

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100224\  
 Data File : VY019763.D  
 Acq On : 02 Oct 2024 14:36  
 Operator : SY/MD  
 Sample : P4236-02  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP4-VOC

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\_Y\methods\82Y090924S.M

Title : SW846 8260

Signal : TIC: VY019763.D\data.ms

| 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         | 2.415       | 113           | 114         | 117          | rVB2     | 766            | 629           | 6.69%           | 0.536%        |
| 2         | 2.604       | 143           | 145         | 148          | rBV2     | 686            | 704           | 7.48%           | 0.600%        |
| 3         | 2.684       | 157           | 158         | 162          | rBV      | 702            | 802           | 8.52%           | 0.684%        |
| 4         | 3.019       | 211           | 213         | 215          | rBV2     | 563            | 628           | 6.67%           | 0.536%        |
| 5         | 3.037       | 215           | 216         | 220          | rVV2     | 565            | 859           | 9.13%           | 0.733%        |
| 6         | 3.068       | 220           | 221         | 223          | rVB2     | 909            | 625           | 6.64%           | 0.533%        |
| 7         | 3.104       | 223           | 227         | 229          | rBV2     | 616            | 833           | 8.85%           | 0.710%        |
| 8         | 3.153       | 231           | 235         | 238          | rVB2     | 478            | 593           | 6.30%           | 0.506%        |
| 9         | 3.281       | 255           | 256         | 259          | rVB2     | 699            | 595           | 6.32%           | 0.507%        |
| 10        | 3.501       | 290           | 292         | 296          | rVB3     | 658            | 707           | 7.51%           | 0.603%        |
| 11        | 3.598       | 305           | 308         | 310          | rVB3     | 902            | 895           | 9.51%           | 0.763%        |
| 12        | 3.635       | 310           | 314         | 315          | rBV2     | 458            | 599           | 6.37%           | 0.511%        |
| 13        | 3.653       | 315           | 317         | 319          | rBV2     | 739            | 678           | 7.21%           | 0.578%        |
| 14        | 3.811       | 341           | 343         | 347          | rVV2     | 860            | 823           | 8.75%           | 0.702%        |
| 15        | 3.891       | 354           | 356         | 358          | rVV      | 870            | 639           | 6.79%           | 0.545%        |
| 16        | 4.007       | 372           | 375         | 378          | rBV2     | 538            | 708           | 7.52%           | 0.604%        |
| 17        | 4.324       | 424           | 427         | 428          | rBV2     | 642            | 647           | 6.88%           | 0.552%        |
| 18        | 4.415       | 441           | 442         | 447          | rVB2     | 580            | 585           | 6.22%           | 0.499%        |
| 19        | 4.641       | 477           | 479         | 483          | rVB3     | 729            | 944           | 10.03%          | 0.805%        |
| 20        | 4.738       | 492           | 495         | 499          | rVV      | 829            | 1138          | 12.09%          | 0.970%        |
| 21        | 4.921       | 523           | 525         | 528          | rBV3     | 487            | 731           | 7.77%           | 0.623%        |
| 22        | 4.970       | 531           | 533         | 537          | rVB2     | 831            | 997           | 10.60%          | 0.850%        |
| 23        | 5.177       | 565           | 567         | 571          | rVB2     | 782            | 1028          | 10.93%          | 0.877%        |
| 24        | 5.214       | 571           | 573         | 576          | rBV      | 443            | 579           | 6.15%           | 0.494%        |
| 25        | 5.378       | 598           | 600         | 604          | rBV2     | 756            | 894           | 9.50%           | 0.762%        |
| 26        | 5.421       | 604           | 607         | 608          | rVV2     | 566            | 597           | 6.34%           | 0.509%        |
| 27        | 6.250       | 737           | 743         | 745          | rBV2     | 867            | 1110          | 11.80%          | 0.947%        |
| 28        | 6.323       | 754           | 755         | 759          | rVB2     | 532            | 616           | 6.55%           | 0.525%        |
| 29        | 6.372       | 759           | 763         | 766          | rBV2     | 597            | 1014          | 10.78%          | 0.865%        |
| 30        | 6.598       | 797           | 800         | 802          | rVB2     | 470            | 636           | 6.76%           | 0.542%        |
| 31        | 6.628       | 802           | 805         | 808          | rBV      | 670            | 949           | 10.09%          | 0.809%        |
| 32        | 6.683       | 813           | 814         | 819          | rVV2     | 534            | 703           | 7.47%           | 0.599%        |
| 33        | 6.829       | 834           | 838         | 840          | rVB2     | 952            | 1002          | 10.65%          | 0.854%        |
| 34        | 6.860       | 840           | 843         | 844          | rBV2     | 610            | 792           | 8.42%           | 0.675%        |
| 35        | 6.878       | 844           | 846         | 849          | rVB2     | 553            | 605           | 6.43%           | 0.516%        |
| 36        | 7.293       | 912           | 914         | 918          | rBV      | 387            | 579           | 6.15%           | 0.494%        |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP4-VOC

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\_Y\methods\82Y090924S.M  
 Title : SW846 8260

|    |        |      |      |      |      |      |      |         |        |
|----|--------|------|------|------|------|------|------|---------|--------|
| 37 | 7.610  | 965  | 966  | 967  | rBV  | 1078 | 763  | 8.11%   | 0.651% |
| 38 | 7.628  | 967  | 969  | 977  | rVB3 | 2157 | 4404 | 46.81%  | 3.756% |
| 39 | 7.701  | 977  | 981  | 992  | rBV6 | 2005 | 6035 | 64.14%  | 5.146% |
| 40 | 8.061  | 1034 | 1040 | 1048 | rBV5 | 2557 | 6112 | 64.96%  | 5.212% |
| 41 | 8.170  | 1055 | 1058 | 1061 | rBV3 | 438  | 580  | 6.16%   | 0.495% |
| 42 | 8.256  | 1069 | 1072 | 1077 | rVB2 | 467  | 708  | 7.52%   | 0.604% |
| 43 | 8.305  | 1077 | 1080 | 1082 | rBV2 | 735  | 798  | 8.48%   | 0.681% |
| 44 | 8.481  | 1108 | 1109 | 1113 | rBV2 | 527  | 657  | 6.98%   | 0.560% |
| 45 | 8.615  | 1124 | 1131 | 1138 | rBV3 | 4272 | 9115 | 96.88%  | 7.773% |
| 46 | 8.701  | 1144 | 1145 | 1148 | rVB  | 938  | 606  | 6.44%   | 0.517% |
| 47 | 8.737  | 1148 | 1151 | 1155 | rBV3 | 549  | 964  | 10.25%  | 0.822% |
| 48 | 8.872  | 1169 | 1173 | 1174 | rBV  | 676  | 746  | 7.93%   | 0.636% |
| 49 | 8.957  | 1186 | 1187 | 1189 | rBV2 | 725  | 619  | 6.58%   | 0.528% |
| 50 | 9.140  | 1214 | 1217 | 1221 | rBV2 | 491  | 924  | 9.82%   | 0.788% |
| 51 | 9.213  | 1227 | 1229 | 1236 | rBV2 | 532  | 1036 | 11.01%  | 0.883% |
| 52 | 9.402  | 1257 | 1260 | 1263 | rBV2 | 482  | 845  | 8.98%   | 0.721% |
| 53 | 9.664  | 1302 | 1303 | 1307 | rBV2 | 454  | 621  | 6.60%   | 0.530% |
| 54 | 9.908  | 1341 | 1343 | 1348 | rVB3 | 651  | 600  | 6.38%   | 0.512% |
| 55 | 9.981  | 1352 | 1355 | 1357 | rVB2 | 657  | 751  | 7.98%   | 0.640% |
| 56 | 10.109 | 1369 | 1376 | 1381 | rBV4 | 5337 | 9409 | 100.00% | 8.024% |
| 57 | 10.518 | 1441 | 1443 | 1446 | rVB2 | 1010 | 831  | 8.83%   | 0.709% |
| 58 | 10.579 | 1450 | 1453 | 1454 | rVB3 | 595  | 609  | 6.47%   | 0.519% |
| 59 | 10.603 | 1454 | 1457 | 1460 | rBV3 | 827  | 991  | 10.53%  | 0.845% |
| 60 | 10.865 | 1498 | 1500 | 1501 | rBV2 | 969  | 817  | 8.68%   | 0.697% |
| 61 | 11.036 | 1525 | 1528 | 1529 | rVB2 | 615  | 610  | 6.48%   | 0.520% |
| 62 | 11.060 | 1529 | 1532 | 1534 | rBV2 | 482  | 707  | 7.51%   | 0.603% |
| 63 | 11.322 | 1572 | 1575 | 1577 | rBV2 | 818  | 826  | 8.78%   | 0.704% |
| 64 | 11.353 | 1577 | 1580 | 1582 | rBV2 | 559  | 574  | 6.10%   | 0.489% |
| 65 | 11.414 | 1585 | 1590 | 1595 | rBV2 | 2958 | 4934 | 52.44%  | 4.208% |
| 66 | 11.530 | 1607 | 1609 | 1612 | rVB  | 548  | 589  | 6.26%   | 0.502% |
| 67 | 11.743 | 1642 | 1644 | 1645 | rBV  | 804  | 635  | 6.75%   | 0.542% |
| 68 | 12.414 | 1750 | 1754 | 1759 | rVB6 | 1242 | 1781 | 18.93%  | 1.519% |
| 69 | 12.481 | 1763 | 1765 | 1767 | rBV2 | 854  | 673  | 7.15%   | 0.574% |
| 70 | 12.706 | 1800 | 1802 | 1804 | rVB2 | 695  | 615  | 6.54%   | 0.524% |
| 71 | 12.737 | 1804 | 1807 | 1810 | rBV3 | 699  | 1080 | 11.48%  | 0.921% |
| 72 | 13.102 | 1865 | 1867 | 1870 | rVB2 | 655  | 719  | 7.64%   | 0.613% |
| 73 | 13.249 | 1888 | 1891 | 1892 | rBV2 | 841  | 656  | 6.97%   | 0.559% |
| 74 | 13.340 | 1903 | 1906 | 1911 | rBV3 | 2141 | 3064 | 32.56%  | 2.613% |
| 75 | 13.627 | 1950 | 1953 | 1954 | rBV2 | 636  | 638  | 6.78%   | 0.544% |
| 76 | 13.688 | 1960 | 1963 | 1964 | rBV3 | 645  | 706  | 7.50%   | 0.602% |

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Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP4-VOC

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\_Y\methods\82Y090924S.M  
 Title : SW846 8260

|     |        |      |      |      |      |      |      |        |        |
|-----|--------|------|------|------|------|------|------|--------|--------|
| 77  | 13.730 | 1966 | 1970 | 1973 | rVB2 | 684  | 1087 | 11.55% | 0.927% |
| 78  | 14.084 | 2027 | 2028 | 2031 | rVB2 | 662  | 597  | 6.34%  | 0.509% |
| 79  | 14.139 | 2031 | 2037 | 2038 | rBV3 | 842  | 1178 | 12.52% | 1.005% |
| 80  | 14.200 | 2045 | 2047 | 2051 | rVB3 | 567  | 759  | 8.07%  | 0.647% |
| 81  | 14.279 | 2057 | 2060 | 2061 | rVB2 | 951  | 849  | 9.02%  | 0.724% |
| 82  | 14.303 | 2061 | 2064 | 2066 | rBV3 | 658  | 1056 | 11.22% | 0.901% |
| 83  | 14.468 | 2089 | 2091 | 2093 | rVB3 | 691  | 581  | 6.17%  | 0.495% |
| 84  | 14.499 | 2093 | 2096 | 2098 | rBV3 | 608  | 820  | 8.72%  | 0.699% |
| 85  | 14.560 | 2104 | 2106 | 2108 | rVB2 | 936  | 772  | 8.20%  | 0.658% |
| 86  | 14.584 | 2108 | 2110 | 2111 | rBV  | 992  | 610  | 6.48%  | 0.520% |
| 87  | 14.657 | 2119 | 2122 | 2123 | rBV2 | 670  | 742  | 7.89%  | 0.633% |
| 88  | 14.706 | 2126 | 2130 | 2132 | rVB3 | 839  | 820  | 8.72%  | 0.699% |
| 89  | 14.724 | 2132 | 2133 | 2136 | rBV2 | 894  | 830  | 8.82%  | 0.708% |
| 90  | 14.913 | 2161 | 2164 | 2165 | rBV2 | 736  | 799  | 8.49%  | 0.681% |
| 91  | 15.005 | 2178 | 2179 | 2181 | rBV2 | 812  | 634  | 6.74%  | 0.541% |
| 92  | 15.206 | 2211 | 2212 | 2215 | rBV3 | 698  | 774  | 8.23%  | 0.660% |
| 93  | 15.261 | 2219 | 2221 | 2225 | rVV3 | 1081 | 879  | 9.34%  | 0.750% |
| 94  | 15.395 | 2240 | 2243 | 2247 | rBV4 | 1124 | 1772 | 18.83% | 1.511% |
| 95  | 15.431 | 2247 | 2249 | 2251 | rVB2 | 931  | 584  | 6.21%  | 0.498% |
| 96  | 15.529 | 2261 | 2265 | 2270 | rBV4 | 791  | 1410 | 14.99% | 1.202% |
| 97  | 15.779 | 2303 | 2306 | 2308 | rBV3 | 622  | 796  | 8.46%  | 0.679% |
| 98  | 16.584 | 2436 | 2438 | 2440 | rVB3 | 1036 | 932  | 9.91%  | 0.795% |
| 99  | 16.614 | 2440 | 2443 | 2444 | rBV2 | 906  | 1247 | 13.25% | 1.063% |
| 100 | 16.687 | 2452 | 2455 | 2456 | rBV2 | 1053 | 926  | 9.84%  | 0.790% |

Sum of corrected areas: 117265



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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP4-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

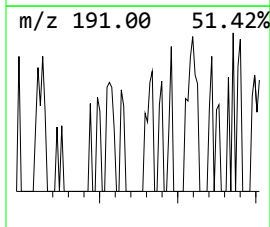
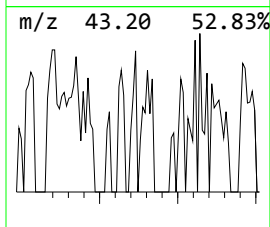
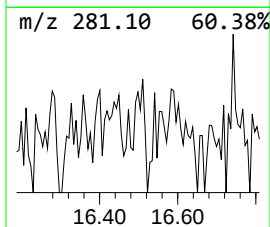
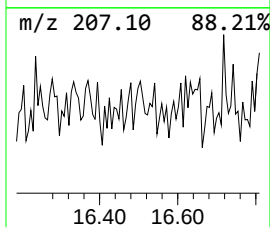
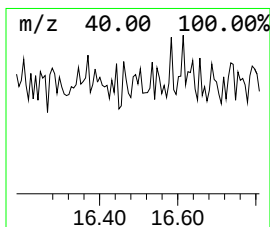
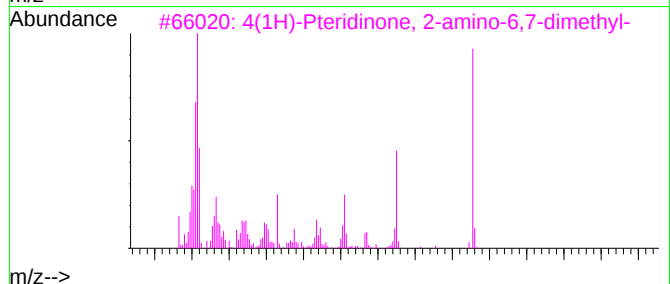
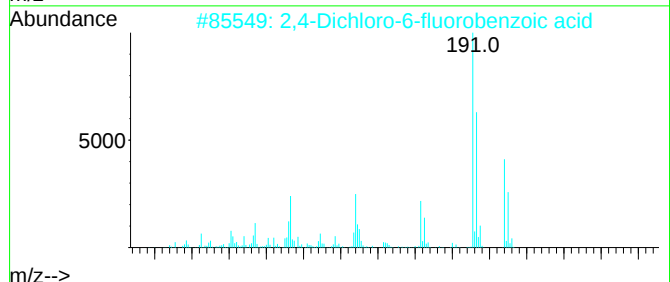
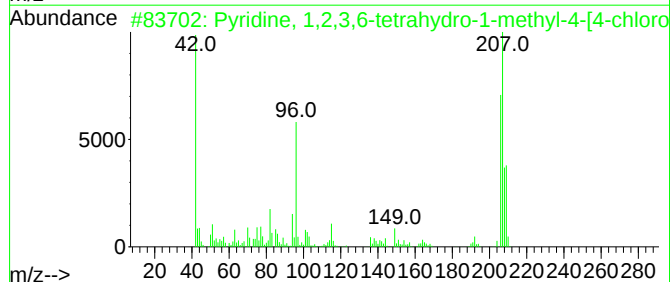
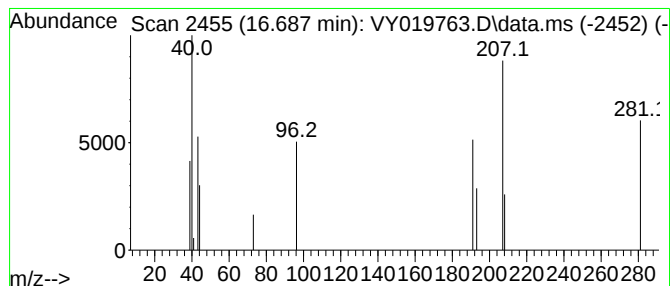
TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown16.687 Concentration Rank 9

| R.T.   | EstConc    | Area | Relative to ISTD       | R.T.   |
|--------|------------|------|------------------------|--------|
| 16.687 | 15.11 ug/l | 926  | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Pyridine, 1,2,3,6-tetrahydro-1-m... | 207 | C12H14ClN  | 005048-08-8 | 32   |
| 2    |    |   | 2,4-Dichloro-6-fluorobenzoic acid   | 208 | C7H3Cl2FO2 | 904285-09-2 | 9    |
| 3    |    |   | 4(1H)-Pteridinone, 2-amino-6,7-d... | 191 | C8H9N5O    | 000611-55-2 | 9    |
| 4    |    |   | Hexahydropyridine, 1-methyl-4-[4... | 207 | C12H17NO2  | 094427-47-1 | 9    |
| 5    |    |   | 3,6-Dichloro-4-pyridazinecarboxa... | 191 | C5H3Cl2N3O | 027427-66-3 | 9    |



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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |      |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|------|------|
|                  |        |         |       |          | #                     | RT     | Resp | Conc |
| unknown16.687    | 16.687 | 15.1    | ug/l  | 926      | 4                     | 13.346 | 3064 | 50.0 |