

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD071723\  
 Data File : VD076754.D  
 Acq On : 17 Jul 2023 15:01  
 Operator : KP/SY  
 Sample : 03645-04  
 Misc : 5.67G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-08-(0.5-2.0)

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\82D071423S.M

Title : SW846 8260

Signal : TIC: VD076754.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         | 1.740       | 18            | 26          | 41           | rVB      | 807174         | 1480572       | 100.00%         | 22.735%       |
| 2         | 4.793       | 535           | 545         | 557          | rBV5     | 26194          | 85839         | 5.80%           | 1.318%        |
| 3         | 5.840       | 713           | 723         | 736          | rVB4     | 23458          | 73532         | 4.97%           | 1.129%        |
| 4         | 7.805       | 1047          | 1057        | 1063         | rBV2     | 162596         | 392199        | 26.49%          | 6.023%        |
| 5         | 7.875       | 1063          | 1069        | 1079         | rVB      | 194573         | 446136        | 30.13%          | 6.851%        |
| 6         | 8.228       | 1120          | 1129        | 1140         | rBV      | 129483         | 295246        | 19.94%          | 4.534%        |
| 7         | 8.775       | 1214          | 1222        | 1234         | rBV      | 377114         | 745844        | 50.38%          | 11.453%       |
| 8         | 10.269      | 1468          | 1476        | 1486         | rBV      | 586138         | 1054642       | 71.23%          | 16.195%       |
| 9         | 11.581      | 1690          | 1699        | 1711         | rBV      | 499799         | 851148        | 57.49%          | 13.070%       |
| 10        | 12.575      | 1861          | 1868        | 1877         | rVB      | 324723         | 532334        | 35.95%          | 8.174%        |
| 11        | 13.516      | 2018          | 2028        | 2040         | rBV      | 341745         | 554736        | 37.47%          | 8.518%        |

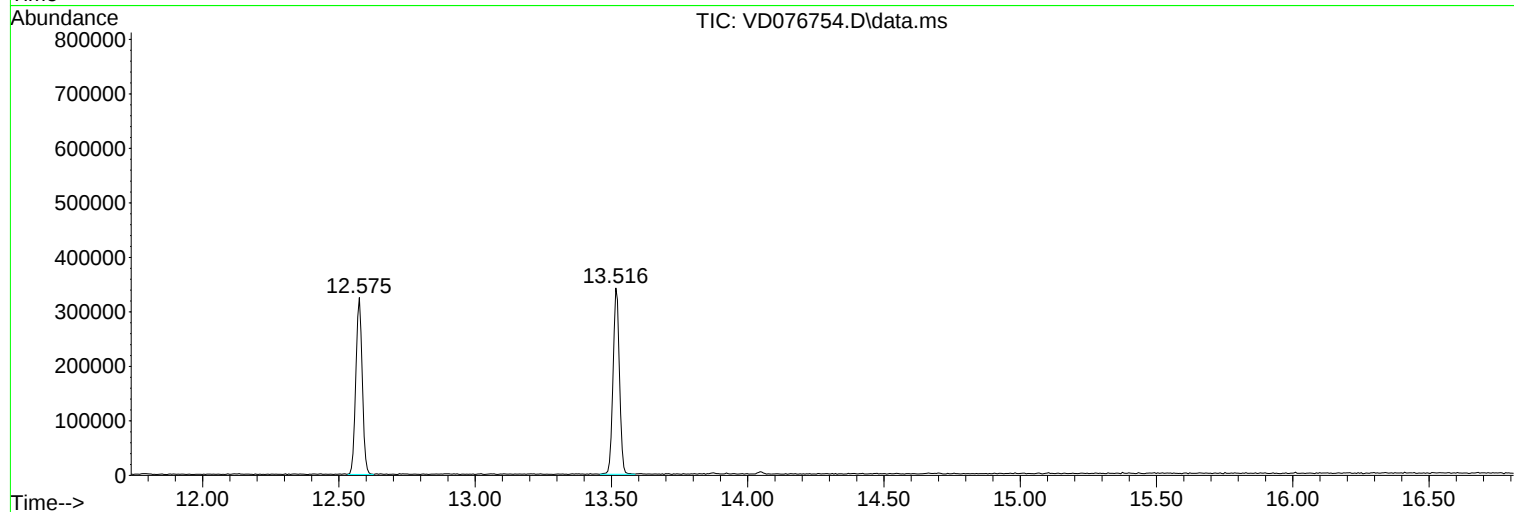
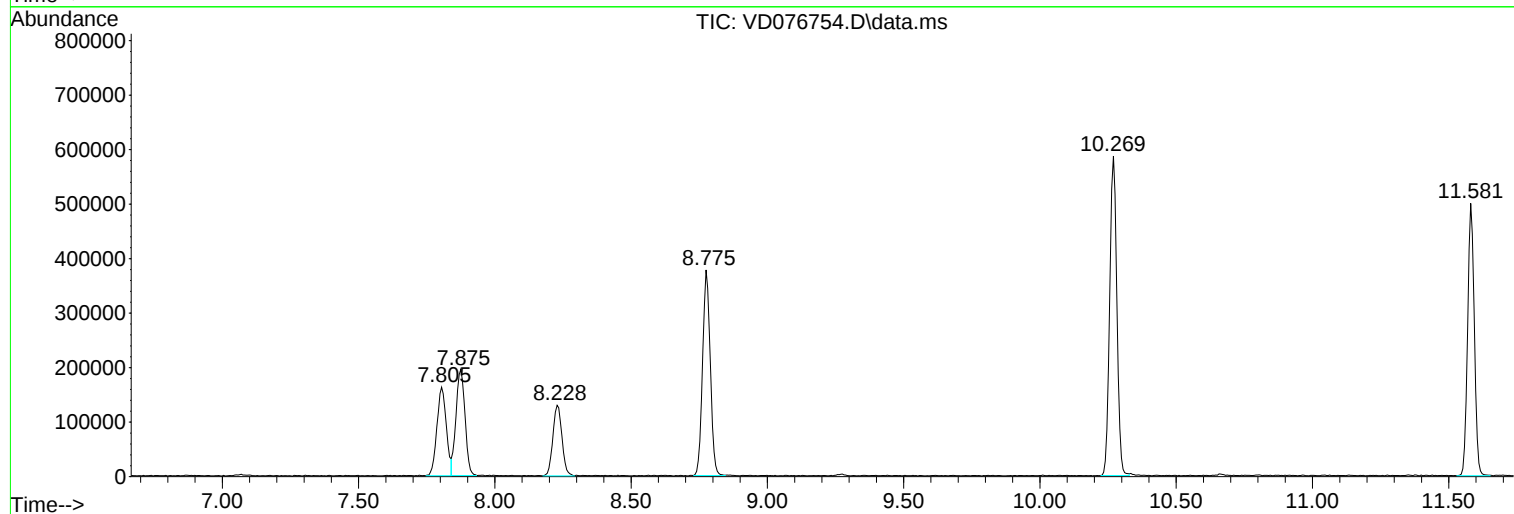
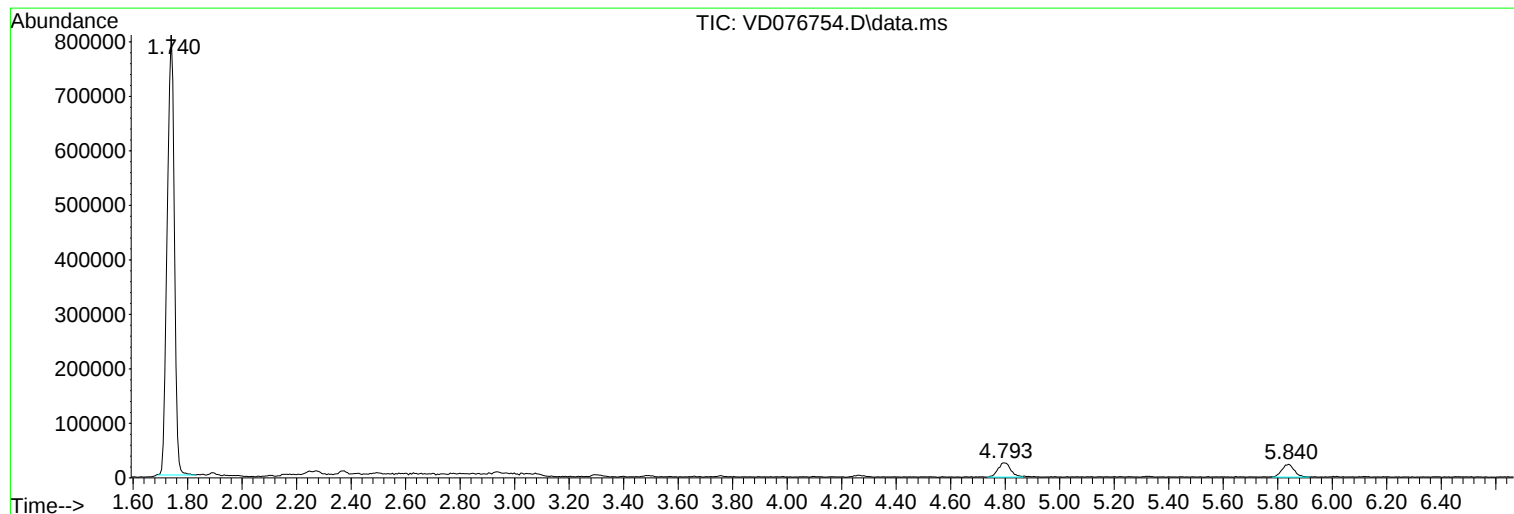
Sum of corrected areas: 6512228

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071423S.M  
Quant Title : SW846 8260

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



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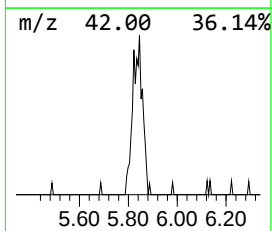
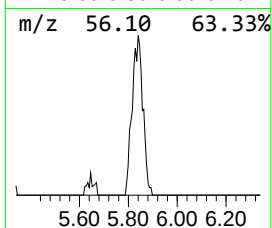
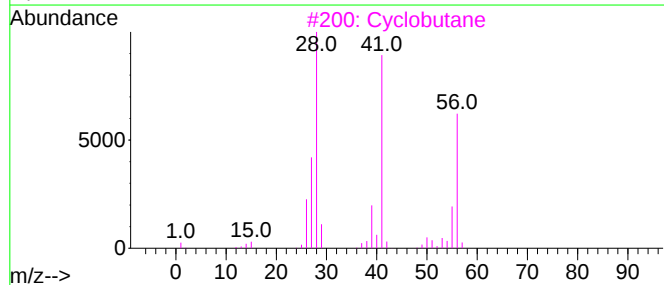
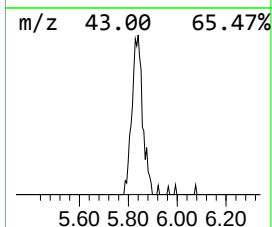
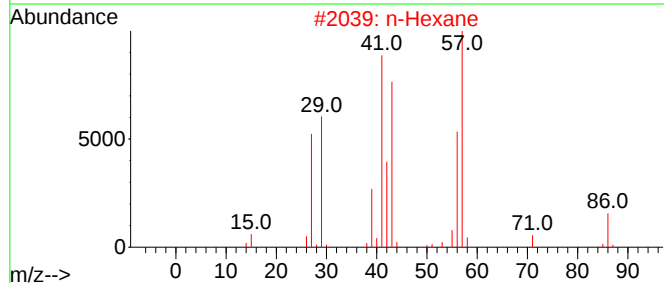
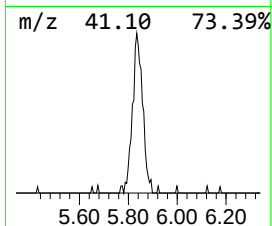
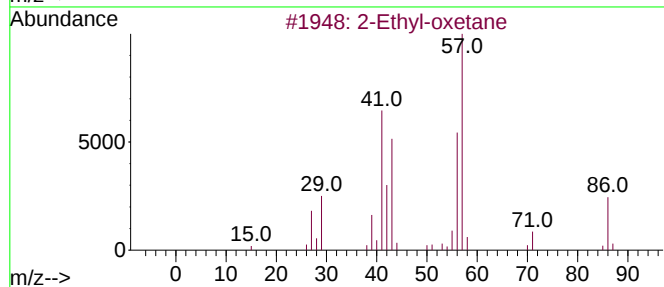
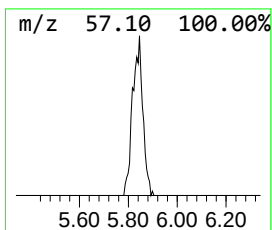
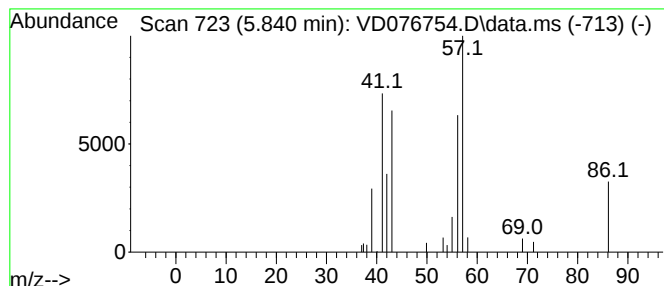
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Peak Number 3 2-Ethyl-oxetane Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 5.840 | 8.24 ug/l | 73532 | Pentafluorobenzene | 7.875 |

| Hit# | of                   | 5 | Tentative ID | MW  | MolForm | CAS#         | Qual |
|------|----------------------|---|--------------|-----|---------|--------------|------|
| 1    | 2-Ethyl-oxetane      |   |              | 86  | C5H10O  | 1010386-40-2 | 80   |
| 2    | n-Hexane             |   |              | 86  | C6H14   | 000110-54-3  | 64   |
| 3    | Cyclobutane          |   |              | 56  | C4H8    | 000287-23-0  | 38   |
| 4    | Tetrahydropyran      |   |              | 86  | C5H10O  | 000142-68-7  | 38   |
| 5    | Hydroperoxide, hexyl |   |              | 118 | C6H14O2 | 004312-76-9  | 37   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Ethyl-oxetane  | 5.840 | 8.2     | ug/l  | 73532    | 1                     | 7.875 | 446136 | 50.0 |