

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU041219\  
Quantitation Report (QT Reviewed)

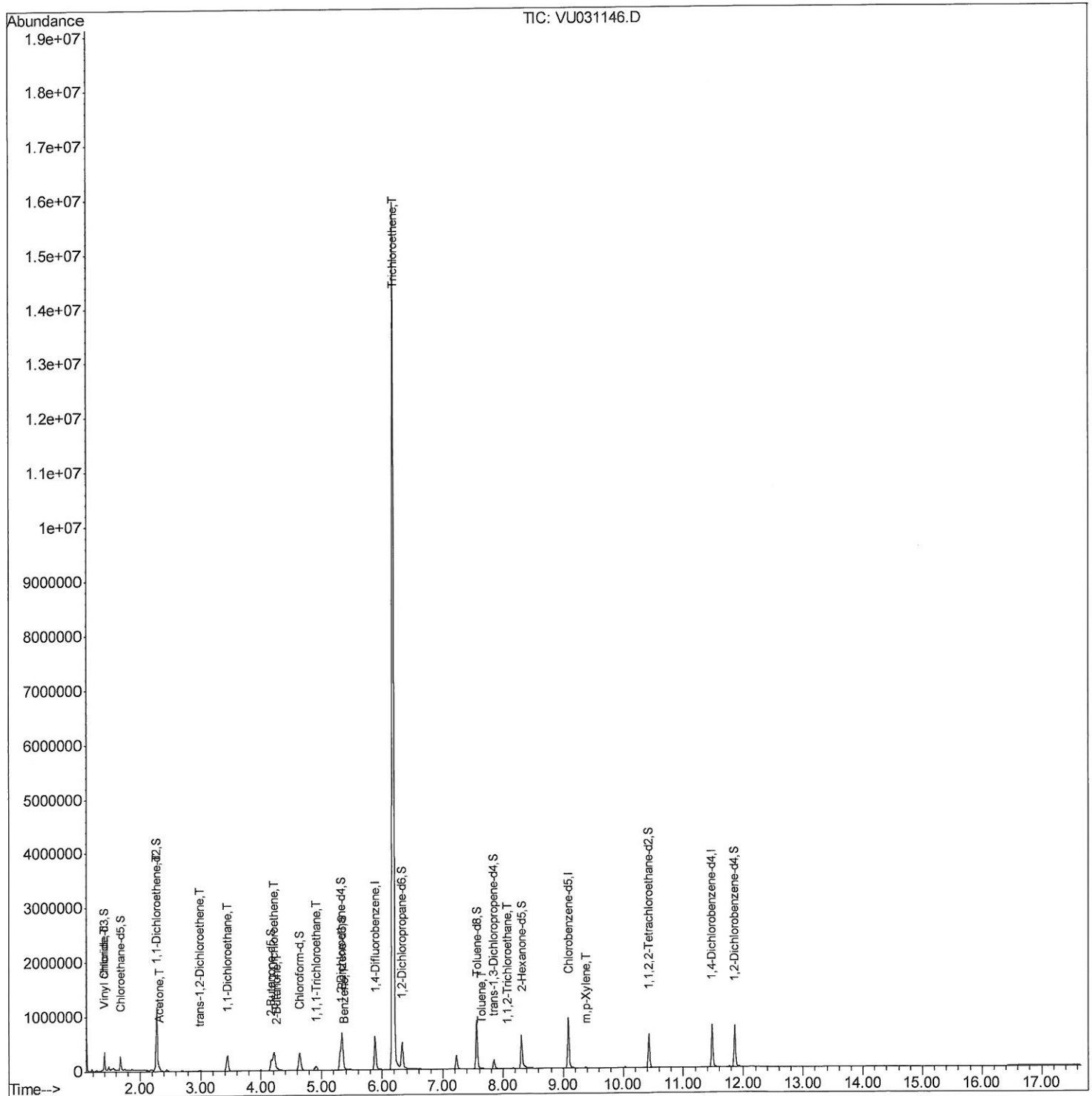
Data File : VU031146.D  
Acq On : 12 Apr 2019 22:03  
Operator : JC/SP  
Sample : K2339-13  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFC36

Manual Integrations  
APPROVED

MMDadoda  
4/15/2019 12:49:03 PM

Quant Time: Apr 13 03:46:02 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Apr 13 01:01:33 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU041219\  
Quantitation Report (Qedit)

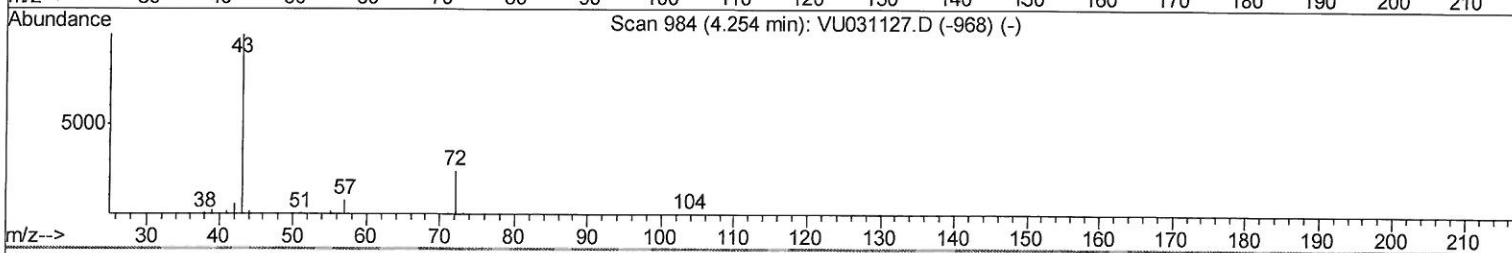
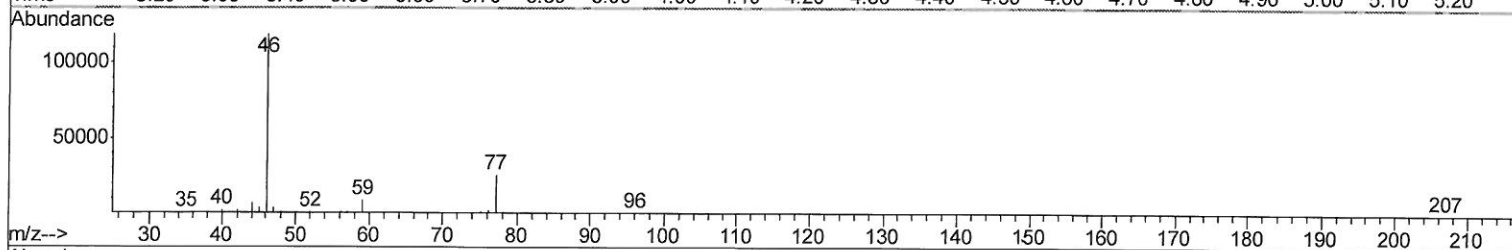
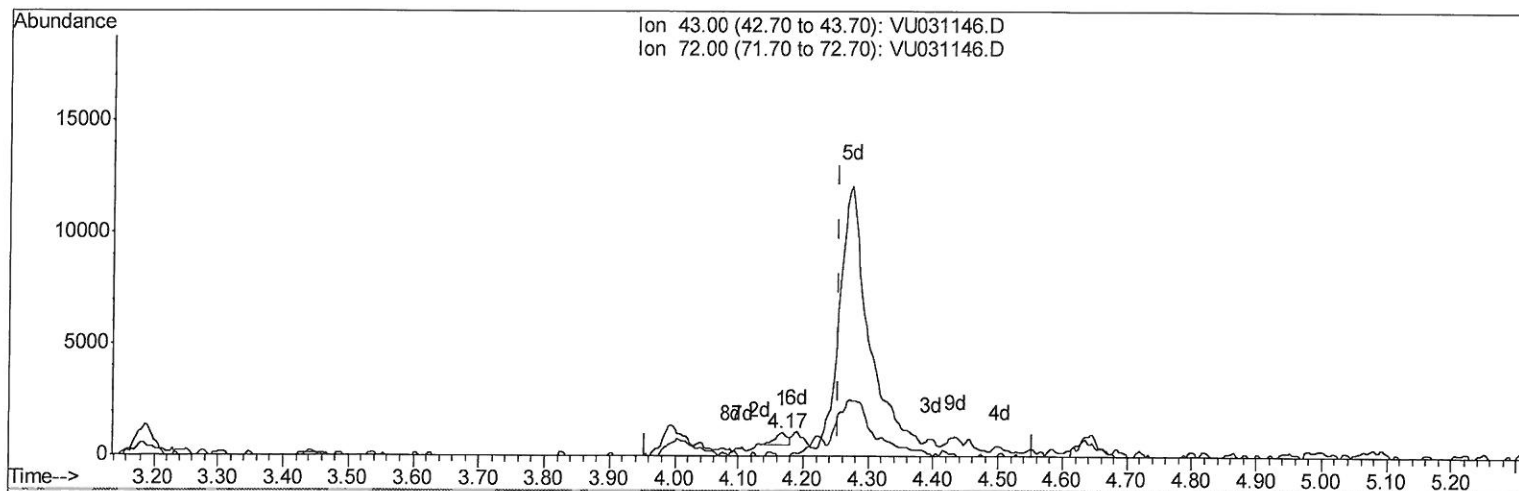
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TIC: VU031146.D

(22) 2-Butanone (T)

4.167min (-0.087) 0.18ug/L

response 787

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 72.00 | 21.60 | 17.41 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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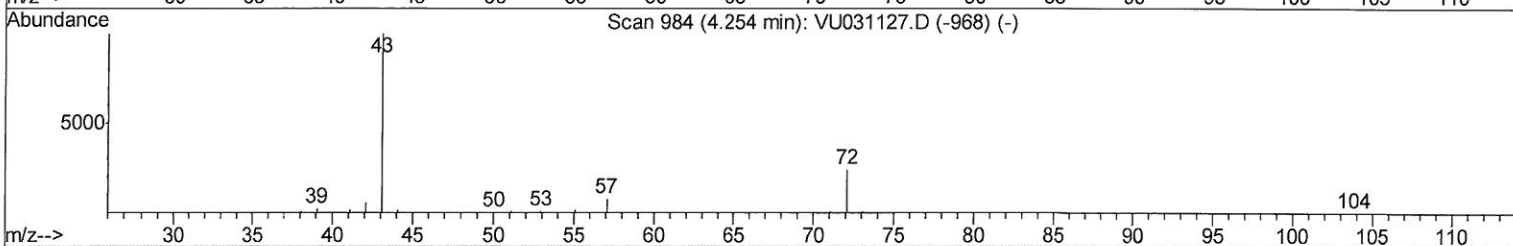
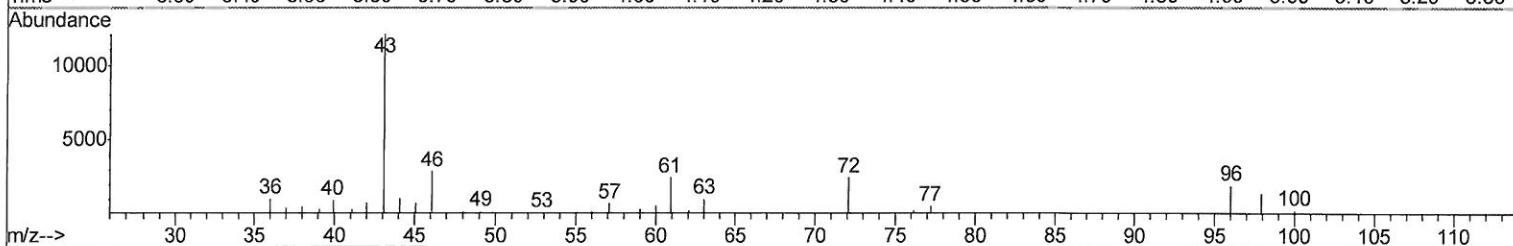
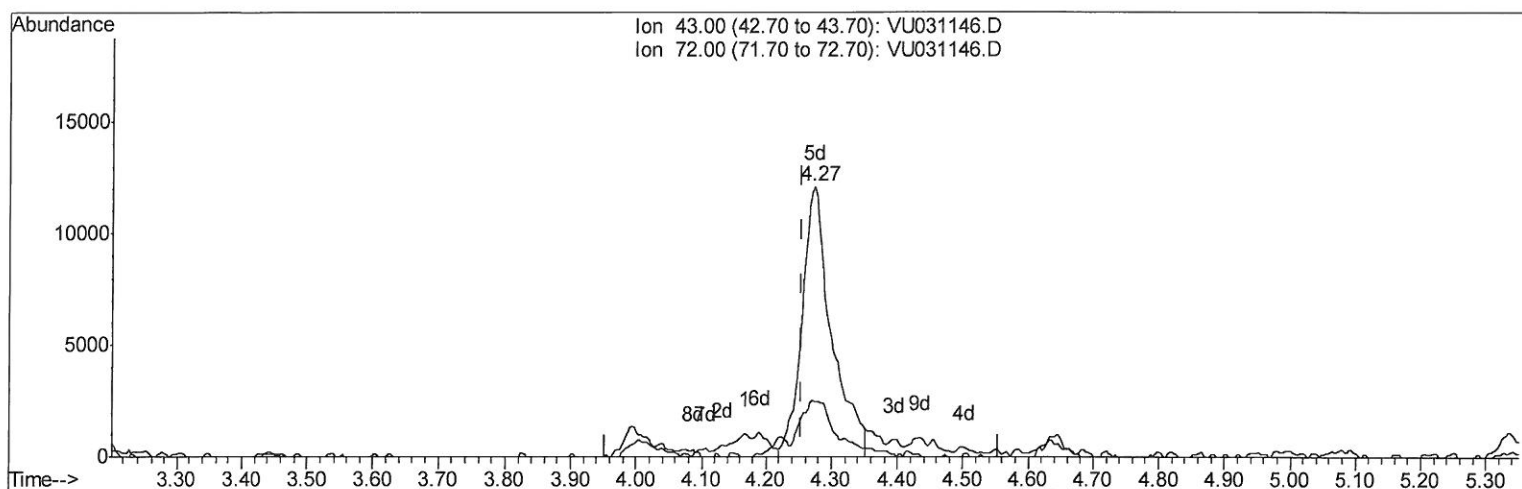
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TIC: VU031146.D

(22) 2-Butanone (T)

4.273min (+0.019) 8.86ug/L m

response 37888

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 72.00 | 21.60 | 0.36# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

7 MD  
4/16/19

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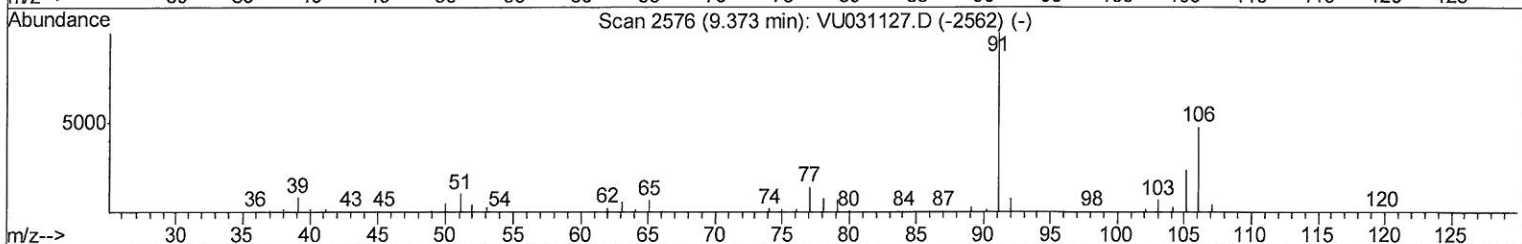
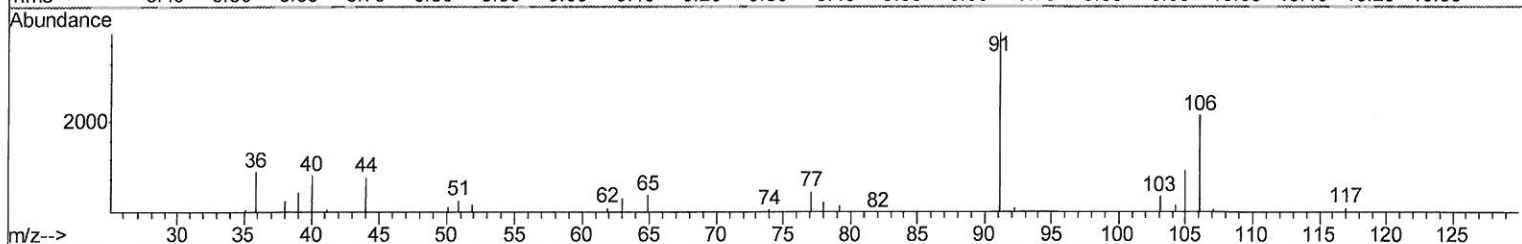
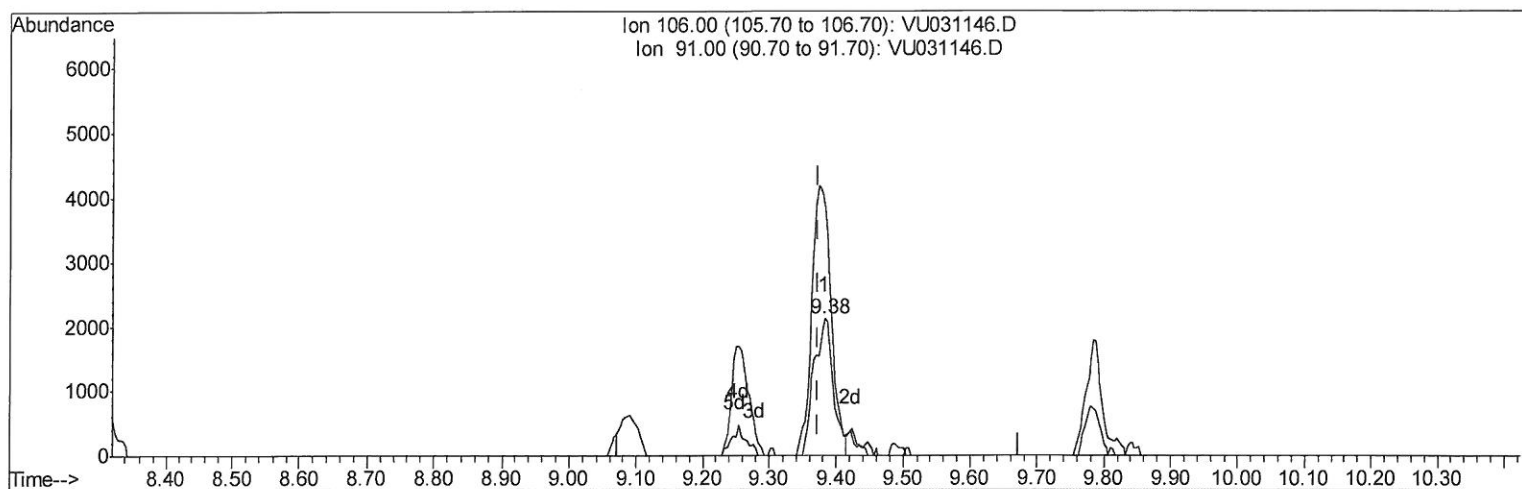
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TIC: VU031146.D

(53) m,p-Xylene (T)

9.382min (+0.010) 0.65ug/L

response 4256

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 106.00 | 100    | 100    |
| 91.00  | 211.40 | 180.85 |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

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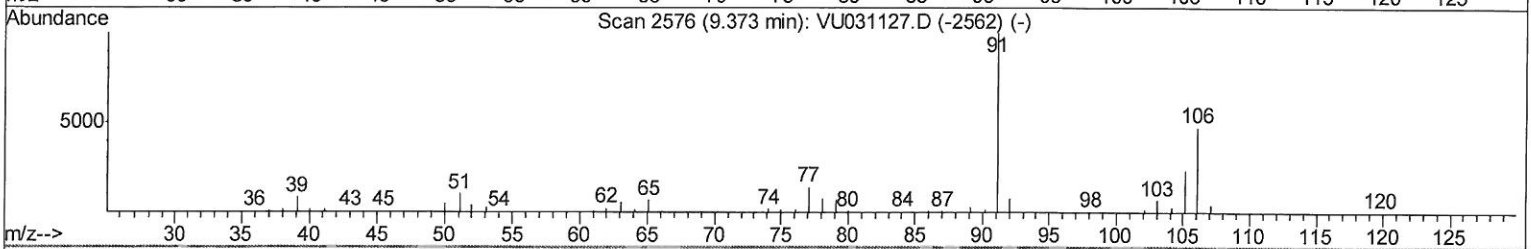
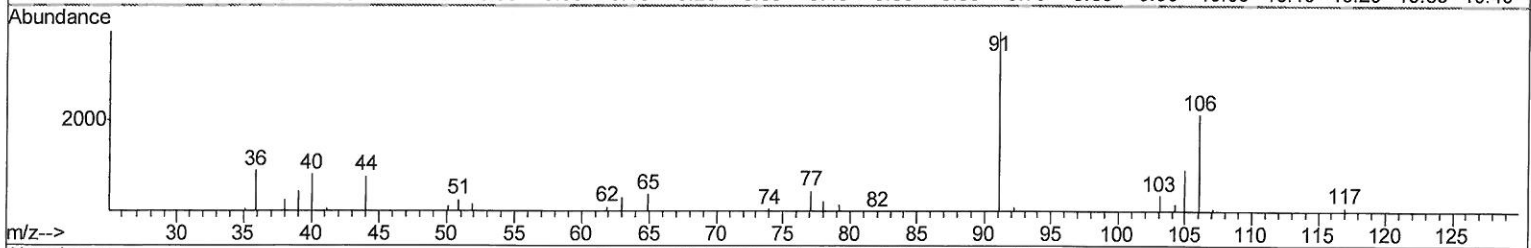
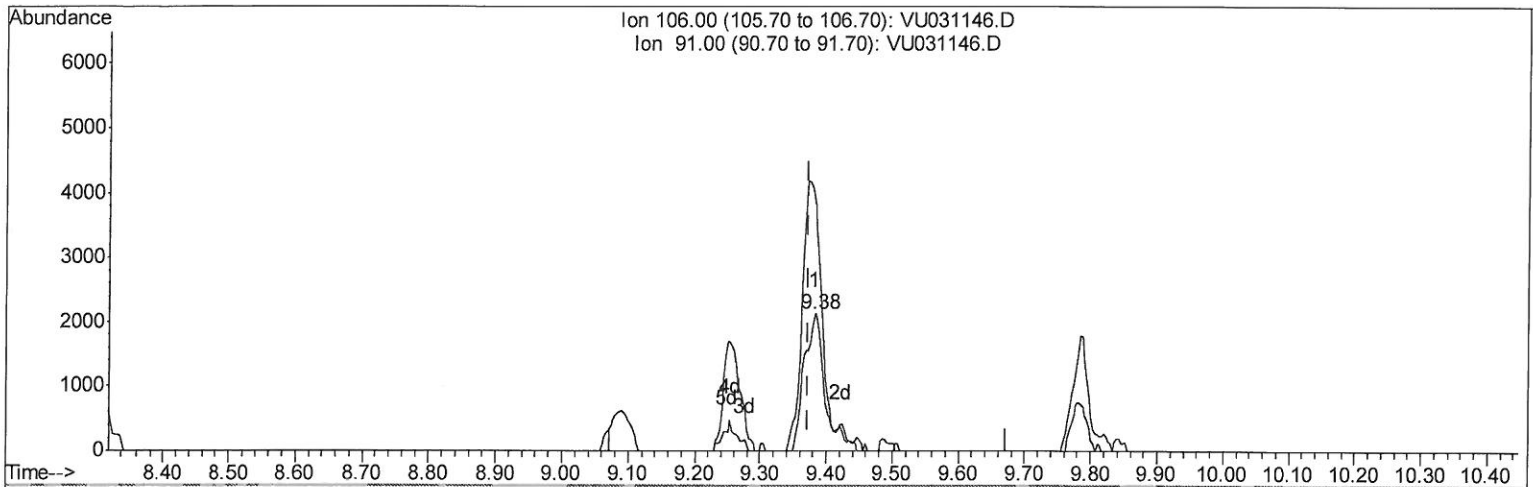
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TIC: VU031146.D

(53) m,p-Xylene (T)

9.382min (+0.010) 0.71ug/L m

response 4619

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 106.00 | 100    | 100    |
| 91.00  | 211.40 | 180.85 |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

7 MD  
4/16/19

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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 503829   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 512914   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 209215   | 50.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 1.39           | 65  | 207999     | 46.25   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 92.50%  |      |      |
| 7) Chloroethane-d5             | 1.68           | 69  | 170550     | 49.96   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 99.92%  |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.27           | 63  | 436042     | 53.60   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 107.20% |      |      |
| 21) 2-Butanone-d5              | 4.17           | 46  | 328462     | 92.15   | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 92.15%  |      |      |
| 24) Chloroform-d               | 4.64           | 84  | 319752     | 46.54   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 93.08%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.31           | 65  | 223170     | 47.60   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 95.20%  |      |      |
| 32) Benzene-d6                 | 5.33           | 84  | 665482     | 44.44   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 88.88%  |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.32           | 67  | 239827     | 46.74   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 93.48%  |      |      |
| 41) Toluene-d8                 | 7.56           | 98  | 613135     | 46.20   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 92.40%  |      |      |
| 43) trans-1,3-Dichloropropene- | 7.85           | 79  | 102563     | 43.83   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 87.66%  |      |      |
| 47) 2-Hexanone-d5              | 8.31           | 63  | 208218     | 88.78   | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 88.78%  |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43          | 84  | 324285     | 46.85   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 93.70%  |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.86          | 152 | 207103     | 50.33   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 100.66% |      |      |

Target Compounds

|                              |      |     |         |          | Qvalue    |
|------------------------------|------|-----|---------|----------|-----------|
| 5) Vinyl chloride            | 1.40 | 62  | 6185    | 1.116    | ug/L # 1  |
| 12) 1,1-Dichloroethene       | 2.28 | 96  | 277019  | 79.541   | ug/L 92   |
| 13) Acetone                  | 2.32 | 43  | 74787   | 20.503   | ug/L 99   |
| 17) trans-1,2-Dichloroethene | 2.98 | 96  | 2203    | 0.596    | ug/L 86   |
| 19) 1,1-Dichloroethane       | 3.44 | 63  | 297859  | 39.031   | ug/L 97   |
| 20) cis-1,2-Dichloroethene   | 4.22 | 96  | 173771  | 42.559   | ug/L 94   |
| 22) 2-Butanone               | 4.27 | 43  | 37888m  | 8.859    | ug/L      |
| 30) 1,1,1-Trichloroethane    | 4.91 | 97  | 55530   | 8.884    | ug/L 98   |
| 33) Benzene                  | 5.38 | 78  | 7345    | 0.438    | ug/L 100  |
| 34) Trichloroethene          | 6.18 | 95  | 5679927 | 1379.710 | ug/L 96   |
| 42) Toluene                  | 7.64 | 91  | 9654    | 0.563    | ug/L 96   |
| 45) 1,1,2-Trichloroethane    | 8.07 | 97  | 1581    | 0.392    | ug/L # 59 |
| 53) m,p-Xylene               | 9.38 | 106 | 4619m   | 0.709    | ug/L      |

(#) = qualifier out of range (m) = manual integration (+) = signals summed