

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\  
 Data File : VY003034.D  
 Acq On : 30 Jun 2020 14:49  
 Operator : SY/MD  
 Sample : L2815-16  
 Misc : 7.42G/5ML/MSVOA Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 OR-03-062920

## 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\82Y062920S.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         | 4.724       | 477           | 490         | 504          | rBV3     | 50708          | 164005        | 8.91%           | 1.395%        |
| 2         | 7.724       | 972           | 982         | 988          | rBV2     | 279521         | 661254        | 35.94%          | 5.623%        |
| 3         | 7.797       | 988           | 994         | 1005         | rVB      | 445305         | 983876        | 53.47%          | 8.367%        |
| 4         | 8.151       | 1043          | 1052        | 1061         | rBV      | 252499         | 565535        | 30.73%          | 4.809%        |
| 5         | 8.693       | 1133          | 1141        | 1152         | rBV      | 681046         | 1332603       | 72.42%          | 11.333%       |
| 6         | 10.181      | 1378          | 1385        | 1392         | rBV      | 1078236        | 1840039       | 100.00%         | 15.648%       |
| 7         | 11.491      | 1594          | 1600        | 1609         | rVB      | 1027776        | 1809191       | 98.32%          | 15.386%       |
| 8         | 12.479      | 1757          | 1762        | 1769         | rVB      | 855239         | 1365958       | 74.24%          | 11.616%       |
| 9         | 12.753      | 1804          | 1807        | 1812         | rBV      | 96504          | 128717        | 7.00%           | 1.095%        |
| 10        | 12.857      | 1819          | 1824        | 1839         | rVB      | 273910         | 698942        | 37.99%          | 5.944%        |
| 11        | 13.083      | 1857          | 1861        | 1863         | rBV4     | 89036          | 148060        | 8.05%           | 1.259%        |
| 12        | 13.424      | 1912          | 1917        | 1922         | rBV      | 1059507        | 1609919       | 87.49%          | 13.691%       |
| 13        | 14.460      | 2083          | 2087        | 2103         | rVB3     | 154903         | 398765        | 21.67%          | 3.391%        |
| 14        | 16.484      | 2415          | 2419        | 2432         | rVB3     | 13657          | 52045         | 2.83%           | 0.443%        |

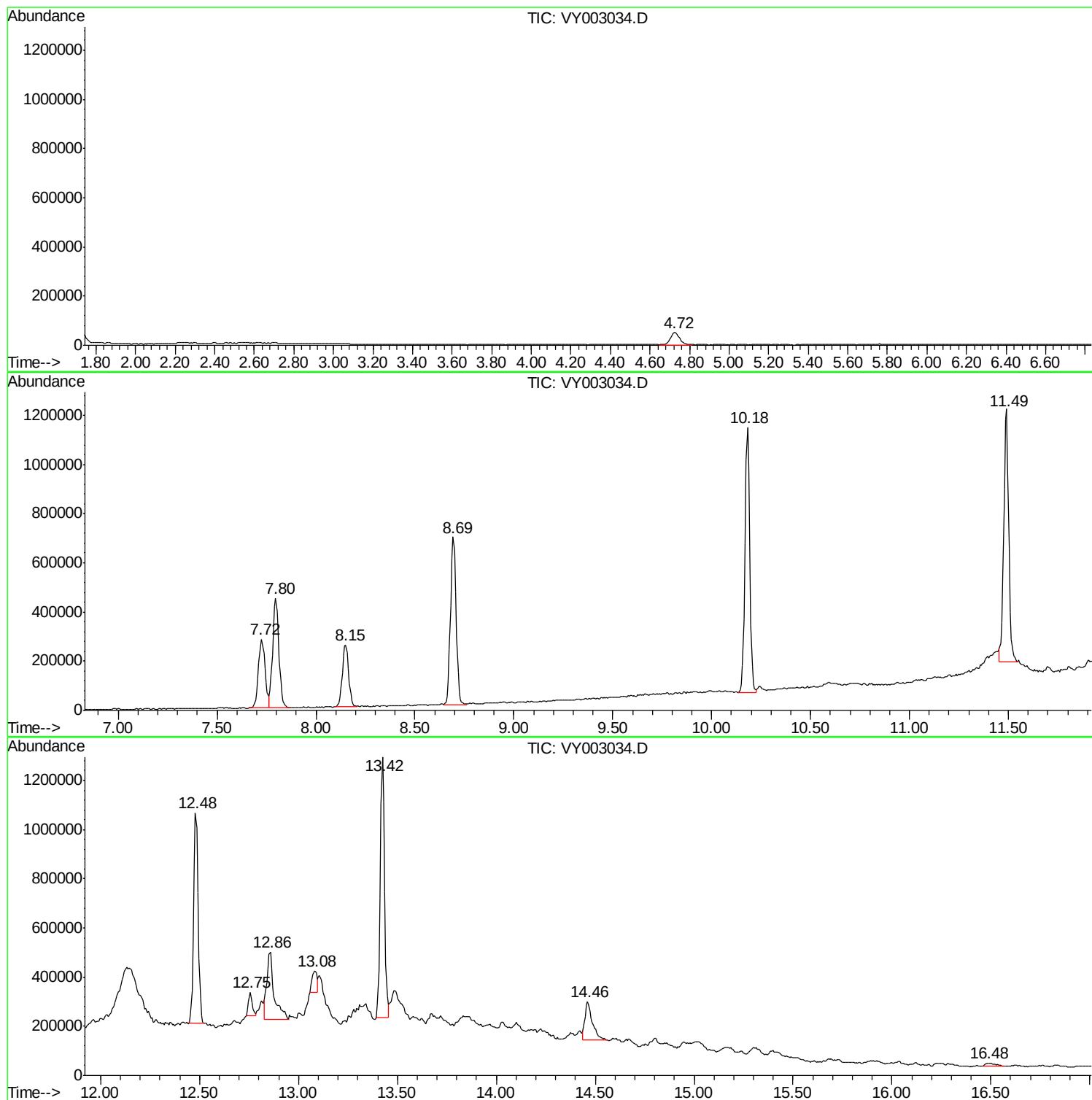
Sum of corrected areas: 11758909

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y062920S.M  
Quant Title : SW846 8260

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



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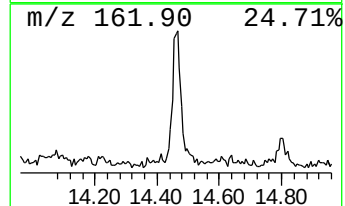
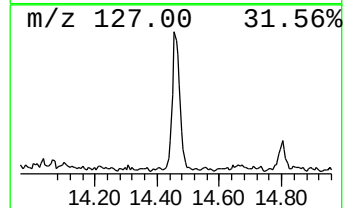
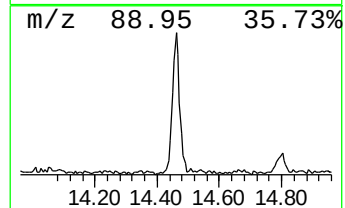
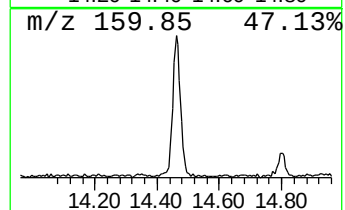
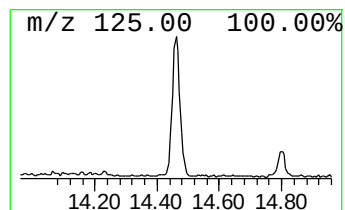
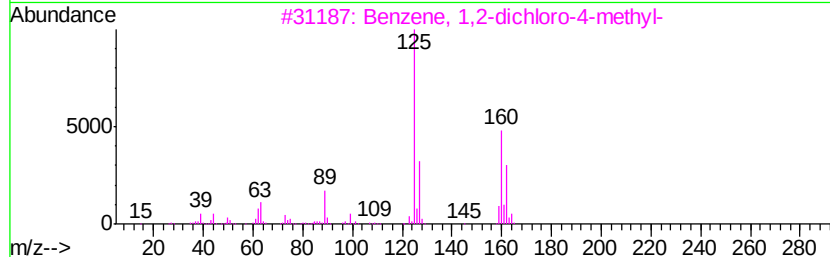
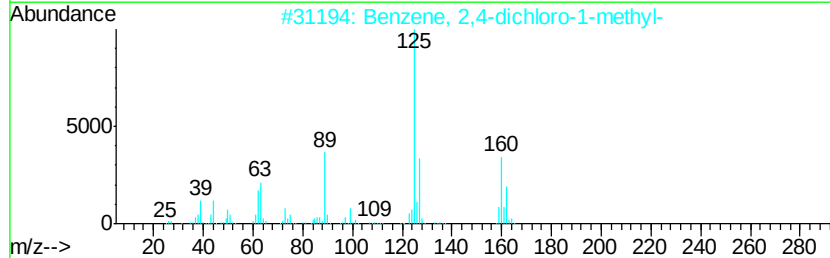
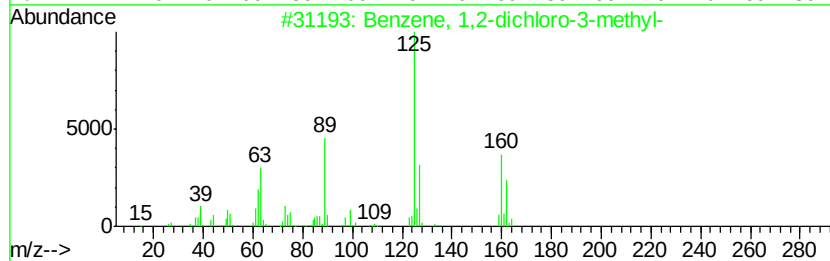
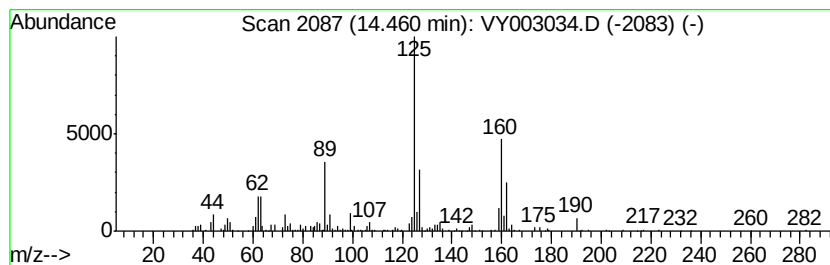
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzene, 1,2-dichloro-3-met... Concentration Rank 1

| R.T.    | EstConc    | Area                   | Relative to ISTD       | R.T.    |             |      |
|---------|------------|------------------------|------------------------|---------|-------------|------|
| 14.46   | 12.38 ug/l | 398765                 | 1,4-Dichlorobenzene-d4 | 13.42   |             |      |
| Hit# of | 5          | Tentative ID           | MW                     | MolForm | CAS#        | Qual |
| 1       | Benzene,   | 1,2-dichloro-3-methyl- | 160                    | C7H6Cl2 | 032768-54-0 | 96   |
| 2       | Benzene,   | 2,4-dichloro-1-methyl- | 160                    | C7H6Cl2 | 000095-73-8 | 95   |
| 3       | Benzene,   | 1,2-dichloro-4-methyl- | 160                    | C7H6Cl2 | 000095-75-0 | 95   |
| 4       | Benzene,   | 1,3-dichloro-5-methyl- | 160                    | C7H6Cl2 | 025186-47-4 | 94   |
| 5       | Benzene,   | 1,3-dichloro-2-methyl- | 160                    | C7H6Cl2 | 000118-69-4 | 94   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Benzene, 1,2-dich... | 14.46 | 12.4    | ug/l  | 398765   | 4                     | 13.42 | 1609920 | 50.0 |