

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012622\  
 Data File : VY007304.D  
 Acq On : 26 Jan 2022 14:11  
 Operator : SY/MD  
 Sample : N1266-07  
 Misc : 7.26g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RB-07-(2-3)

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\82Y011322S.M

Title : SW846 8260

Signal : TIC: VY007304.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         | 4.814       | 481           | 491         | 509          | rVB2     | 43948          | 156260        | 10.53%          | 3.797%        |
| 2         | 7.722       | 957           | 968         | 974          | rBV      | 76086          | 183413        | 12.36%          | 4.457%        |
| 3         | 7.795       | 974           | 980         | 992          | rVB      | 120217         | 271787        | 18.31%          | 6.604%        |
| 4         | 8.149       | 1028          | 1038        | 1048         | rBV      | 69457          | 155233        | 10.46%          | 3.772%        |
| 5         | 8.691       | 1119          | 1127        | 1142         | rVB      | 192077         | 382988        | 25.80%          | 9.307%        |
| 6         | 10.185      | 1364          | 1372        | 1379         | rBV      | 301360         | 527728        | 35.56%          | 12.824%       |
| 7         | 11.496      | 1580          | 1587        | 1595         | rBV      | 283574         | 469975        | 31.66%          | 11.420%       |
| 8         | 12.489      | 1741          | 1750        | 1759         | rBV2     | 848778         | 1484248       | 100.00%         | 36.067%       |
| 9         | 13.428      | 1898          | 1904        | 1910         | rVB      | 270039         | 413197        | 27.84%          | 10.041%       |
| 10        | 13.965      | 1986          | 1992        | 1999         | rVB      | 46291          | 70418         | 4.74%           | 1.711%        |

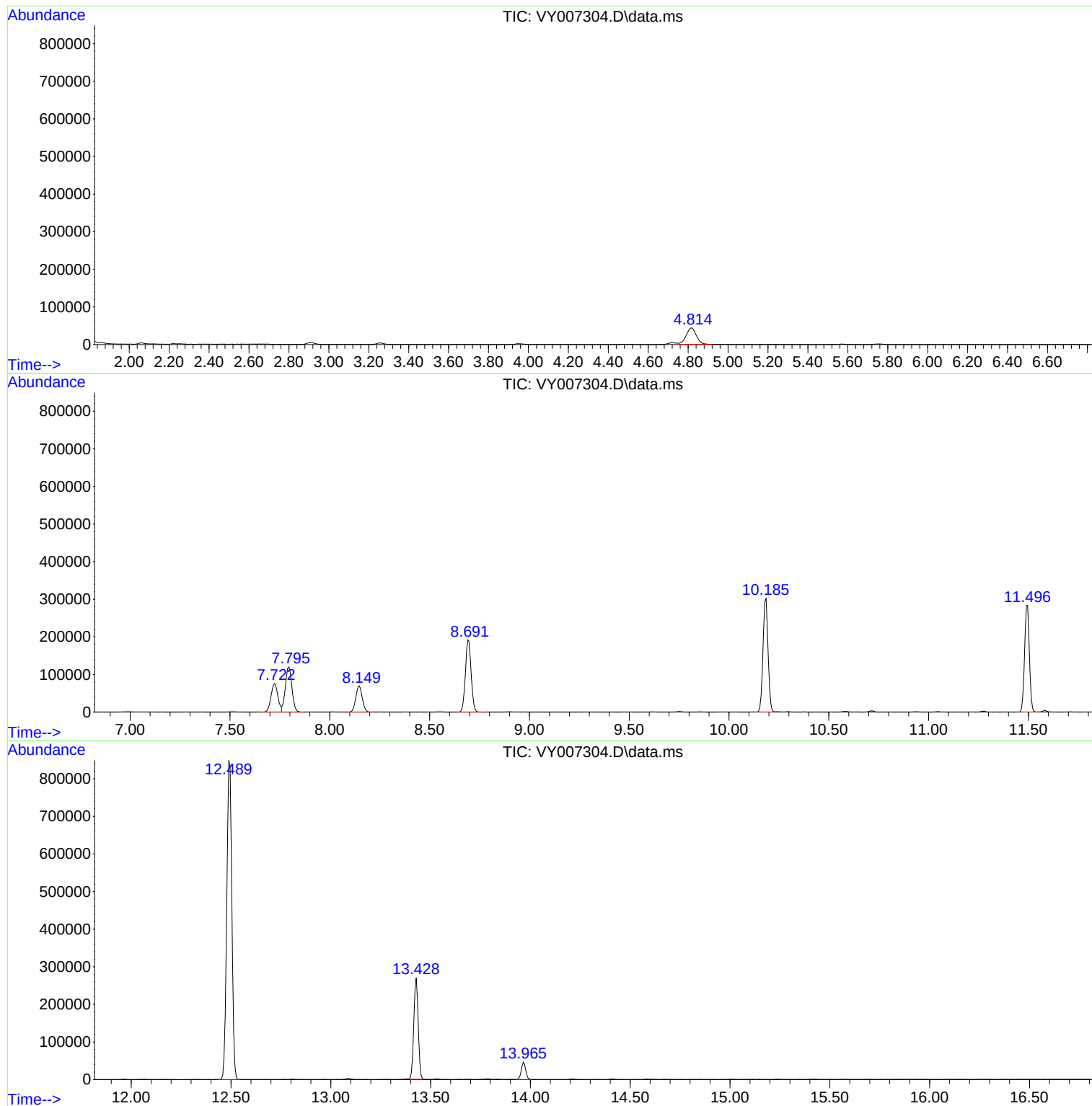
Sum of corrected areas: 4115247

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260

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



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RB-07-(2-3)

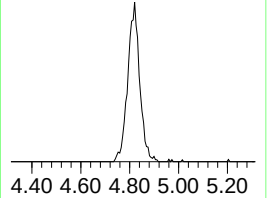
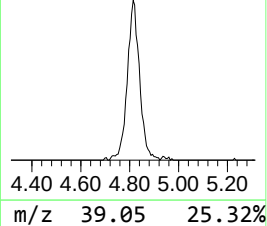
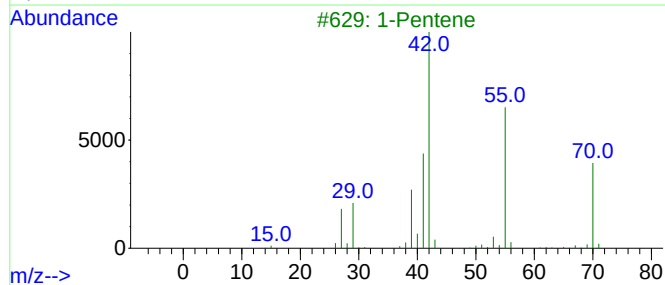
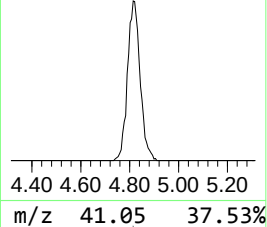
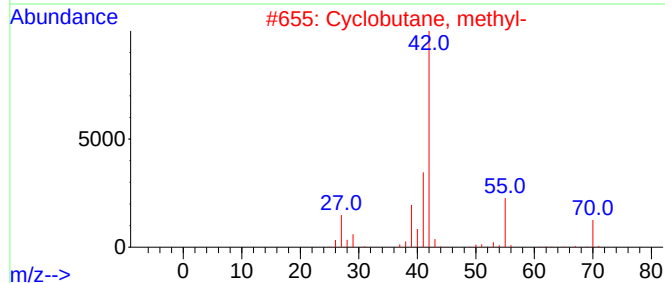
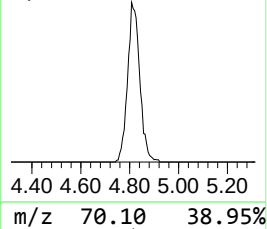
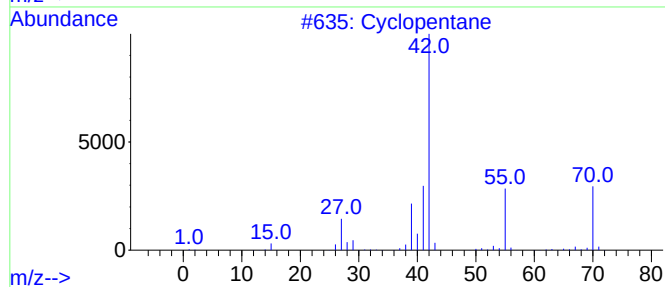
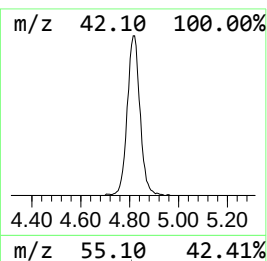
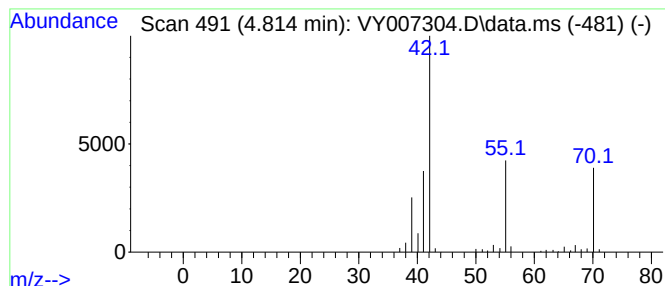
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260

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

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Peak Number 1 Cyclopentane Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 4.814 | 28.75 ug/l | 156260 | Pentafluorobenzene | 7.795 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclopentane                     | 70  | C5H10   | 000287-92-3 | 86   |
| 2    |    |   | Cyclobutane, methyl-             | 70  | C5H10   | 000598-61-8 | 78   |
| 3    |    |   | 1-Pentene                        | 70  | C5H10   | 000109-67-1 | 72   |
| 4    |    |   | Cyclobutanone                    | 70  | C4H6O   | 001191-95-3 | 56   |
| 5    |    |   | 2H-Pyran-2,6(3H)-dione, dihydro- | 114 | C5H6O3  | 000108-55-4 | 9    |



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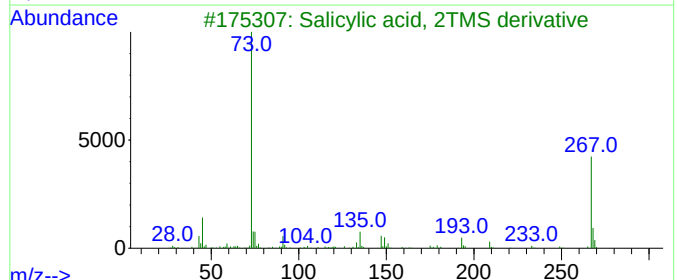
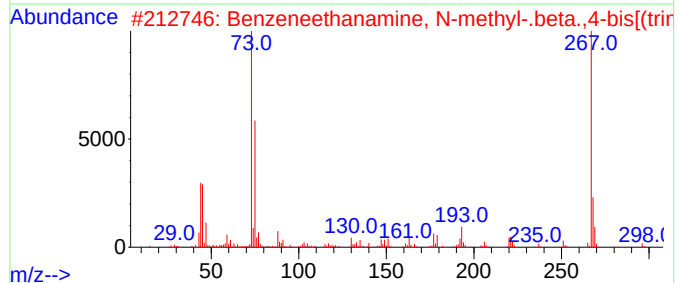
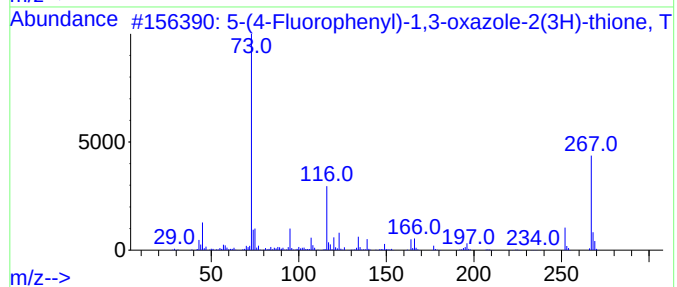
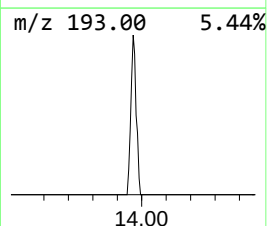
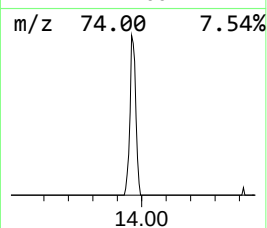
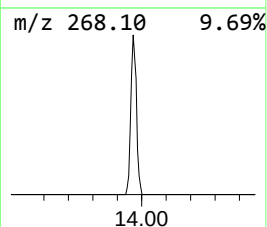
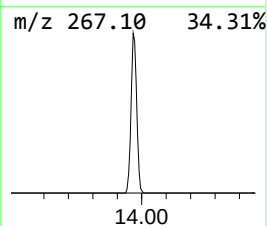
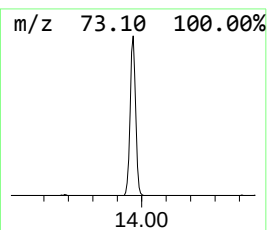
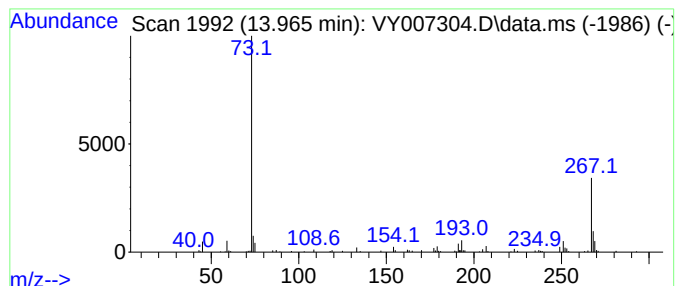
TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 5-(4-Fluorophenyl)-1,3-oxaz... Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.965 | 8.52 ug/l | 70418 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | 5-(4-Fluorophenyl)-1,3-oxazole-2... | 267 | C12H14FNOSSi | 1000497-07-6 | 53   |
| 2    |    |   | Benzeneethanamine, N-methyl-.bet... | 311 | C15H29NO2Si2 | 029522-18-7  | 50   |
| 3    |    |   | Salicylic acid, 2TMS derivative     | 282 | C13H22O3Si2  | 003789-85-3  | 45   |
| 4    |    |   | 3-(2-Hydroxyethyl)phenol, 2TMS d... | 282 | C14H26O2Si2  | 1010365-49-0 | 45   |
| 5    |    |   | 2-Amino-m-cresol, N,O-bis(trimet... | 267 | C13H25NOSi2  | 1000449-77-1 | 42   |



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Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Cyclopentane       | 4.814  | 28.8    | ug/l  | 156260   | 1                     | 7.795  | 271787 | 50.0 |
| 5-(4-Fluorophen... | 13.965 | 8.5     | ug/l  | 70418    | 4                     | 13.428 | 413197 | 50.0 |