

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032025\  
 Data File : VY021586.D  
 Acq On : 20 Mar 2025 16:45  
 Operator : SY/MD  
 Sample : Q1607-01  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 OR-03-031925

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\_Y\methods\82Y030425S.M  
 Title : SW846 8260

Signal : TIC: VY021586.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         | 2.068       | 53            | 57          | 67           | rBV6     | 2329           | 6343          | 100.00%         | 9.474%        |
| 2         | 2.172       | 72            | 74          | 78           | rVV2     | 783            | 845           | 13.32%          | 1.262%        |
| 3         | 2.208       | 78            | 80          | 83           | rVB2     | 616            | 671           | 10.58%          | 1.002%        |
| 4         | 2.446       | 115           | 119         | 121          | rBV3     | 407            | 504           | 7.95%           | 0.753%        |
| 5         | 2.611       | 144           | 146         | 149          | rVB2     | 725            | 555           | 8.75%           | 0.829%        |
| 6         | 2.647       | 149           | 152         | 154          | rBV2     | 637            | 582           | 9.18%           | 0.869%        |
| 7         | 2.799       | 175           | 177         | 179          | rBV      | 568            | 531           | 8.37%           | 0.793%        |
| 8         | 2.842       | 181           | 184         | 187          | rBV2     | 633            | 568           | 8.95%           | 0.848%        |
| 9         | 2.934       | 197           | 199         | 201          | rBV2     | 506            | 477           | 7.52%           | 0.712%        |
| 10        | 3.049       | 216           | 218         | 221          | rVB      | 635            | 646           | 10.18%          | 0.965%        |
| 11        | 3.092       | 221           | 225         | 226          | rBV      | 826            | 635           | 10.01%          | 0.948%        |
| 12        | 3.293       | 254           | 258         | 260          | rBV2     | 521            | 676           | 10.66%          | 1.010%        |
| 13        | 3.702       | 323           | 325         | 327          | rBV2     | 406            | 458           | 7.22%           | 0.684%        |
| 14        | 4.220       | 407           | 410         | 412          | rBV      | 529            | 485           | 7.65%           | 0.724%        |
| 15        | 4.433       | 442           | 445         | 446          | rBV2     | 405            | 417           | 6.57%           | 0.623%        |
| 16        | 4.635       | 474           | 478         | 481          | rBV3     | 494            | 678           | 10.69%          | 1.013%        |
| 17        | 4.903       | 518           | 522         | 525          | rVB2     | 613            | 755           | 11.90%          | 1.128%        |
| 18        | 5.013       | 536           | 540         | 542          | rVB      | 524            | 529           | 8.34%           | 0.790%        |
| 19        | 5.031       | 542           | 543         | 546          | rBV      | 599            | 526           | 8.29%           | 0.786%        |
| 20        | 5.281       | 581           | 584         | 587          | rBV3     | 347            | 536           | 8.45%           | 0.801%        |
| 21        | 5.653       | 641           | 645         | 646          | rBV3     | 607            | 746           | 11.76%          | 1.114%        |
| 22        | 5.750       | 657           | 661         | 664          | rVB3     | 315            | 498           | 7.85%           | 0.744%        |
| 23        | 5.781       | 664           | 666         | 669          | rVB2     | 449            | 453           | 7.14%           | 0.677%        |
| 24        | 5.817       | 669           | 672         | 674          | rBV2     | 390            | 454           | 7.16%           | 0.678%        |
| 25        | 6.171       | 728           | 730         | 734          | rVB2     | 729            | 892           | 14.06%          | 1.332%        |
| 26        | 6.214       | 734           | 737         | 740          | rVB3     | 411            | 515           | 8.12%           | 0.769%        |
| 27        | 6.567       | 792           | 795         | 798          | rVV3     | 424            | 468           | 7.38%           | 0.699%        |
| 28        | 6.634       | 802           | 806         | 807          | rVB2     | 474            | 497           | 7.84%           | 0.742%        |
| 29        | 6.787       | 828           | 831         | 833          | rBV2     | 414            | 446           | 7.03%           | 0.666%        |
| 30        | 6.817       | 833           | 836         | 838          | rBV2     | 558            | 517           | 8.15%           | 0.772%        |
| 31        | 6.890       | 847           | 848         | 851          | rBV2     | 639            | 581           | 9.16%           | 0.868%        |
| 32        | 7.091       | 878           | 881         | 883          | rVB2     | 513            | 492           | 7.76%           | 0.735%        |
| 33        | 7.604       | 962           | 965         | 966          | rBV2     | 398            | 491           | 7.74%           | 0.733%        |
| 34        | 7.817       | 996           | 1000        | 1002         | rBV2     | 384            | 681           | 10.74%          | 1.017%        |
| 35        | 8.055       | 1037          | 1039        | 1042         | rBV4     | 347            | 436           | 6.87%           | 0.651%        |
| 36        | 8.146       | 1052          | 1054        | 1058         | rVB2     | 363            | 483           | 7.61%           | 0.721%        |

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 ALS Vial : 15 Sample Multiplier: 1

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 MSVOA\_Y  
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 OR-03-031925

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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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\_Y\methods\82Y030425S.M  
 Title : SW846 8260

|    |        |      |      |      |      |      |      |        |        |
|----|--------|------|------|------|------|------|------|--------|--------|
| 37 | 8.231  | 1066 | 1068 | 1071 | rVB2 | 384  | 425  | 6.70%  | 0.635% |
| 38 | 8.945  | 1183 | 1185 | 1188 | rBV2 | 390  | 473  | 7.46%  | 0.706% |
| 39 | 9.146  | 1217 | 1218 | 1221 | rVB  | 693  | 572  | 9.02%  | 0.854% |
| 40 | 9.347  | 1248 | 1251 | 1253 | rVB2 | 631  | 447  | 7.05%  | 0.668% |
| 41 | 9.524  | 1277 | 1280 | 1282 | rBV3 | 476  | 551  | 8.69%  | 0.823% |
| 42 | 9.756  | 1316 | 1318 | 1319 | rBV  | 463  | 446  | 7.03%  | 0.666% |
| 43 | 10.085 | 1368 | 1372 | 1373 | rBV  | 384  | 507  | 7.99%  | 0.757% |
| 44 | 10.109 | 1373 | 1376 | 1381 | rVV4 | 939  | 1794 | 28.28% | 2.679% |
| 45 | 10.170 | 1381 | 1386 | 1392 | rVV3 | 2133 | 3217 | 50.72% | 4.805% |
| 46 | 10.249 | 1396 | 1399 | 1404 | rBV3 | 529  | 771  | 12.16% | 1.152% |
| 47 | 10.377 | 1417 | 1420 | 1421 | rBV  | 604  | 596  | 9.40%  | 0.890% |
| 48 | 10.402 | 1421 | 1424 | 1429 | rVB3 | 438  | 791  | 12.47% | 1.181% |
| 49 | 10.603 | 1456 | 1457 | 1460 | rBV  | 427  | 505  | 7.96%  | 0.754% |
| 50 | 10.640 | 1462 | 1463 | 1466 | rBV2 | 509  | 524  | 8.26%  | 0.783% |
| 51 | 10.713 | 1473 | 1475 | 1479 | rVB  | 825  | 931  | 14.68% | 1.390% |
| 52 | 10.798 | 1486 | 1489 | 1490 | rBV  | 408  | 504  | 7.95%  | 0.753% |
| 53 | 10.847 | 1496 | 1497 | 1502 | rBV2 | 396  | 483  | 7.61%  | 0.721% |
| 54 | 10.890 | 1502 | 1504 | 1508 | rVB3 | 338  | 480  | 7.57%  | 0.717% |
| 55 | 10.932 | 1508 | 1511 | 1512 | rBV2 | 389  | 423  | 6.67%  | 0.632% |
| 56 | 11.133 | 1541 | 1544 | 1546 | rVB2 | 544  | 447  | 7.05%  | 0.668% |
| 57 | 11.280 | 1566 | 1568 | 1571 | rVB2 | 475  | 540  | 8.51%  | 0.807% |
| 58 | 11.310 | 1571 | 1573 | 1576 | rBV2 | 350  | 493  | 7.77%  | 0.736% |
| 59 | 11.694 | 1634 | 1636 | 1640 | rVB2 | 472  | 499  | 7.87%  | 0.745% |
| 60 | 11.877 | 1663 | 1666 | 1667 | rBV2 | 469  | 415  | 6.54%  | 0.620% |
| 61 | 11.975 | 1679 | 1682 | 1684 | rVB3 | 562  | 588  | 9.27%  | 0.878% |
| 62 | 12.340 | 1740 | 1742 | 1745 | rBV  | 493  | 548  | 8.64%  | 0.818% |
| 63 | 12.566 | 1777 | 1779 | 1783 | rVB2 | 463  | 510  | 8.04%  | 0.762% |
| 64 | 12.645 | 1789 | 1792 | 1796 | rBV3 | 575  | 991  | 15.62% | 1.480% |
| 65 | 12.761 | 1810 | 1811 | 1814 | rBV2 | 522  | 551  | 8.69%  | 0.823% |
| 66 | 12.804 | 1816 | 1818 | 1821 | rBV3 | 505  | 616  | 9.71%  | 0.920% |
| 67 | 12.932 | 1836 | 1839 | 1841 | rBV2 | 469  | 564  | 8.89%  | 0.842% |
| 68 | 12.993 | 1845 | 1849 | 1852 | rVB3 | 624  | 807  | 12.72% | 1.205% |
| 69 | 13.096 | 1863 | 1866 | 1869 | rBV2 | 310  | 497  | 7.84%  | 0.742% |
| 70 | 13.212 | 1880 | 1885 | 1887 | rVB2 | 458  | 459  | 7.24%  | 0.686% |
| 71 | 13.334 | 1900 | 1905 | 1906 | rBV2 | 463  | 563  | 8.88%  | 0.841% |
| 72 | 13.352 | 1906 | 1908 | 1912 | rVB2 | 796  | 864  | 13.62% | 1.290% |
| 73 | 13.584 | 1943 | 1946 | 1949 | rBV2 | 517  | 727  | 11.46% | 1.086% |
| 74 | 13.712 | 1962 | 1967 | 1970 | rBV3 | 361  | 618  | 9.74%  | 0.923% |
| 75 | 13.785 | 1977 | 1979 | 1982 | rVB2 | 354  | 416  | 6.56%  | 0.621% |
| 76 | 13.828 | 1982 | 1986 | 1987 | rBV  | 611  | 873  | 13.76% | 1.304% |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 OR-03-031925

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\_Y\methods\82Y030425S.M  
 Title : SW846 8260

|     |        |      |      |      |      |     |     |        |        |
|-----|--------|------|------|------|------|-----|-----|--------|--------|
| 77  | 13.907 | 1997 | 1999 | 2002 | rVB2 | 591 | 483 | 7.61%  | 0.721% |
| 78  | 14.041 | 2019 | 2021 | 2024 | rBV3 | 439 | 491 | 7.74%  | 0.733% |
| 79  | 14.108 | 2028 | 2032 | 2034 | rBV3 | 627 | 569 | 8.97%  | 0.850% |
| 80  | 14.279 | 2056 | 2060 | 2063 | rBV3 | 520 | 694 | 10.94% | 1.037% |
| 81  | 14.432 | 2082 | 2085 | 2089 | rVB3 | 341 | 510 | 8.04%  | 0.762% |
| 82  | 14.822 | 2147 | 2149 | 2151 | rBV2 | 389 | 424 | 6.68%  | 0.633% |
| 83  | 14.889 | 2158 | 2160 | 2164 | rVB3 | 393 | 443 | 6.98%  | 0.662% |
| 84  | 15.011 | 2178 | 2180 | 2183 | rBV2 | 700 | 417 | 6.57%  | 0.623% |
| 85  | 15.108 | 2193 | 2196 | 2198 | rBV3 | 434 | 625 | 9.85%  | 0.933% |
| 86  | 15.175 | 2204 | 2207 | 2210 | rVB2 | 500 | 659 | 10.39% | 0.984% |
| 87  | 15.291 | 2225 | 2226 | 2230 | rVB  | 715 | 636 | 10.03% | 0.950% |
| 88  | 15.883 | 2322 | 2323 | 2326 | rVV3 | 566 | 582 | 9.18%  | 0.869% |
| 89  | 15.937 | 2330 | 2332 | 2335 | rVV2 | 322 | 465 | 7.33%  | 0.694% |
| 90  | 15.980 | 2337 | 2339 | 2342 | rVV2 | 684 | 797 | 12.57% | 1.190% |
| 91  | 16.017 | 2343 | 2345 | 2348 | rVV2 | 692 | 511 | 8.06%  | 0.763% |
| 92  | 16.132 | 2362 | 2364 | 2367 | rVB3 | 524 | 466 | 7.35%  | 0.696% |
| 93  | 16.169 | 2367 | 2370 | 2372 | rVB3 | 445 | 530 | 8.36%  | 0.792% |
| 94  | 16.230 | 2376 | 2380 | 2381 | rBV2 | 546 | 653 | 10.29% | 0.975% |
| 95  | 16.309 | 2391 | 2393 | 2397 | rVB3 | 523 | 713 | 11.24% | 1.065% |
| 96  | 16.352 | 2397 | 2400 | 2402 | rBV2 | 429 | 601 | 9.48%  | 0.898% |
| 97  | 16.553 | 2430 | 2433 | 2436 | rBV3 | 472 | 698 | 11.00% | 1.042% |
| 98  | 16.590 | 2438 | 2439 | 2443 | rBV3 | 648 | 812 | 12.80% | 1.213% |
| 99  | 16.669 | 2450 | 2452 | 2454 | rVB2 | 665 | 473 | 7.46%  | 0.706% |
| 100 | 16.724 | 2459 | 2461 | 2466 | rVB2 | 579 | 610 | 9.62%  | 0.911% |

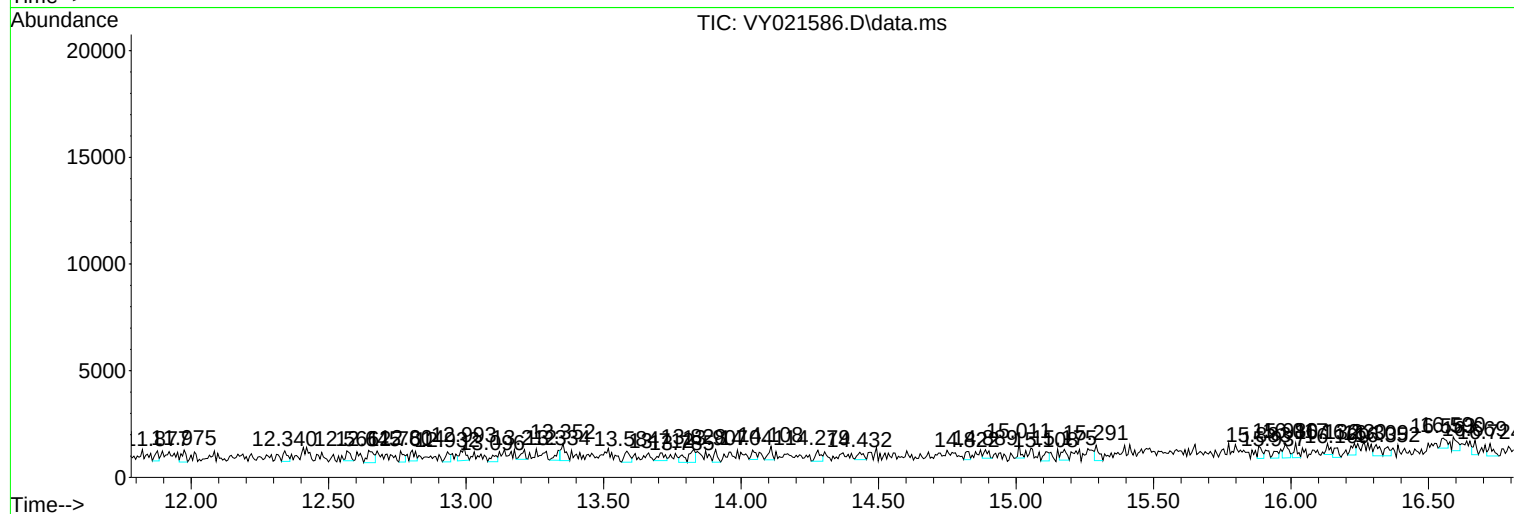
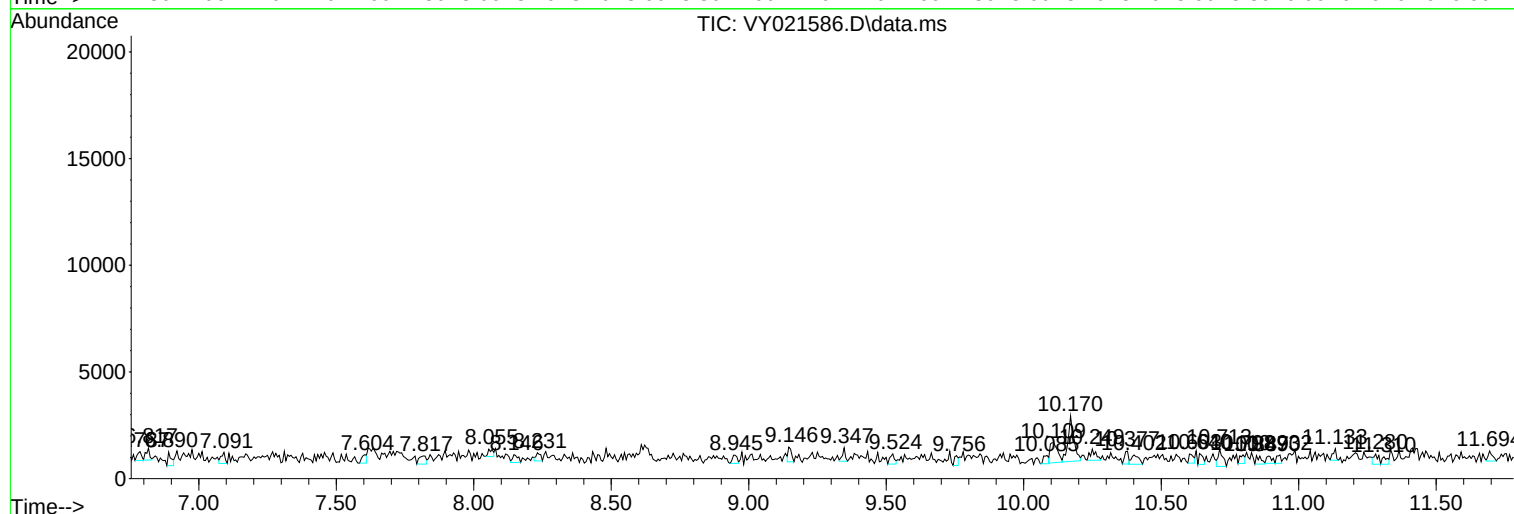
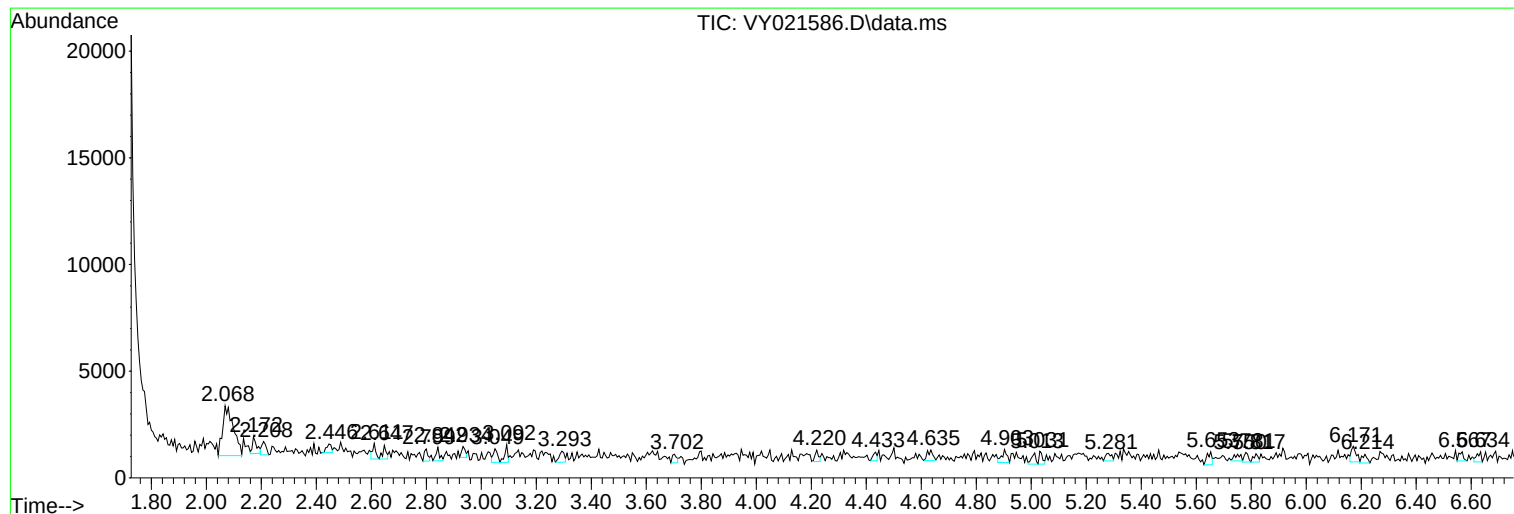
Sum of corrected areas: 66955

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032025\  
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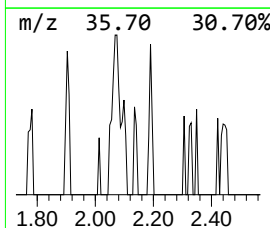
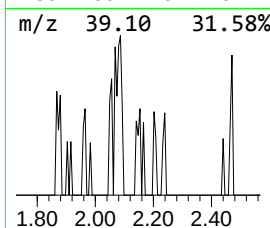
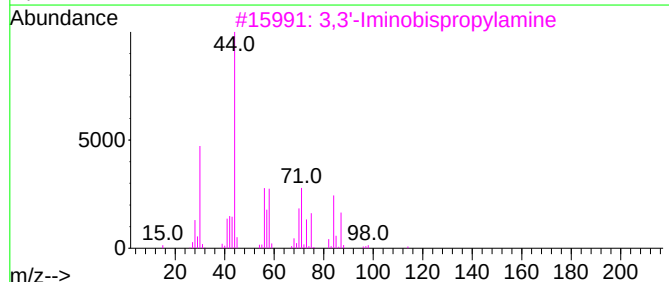
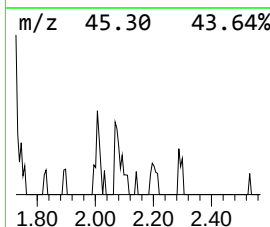
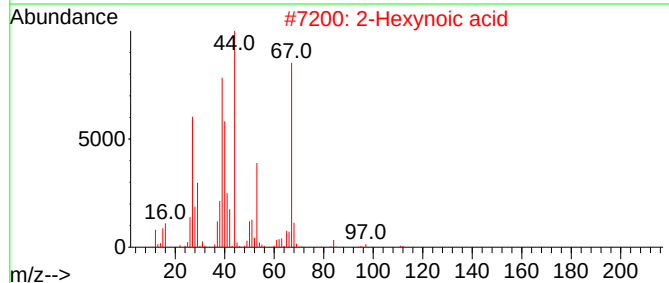
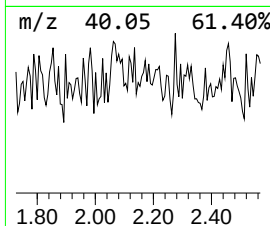
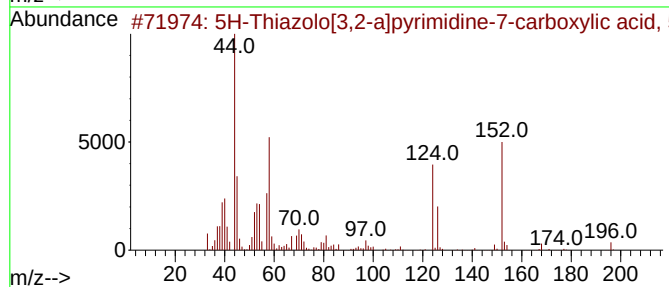
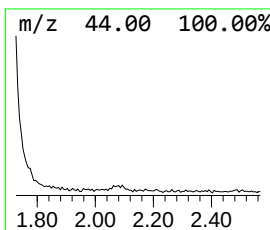
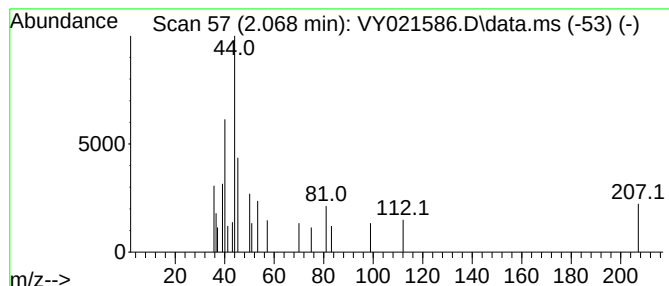
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown2.068 Concentration Rank 1

| R.T.  | EstConc     | Area | Relative to ISTD   | R.T.  |
|-------|-------------|------|--------------------|-------|
| 2.068 | 465.71 ug/l | 6343 | Pentafluorobenzene | 7.713 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 5H-Thiazolo[3,2-a]pyrimidine-7-c... | 196 | C7H4N2O3S | 1000337-52-3 | 28   |
| 2    |    |   | 2-Hexynoic acid                     | 112 | C6H8O2    | 000764-33-0  | 17   |
| 3    |    |   | 3,3'-Iminobispropylamine            | 131 | C6H17N3   | 000056-18-8  | 9    |
| 4    |    |   | Dimethylamine                       | 45  | C2H7N     | 000124-40-3  | 7    |
| 5    |    |   | Hydrazinecarboxamide                | 75  | CH5N3O    | 000057-56-7  | 4    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |      |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|------|------|
|                  |       |         |       |          | #                     | RT    | Resp | Conc |
| unknown2.068     | 2.068 | 465.7   | ug/l  | 6343     | 1                     | 7.713 | 681  | 50.0 |