

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052423\  
Data File : VD076218.D  
Acq On : 24 May 2023 17:09  
Operator : KP/SY  
Sample : 02892-10  
Misc : 6.71G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP-32

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\82D051523S.M

Title : SW846 8260

Signal : TIC: VD076218.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       | 15            | 26          | 34           | rBV      | 278247         | 526967        | 100.00%         | 78.496%       |
| 2         | 2.187       | 100           | 102         | 111          | rVB3     | 3023           | 5995          | 1.14%           | 0.893%        |
| 3         | 7.804       | 1050          | 1057        | 1063         | rVB5     | 4477           | 9909          | 1.88%           | 1.476%        |
| 4         | 7.881       | 1063          | 1070        | 1079         | rBV3     | 4780           | 9980          | 1.89%           | 1.487%        |
| 5         | 8.775       | 1215          | 1222        | 1230         | rBV3     | 9515           | 18644         | 3.54%           | 2.777%        |
| 6         | 10.269      | 1469          | 1476        | 1484         | rVB3     | 8463           | 16445         | 3.12%           | 2.450%        |
| 7         | 11.581      | 1693          | 1699        | 1706         | rVB2     | 12277          | 20914         | 3.97%           | 3.115%        |
| 8         | 12.575      | 1862          | 1868        | 1876         | rVB4     | 7108           | 11801         | 2.24%           | 1.758%        |
| 9         | 12.734      | 1888          | 1895        | 1897         | rBV5     | 3891           | 7238          | 1.37%           | 1.078%        |
| 10        | 13.516      | 2022          | 2028        | 2036         | rVB4     | 10249          | 16933         | 3.21%           | 2.522%        |
| 11        | 15.028      | 2274          | 2285        | 2291         | rBV5     | 3497           | 11133         | 2.11%           | 1.658%        |
| 12        | 15.592      | 2374          | 2381        | 2393         | rVB6     | 4352           | 15371         | 2.92%           | 2.290%        |

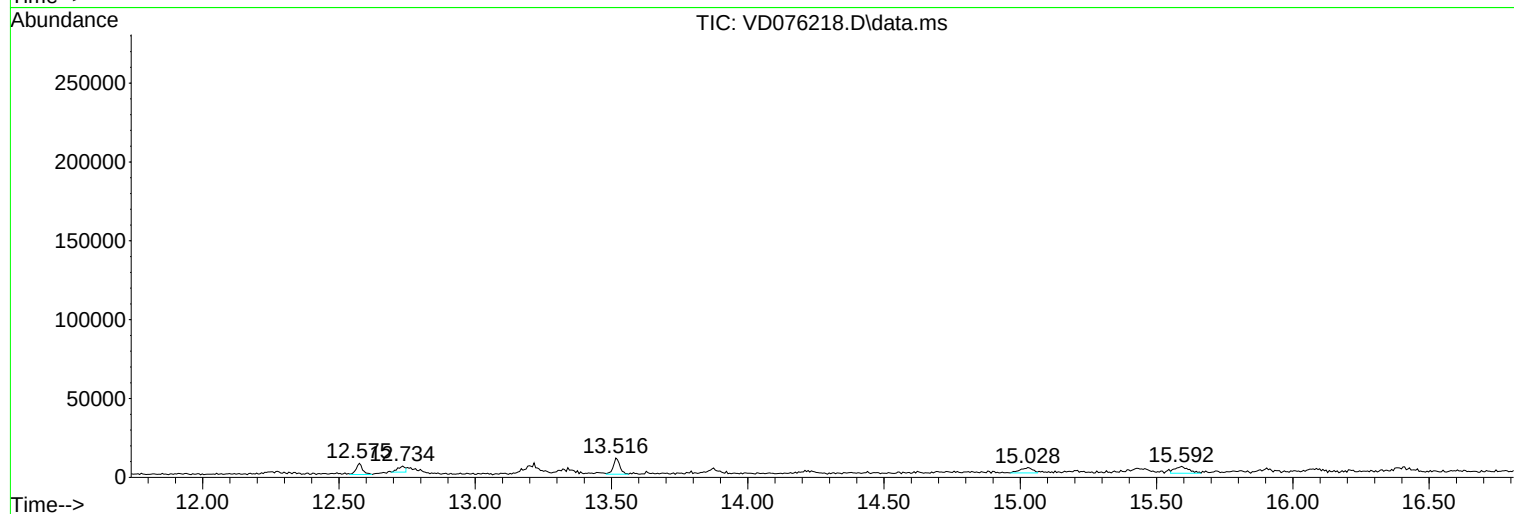
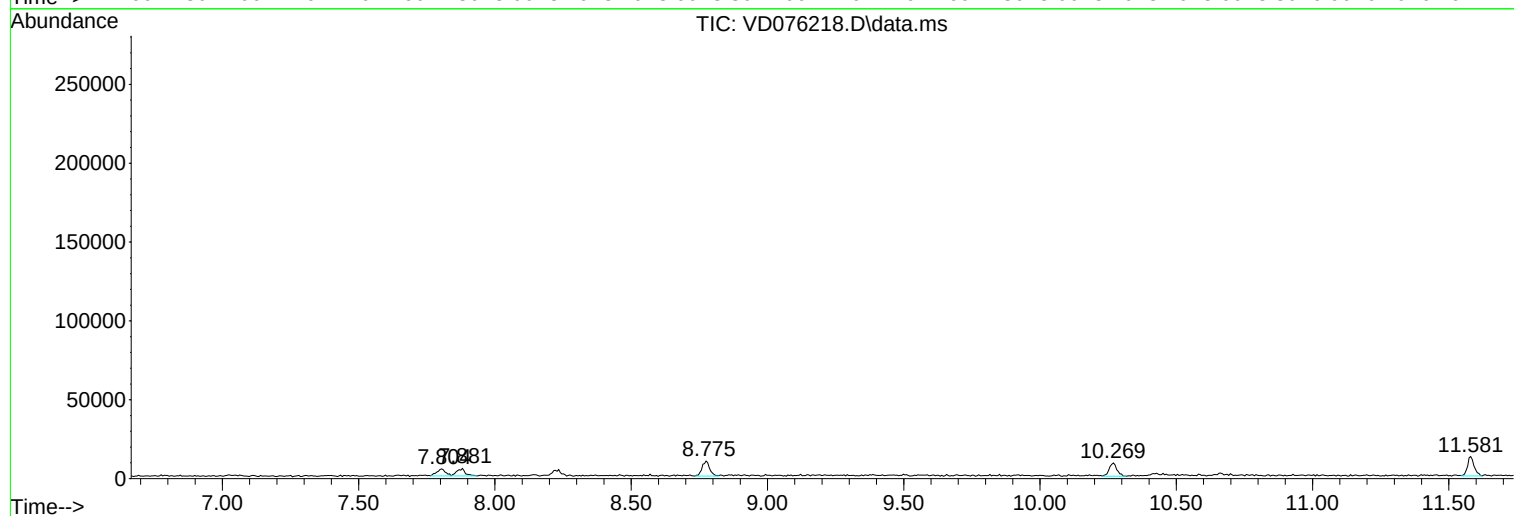
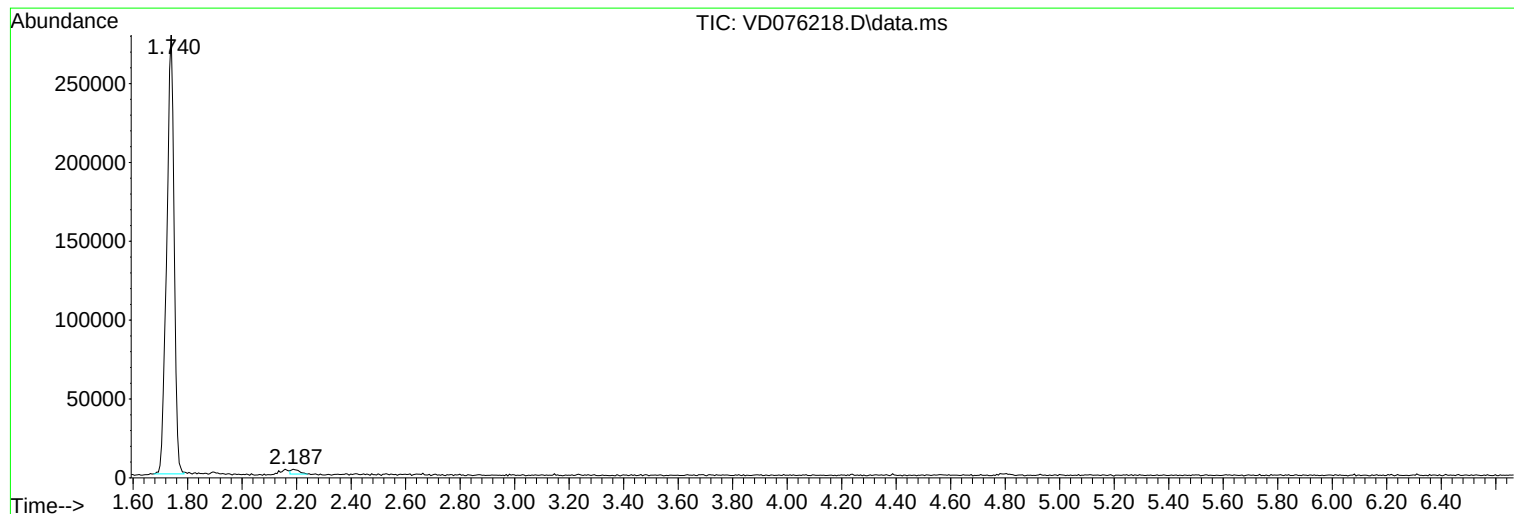
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051523S.M  
Quant Title : SW846 8260

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



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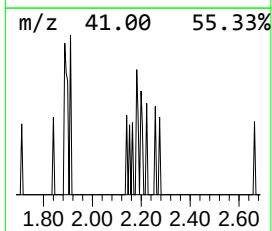
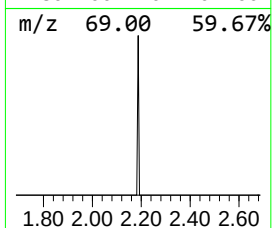
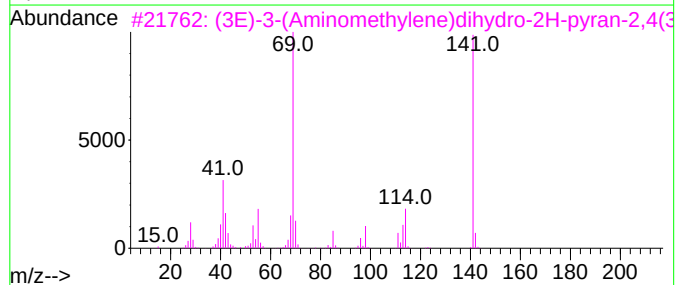
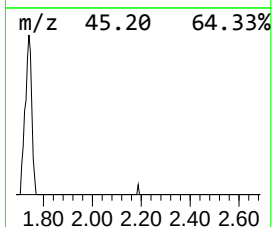
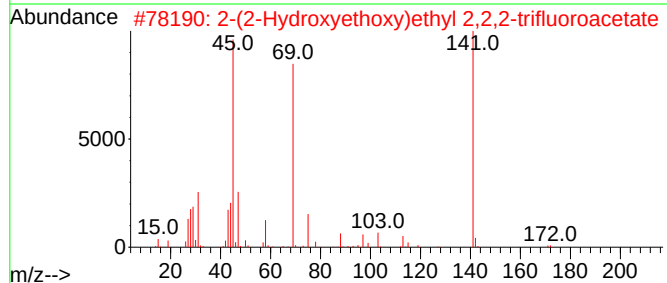
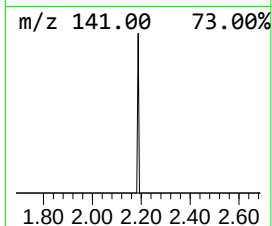
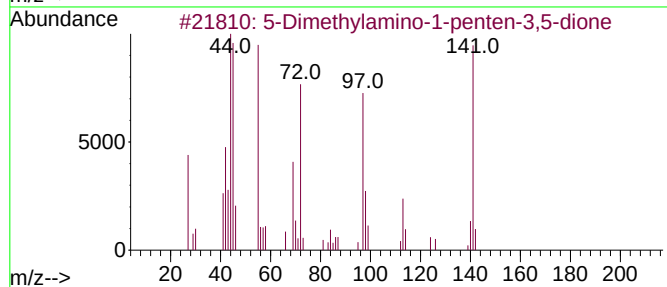
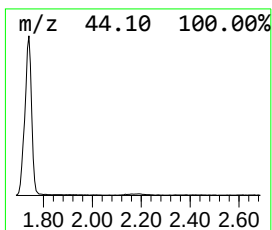
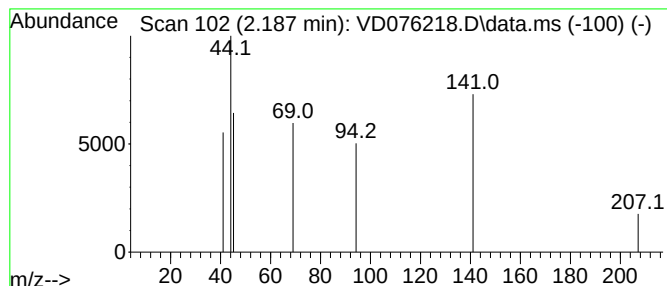
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051523S.M  
Quant Title : SW846 8260

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

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Peak Number 2 5-Dimethylamino-1-penten-3,... Concentration Rank 4

| R.T.      | EstConc                             | Area | Relative to ISTD   | R.T.         |      |
|-----------|-------------------------------------|------|--------------------|--------------|------|
| 2.187     | 30.04 ug/l                          | 5995 | Pentafluorobenzene | 7.869        |      |
| Hit# of 5 | Tentative ID                        | MW   | MolForm            | CAS#         | Qual |
| 1         | 5-Dimethylamino-1-penten-3,5-dione  | 141  | C7H11NO2           | 063354-23-4  | 50   |
| 2         | 2-(2-Hydroxyethoxy)ethyl 2,2,2-t... | 202  | C6H9F3O4           | 1000351-92-3 | 9    |
| 3         | (3E)-3-(Aminomethylene)dihydro-2... | 141  | C6H7NO3            | 022108-77-6  | 5    |
| 4         | Pyrimidine, 4-fluoro-6-dimethyla... | 141  | C6H8FN3            | 051421-97-7  | 5    |
| 5         | 6-Ethyl-1,3-dihydro-1,3,5-triazi... | 141  | C5H7N3O2           | 007501-27-1  | 5    |



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Quant Title : SW846 8260

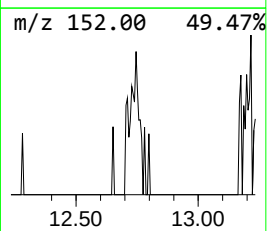
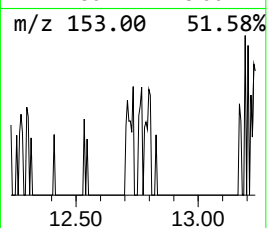
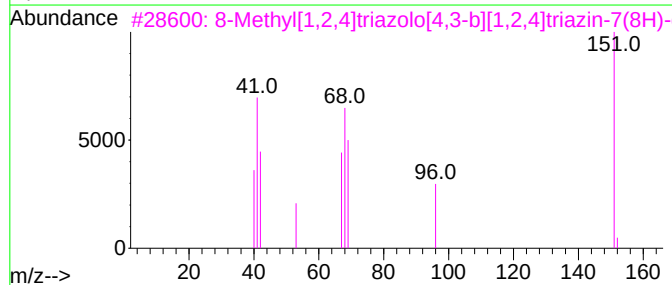
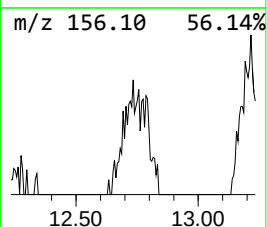
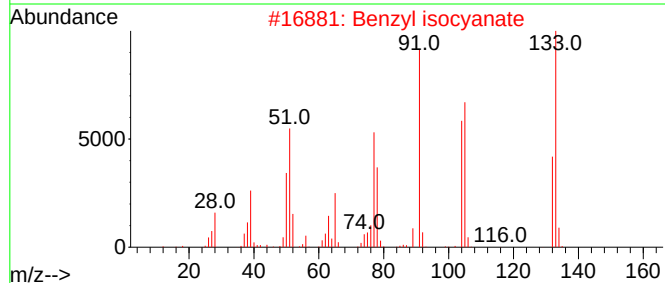
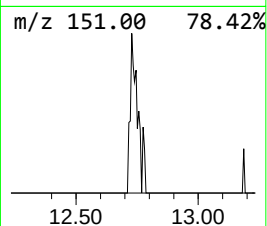
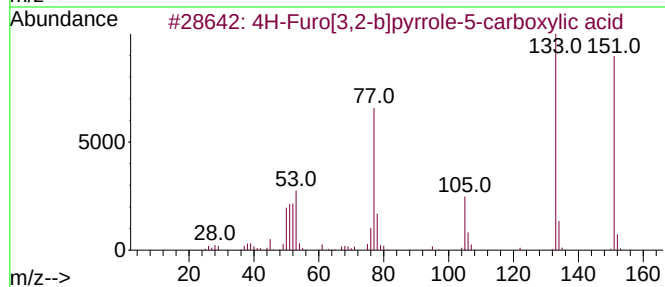
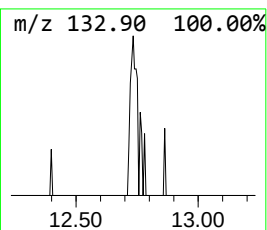
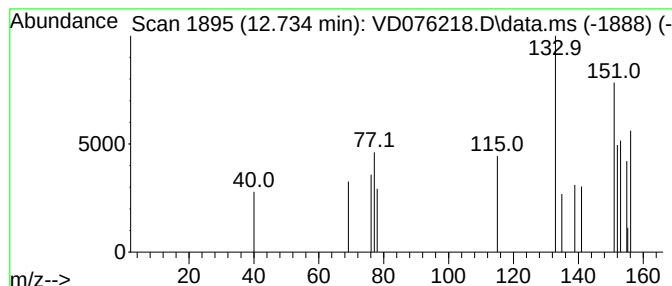
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown12.733 Concentration Rank 5

| R.T.   | EstConc    | Area | Relative to ISTD       | R.T.   |
|--------|------------|------|------------------------|--------|
| 12.733 | 21.37 ug/l | 7238 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | 4H-Furo[3,2-b]pyrrole-5-carboxyl... | 151 | C7H5NO3 | 067268-37-5  | 16   |
| 2    |    |   | Benzyl isocyanate                   | 133 | C8H7NO  | 003173-56-6  | 9    |
| 3    |    |   | 8-Methyl[1,2,4]triazolo[4,3-b][1... | 151 | C5H5N5O | 061402-38-8  | 9    |
| 4    |    |   | Oxime-, methoxy-phenyl-             | 151 | C8H9NO2 | 1000222-86-6 | 9    |
| 5    |    |   | Benzenethiol, p-(dimethylamino)-    | 153 | C8H11NS | 004946-22-9  | 5    |



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ALS Vial : 14 Sample Multiplier: 1

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TP-32

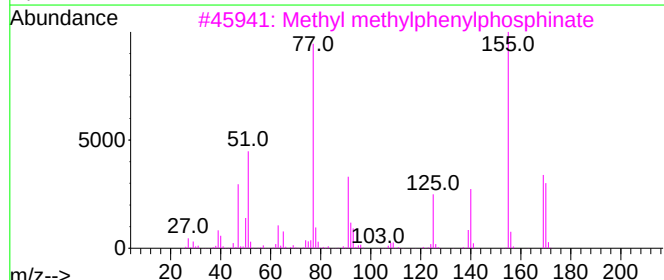
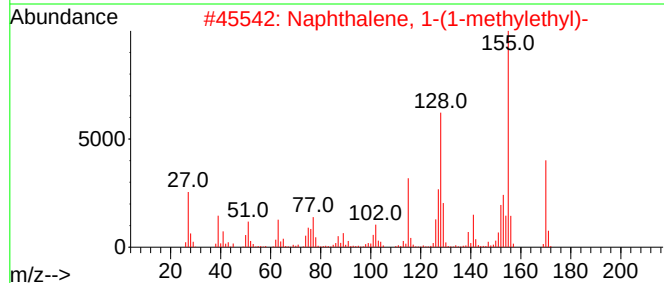
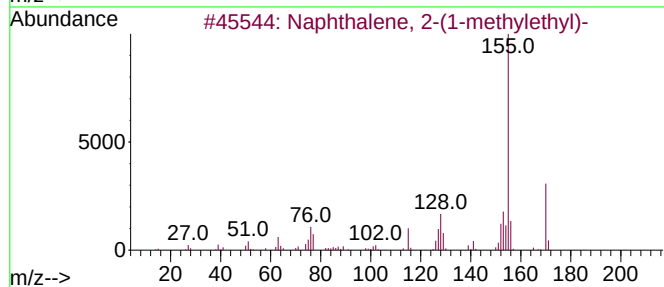
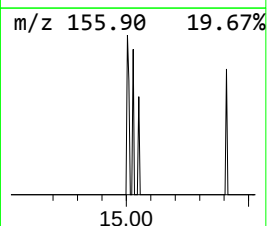
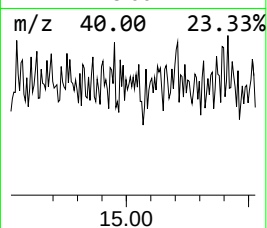
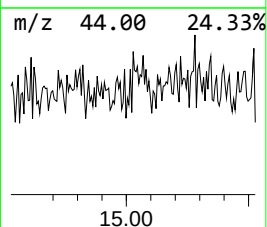
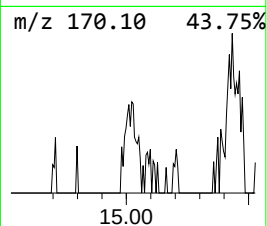
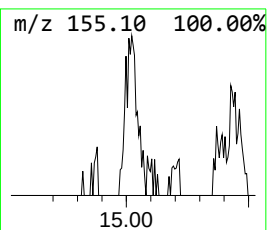
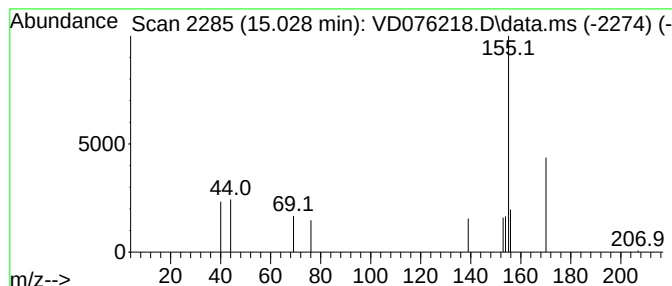
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051523S.M  
Quant Title : SW846 8260

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

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Peak Number 4 Naphthalene, 2-(1-methyleth... Concentration Rank 3

| R.T.      | EstConc                             | Area  | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|-------|------------------------|--------------|------|
| 15.028    | 32.87 ug/l                          | 11133 | 1,4-Dichlorobenzene-d4 | 13.516       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm                | CAS#         | Qual |
| 1         | Naphthalene, 2-(1-methylethyl)-     | 170   | C13H14                 | 002027-17-0  | 80   |
| 2         | Naphthalene, 1-(1-methylethyl)-     | 170   | C13H14                 | 006158-45-8  | 64   |
| 3         | Methyl methylphenylphosphinate      | 170   | C8H11O2P               | 006389-79-3  | 9    |
| 4         | Benzaldehyde, 4-chloro-, oxime, ... | 155   | C7H6ClNO               | 003717-24-6  | 9    |
| 5         | 1-(2,2-Dimethylcyclopropyl)-2-ph... | 170   | C13H14                 | 1000294-91-1 | 9    |



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Instrument :  
MSVOA\_D  
ClientSampleId :  
TP-32

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051523S.M  
Quant Title : SW846 8260

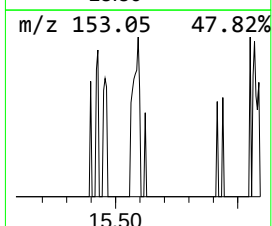
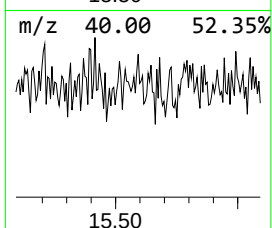
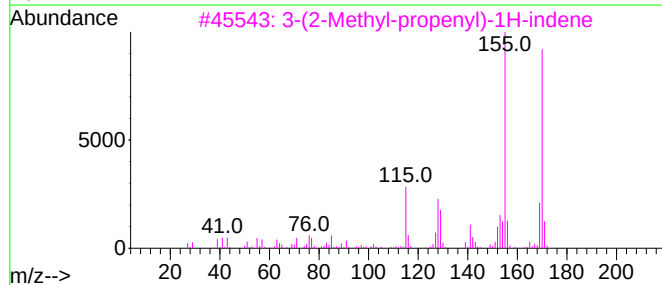
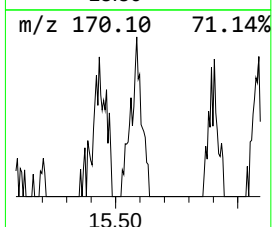
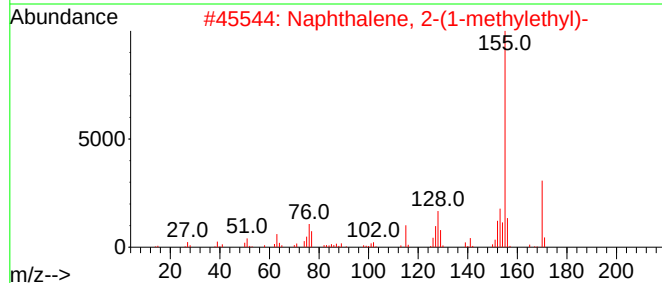
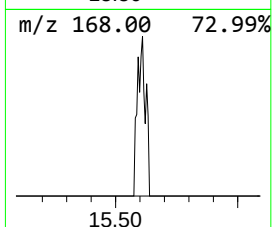
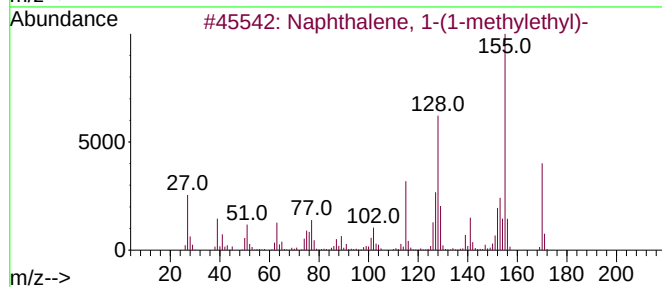
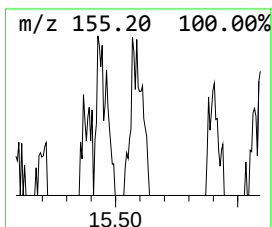
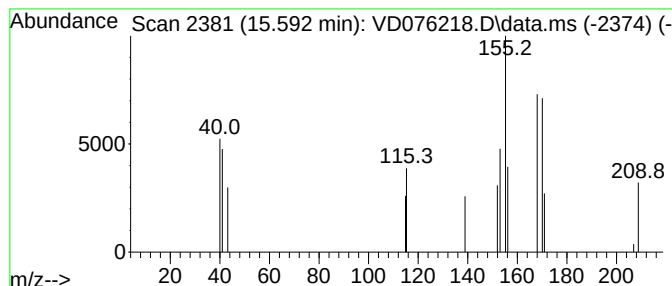
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown15.592 Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 15.592 | 45.39 ug/l | 15371 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, 1-(1-methylethyl)-     | 170 | C13H14  | 006158-45-8  | 25   |
| 2    |    |   | Naphthalene, 2-(1-methylethyl)-     | 170 | C13H14  | 002027-17-0  | 17   |
| 3    |    |   | 3-(2-Methyl-propenyl)-1H-indene     | 170 | C13H14  | 1000187-78-5 | 17   |
| 4    |    |   | 2,5-Cyclohexadien-1-one, 4,4-dim... | 198 | C14H14O | 055162-56-6  | 17   |
| 5    |    |   | Naphthalene, 1-(2-propenyl)-        | 168 | C13H12  | 002489-86-3  | 9    |



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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |       |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|-------|------|
|                    |        |         |       |          | #                     | RT     | Resp  | Conc |
| 5-Dimethylamino... | 2.187  | 30.0    | ug/l  | 5995     | 1                     | 7.869  | 9980  | 50.0 |
| unknown12.733      | 12.733 | 21.4    | ug/l  | 7238     | 4                     | 13.516 | 16933 | 50.0 |
| Naphthalene, 2-... | 15.028 | 32.9    | ug/l  | 11133    | 4                     | 13.516 | 16933 | 50.0 |
| unknown15.592      | 15.592 | 45.4    | ug/l  | 15371    | 4                     | 13.516 | 16933 | 50.0 |