

(QT Reviewed)

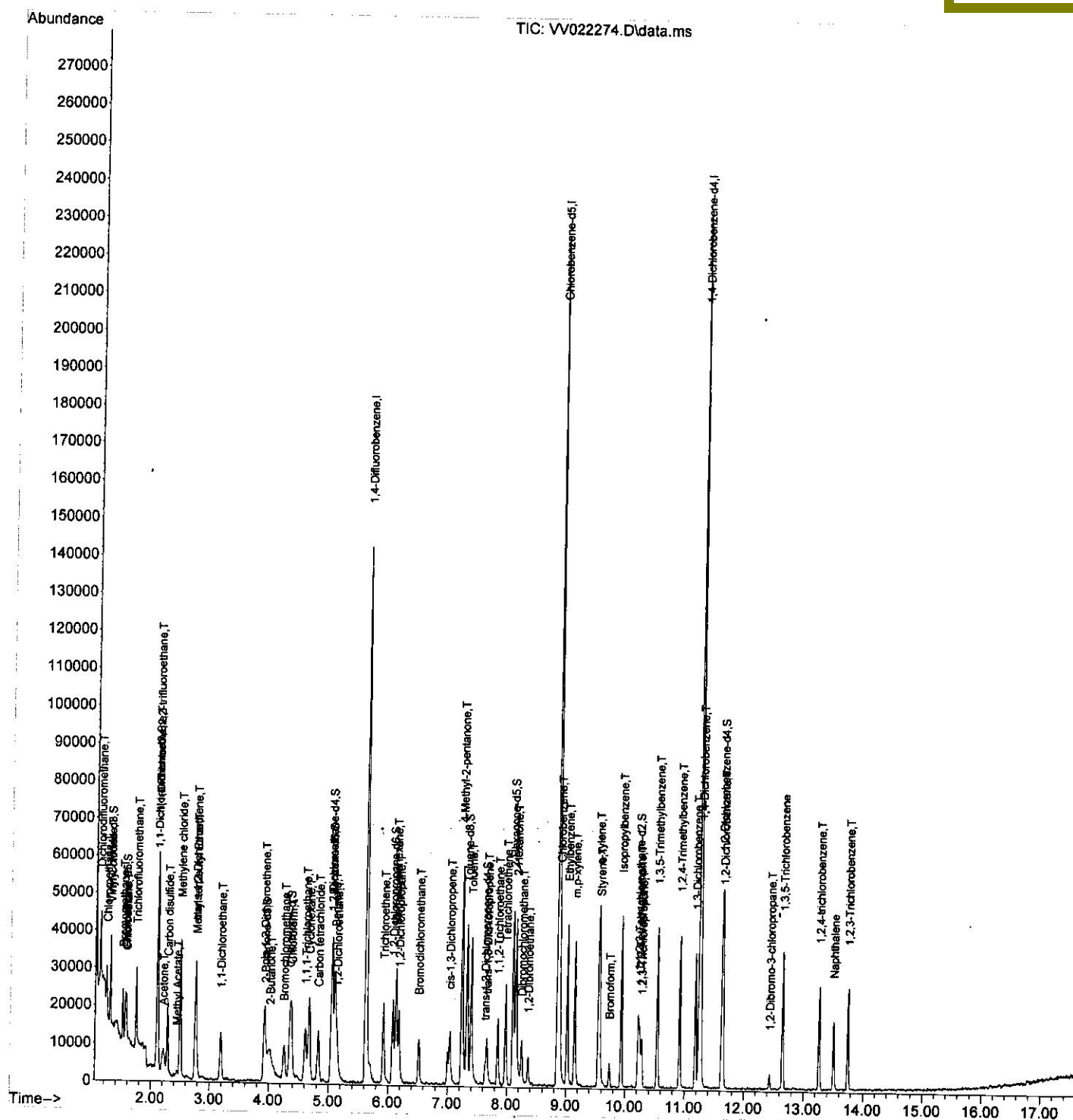
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092321\  
Data File : VV022274.D  
Acq On    : 23 Sep 2021  10:40  
Operator  : SY/MD  
Sample    : VSTD00125  
Misc      : 25.0mL/MSVOA_V/WATER  
ALS Vial  : 3   Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VSTD001225

Quant Time: Sep 24 02:38:29 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092321WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Sep 24 02:37:45 2021  
Response via : Initial Calibration

## Manual Integrations APPROVED

MMDadoda  
9/27/2021 10:55:06 AM



# Quantitation Report (Qedit)

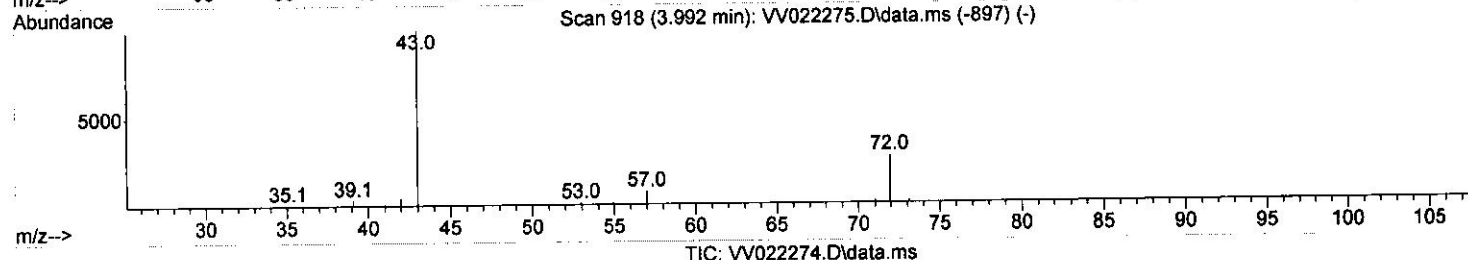
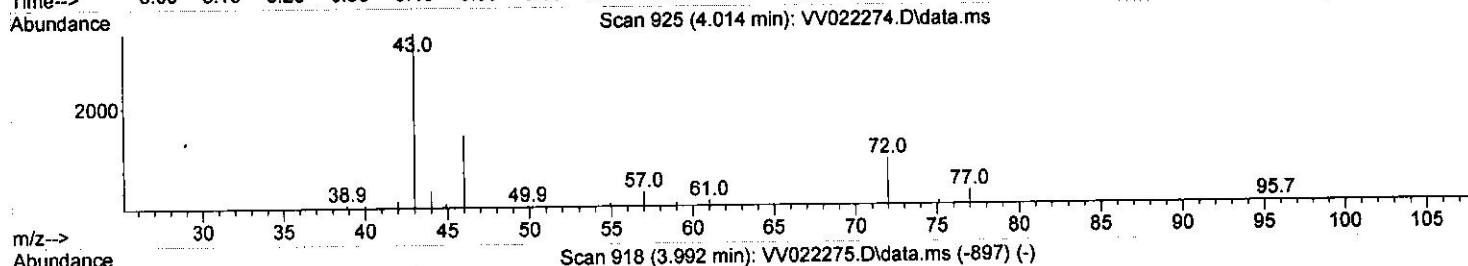
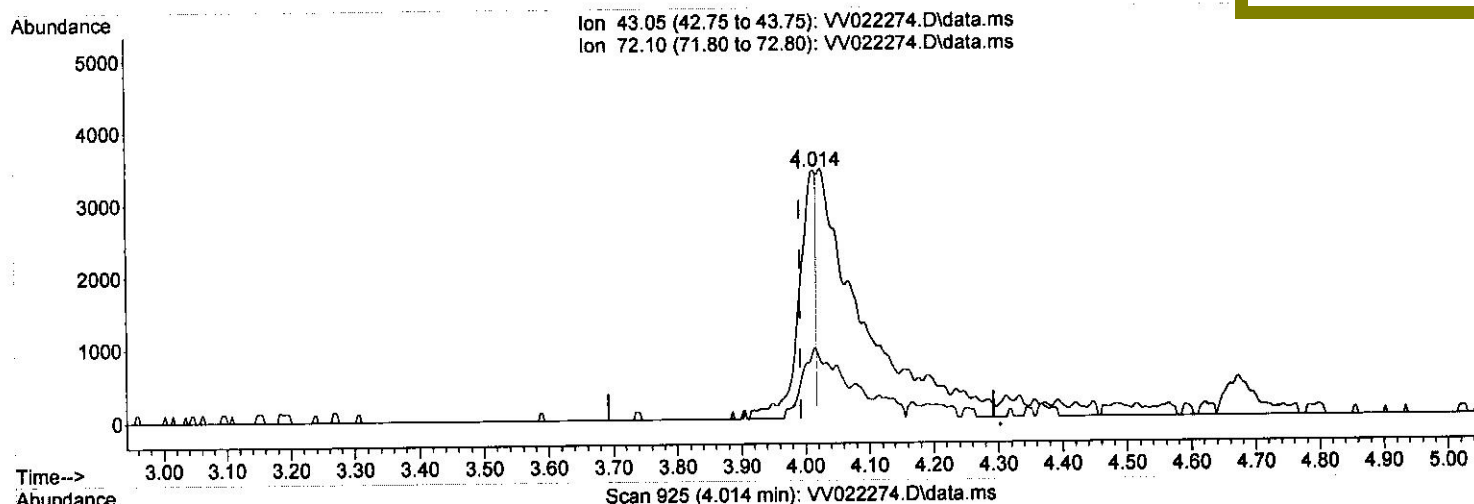
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 ClientSampled :  
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(21) 2-Butanone (T)

4.014min (+ 0.022) 2.51 ug/L

response 5309

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 24.80  | 50.93# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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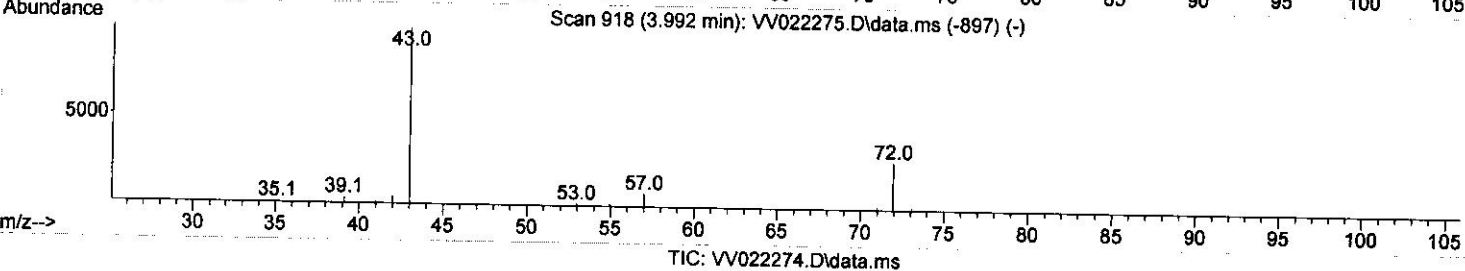
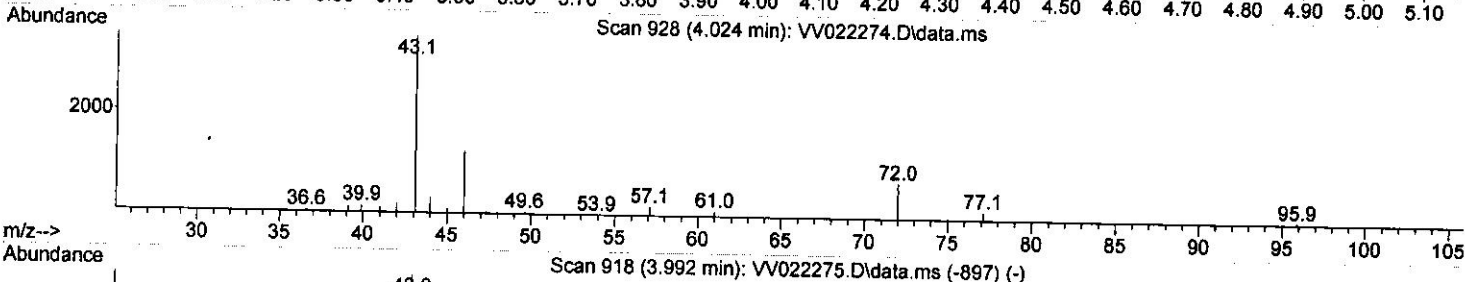
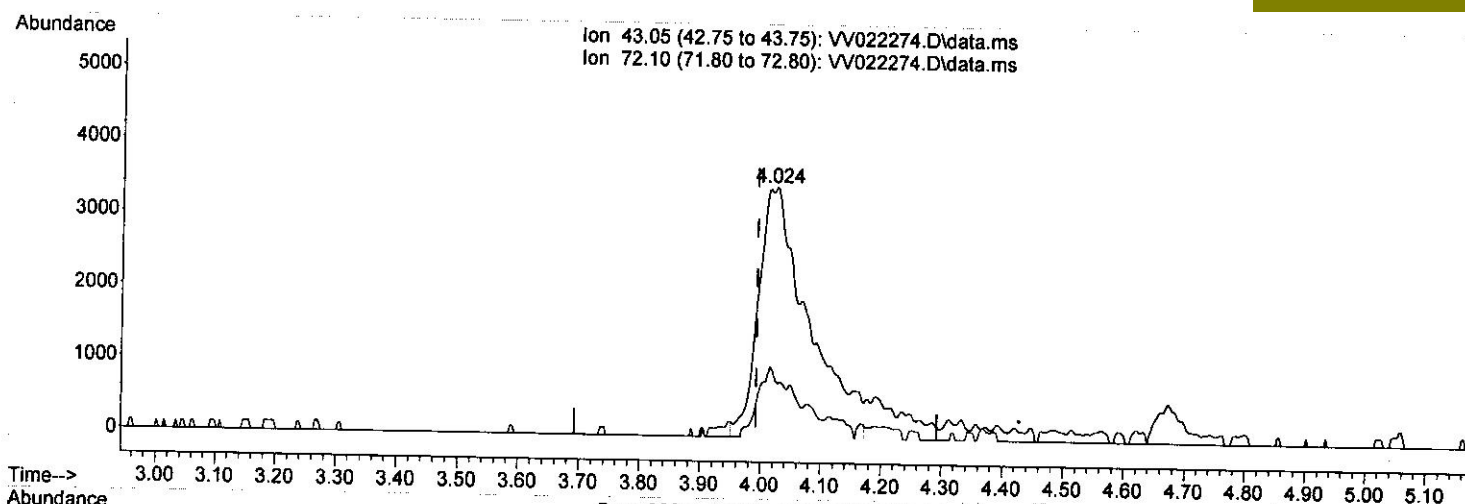
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 Client Sampled :  
 VSTD001225

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 9/27/2021 10:55:06 AM



(21) 2-Butanone (T)

4.024min (+ 0.032) 9.42 ug/L m } SY 10/1/21

response 19915

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 24.80  | 13.58  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Manual Integrations  
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| Compound                      | R.T.   | QIon | Response | Conc Units   | Dev(Min)  |
|-------------------------------|--------|------|----------|--------------|-----------|
| Internal Standards            |        |      |          |              |           |
| 1) 1,4-Difluorobenzene        | 5.619  | 114  | 125974   | 5.000 ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.853  | 117  | 126389   | 5.000 ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152  | 59797    | 5.000 ug/L   | 0.00      |
| System Monitoring Compounds   |        |      |          |              |           |
| 4) Vinyl Chloride-d3          | 1.301  | 65   | 5825     | 1.086 ug/L   | 0.00      |
| 7) Chloroethane-d5            | 1.564  | 69   | 7495     | 1.186 ug/L   | 0.00      |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63   | 14687    | 1.190 ug/L   | 0.00      |
| 20) 2-Butanone-d5             | 3.940  | 46   | 23659    | 11.066 ug/L  | 0.04      |
| 24) Chloroform-d              | 4.349  | 84   | 17605    | 1.070 ug/L   | 0.00      |
| 26) 1,2-Dichloroethane-d4     | 5.043  | 65   | 8594     | 1.128 ug/L   | 0.00      |
| 32) Benzene-d6                | 5.053  | 84   | 33066    | 0.984 ug/L   | 0.00      |
| 36) 1,2-Dichloropropane-d6    | 6.075  | 67   | 10558    | 0.976 ug/L   | 0.00      |
| 41) Toluene-d8                | 7.320  | 98   | 29363    | 0.947 ug/L   | 0.00      |
| 43) trans-1,3-Dichloroprop... | 7.632  | 79   | 3095     | 0.946 ug/L   | 0.00      |
| 46) 2-Hexanone-d5             | 8.098  | 63   | 17237    | 10.101 ug/L  | 0.00      |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84   | 9033     | 1.205 ug/L   | 0.00      |
| 66) 1,2-Dichlorobenzene-d4    | 11.628 | 152  | 10855    | 0.995 ug/L   | 0.00      |
| Target Compounds              |        |      |          |              |           |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 9099     | 0.956 ug/L   | Qvalue 90 |
| 3) Chloromethane              | 1.240  | 50   | 9324     | 1.103 ug/L   | 100       |
| 5) Vinyl chloride             | 1.307  | 62   | 8613     | 0.990 ug/L   | 98        |
| 6) Bromomethane               | 1.519  | 94   | 5801     | 1.057 ug/L   | 100       |
| 8) Chloroethane               | 1.580  | 64   | 5870     | 1.077 ug/L   | 99        |
| 9) Trichlorofluoromethane     | 1.748  | 101  | 11792    | 0.939 ug/L   | 99        |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 7202     | 1.025 ug/L   | 98        |
| 12) 1,1-Dichloroethene        | 2.111  | 96   | 6669     | 1.057 ug/L   | 93        |
| 13) Acetone                   | 2.214  | 43   | 13146    | 10.007 ug/L  | 51        |
| 14) Carbon disulfide          | 2.288  | 76   | 20749    | 1.096 ug/L   | 97        |
| 15) Methyl Acetate            | 2.449  | 43   | 2693     | 0.720 ug/L   | 99        |
| 16) Methylene chloride        | 2.506  | 84   | 15259    | 1.407 ug/L   | 98        |
| 17) Methyl tert-butyl Ether   | 2.773  | 73   | 16787    | 0.892 ug/L # | 95        |
| 18) trans-1,2-Dichloroethene  | 2.760  | 96   | 7444     | 0.942 ug/L   | 99        |
| 19) 1,1-Dichloroethane        | 3.188  | 63   | 13446    | 0.919 ug/L   | 97        |
| 21) 2-Butanone                | 4.024  | 43   | 19915    | 9.418 ug/L   | 99        |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96   | 7468     | 0.857 ug/L   | 99        |
| 23) Bromochloromethane        | 4.252  | 128  | 3571     | 0.904 ug/L   | 91        |
| 25) Chloroform                | 4.381  | 83   | 13942    | 0.902 ug/L   | 99        |
| 27) 1,2-Dichloroethane        | 5.140  | 62   | 8492     | 0.999 ug/L   | 99        |
| 29) 1,1,1-Trichloroethane     | 4.612  | 97   | 11574    | 0.840 ug/L   | 99        |
| 30) Cyclohexane               | 4.674  | 56   | 10512    | 0.827 ug/L # | 91        |
| 31) Carbon tetrachloride      | 4.828  | 117  | 9731     | 0.819 ug/L   | 100       |
| 33) Benzene                   | 5.104  | 78   | 29306    | 0.876 ug/L   | 100       |
| 34) Trichloroethene           | 5.921  | 95   | 7204     | 0.777 ug/L   | 92        |
| 35) Methylcyclohexane         | 6.130  | 83   | 11306    | 0.830 ug/L   | 97        |
| 37) 1,2-Dichloropropane       | 6.178  | 63   | 6988     | 0.828 ug/L # | 96        |
| 38) Bromodichloromethane      | 6.516  | 83   | 8531     | 0.799 ug/L # | 94        |
| 39) cis-1,3-Dichloropropene   | 7.034  | 75   | 8554     | 0.717 ug/L   | 97        |
| 40) 4-Methyl-2-pentanone      | 7.233  | 43   | 44539    | 8.493 ug/L   | 97        |
| 42) Toluene                   | 7.394  | 91   | 29960    | 0.824 ug/L   | 99        |
| 44) trans-1,3-Dichloropropene | 7.661  | 75   | 7176     | 0.700 ug/L   | 99        |

SY  
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| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 7.847  | 97   | 5744     | 0.910 | ug/L   | 94       |
| 47) Tetrachloroethene         | 7.979  | 164  | 6467     | 0.881 | ug/L   | 97       |
| 48) 2-Hexanone                | 8.149  | 43   | 32518    | 8.938 | ug/L   | 94       |
| 49) Dibromochloromethane      | 8.249  | 129  | 5730     | 0.776 | ug/L   | 93       |
| 50) 1,2-Dibromoethane         | 8.358  | 107  | 5137     | 0.867 | ug/L # | 98       |
| 51) Chlorobenzene             | 8.886  | 112  | 20656    | 0.863 | ug/L   | 100      |
| 52) Ethylbenzene              | 9.017  | 91   | 30789    | 0.798 | ug/L   | 99       |
| 53) m,p-xylene                | 9.143  | 106  | 11817    | 0.784 | ug/L   | 94       |
| 54) o-xylene                  | 9.548  | 106  | 11233    | 0.756 | ug/L   | 95       |
| 55) Styrene                   | 9.567  | 104  | 17329    | 0.703 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.246 | 83   | 7019     | 1.038 | ug/L   | 99       |
| 59) Bromoform                 | 9.734  | 173  | 2899     | 0.809 | ug/L # | 96       |
| 60) Isopropylbenzene          | 9.934  | 105  | 28207    | 0.784 | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 10.278 | 75   | 5151     | 1.068 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.541 | 105  | 22749    | 0.761 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.918 | 105  | 22008    | 0.728 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.185 | 146  | 14567    | 0.836 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 15173    | 0.872 | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 11.648 | 146  | 14650    | 0.899 | ug/L   | 94       |
| 68) 1,2-Dibromo-3-chloropr... | 12.435 | 75   | 838      | 0.919 | ug/L   | 88       |
| 69) 1,3,5-Trichlorobenzene    | 12.651 | 180  | 10892    | 0.808 | ug/L   | 94       |
| 70) 1,2,4-trichlorobenzene    | 13.265 | 180  | 8456     | 0.796 | ug/L   | 98       |
| 71) Naphthalene               | 13.506 | 128  | 14421    | 0.887 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.747 | 180  | 7637     | 0.811 | ug/L   | 95       |

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