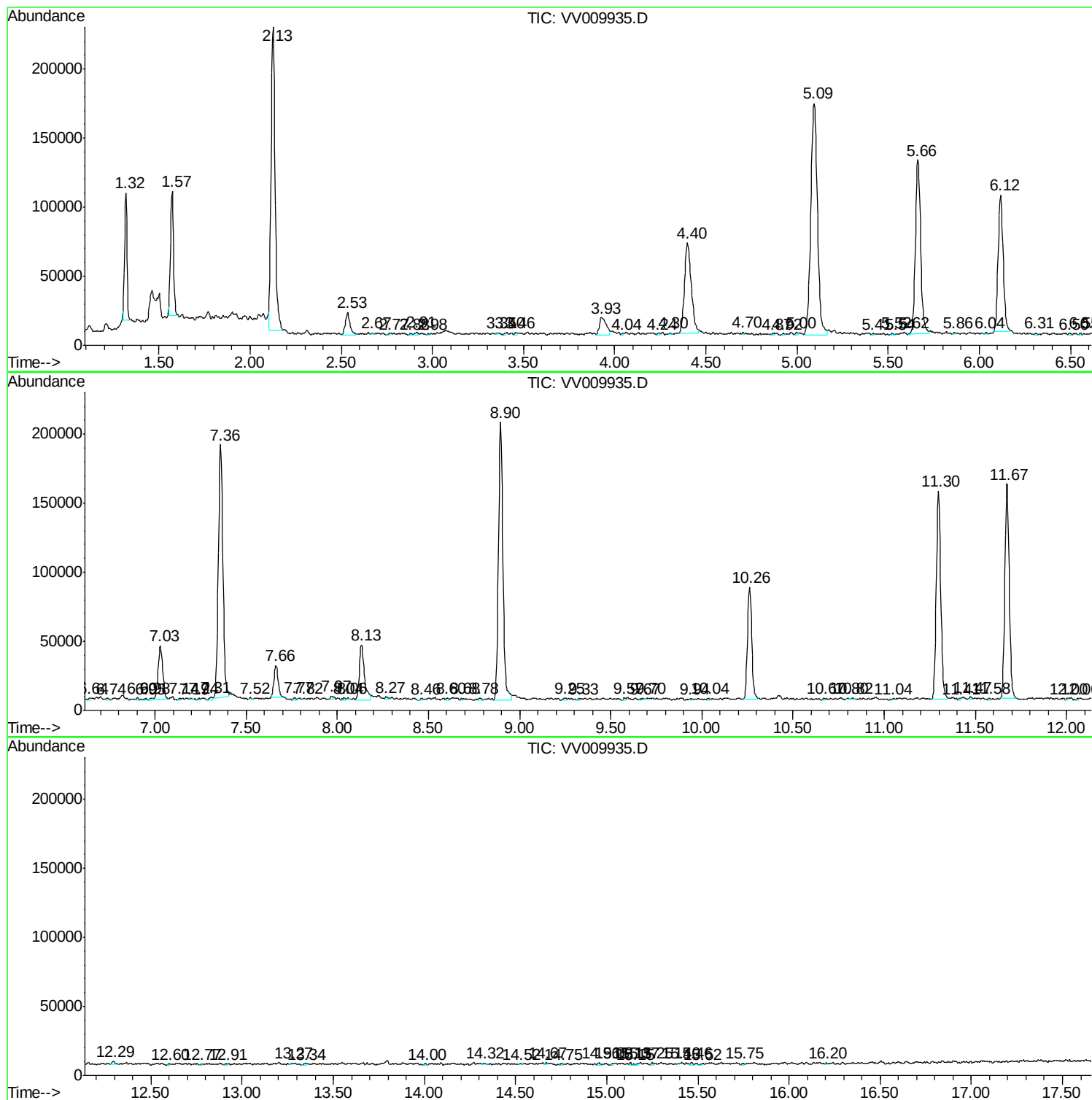
Sum of corrected areas: 3203305

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV032719\  
Data File : VV009935.D  
Acq On : 27 Mar 2019 18:20  
Operator : SY/MD  
Sample : K2085-14  
Misc : 5.19G/10mL/MSVOA\_V/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampled :  
BF7T9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM032619S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV032719\  
Data File : VV009935.D  
Acq On : 27 Mar 2019 18:20  
Operator : SY/MD  
Sample : K2085-14  
Misc : 5.19G/10mL/MSV0A\_V/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSV0A\_V  
ClientSampleId :  
BF7T9

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM032619S.M  
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV032719\  
Data File : VV009935.D  
Acq On : 27 Mar 2019 18:20  
Operator : SY/MD  
Sample : K2085-14  
Misc : 5.19G/10mL/MSV0A\_V/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSV0A\_V  
ClientSampleId :  
BF7T9

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM032619S.M  
Quant Title : VOC Analysis

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

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |

-----