

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020520\  
 Data File : VD065070.D  
 Acq On : 05 Feb 2020 18:10  
 Operator : VA/SY  
 Sample : L1408-07  
 Misc : 5.49G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SHORE-RD-PATH-BH-03-A

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\82D020520S.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         | 1.950       | 3             | 5           | 9            | rVB3     | 3235           | 3795          | 1.36%           | 0.204%        |
| 2         | 2.215       | 43            | 50          | 51           | rBV3     | 6238           | 9872          | 3.53%           | 0.531%        |
| 3         | 2.603       | 114           | 116         | 118          | rVV2     | 2766           | 3224          | 1.15%           | 0.173%        |
| 4         | 2.644       | 118           | 123         | 125          | rVV3     | 5558           | 9682          | 3.46%           | 0.520%        |
| 5         | 2.691       | 127           | 131         | 134          | rVB5     | 2952           | 4800          | 1.71%           | 0.258%        |
| 6         | 3.150       | 207           | 209         | 211          | rBV2     | 2704           | 3229          | 1.15%           | 0.174%        |
| 7         | 5.797       | 655           | 659         | 663          | rBV2     | 2076           | 3065          | 1.10%           | 0.165%        |
| 8         | 7.208       | 889           | 899         | 900          | rBV3     | 9177           | 17552         | 6.27%           | 0.944%        |
| 9         | 7.726       | 981           | 987         | 989          | rBV4     | 1761           | 2924          | 1.04%           | 0.157%        |
| 10        | 7.920       | 1008          | 1020        | 1025         | rBV3     | 44382          | 103472        | 36.97%          | 5.563%        |
| 11        | 7.979       | 1025          | 1030        | 1039         | rVB      | 74411          | 167267        | 59.76%          | 8.992%        |
| 12        | 8.338       | 1083          | 1091        | 1098         | rBV      | 45146          | 101693        | 36.33%          | 5.467%        |
| 13        | 8.867       | 1173          | 1181        | 1189         | rBV      | 100978         | 204032        | 72.89%          | 10.969%       |
| 14        | 9.120       | 1218          | 1224        | 1228         | rBV5     | 3469           | 6427          | 2.30%           | 0.346%        |
| 15        | 9.361       | 1258          | 1265        | 1272         | rBV6     | 3952           | 10141         | 3.62%           | 0.545%        |
| 16        | 10.249      | 1412          | 1416        | 1420         | rVB3     | 2078           | 3343          | 1.19%           | 0.180%        |
| 17        | 10.344      | 1424          | 1432        | 1440         | rVV      | 153715         | 279908        | 100.00%         | 15.048%       |
| 18        | 10.408      | 1440          | 1443        | 1450         | rVB4     | 4475           | 7343          | 2.62%           | 0.395%        |
| 19        | 10.726      | 1493          | 1497        | 1504         | rBV4     | 5035           | 8781          | 3.14%           | 0.472%        |
| 20        | 10.885      | 1520          | 1524        | 1528         | rVV4     | 5032           | 7483          | 2.67%           | 0.402%        |
| 21        | 11.096      | 1555          | 1560        | 1563         | rBV3     | 2811           | 3964          | 1.42%           | 0.213%        |
| 22        | 11.649      | 1647          | 1654        | 1663         | rBV      | 157413         | 278155        | 99.37%          | 14.953%       |
| 23        | 11.749      | 1668          | 1671        | 1676         | rVB2     | 5337           | 7792          | 2.78%           | 0.419%        |
| 24        | 11.855      | 1684          | 1689        | 1695         | rVB4     | 8011           | 13316         | 4.76%           | 0.716%        |
| 25        | 12.191      | 1742          | 1746        | 1750         | rBV6     | 4174           | 6339          | 2.26%           | 0.341%        |
| 26        | 12.485      | 1792          | 1796        | 1801         | rBV3     | 3262           | 5509          | 1.97%           | 0.296%        |
| 27        | 12.638      | 1815          | 1822        | 1830         | rVB2     | 122890         | 206525        | 73.78%          | 11.103%       |
| 28        | 12.773      | 1840          | 1845        | 1847         | rBV5     | 2077           | 2869          | 1.02%           | 0.154%        |
| 29        | 12.832      | 1851          | 1855        | 1859         | rVB4     | 5566           | 9294          | 3.32%           | 0.500%        |
| 30        | 12.920      | 1865          | 1870        | 1874         | rBV2     | 3015           | 5469          | 1.95%           | 0.294%        |
| 31        | 12.967      | 1874          | 1878        | 1882         | rVV2     | 2821           | 4781          | 1.71%           | 0.257%        |
| 32        | 13.008      | 1882          | 1885        | 1890         | rVB4     | 3293           | 4794          | 1.71%           | 0.258%        |
| 33        | 13.238      | 1918          | 1924        | 1926         | rBV4     | 3382           | 4902          | 1.75%           | 0.264%        |
| 34        | 13.273      | 1926          | 1930        | 1936         | rVV3     | 4733           | 7730          | 2.76%           | 0.416%        |

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
SHORE-RD-PATH-BH-03-A

## 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\82D020520S.M  
Title : SW846 8260

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 13.408 | 1949 | 1953 | 1957 | rVB4 | 3553   | 5064   | 1.81%  | 0.272%  |
| 36 | 13.526 | 1967 | 1973 | 1976 | rBV5 | 6351   | 9828   | 3.51%  | 0.528%  |
| 37 | 13.585 | 1976 | 1983 | 1991 | rVB  | 165861 | 278183 | 99.38% | 14.955% |
| 38 | 13.849 | 2025 | 2028 | 2034 | rBV5 | 3918   | 7163   | 2.56%  | 0.385%  |
| 39 | 14.120 | 2071 | 2074 | 2079 | rBV4 | 2593   | 4710   | 1.68%  | 0.253%  |
| 40 | 14.579 | 2147 | 2152 | 2154 | rBV2 | 1726   | 2829   | 1.01%  | 0.152%  |
| 41 | 14.661 | 2165 | 2166 | 2173 | rBV3 | 1964   | 2822   | 1.01%  | 0.152%  |
| 42 | 14.832 | 2190 | 2195 | 2201 | rBV4 | 3617   | 4725   | 1.69%  | 0.254%  |
| 43 | 15.173 | 2249 | 2253 | 2256 | rBV4 | 3981   | 5910   | 2.11%  | 0.318%  |
| 44 | 15.279 | 2268 | 2271 | 2274 | rVB4 | 3003   | 3411   | 1.22%  | 0.183%  |
| 45 | 15.414 | 2291 | 2294 | 2299 | rVV3 | 6205   | 8763   | 3.13%  | 0.471%  |
| 46 | 15.608 | 2326 | 2327 | 2333 | rVB4 | 3368   | 3855   | 1.38%  | 0.207%  |
| 47 | 16.420 | 2461 | 2465 | 2467 | rBV2 | 2646   | 3418   | 1.22%  | 0.184%  |

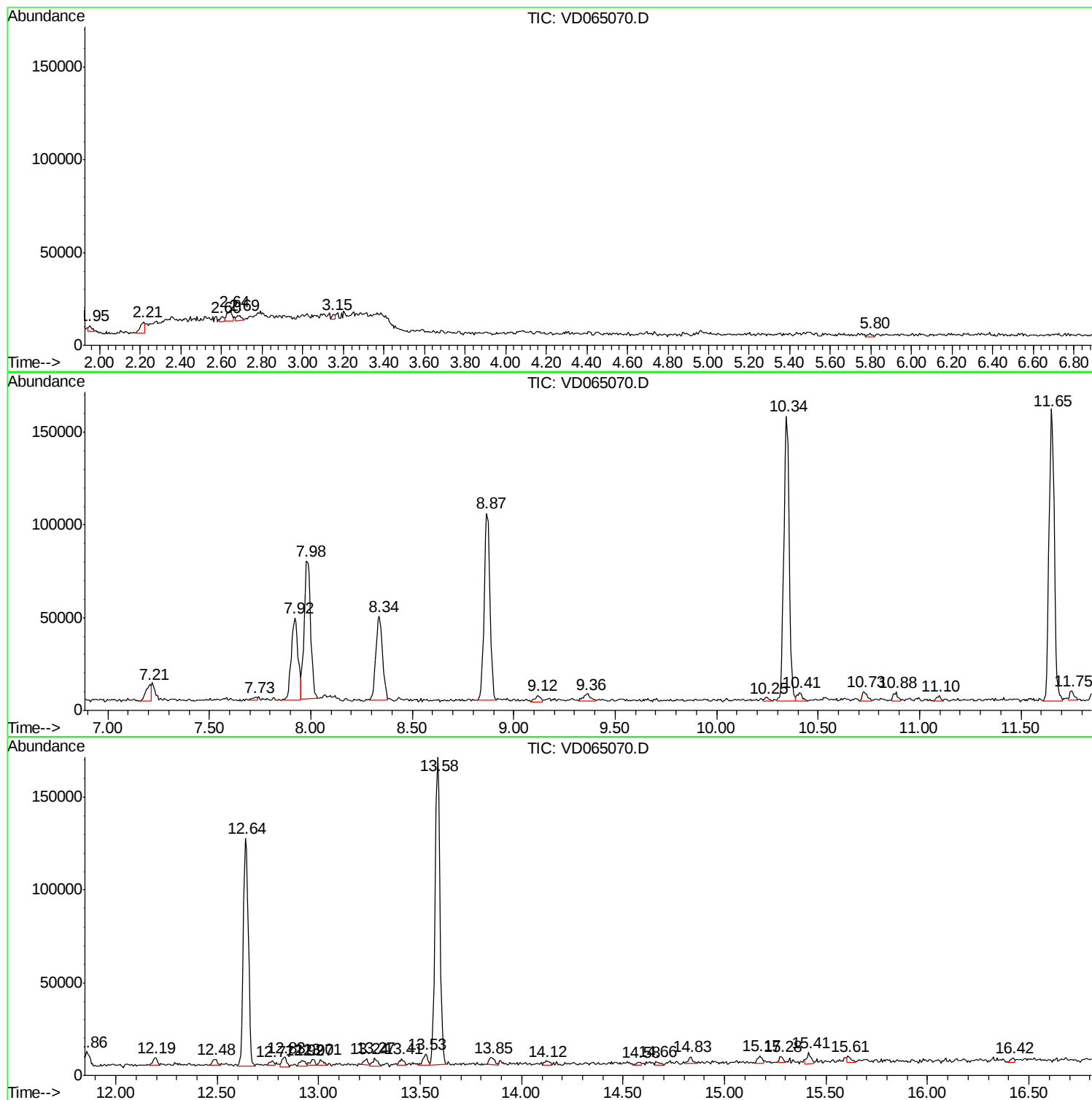
Sum of corrected areas: 1860153

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MSVOA\_D  
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SHORE-RD-PATH-BH-03-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D020520S.M  
Quant Title : SW846 8260

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



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MSVOA\_D  
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SHORE-RD-PATH-BH-03-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D020520S.M  
Quant Title : SW846 8260

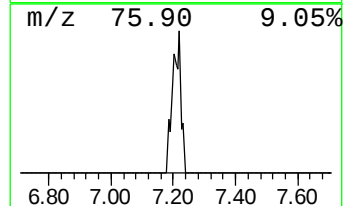
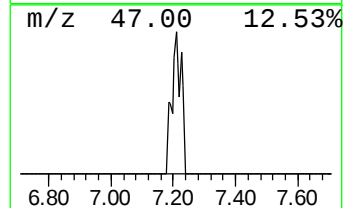
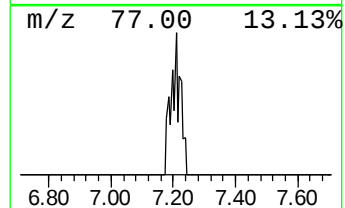
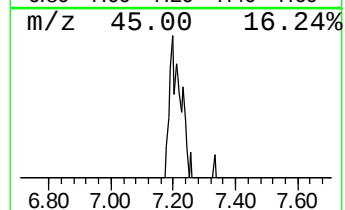
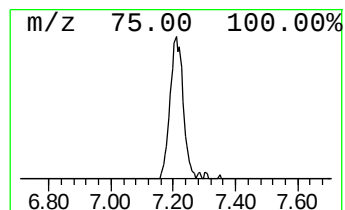
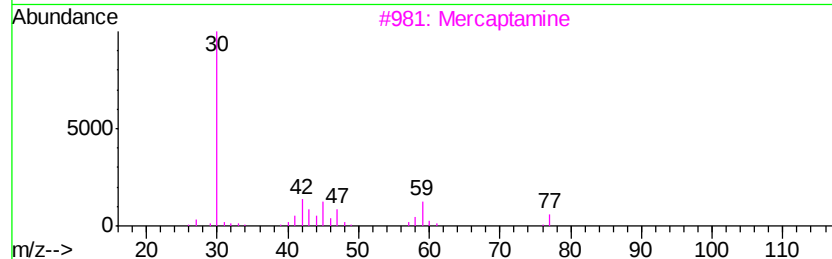
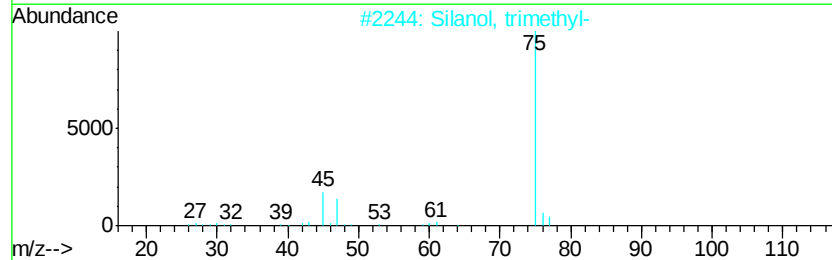
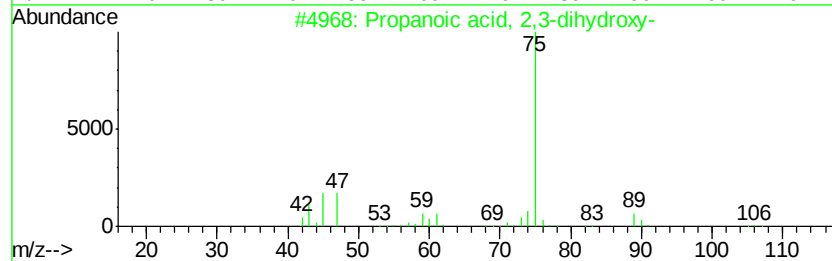
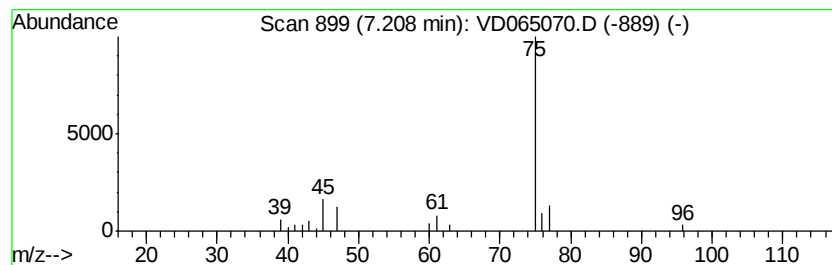
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Propanoic acid, 2,3-dihydroxy- Concentration Rank 1

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 7.21 | 5.25 ug/l | 17552 | Pentafluorobenzene | 7.98 |

| Hit# | of | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------|-----|----------|-------------|------|
| 1    | 5  | Propanoic acid, 2,3-dihydroxy- | 106 | C3H6O4   | 000473-81-4 | 64   |
| 2    |    | Silanol, trimethyl-            | 90  | C3H10OSi | 001066-40-6 | 9    |
| 3    |    | Mercaptamine                   | 77  | C2H7NS   | 000060-23-1 | 7    |
| 4    |    | Formamide, N-methylthio        | 75  | C2H5NS   | 018952-41-5 | 4    |
| 5    |    | Ethanethioamide                | 75  | C2H5NS   | 000062-55-5 | 4    |



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Instrument :  
MSV0A\_D  
ClientSampleId :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_D\METHOD\82D020520S.M  
Quant Title : SW846 8260

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

| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |        |      |
|----------------------|------|---------|-------|----------|-------------------------|------|--------|------|
|                      |      |         |       |          | #                       | RT   | Resp   | Conc |
| Propanoic acid, 2... | 7.21 | 5.3     | ug/l  | 17552    | 1                       | 7.98 | 167267 | 50.0 |