

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022124\  
 Data File : VD078502.D  
 Acq On : 21 Feb 2024 16:41  
 Operator : RP/MD  
 Sample : P1538-09  
 Misc : 5.01G/5ml/MSVOA\_D/SOIL/A  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 20241102-AMENDED-COMPOSITE-35N-N-4-01

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\82D021324S.M

Title : SW846 8260

Signal : TIC: VD078502.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         | 1.734       | 20            | 25          | 35           | rVB      | 52108          | 85072         | 10.99%          | 1.970%        |
| 2         | 2.422       | 137           | 142         | 147          | rBV      | 10902          | 18546         | 2.40%           | 0.429%        |
| 3         | 4.028       | 406           | 415         | 419          | rBV      | 6206           | 14266         | 1.84%           | 0.330%        |
| 4         | 4.111       | 419           | 429         | 442          | rVB      | 87701          | 232135        | 29.98%          | 5.375%        |
| 5         | 4.269       | 448           | 456         | 468          | rVB      | 11873          | 32864         | 4.24%           | 0.761%        |
| 6         | 4.799       | 536           | 546         | 548          | rBV3     | 11045          | 24137         | 3.12%           | 0.559%        |
| 7         | 7.069       | 923           | 932         | 934          | rBV3     | 4599           | 9052          | 1.17%           | 0.210%        |
| 8         | 7.810       | 1047          | 1058        | 1063         | rBV      | 49408          | 119555        | 15.44%          | 2.768%        |
| 9         | 7.875       | 1063          | 1069        | 1079         | rVB      | 136093         | 315620        | 40.76%          | 7.309%        |
| 10        | 8.234       | 1121          | 1130        | 1140         | rBV2     | 66445          | 147815        | 19.09%          | 3.423%        |
| 11        | 8.781       | 1214          | 1223        | 1232         | rBV      | 242142         | 483716        | 62.47%          | 11.201%       |
| 12        | 10.269      | 1468          | 1476        | 1486         | rBV      | 406680         | 725418        | 93.68%          | 16.798%       |
| 13        | 10.663      | 1538          | 1543        | 1548         | rVB2     | 5714           | 10476         | 1.35%           | 0.243%        |
| 14        | 11.581      | 1690          | 1699        | 1715         | rVB      | 448504         | 757169        | 97.78%          | 17.533%       |
| 15        | 12.575      | 1861          | 1868        | 1875         | rBV      | 346609         | 568292        | 73.39%          | 13.160%       |
| 16        | 13.516      | 2020          | 2028        | 2038         | rBV      | 488167         | 774339        | 100.00%         | 17.931%       |

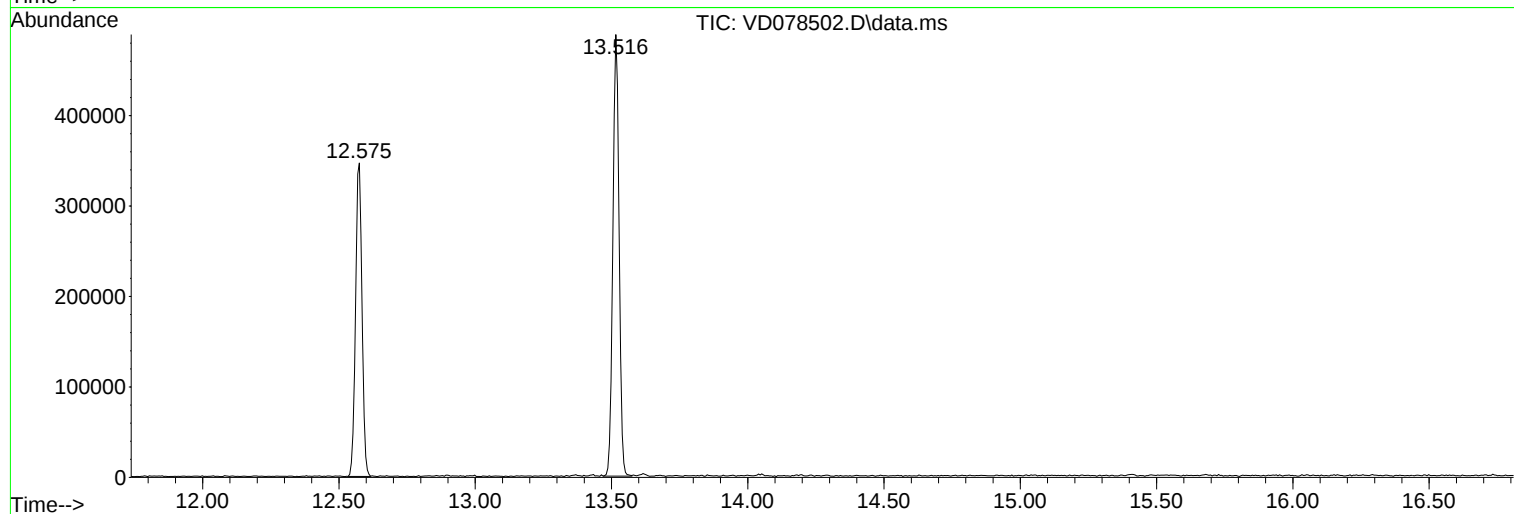
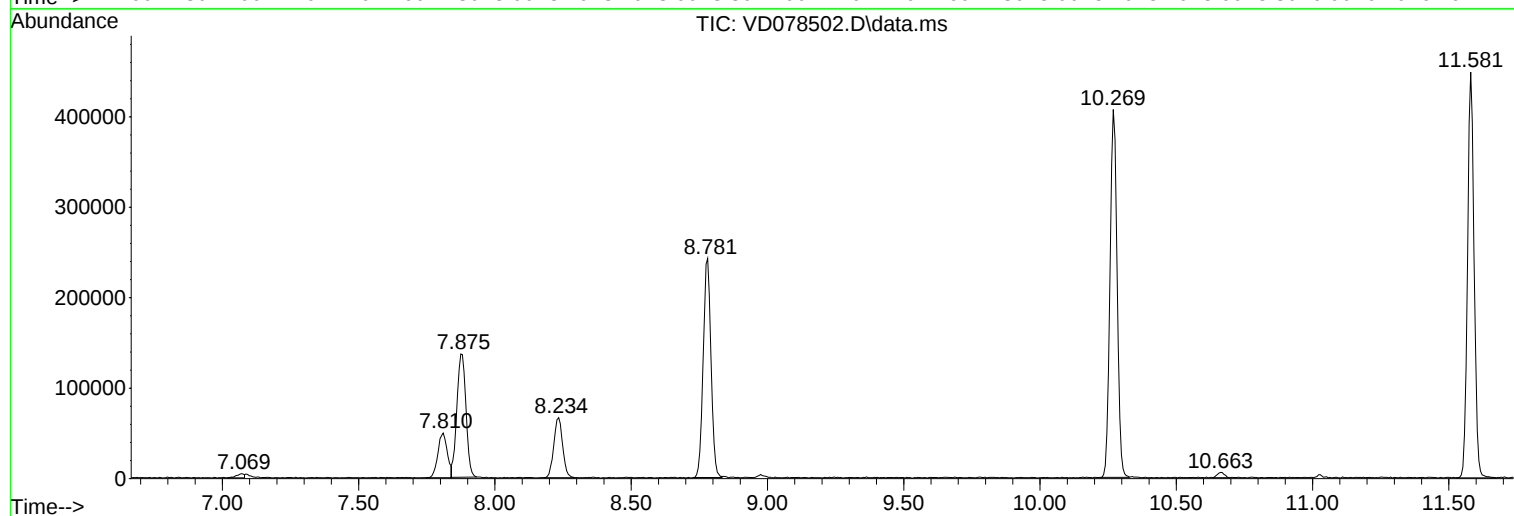
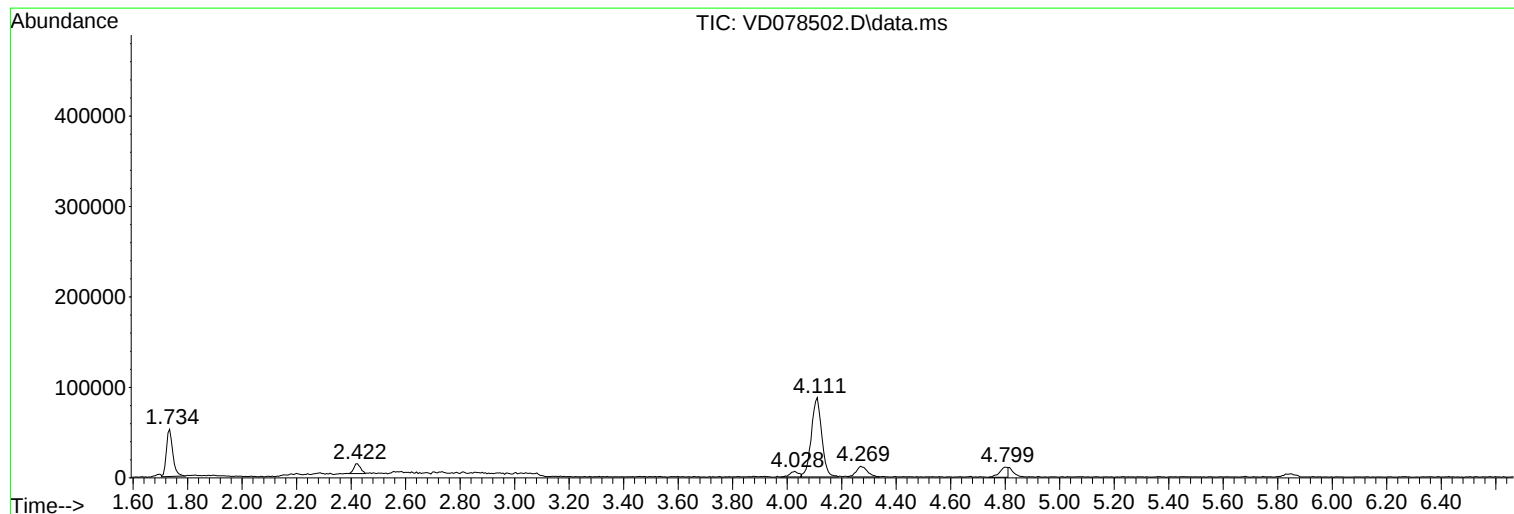
Sum of corrected areas: 4318472

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021324S.M  
Quant Title : SW846 8260

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



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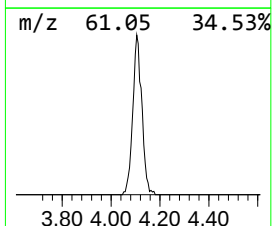
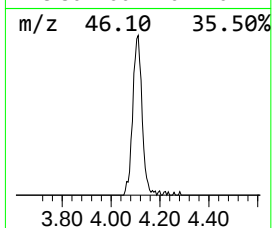
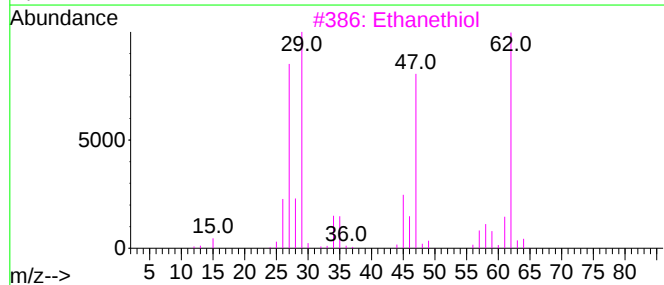
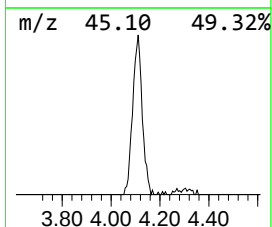
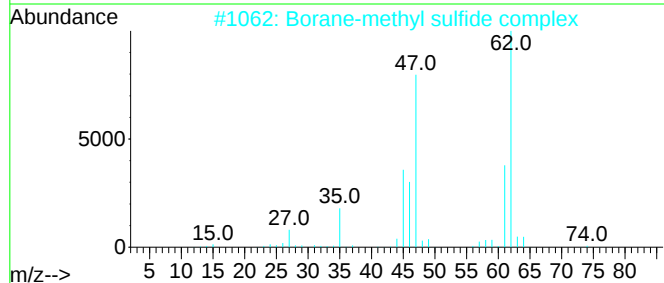
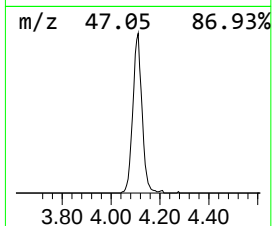
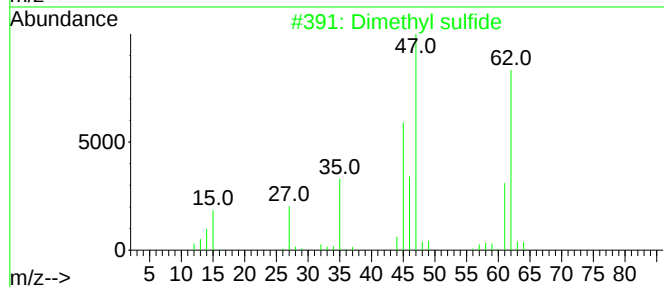
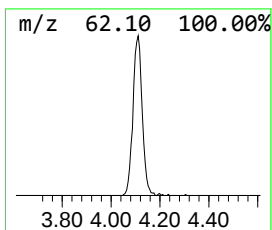
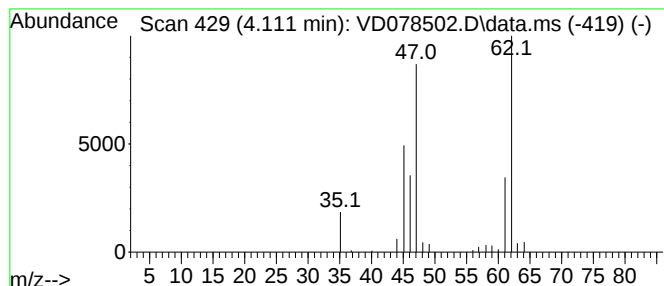
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021324S.M  
Quant Title : SW846 8260

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

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Peak Number 2 Dimethyl sulfide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 4.111 | 36.77 ug/l | 232135 | Pentafluorobenzene | 7.875 |

| Hit# | of | 5 | Tentative ID                  | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|----|---------|-------------|------|
| 1    |    |   | Dimethyl sulfide              | 62 | C2H6S   | 000075-18-3 | 95   |
| 2    |    |   | Borane-methyl sulfide complex | 76 | C2H9BS  | 013292-87-0 | 90   |
| 3    |    |   | Ethanethiol                   | 62 | C2H6S   | 000075-08-1 | 86   |
| 4    |    |   | Ethene, chloro-               | 62 | C2H3Cl  | 000075-01-4 | 40   |
| 5    |    |   | Phosphine, ethyl-             | 62 | C2H7P   | 000593-68-0 | 5    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Dimethyl sulfide | 4.111 | 36.8    | ug/l  | 232135   | 1                     | 7.875 | 315620 | 50.0 |