

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072321\  
 Data File : VY005427.D  
 Acq On : 23 Jul 2021 19:45  
 Operator : SY/MD  
 Sample : M3137-07  
 Misc : 9.06G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 20210728-27

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\82Y072221S.M

Title : SW846 8260

Signal : TIC: VY005427.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         | 1.869       | 4             | 8           | 16           | rVB2     | 55864          | 92395         | 3.11%           | 0.950%        |
| 2         | 2.229       | 60            | 67          | 68           | rBV2     | 19961          | 31009         | 1.04%           | 0.319%        |
| 3         | 2.253       | 68            | 71          | 78           | rVB      | 26784          | 41814         | 1.41%           | 0.430%        |
| 4         | 3.967       | 341           | 352         | 359          | rBV      | 85000          | 237749        | 8.01%           | 2.445%        |
| 5         | 4.040       | 359           | 364         | 380          | rVB2     | 28868          | 81919         | 2.76%           | 0.842%        |
| 6         | 4.204       | 380           | 391         | 404          | rBV      | 21582          | 61412         | 2.07%           | 0.631%        |
| 7         | 4.729       | 467           | 477         | 491          | rBV4     | 16212          | 62352         | 2.10%           | 0.641%        |
| 8         | 7.003       | 841           | 850         | 865          | rBV      | 33491          | 98683         | 3.32%           | 1.015%        |
| 9         | 7.728       | 958           | 969         | 975          | rBV      | 183387         | 443209        | 14.93%          | 4.557%        |
| 10        | 7.801       | 975           | 981         | 991          | rVB      | 284441         | 643221        | 21.67%          | 6.614%        |
| 11        | 8.149       | 1025          | 1038        | 1049         | rBV      | 182485         | 401371        | 13.52%          | 4.127%        |
| 12        | 8.697       | 1119          | 1128        | 1142         | rBV      | 437675         | 843602        | 28.42%          | 8.674%        |
| 13        | 10.185      | 1364          | 1372        | 1380         | rBV      | 715703         | 1226095       | 41.30%          | 12.607%       |
| 14        | 11.496      | 1579          | 1587        | 1595         | rBV      | 691681         | 1115745       | 37.58%          | 11.472%       |
| 15        | 12.489      | 1742          | 1750        | 1759         | rBV2     | 1670366        | 2968652       | 100.00%         | 30.524%       |
| 16        | 13.288      | 1872          | 1881        | 1887         | rBV2     | 20620          | 38206         | 1.29%           | 0.393%        |
| 17        | 13.428      | 1895          | 1904        | 1910         | rBV      | 697133         | 1073422       | 36.16%          | 11.037%       |
| 18        | 13.965      | 1986          | 1992        | 2003         | rVB2     | 159675         | 264908        | 8.92%           | 2.724%        |

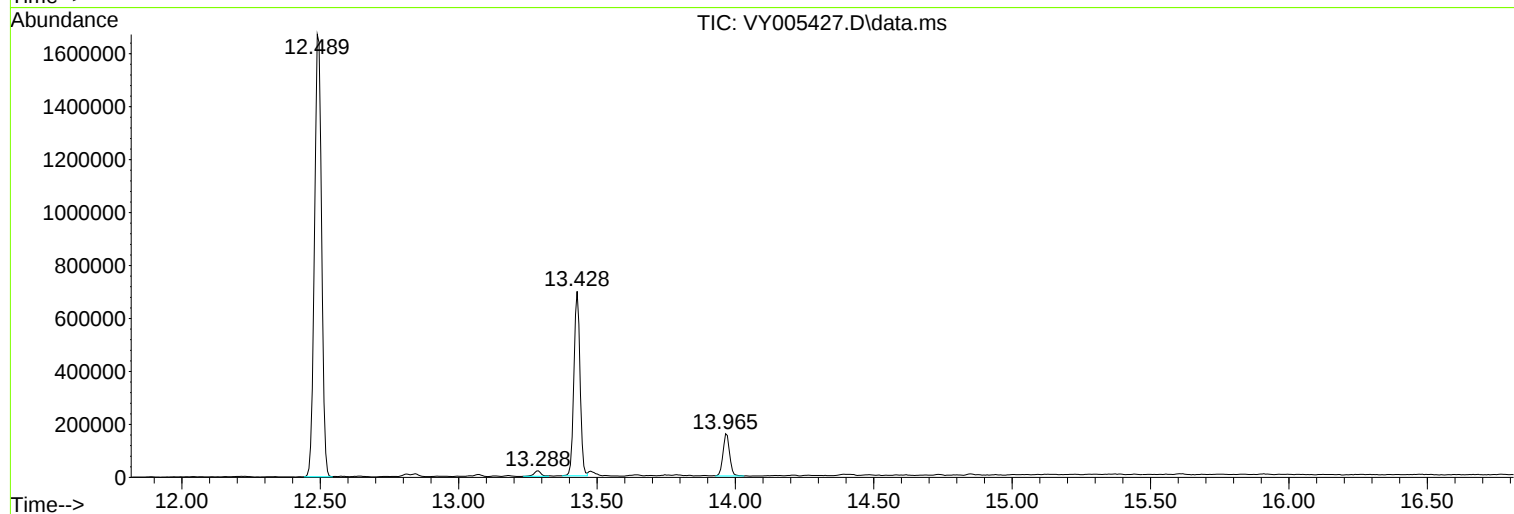
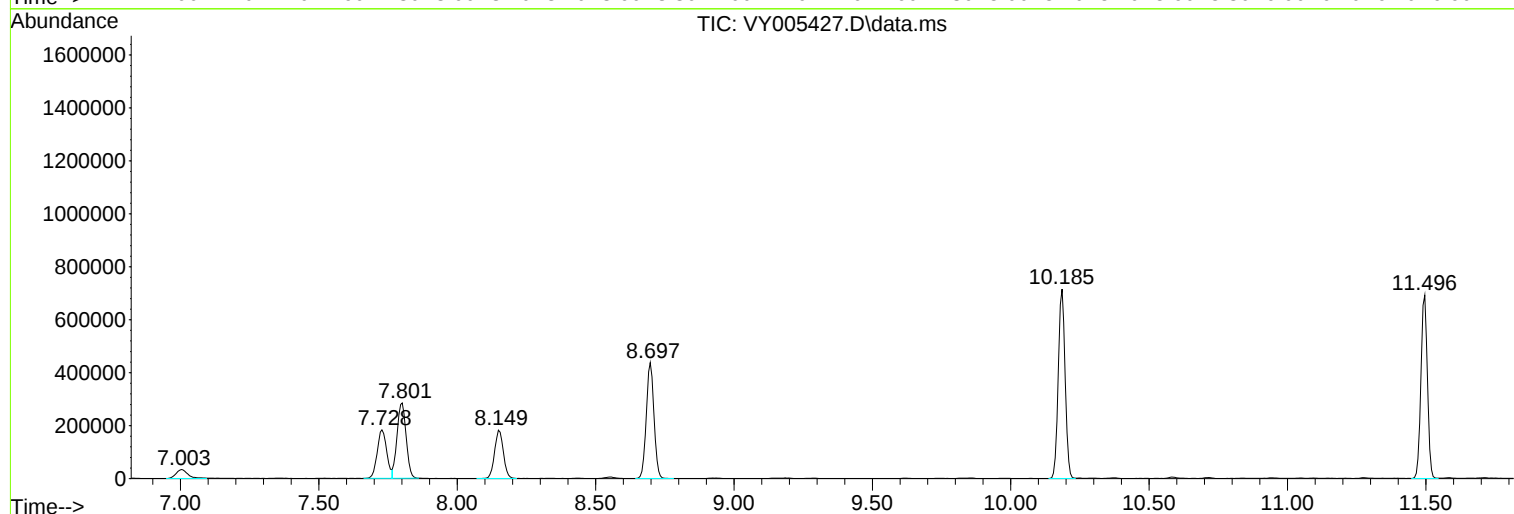
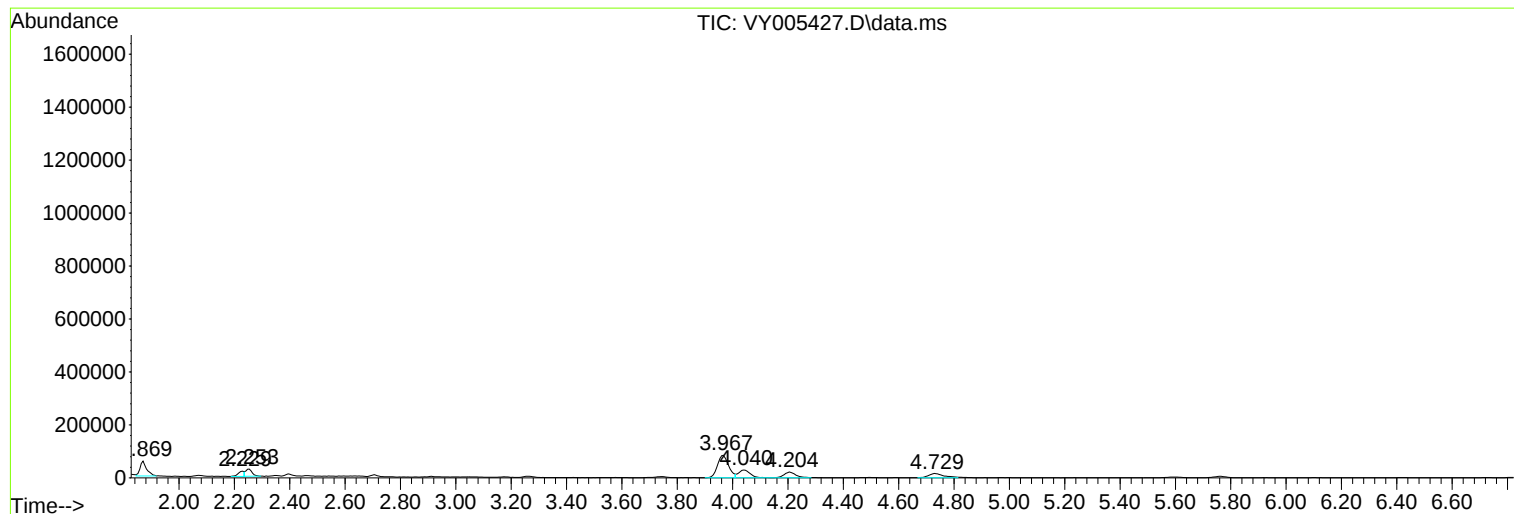
Sum of corrected areas: 9725764

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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
20210728-27

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072221S.M  
Quant Title : SW846 8260

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



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ClientSampleId :  
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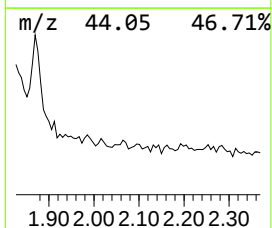
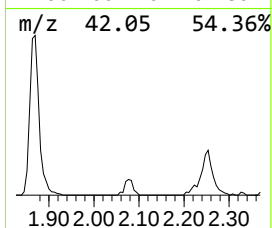
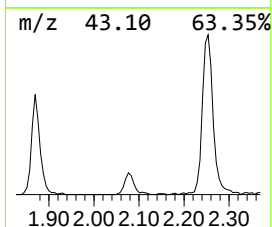
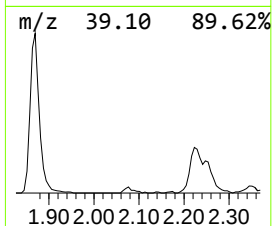
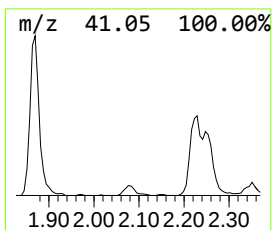
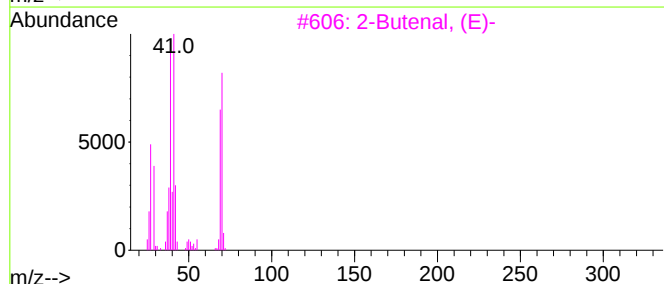
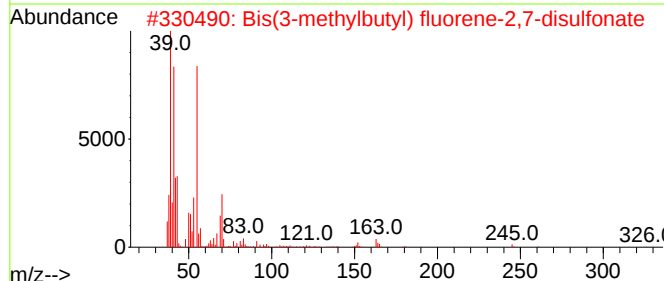
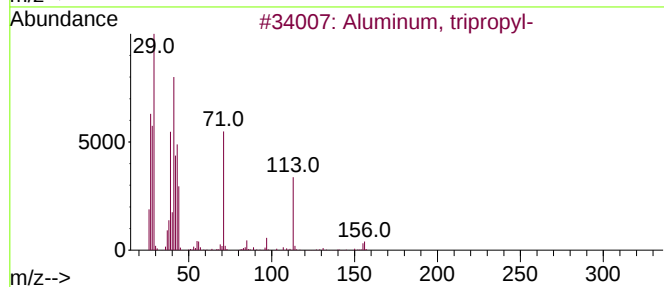
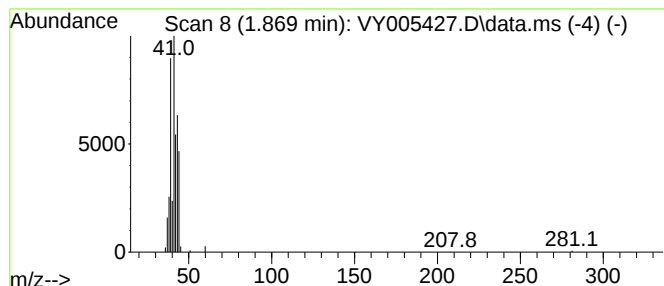
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072221S.M  
Quant Title : SW846 8260

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

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Peak Number 1 Aluminum, tripropyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 1.869 | 7.18 ug/l | 92395 | Pentafluorobenzene | 7.801 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Aluminum, tripropyl-                | 156 | C9H21Al    | 000102-67-0 | 83   |
| 2    |    |   | Bis(3-methylbutyl) fluorene-2,7-... | 466 | C23H30O6S2 | 253664-95-8 | 72   |
| 3    |    |   | 2-Butenal, (E)-                     | 70  | C4H6O      | 000123-73-9 | 72   |
| 4    |    |   | 3-Butenoic acid                     | 86  | C4H6O2     | 000625-38-7 | 64   |
| 5    |    |   | Cyclopropanecarboxylic acid         | 86  | C4H6O2     | 001759-53-1 | 64   |



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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
20210728-27

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072221S.M  
Quant Title : SW846 8260

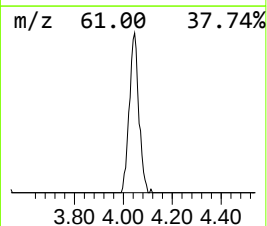
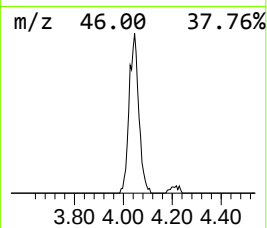
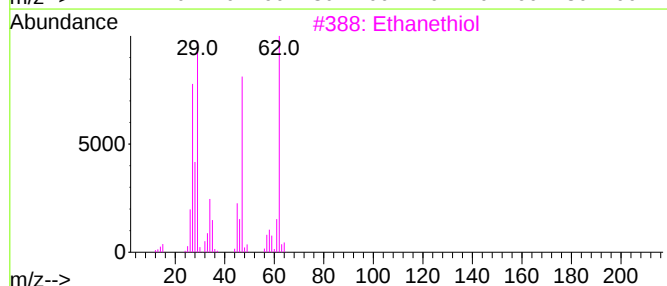
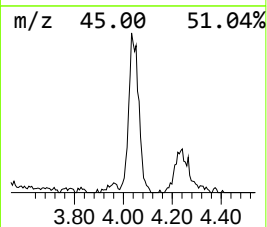
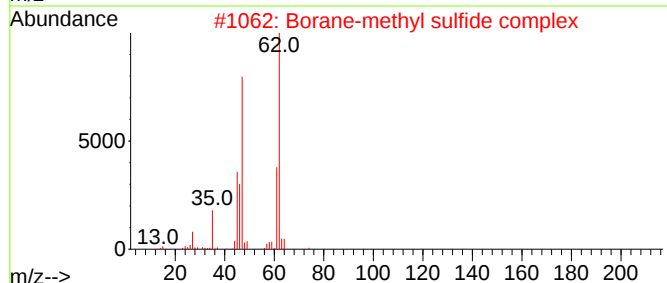
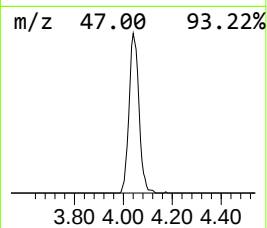
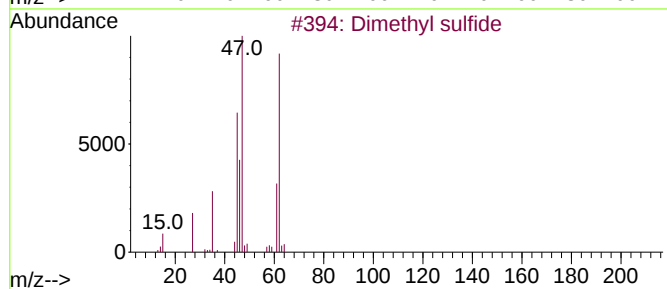
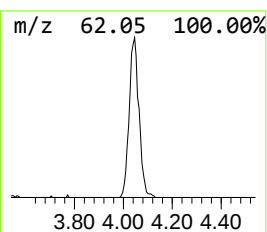
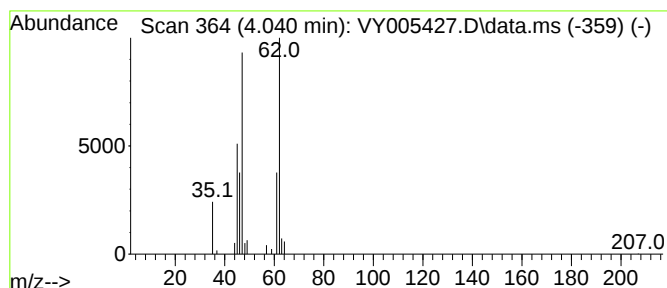
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Dimethyl sulfide Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 4.040 | 6.37 ug/l | 81919 | Pentafluorobenzene | 7.801 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Dimethyl sulfide                    | 62  | C2H6S     | 000075-18-3 | 94   |
| 2    |    |   | Borane-methyl sulfide complex       | 76  | C2H9BS    | 013292-87-0 | 90   |
| 3    |    |   | Ethanethiol                         | 62  | C2H6S     | 000075-08-1 | 59   |
| 4    |    |   | Sulfonium, dimethyl-, cyanonitro... | 146 | C4H6N2O2S | 058992-18-0 | 36   |
| 5    |    |   | 1,2-Ethanedithiol                   | 94  | C2H6S2    | 000540-63-6 | 12   |



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Quant Title : SW846 8260

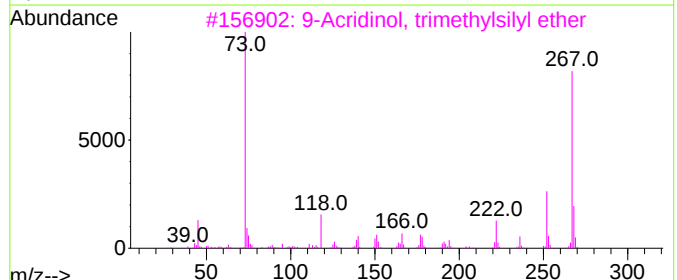
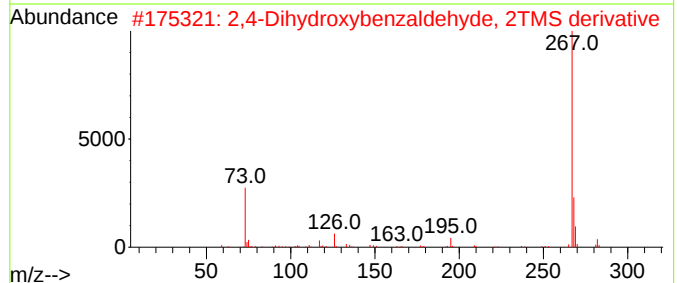
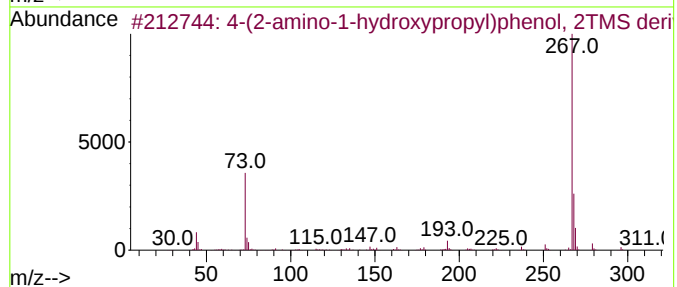
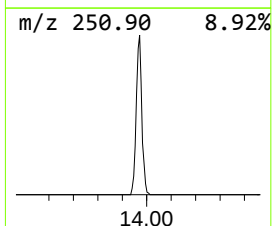
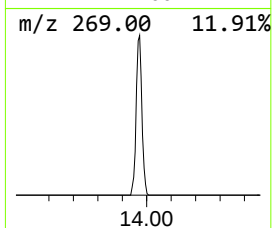
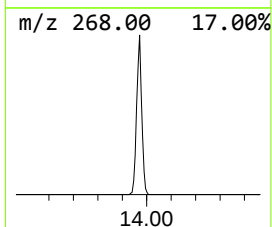
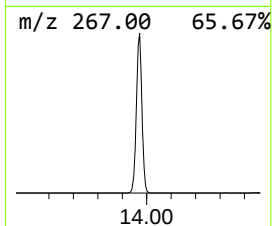
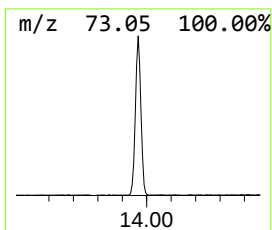
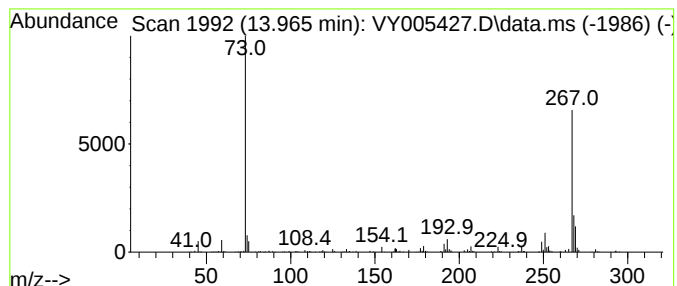
TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 4-(2-amino-1-hydroxypropyl)... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.965 | 12.34 ug/l | 264908 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------------|--------------|------|
| 1    |    |   | 4-(2-amino-1-hydroxypropyl)pheno... | 311 | C15H29NO2Si2  | 1000478-98-6 | 72   |
| 2    |    |   | 2,4-Dihydroxybenzaldehyde, 2TMS ... | 282 | C13H22O3Si2   | 033617-38-8  | 64   |
| 3    |    |   | 9-Acridinol, trimethylsilyl ether   | 267 | C16H17NO5Si   | 1000463-65-5 | 64   |
| 4    |    |   | 4-Cyano-N-ethylbenzene-1-sulfo...   | 282 | C12H18N2O2SSi | 1000478-29-8 | 53   |
| 5    |    |   | 3-Hydroxymandelic acid, ethyl es... | 340 | C16H28O4Si2   | 1000071-88-9 | 50   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Aluminum, tripr... | 1.869  | 7.2     | ug/l  | 92395    | 1                     | 7.801  | 643221  | 50.0 |
| Dimethyl sulfide   | 4.040  | 6.4     | ug/l  | 81919    | 1                     | 7.801  | 643221  | 50.0 |
| 4-(2-amino-1-hy... | 13.965 | 12.3    | ug/l  | 264908   | 4                     | 13.428 | 1073420 | 50.0 |