

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080524\  
Data File : VD079588.D  
Acq On : 05 Aug 2024 18:39  
Operator : RP/MD  
Sample : P3448-03  
Misc : 4.09G/5.0ml/MSVOA\_D/SOIL/A  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP2

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\82D072924S.M

Title : SW846 8260

Signal : TIC: VD079588.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         | 1.746       | 19            | 27          | 42           | rBV      | 3181731        | 4897841       | 100.00%         | 81.177%       |
| 2         | 4.805       | 536           | 547         | 558          | rBV3     | 28865          | 90753         | 1.85%           | 1.504%        |
| 3         | 7.805       | 1048          | 1057        | 1063         | rBV3     | 61836          | 152560        | 3.11%           | 2.529%        |
| 4         | 7.875       | 1063          | 1069        | 1079         | rVB      | 94749          | 206627        | 4.22%           | 3.425%        |
| 5         | 8.234       | 1121          | 1130        | 1139         | rBV2     | 48775          | 111250        | 2.27%           | 1.844%        |
| 6         | 8.775       | 1214          | 1222        | 1231         | rBV      | 86989          | 178678        | 3.65%           | 2.961%        |
| 7         | 10.263      | 1469          | 1475        | 1485         | rBV      | 61252          | 112024        | 2.29%           | 1.857%        |
| 8         | 11.581      | 1692          | 1699        | 1705         | rBV      | 35163          | 61701         | 1.26%           | 1.023%        |
| 9         | 12.575      | 1858          | 1868        | 1875         | rBV8     | 30728          | 79336         | 1.62%           | 1.315%        |
| 10        | 13.369      | 1994          | 2003        | 2010         | rBV3     | 38718          | 74210         | 1.52%           | 1.230%        |
| 11        | 13.569      | 2032          | 2037        | 2046         | rVB5     | 30793          | 68587         | 1.40%           | 1.137%        |

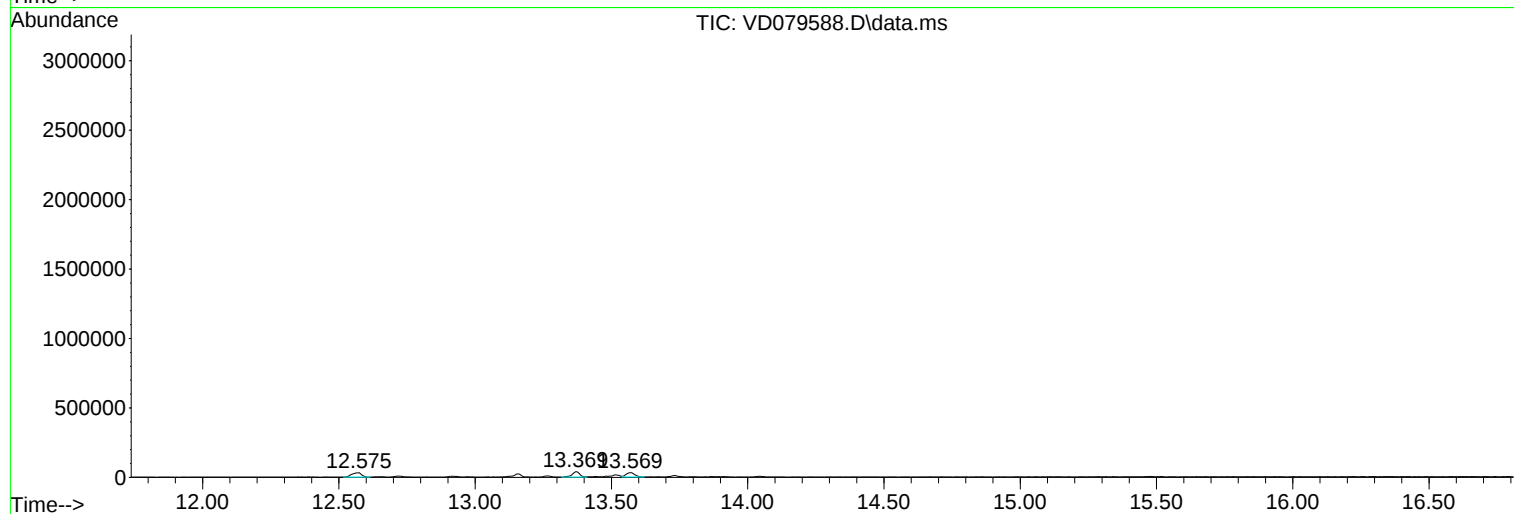
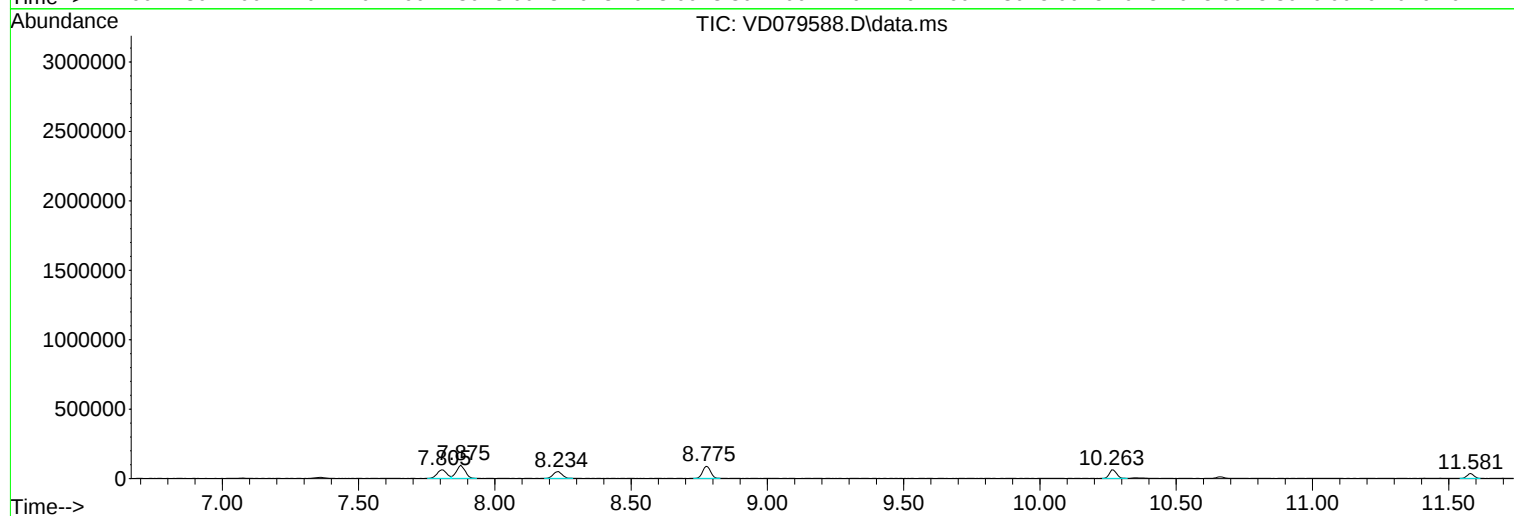
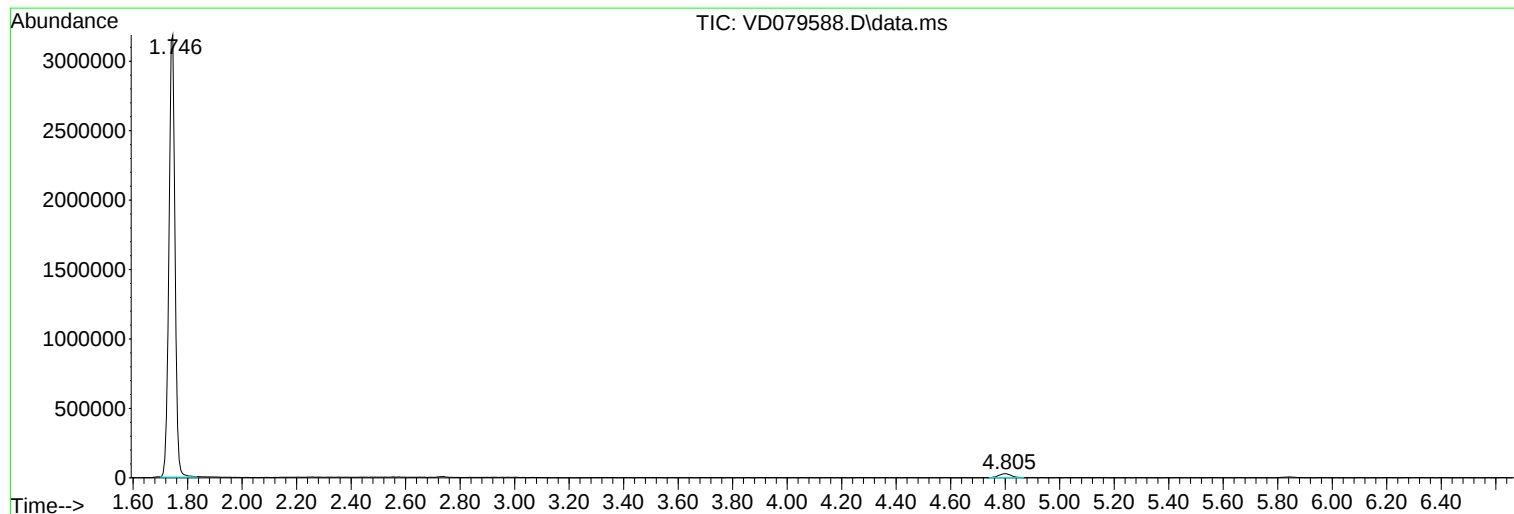
Sum of corrected areas: 6033567

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072924S.M  
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

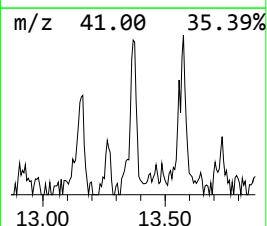
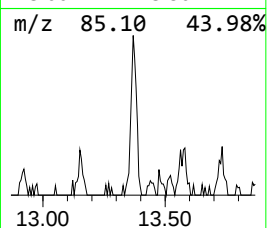
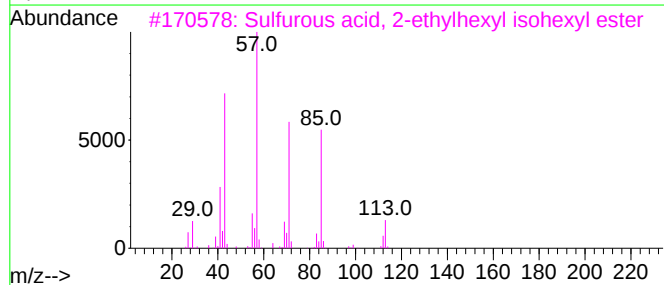
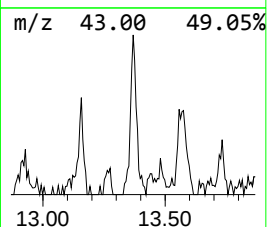
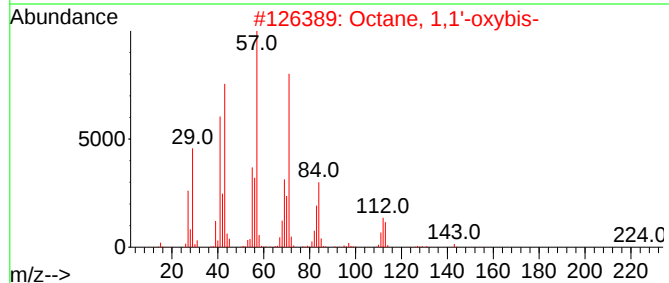
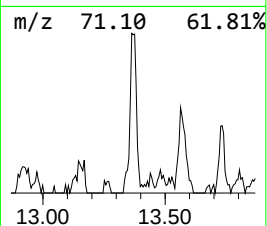
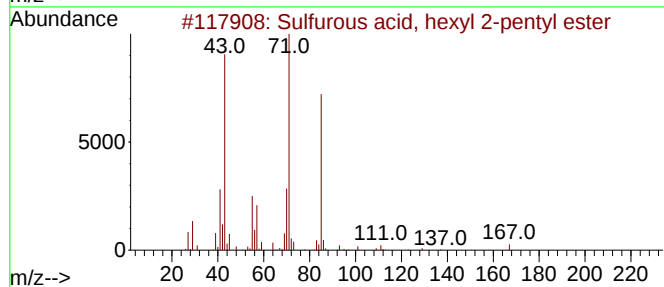
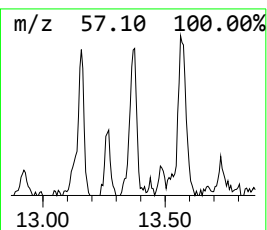
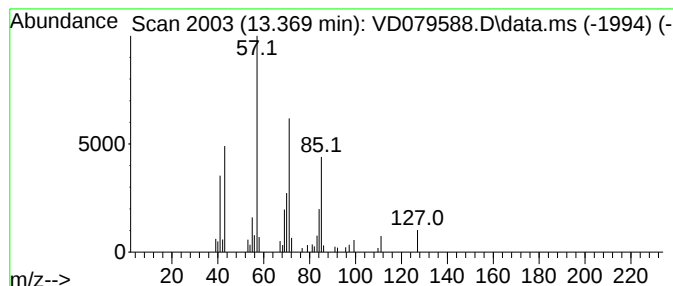
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Sulfurous acid, hexyl 2-pen... Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 13.369 | 54.10 ug/l | 74210 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, hexyl 2-pentyl e... | 236 | C11H24O3S | 1000309-15-6 | 50   |
| 2    |    |   | Octane, 1,1'-oxybis-                | 242 | C16H34O   | 000629-82-3  | 50   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 50   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 50   |
| 5    |    |   | Sulfurous acid, butyl nonyl ester   | 264 | C13H28O3S | 1000309-17-6 | 45   |



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Quant Title : SW846 8260

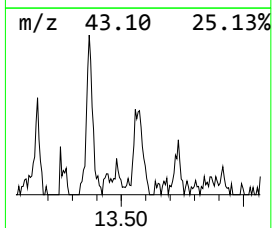
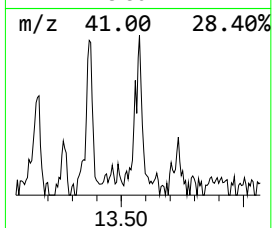
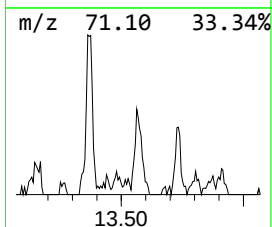
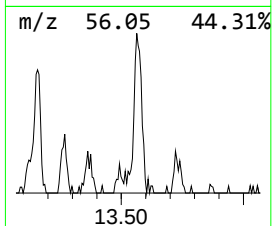
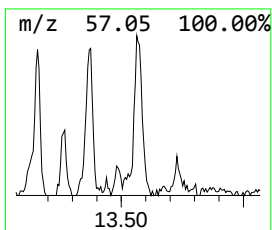
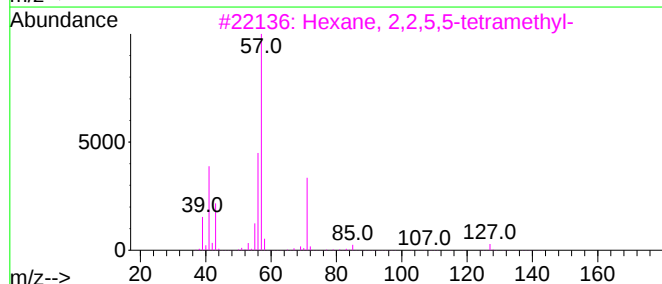
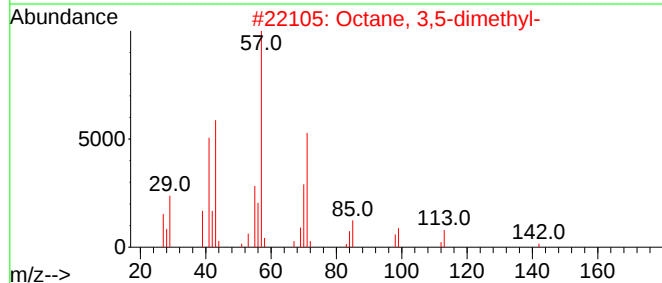
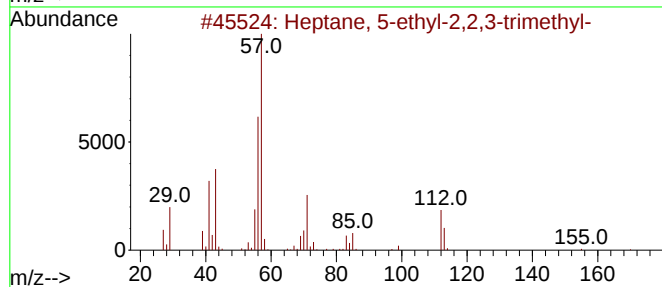
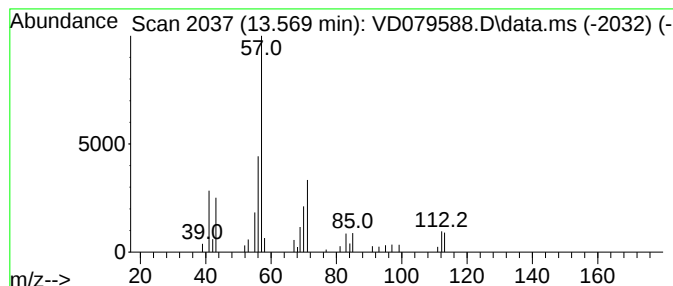
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Peak Number 3 Heptane, 5-ethyl-2,2,3-trimethyl- Concentration Rank 3

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 13.569 | 50.00 ug/l | 68587 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 5-ethyl-2,2,3-trimethyl- | 170 | C12H26  | 062199-06-8 | 56   |
| 2    |    |   | Octane, 3,5-dimethyl-             | 142 | C10H22  | 015869-93-9 | 47   |
| 3    |    |   | Hexane, 2,2,5,5-tetramethyl-      | 142 | C10H22  | 001071-81-4 | 43   |
| 4    |    |   | Decane, 2,6,7-trimethyl-          | 184 | C13H28  | 062108-25-2 | 42   |
| 5    |    |   | Nonane, 3-methyl-                 | 142 | C10H22  | 005911-04-6 | 40   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |       |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|-------|------|
|                    |        |         |       |          | #                     | RT     | Resp  | Conc |
| Sulfurous acid,... | 13.369 | 54.1    | ug/l  | 74210    | 4                     | 13.516 | 68587 | 50.0 |
| Heptane, 5-ethy... | 13.569 | 50.0    | ug/l  | 68587    | 4                     | 13.516 | 68587 | 50.0 |