

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052122\  
 Data File : VD073265.D  
 Acq On : 22 May 2022 09:56  
 Operator : VA/SY  
 Sample : N2920-20  
 Misc : 5.38G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P024-SS008-0006-01

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\82D051922S.M  
 Title : SW846 8260

Signal : TIC: VD073265.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         | 4.238       | 385           | 394         | 404          | rVB      | 39936          | 108051        | 5.40%           | 0.884%        |
| 2         | 5.985       | 683           | 691         | 700          | rBV5     | 7015           | 21196         | 1.06%           | 0.173%        |
| 3         | 7.185       | 887           | 895         | 905          | rBV2     | 26836          | 73792         | 3.69%           | 0.604%        |
| 4         | 7.908       | 1007          | 1018        | 1023         | rBV      | 283255         | 679986        | 34.01%          | 5.564%        |
| 5         | 7.973       | 1023          | 1029        | 1044         | rVB      | 443498         | 990109        | 49.52%          | 8.101%        |
| 6         | 8.326       | 1074          | 1089        | 1099         | rBV      | 280636         | 656065        | 32.81%          | 5.368%        |
| 7         | 8.855       | 1170          | 1179        | 1195         | rBV      | 669829         | 1357972       | 67.92%          | 11.111%       |
| 8         | 10.332      | 1420          | 1430        | 1439         | rBV      | 1095321        | 1925913       | 96.32%          | 15.758%       |
| 9         | 10.714      | 1489          | 1495        | 1502         | rVB2     | 38509          | 66392         | 3.32%           | 0.543%        |
| 10        | 11.073      | 1549          | 1556        | 1566         | rBV      | 170649         | 280471        | 14.03%          | 2.295%        |
| 11        | 11.637      | 1643          | 1652        | 1665         | rBV      | 1067077        | 1871718       | 93.61%          | 15.314%       |
| 12        | 12.620      | 1809          | 1819        | 1827         | rBV      | 972845         | 1595739       | 79.81%          | 13.056%       |
| 13        | 12.937      | 1867          | 1873        | 1884         | rBV2     | 52095          | 106386        | 5.32%           | 0.870%        |
| 14        | 13.202      | 1908          | 1918        | 1926         | rVB      | 51793          | 103129        | 5.16%           | 0.844%        |
| 15        | 13.308      | 1931          | 1936        | 1944         | rVB2     | 35183          | 61790         | 3.09%           | 0.506%        |
| 16        | 13.414      | 1944          | 1954        | 1960         | rBV2     | 74637          | 142847        | 7.14%           | 1.169%        |
| 17        | 13.561      | 1969          | 1979        | 1985         | rBV      | 1218067        | 1999440       | 100.00%         | 16.359%       |
| 18        | 13.614      | 1985          | 1988        | 1997         | rVB2     | 75051          | 135636        | 6.78%           | 1.110%        |
| 19        | 13.773      | 2007          | 2015        | 2020         | rBV7     | 24093          | 45439         | 2.27%           | 0.372%        |

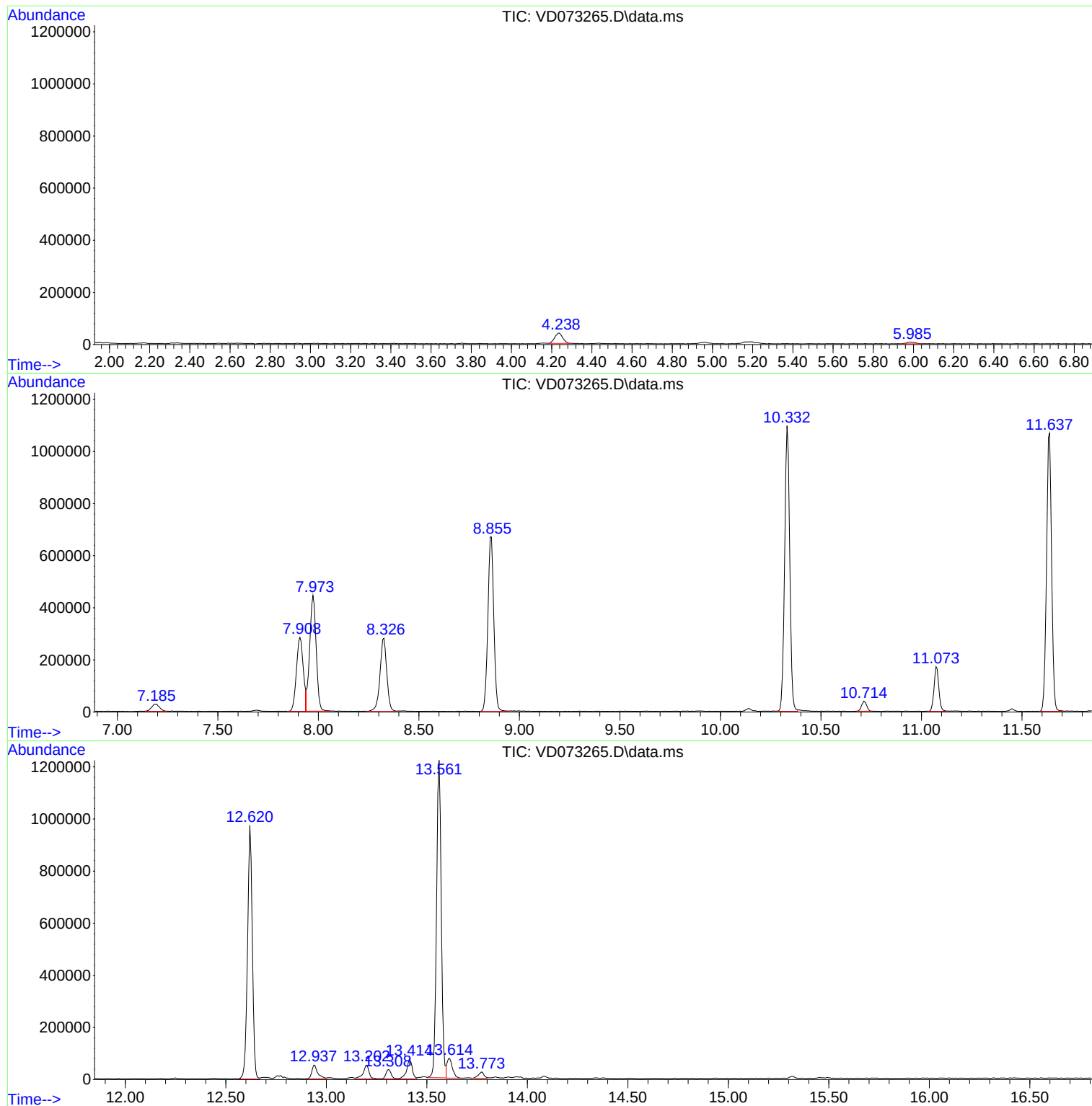
Sum of corrected areas: 12222071

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ClientSampleId :  
P024-SS008-0006-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

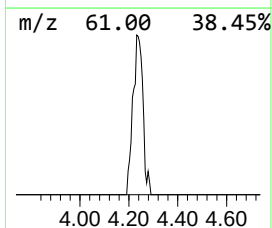
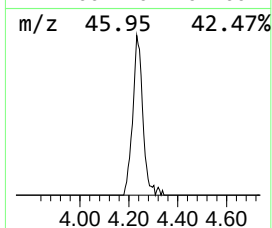
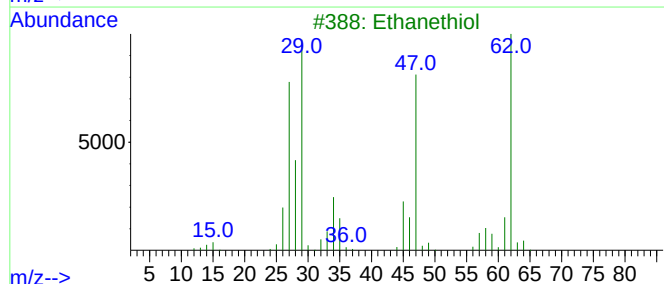
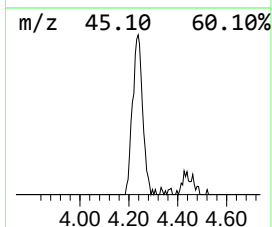
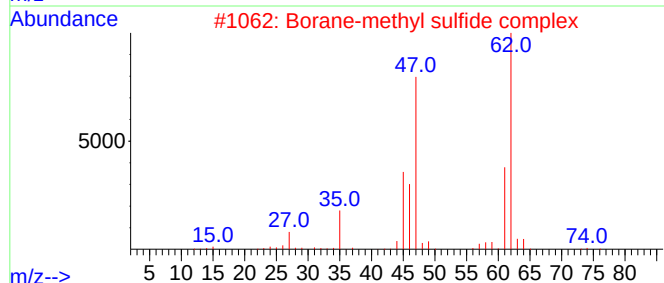
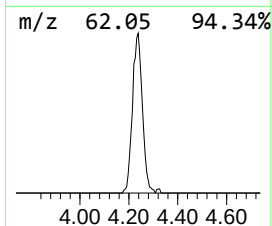
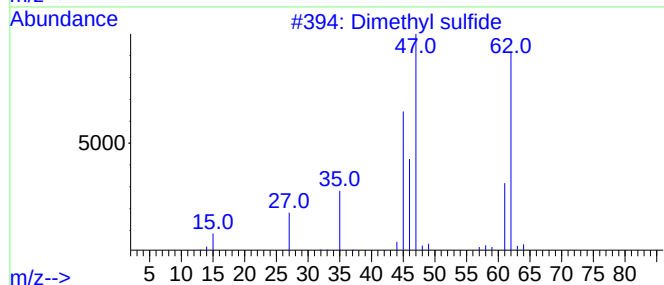
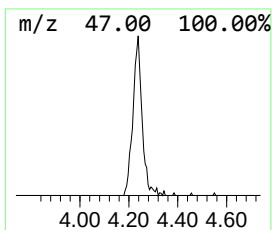
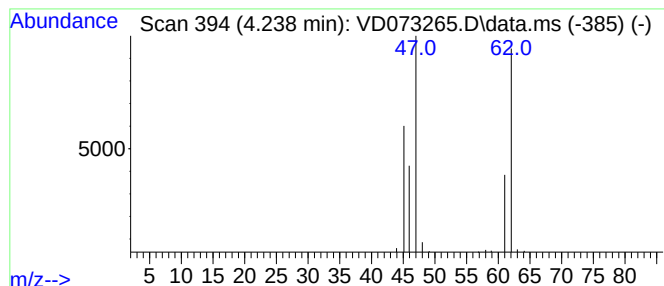
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Dimethyl sulfide Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD   | R.T.  |
|-------|-----------|--------|--------------------|-------|
| 4.238 | 5.46 ug/l | 108051 | Pentafluorobenzene | 7.973 |

| Hit# | of | 5 | Tentative ID                  | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|----|---------|-------------|------|
| 1    |    |   | Dimethyl sulfide              | 62 | C2H6S   | 000075-18-3 | 91   |
| 2    |    |   | Borane-methyl sulfide complex | 76 | C2H9BS  | 013292-87-0 | 83   |
| 3    |    |   | Ethanethiol                   | 62 | C2H6S   | 000075-08-1 | 64   |
| 4    |    |   | Boric acid                    | 62 | BH3O3   | 010043-35-3 | 5    |
| 5    |    |   | 1,2-Ethanediol                | 62 | C2H6O2  | 000107-21-1 | 5    |



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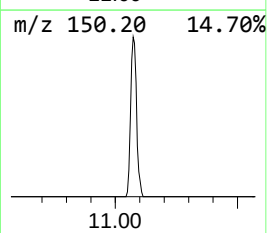
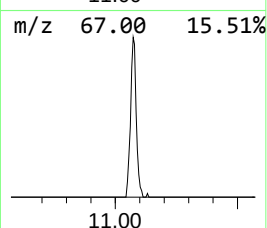
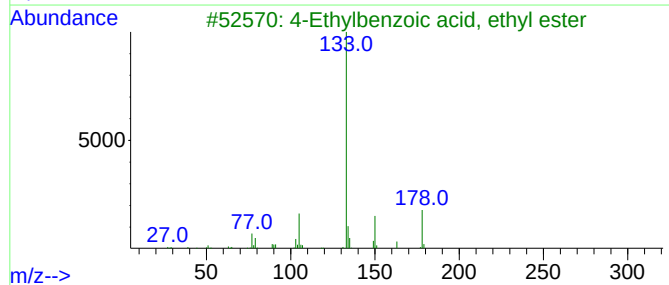
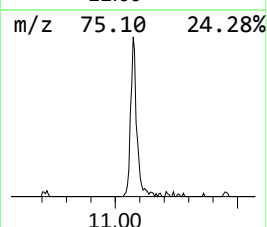
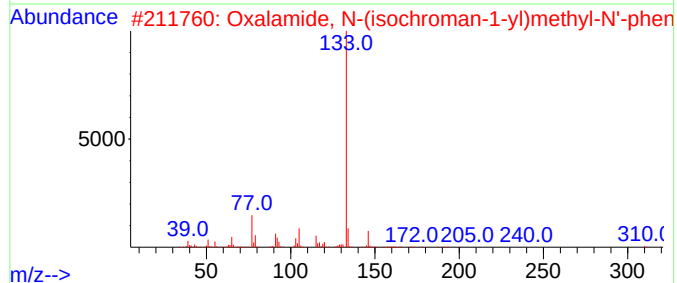
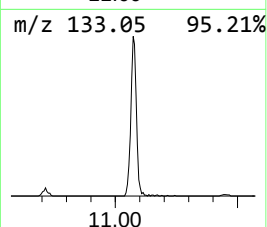
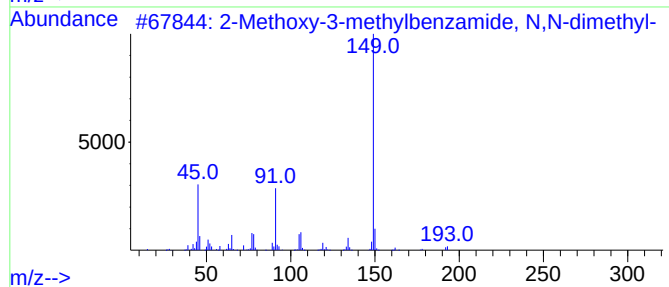
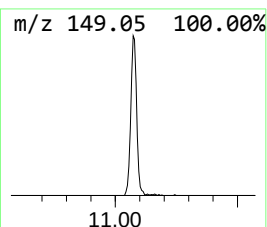
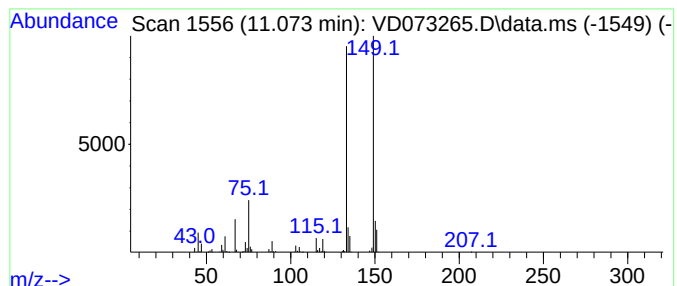
TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown11.073 Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 11.073 | 7.49 ug/l | 280471 | Chlorobenzene-d5 | 11.637 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 2-Methoxy-3-methylbenzamide, N,N... | 193 | C11H15NO2  | 1369798-01-5 | 32   |
| 2    |    |   | Oxalamide, N-(isochroman-1-yl)me... | 310 | C18H18N2O3 | 1000304-26-0 | 27   |
| 3    |    |   | 4-Ethylbenzoic acid, ethyl ester    | 178 | C11H14O2   | 036207-13-3  | 25   |
| 4    |    |   | Thioglycolic acid, tert-butyldim... | 206 | C8H18O2SSi | 1000476-01-2 | 23   |
| 5    |    |   | Benzo[b]thiophene-3-methanol, 2,... | 180 | C10H12OS   | 039891-65-1  | 17   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| Dimethyl sulfide | 4.238  | 5.5     | ug/l  | 108051   | 1                     | 7.973  | 990109  | 50.0 |
| unknown11.073    | 11.073 | 7.5     | ug/l  | 280471   | 3                     | 11.637 | 1871720 | 50.0 |