

Quantitation Report (QT Reviewed)

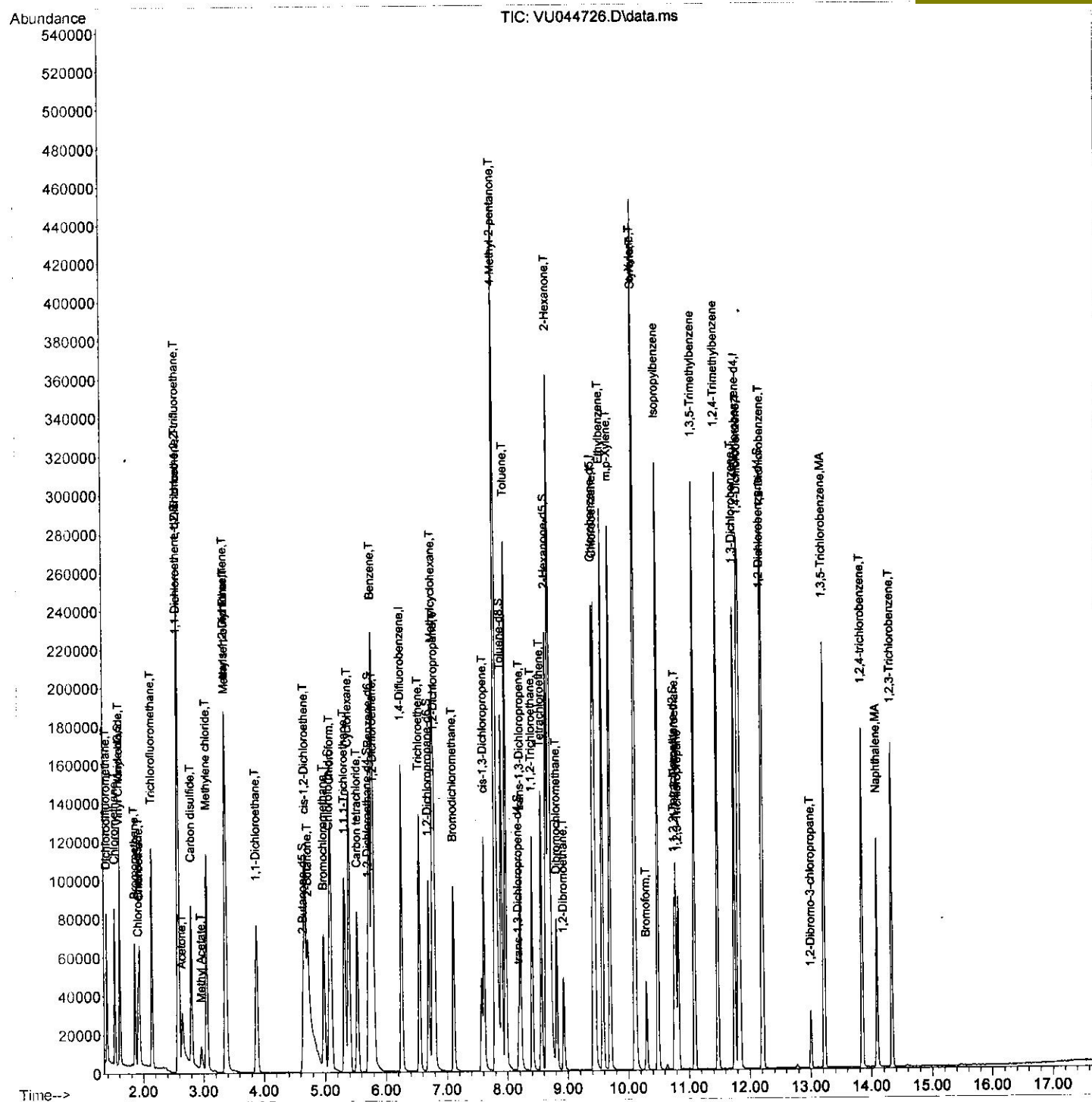
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092121\  
Data File : VU044726.D  
Acq On : 21 Sep 2021 10:30  
Operator : SY/MD  
Sample : VSTDCCC005  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**  
MSVOA\_U  
**LabSampleId :**  
VSTDCCC005

Quant Time: Sep 22 01:29:39 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090921WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Sep 21 02:46:41 2021  
Response via : Initial Calibration

## Manual Integrations APPROVED

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9/22/2021 9:57:10 AM



# Quantitation Report (Qedit)

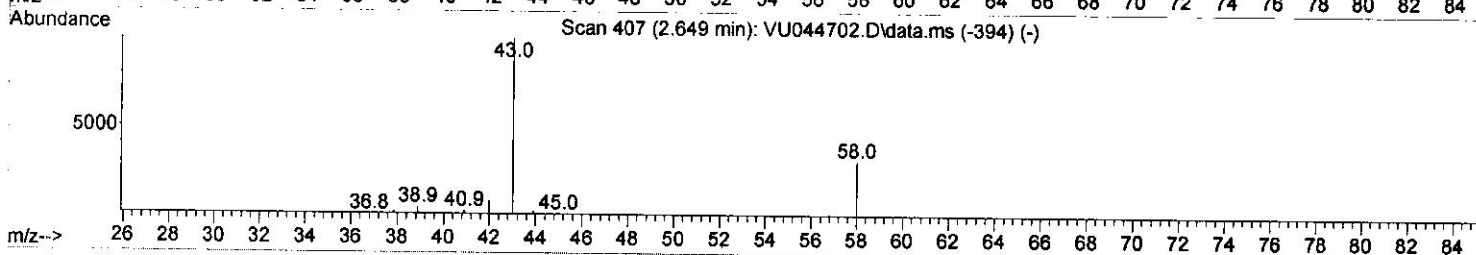
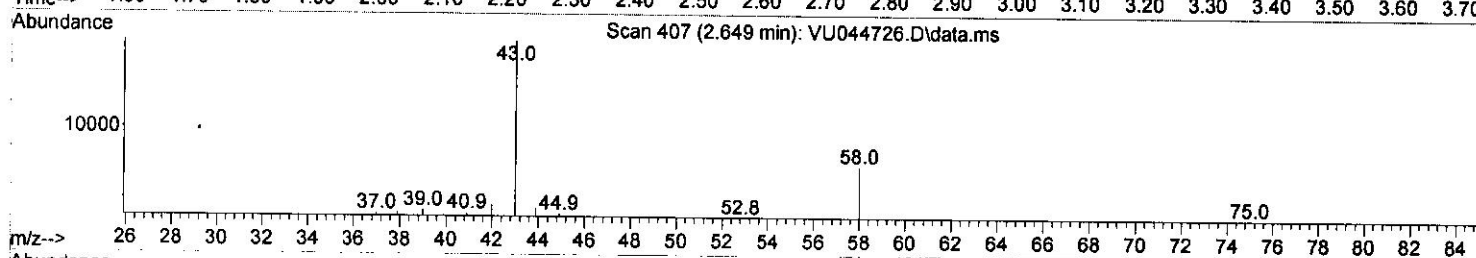
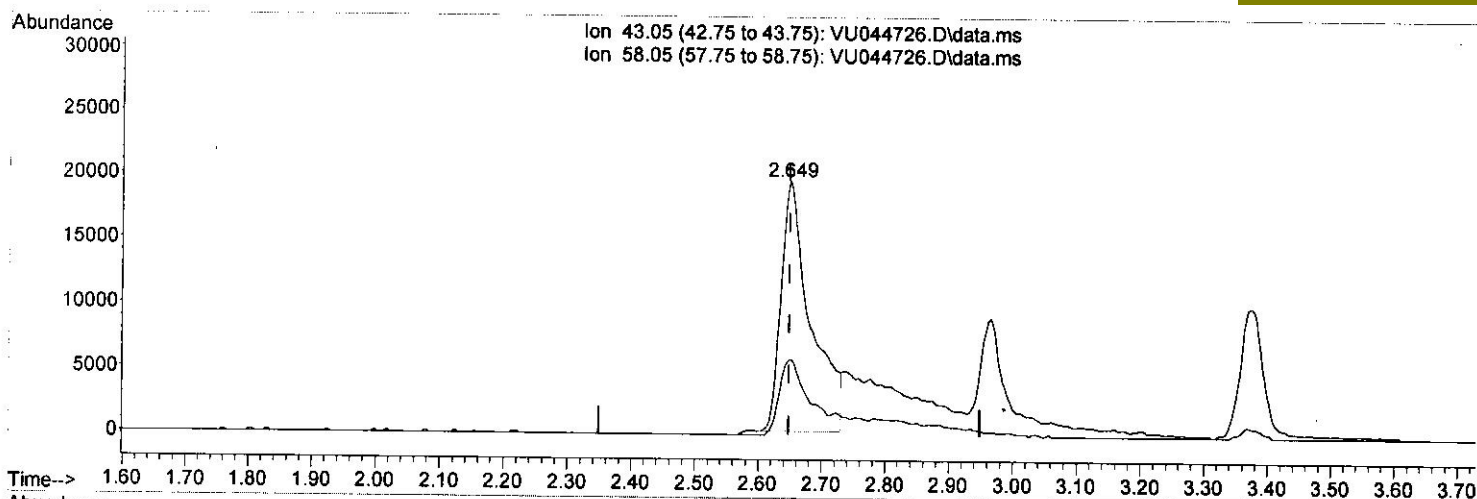
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TIC: VU044726.D\data.ms

(13) Acetone (T)

2.649min (+ 0.000) 32.40 ug/L

response 63085

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 21.20  | 28.90  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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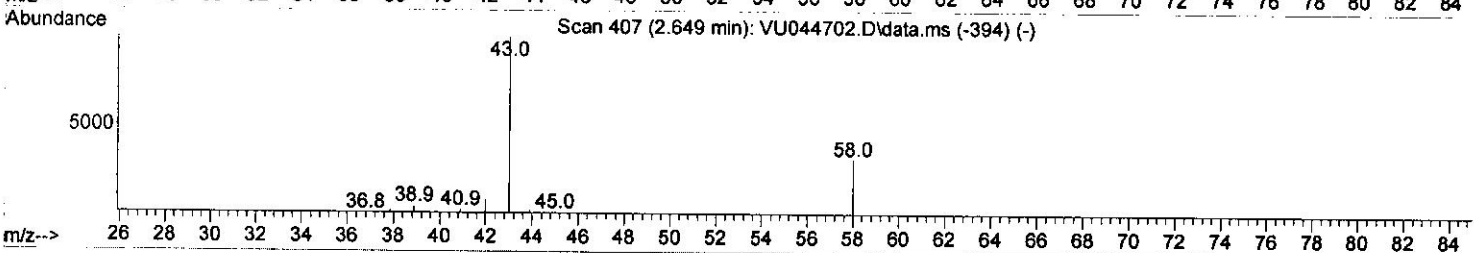
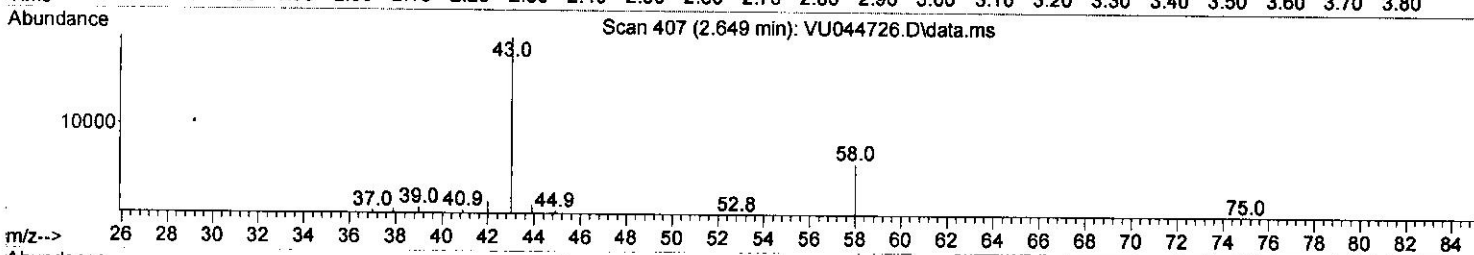
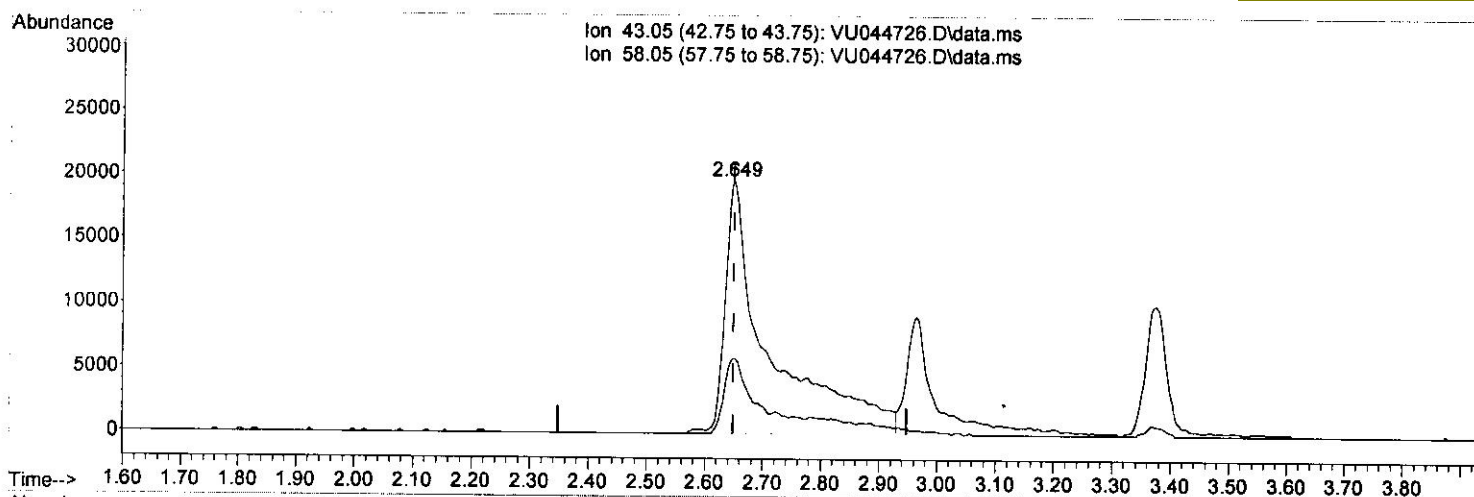
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TIC: VU044726.D\data.ms

(13) Acetone (T)

2.649min (+ 0.000) 53.30 ug/L m

response 103792

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 21.20  | 17.57  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

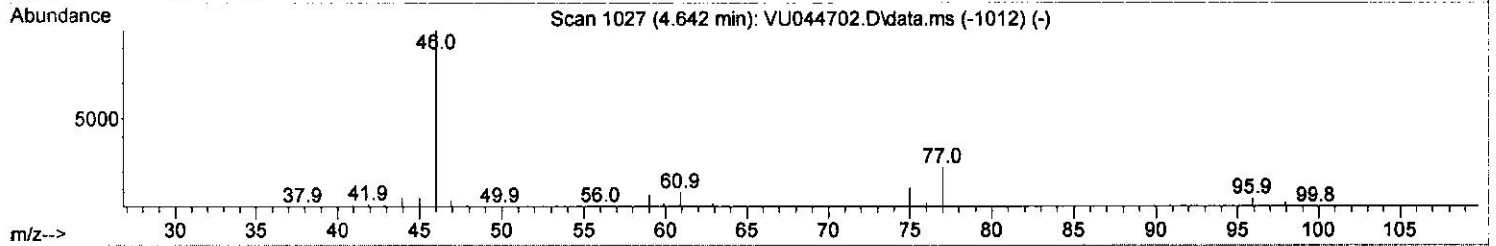
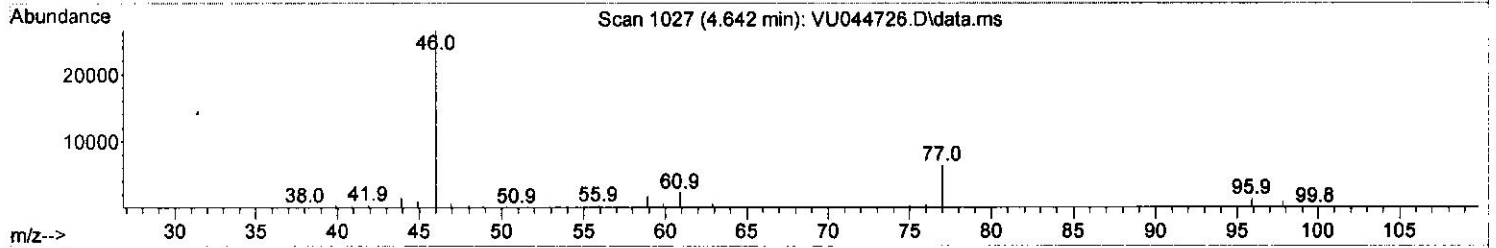
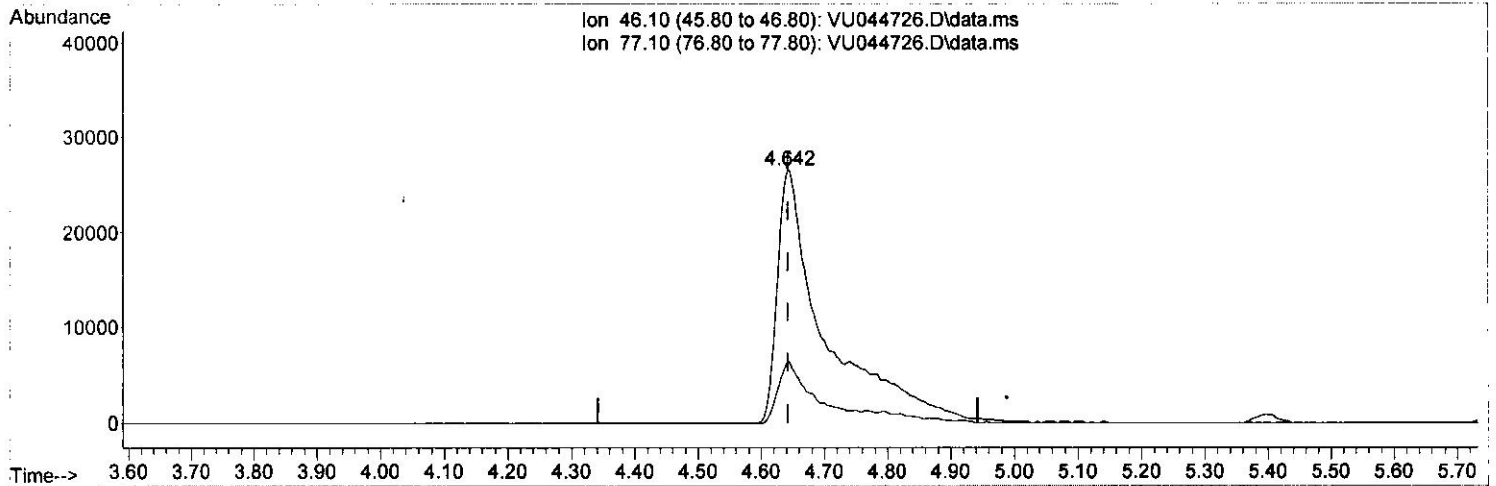
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TIC: VU044726.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.000) 33.61 ug/L

response 100467

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 17.40  | 23.62# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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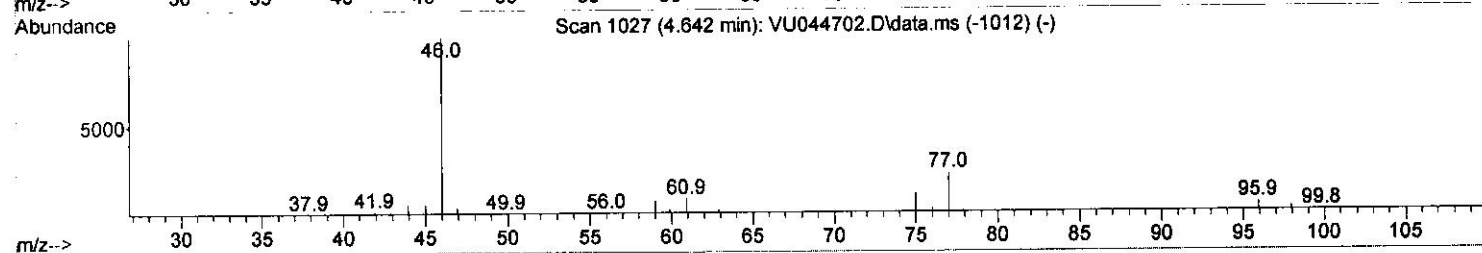
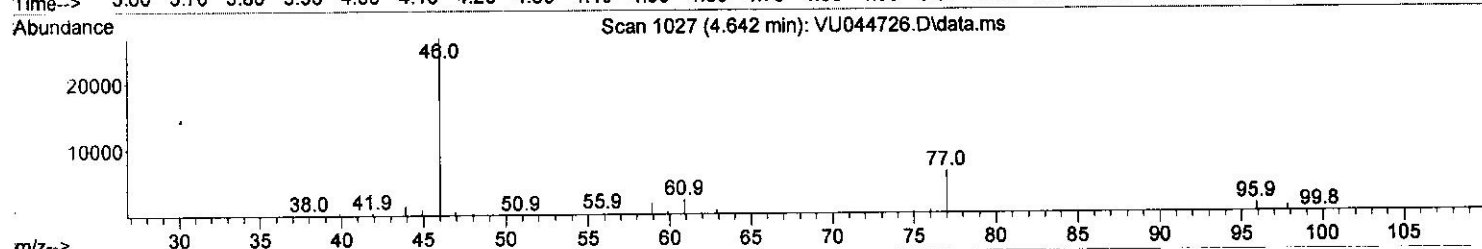
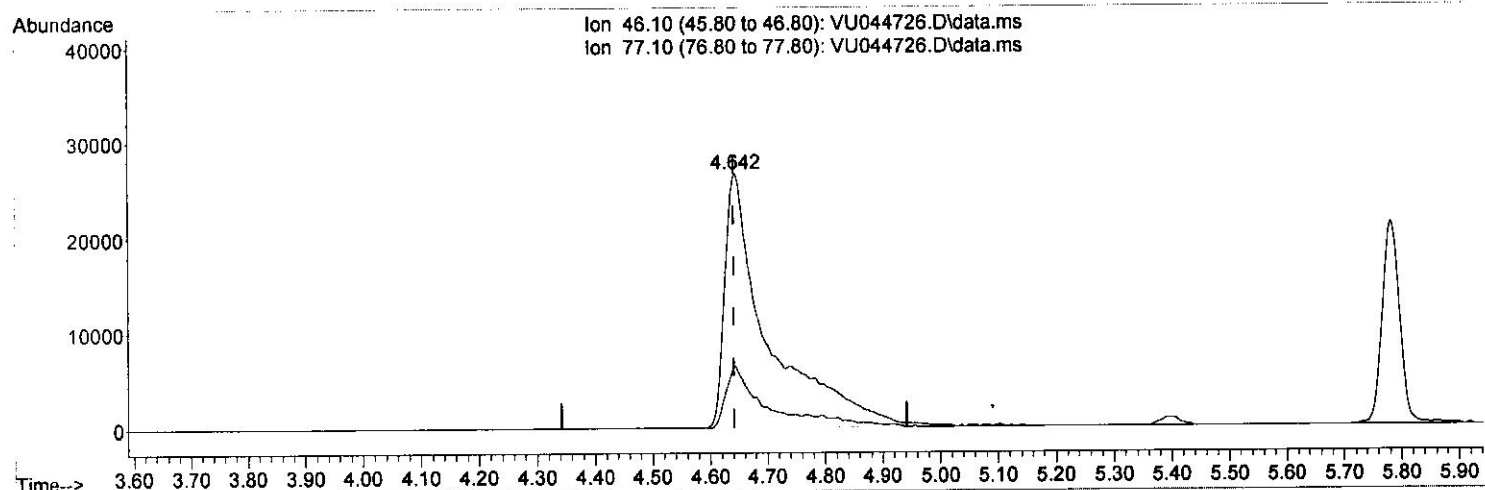
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 LabSampleId :  
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TIC: VU044726.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.000) 46.39 ug/L m

response 138677

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 17.40  | 17.11  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



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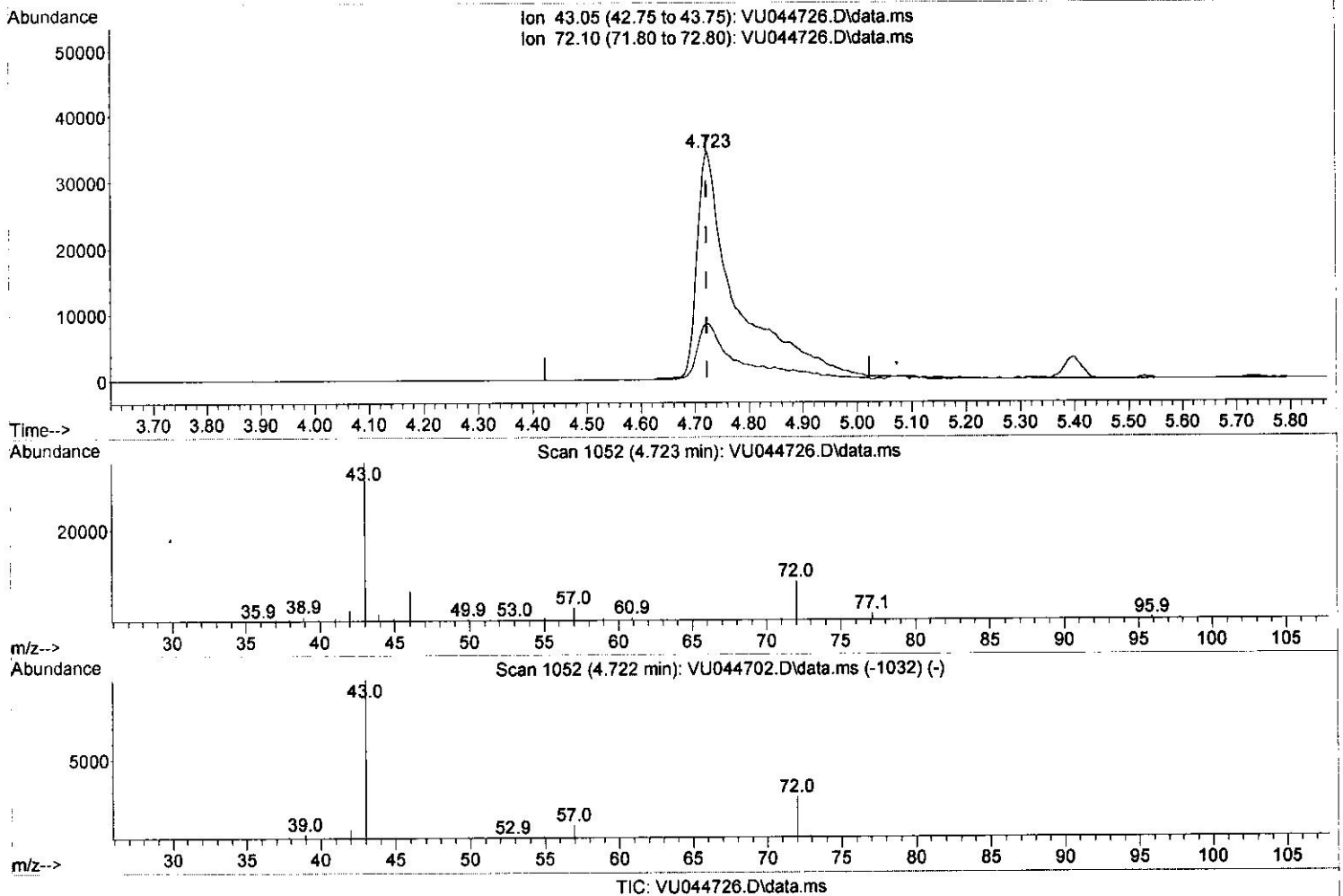
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 Sample : VSTDCCC005  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 LabSampleId :  
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 9/22/2021 9:57:10 AM



(21) 2-Butanone (T)

4.723min (+ 0.000) 47.14 ug/L

response 153278

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 18.30  | 21.60  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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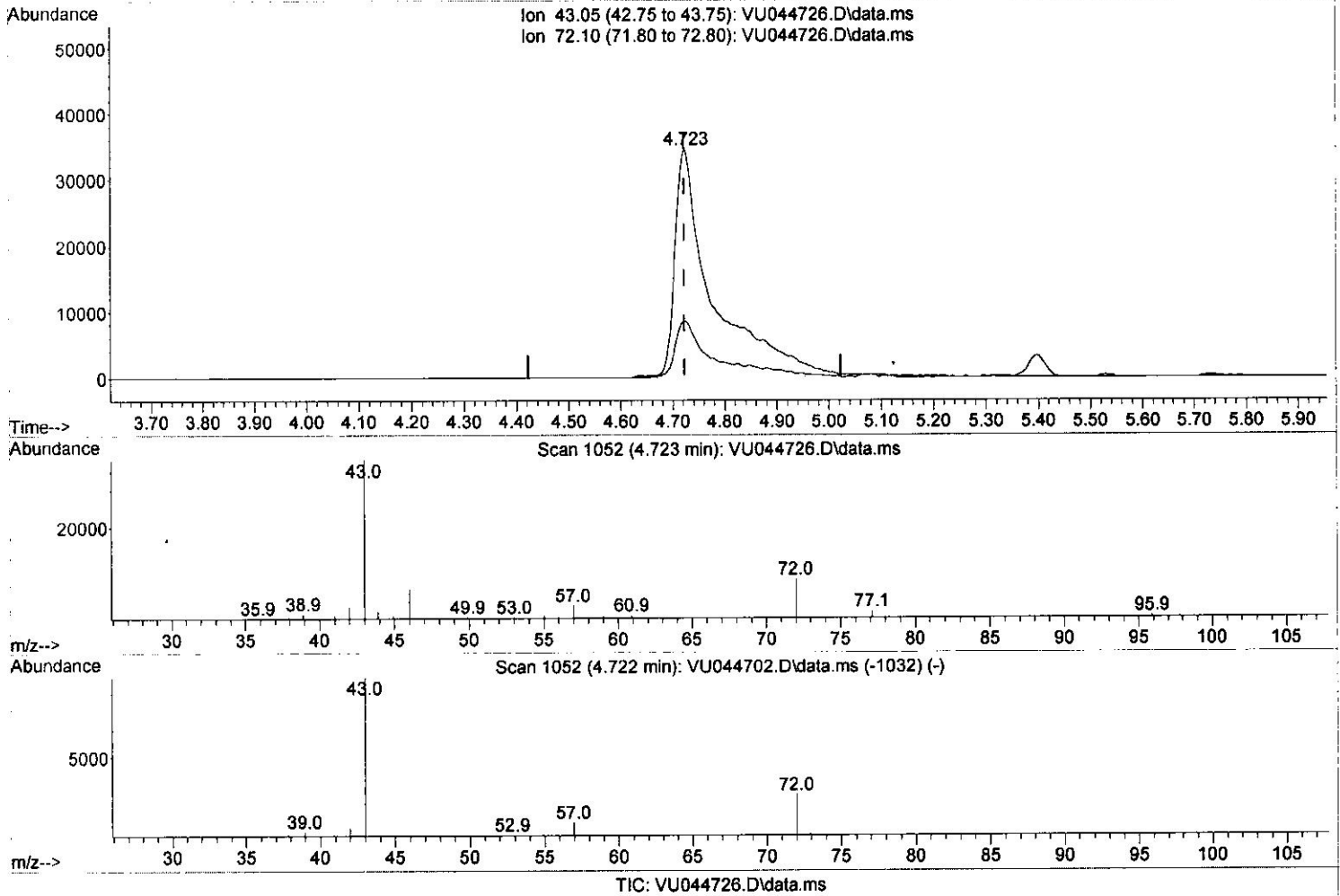
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092121\  
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 MSVOA\_U  
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(21) 2-Butanone (T)

4.723min (+ 0.000) 53.06 ug/L m } M.D.  
 9/23/21

response 172497

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 18.30  | 19.19  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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| Compound                   | R.T.   | QIon | Response | Conc Units | Dev(Min) |
|----------------------------|--------|------|----------|------------|----------|
| -----                      |        |      |          |            |          |
| Internal Standards         |        |      |          |            |          |
| 1) 1,4-Difluorobenzene     | 6.256  | 114  | 120871   | 5.000 ug/L | 0.00     |
| 28) Chlorobenzene-d5       | 9.423  | 117  | 121047   | 5.000 ug/L | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.819 | 152  | 60771    | 5.000 ug/L | 0.00     |

|                               |                |     |            |             |      |
|-------------------------------|----------------|-----|------------|-------------|------|
| System Monitoring Compounds   |                |     |            |             |      |
| 4) Vinyl Chloride-d3          | 1.601          | 65  | 33429      | 4.687 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 40 - 130 |     | Recovery = | 93.800%     |      |
| 7) Chloroethane-d5            | 1.919          | 69  | 29460      | 4.048 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 65 - 130 |     | Recovery = | 81.000%     |      |
| 11) 1,1-Dichloroethene-d2     | 2.575          | 65  | 15027      | 4.172 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 60 - 125 |     | Recovery = | 83.400%     |      |
| 20) 2-Butanone-d5             | 4.642          | 46  | 138677m    | 46.386 ug/L | 0.00 |
| Spiked Amount 50.000          | Range 40 - 130 |     | Recovery = | 92.780%     |      |
| 24) Chloroform-d              | 5.073          | 84  | 69647      | 4.643 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 70 - 125 |     | Recovery = | 92.800%     |      |
| 26) 1,2-Dichloroethane-d4     | 5.710          | 65  | 41339      | 4.622 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 70 - 130 |     | Recovery = | 92.400%     |      |
| 32) Benzene-d6                | 5.735          | 84  | 129446     | 4.194 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 70 - 125 |     | Recovery = | 83.800%     |      |
| 36) 1,2-Dichloropropane-d6    | 6.697          | 67  | 44666      | 4.407 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 60 - 140 |     | Recovery = | 88.200%     |      |
| 41) Toluene-d8                | 7.903          | 98  | 114104     | 4.247 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 70 - 130 |     | Recovery = | 85.000%     |      |
| 43) trans-1,3-Dichloroprop... | 8.186          | 79  | 17144      | 4.798 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 55 - 130 |     | Recovery = | 96.000%     |      |
| 46) 2-Hexanone-d5             | 8.645          | 63  | 104829     | 45.649 ug/L | 0.00 |
| Spiked Amount 50.000          | Range 45 - 130 |     | Recovery = | 91.300%     |      |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84  | 42684      | 4.749 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 65 - 120 |     | Recovery = | 95.000%     |      |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152 | 41857      | 4.174 ug/L  | 0.00 |
| Spiked Amount 5.000           | Range 80 - 120 |     | Recovery = | 83.400%     |      |

m.D  
 9/23/21

|                               |       |     |         |             |    |
|-------------------------------|-------|-----|---------|-------------|----|
| Target Compounds              |       |     |         | Qvalue      |    |
| 2) Dichlorodifluoromethane    | 1.388 | 85  | 44983   | 4.667 ug/L  | 98 |
| 3) Chloromethane              | 1.523 | 50  | 55168   | 4.761 ug/L  | 99 |
| 5) Vinyl chloride             | 1.607 | 62  | 57157   | 4.836 ug/L  | 97 |
| 6) Bromomethane               | 1.861 | 94  | 28168   | 4.651 ug/L  | 97 |
| 8) Chloroethane               | 1.938 | 64  | 37841   | 5.023 ug/L  | 99 |
| 9) Trichlorofluoromethane     | 2.144 | 101 | 69490   | 5.221 ug/L  | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588 | 101 | 42809   | 5.240 ug/L  | 97 |
| 12) 1,1-Dichloroethene        | 2.588 | 96  | 38695   | 4.983 ug/L  | 89 |
| 13) Acetone                   | 2.649 | 43  | 103792m | 53.303 ug/L |    |
| 14) Carbon disulfide          | 2.800 | 76  | 102115  | 4.154 ug/L  | 98 |
| 15) Methyl Acetate            | 2.964 | 43  | 18274   | 5.198 ug/L  | 96 |
| 16) Methylene chloride        | 3.054 | 84  | 50703   | 4.106 ug/L  | 97 |
| 17) Methyl tert-butyl Ether   | 3.372 | 73  | 110492  | 5.148 ug/L  | 99 |
| 18) trans-1,2-Dichloroethene  | 3.363 | 96  | 40700   | 4.931 ug/L  | 99 |
| 19) 1,1-Dichloroethane        | 3.880 | 63  | 89069   | 5.337 ug/L  | 99 |
| 21) 2-Butanone                | 4.723 | 43  | 172497m | 53.056 ug/L |    |
| 22) cis-1,2-Dichloroethene    | 4.678 | 96  | 45844   | 5.038 ug/L  | 99 |
| 23) Bromochloromethane        | 4.983 | 128 | 20125   | 5.220 ug/L  | 95 |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 25) Chloroform                | 5.096  | 83   | 91908    | 5.168  | ug/L  | 98       |
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 60973    | 5.237  | ug/L  | 97       |
| 29) 1,1,1-Trichloroethane     | 5.324  | 97   | 70639    | 5.355  | ug/L  | 99       |
| 30) Cyclohexane               | 5.395  | 56   | 68979    | 4.566  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.533  | 117  | 54353    | 5.265  | ug/L  | 100      |
| 33) Benzene                   | 5.780  | 78   | 187497   | 5.219  | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 45131    | 5.075  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.771  | 83   | 66891    | 4.577  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 52821    | 5.487  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.112  | 83   | 64244    | 5.504  | ug/L  | 95       |
| 39) cis-1,3-Dichloropropene   | 7.613  | 75   | 68836    | 5.047  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 408432   | 54.508 | ug/L  | 99       |
| 42) Toluene                   | 7.977  | 91   | 192241   | 5.124  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 60783    | 5.223  | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 37585    | 5.491  | ug/L  | 99       |
| 47) Tetrachloroethene         | 8.559  | 164  | 29167    | 4.723  | ug/L  | 96       |
| 48) 2-Hexanone                | 8.697  | 43   | 296974   | 53.247 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.816  | 129  | 37878    | 5.267  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 33658    | 5.223  | ug/L  | 99       |
| 51) Chlorobenzene             | 9.452  | 112  | 115528   | 4.967  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.575  | 91   | 199505   | 4.909  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.700  | 106  | 74274    | 4.806  | ug/L  | 97       |
| 54) o-Xylene                  | 10.105 | 106  | 74248    | 5.029  | ug/L  | 97       |
| 55) Styrene                   | 10.121 | 104  | 130109   | 5.035  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 50456    | 5.490  | ug/L  | 99       |
| 59) Bromoform                 | 10.298 | 173  | 19912    | 5.272  | ug/L  | 100      |
| 60) Isopropylbenzene          | 10.491 | 105  | 195512   | 5.140  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.829 | 75   | 37275    | 5.551  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 156437   | 4.952  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 161435   | 4.976  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 89040    | 5.020  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 89754    | 4.905  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.218 | 146  | 87338    | 5.188  | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 13.002 | 75   | 7921     | 5.364  | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 13.224 | 180  | 61155    | 4.535  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.844 | 180  | 48339    | 4.250  | ug/L  | 100      |
| 71) Naphthalene               | 14.092 | 128  | 89797    | 4.047  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 46172    | 4.410  | ug/L  | 99       |

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