

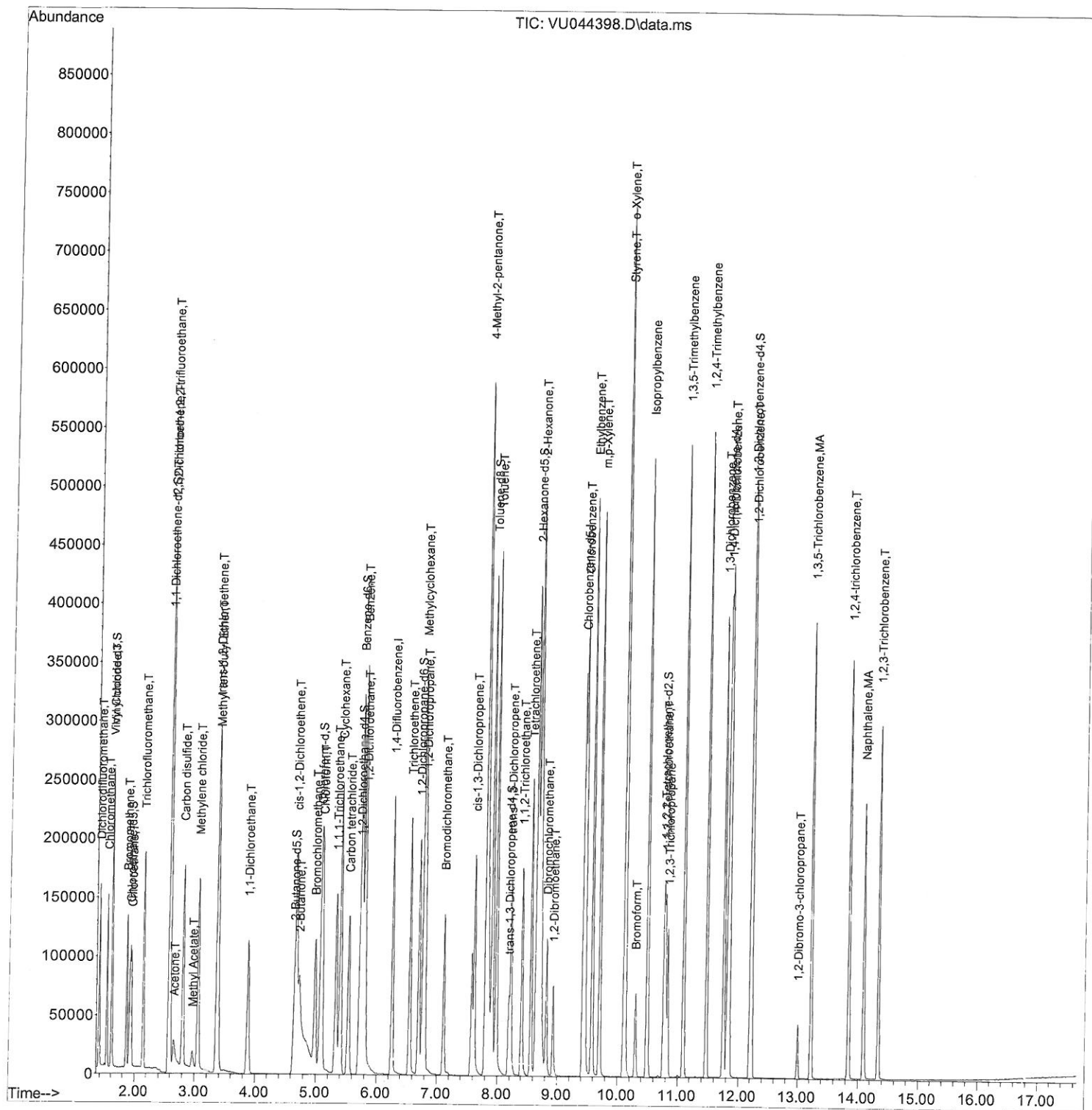
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072321\  
 Data File : VU044398.D  
 Acq On : 23 Jul 2021 14:56  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VICV018

Manual Integrations  
 APPROVED

MMDadoda  
 7/30/2021 6:16:44 PM

Quant Time: Jul 24 01:16:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jul 24 01:01:20 2021  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

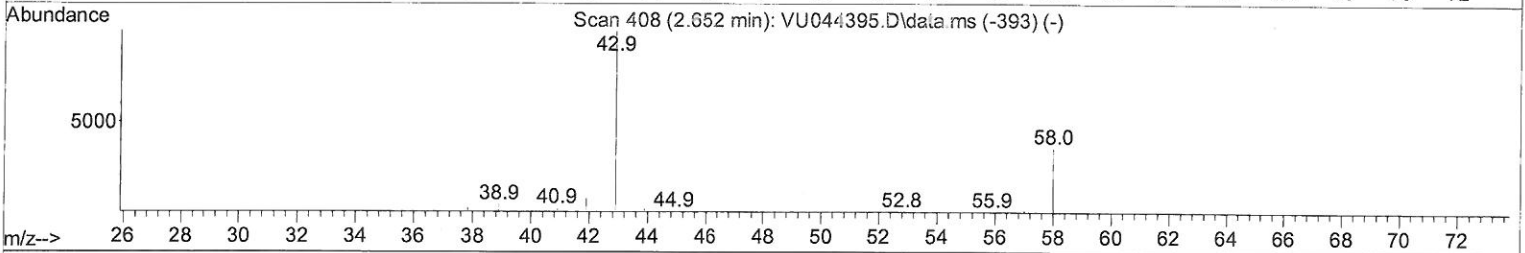
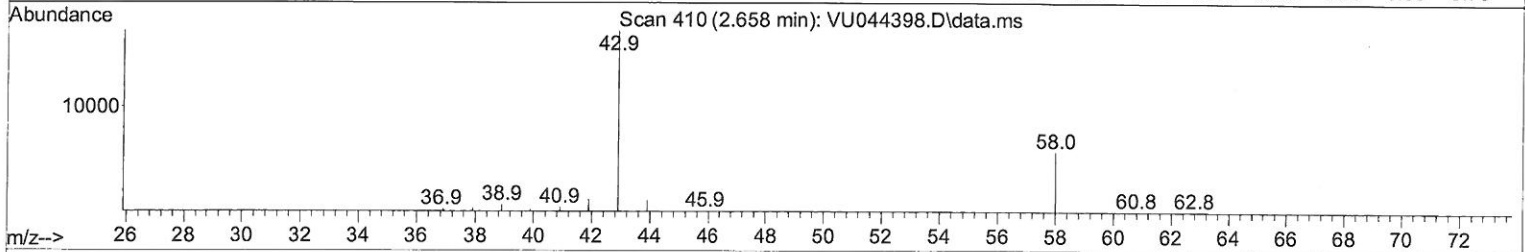
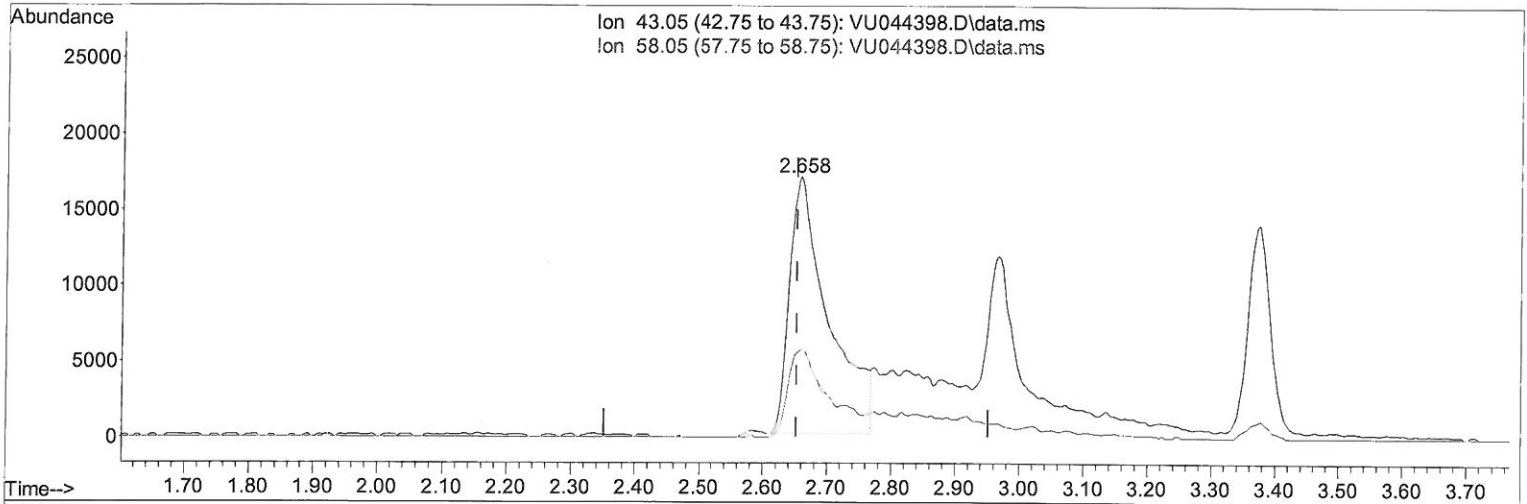
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TIC: VU044398.D\data.ms

(13) Acetone (T)

2.658min (+ 0.007) 30.33 ug/L

response 72023

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 33.60  | 28.70  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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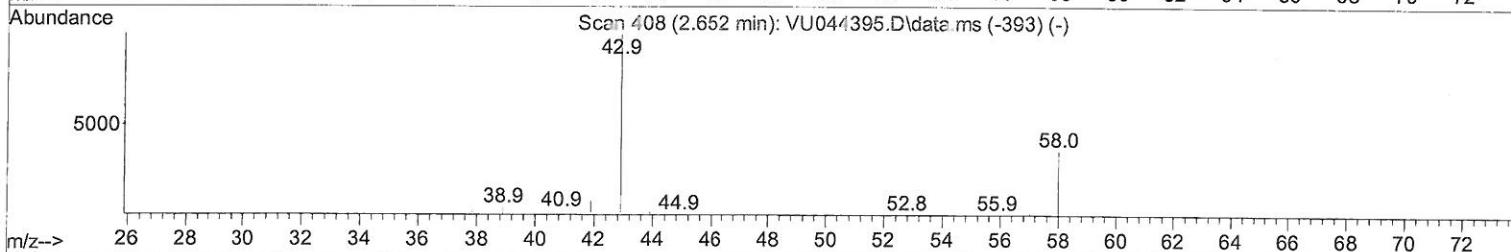
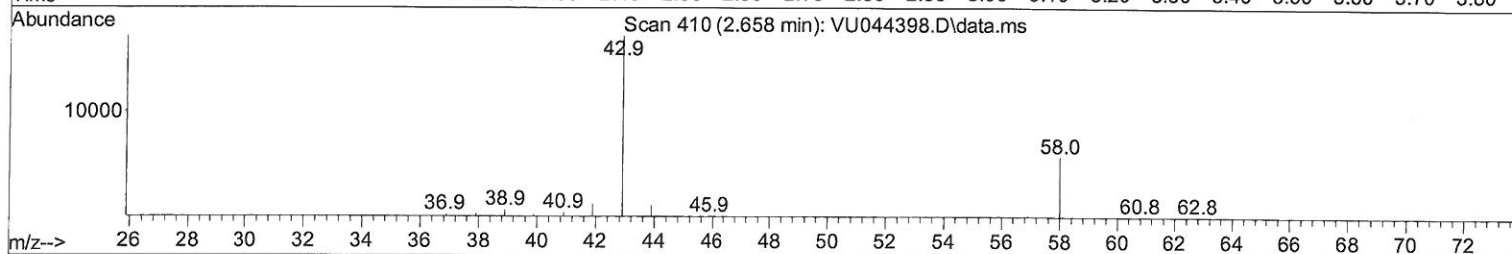
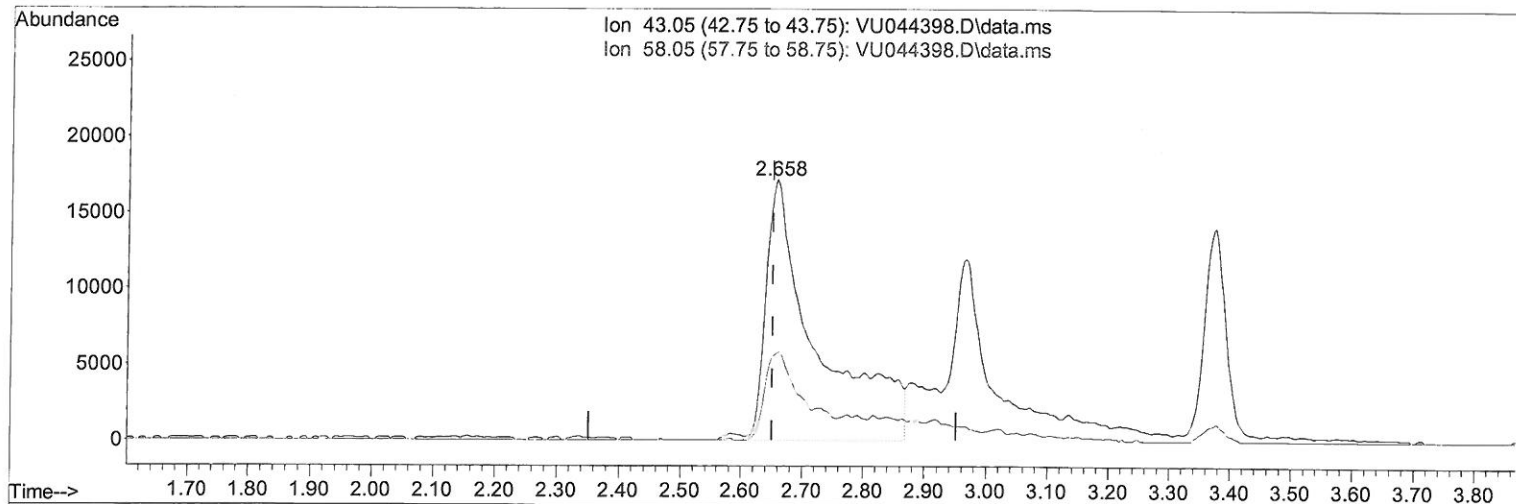
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TIC: VU044398.D\data.ms

(13) Acetone (T)

2.658min (+ 0.007) 41.69 ug/L m

response 99004

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 33.60  | 20.87  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

7 MD  
8/11/21

# Quantitation Report (Qedit)

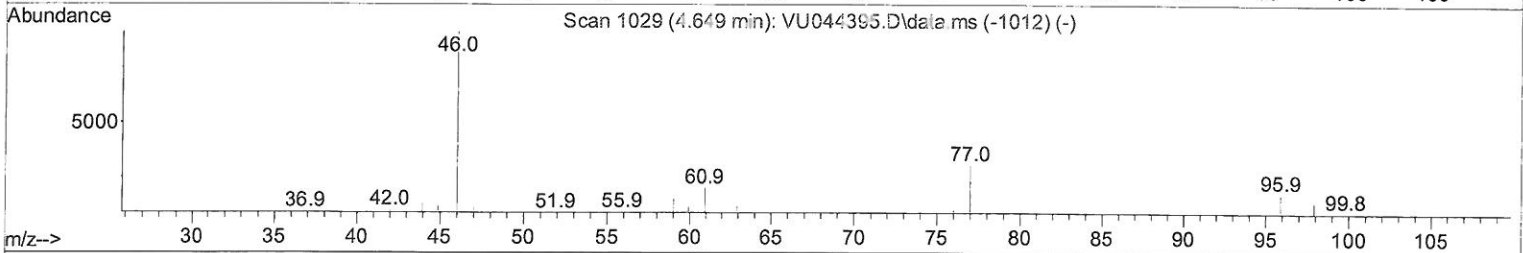
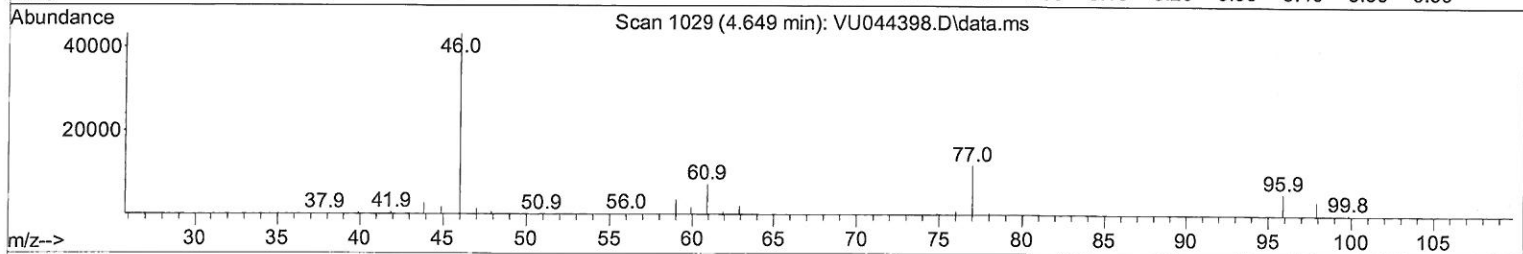
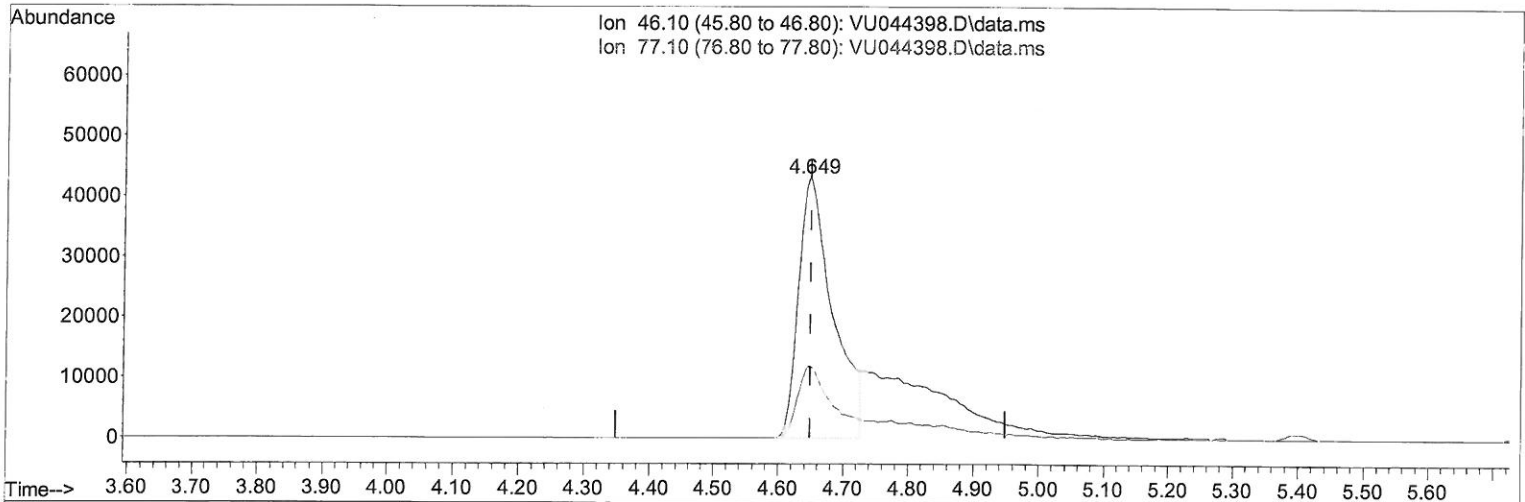
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TIC: VU044398.D\data.ms

(20) 2-Butanone-d5 (S)

4.649min (-0.000) 31.65 ug/L

response 157884

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 25.70  | 30.65  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



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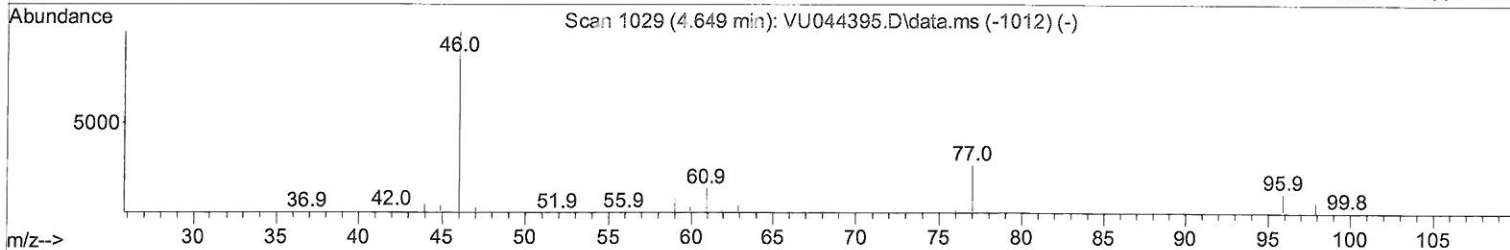
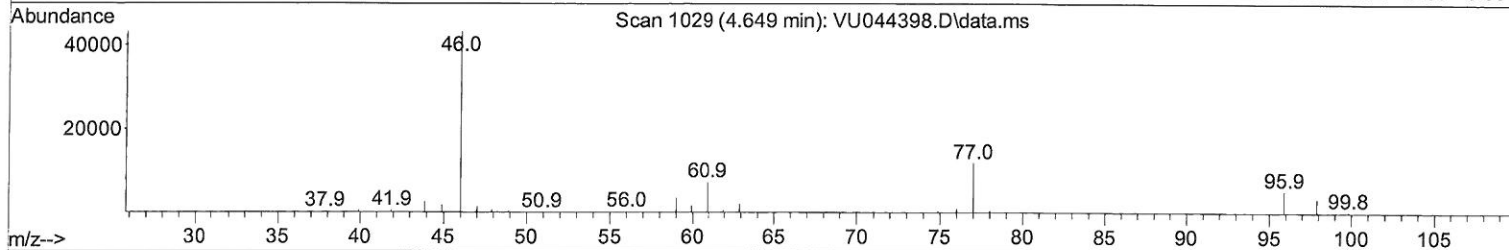
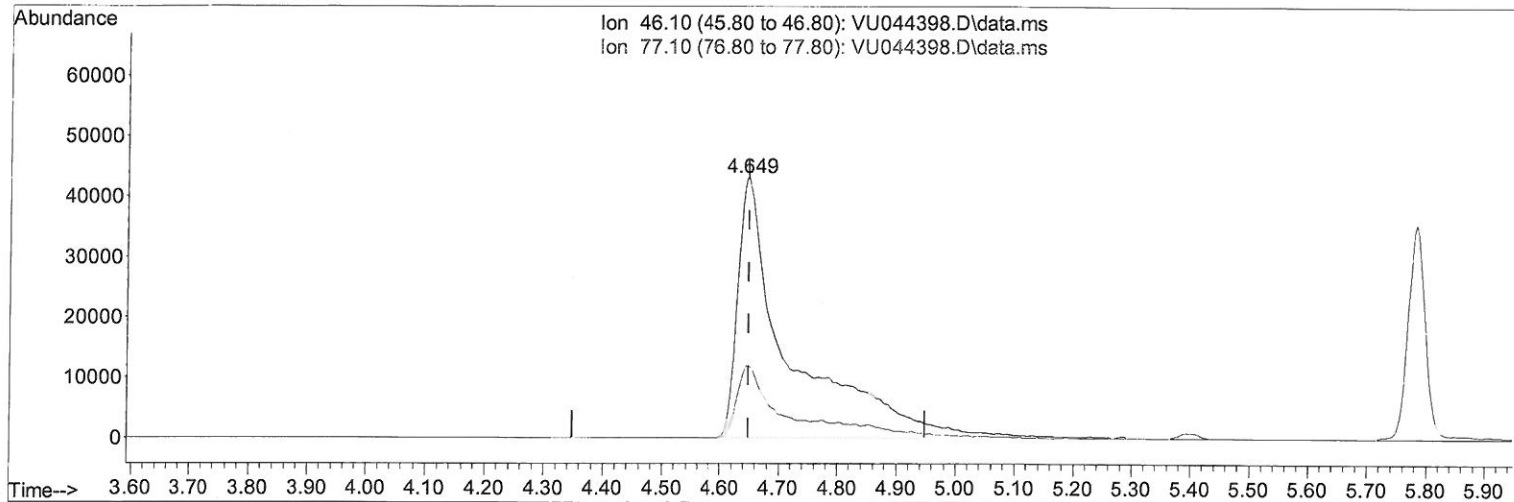
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Instrument :  
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TIC: VU044398.D\data.ms

(20) 2-Butanone-d5 (S)

4.649min (-0.000) 51.08 ug/L m

response 254745

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 25.70  | 18.99  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

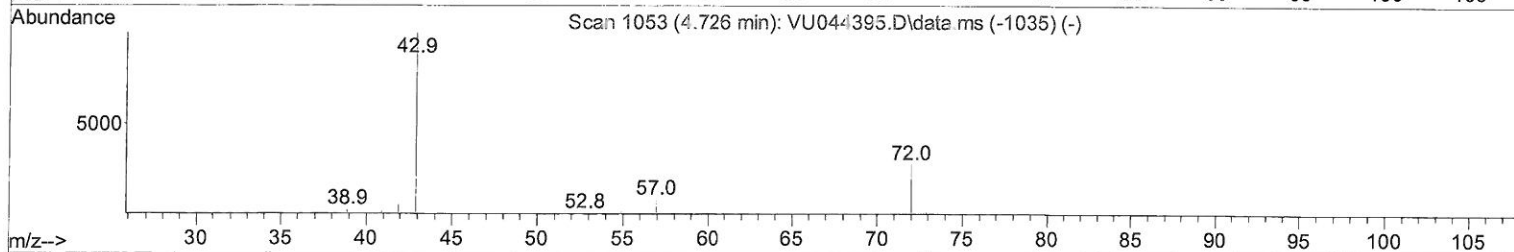
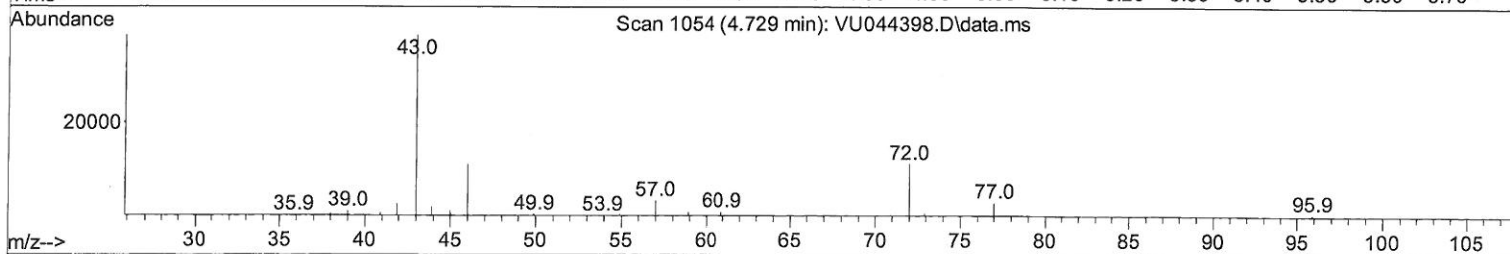
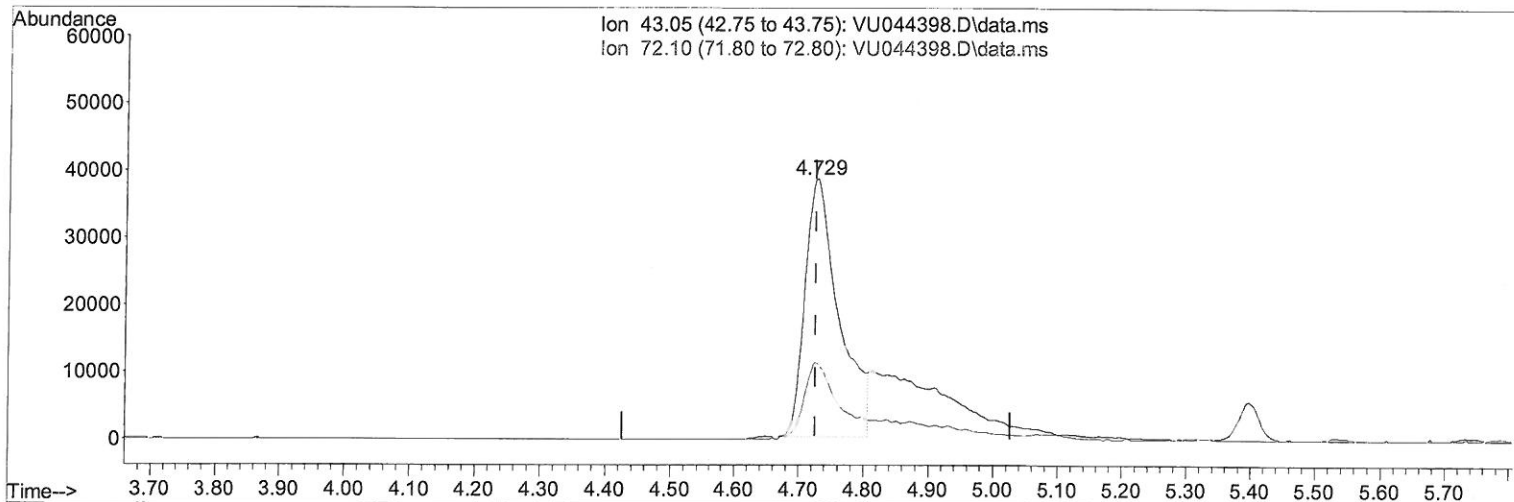
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 Data File : VU044398.D  
 Acq On : 23 Jul 2021 14:56  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Manual Integrations  
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TIC: VU044398.D\data.ms

(21) 2-Butanone (T)

4.729min (+ 0.003) 31.83 ug/L

response 140346

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 28.80  | 32.17  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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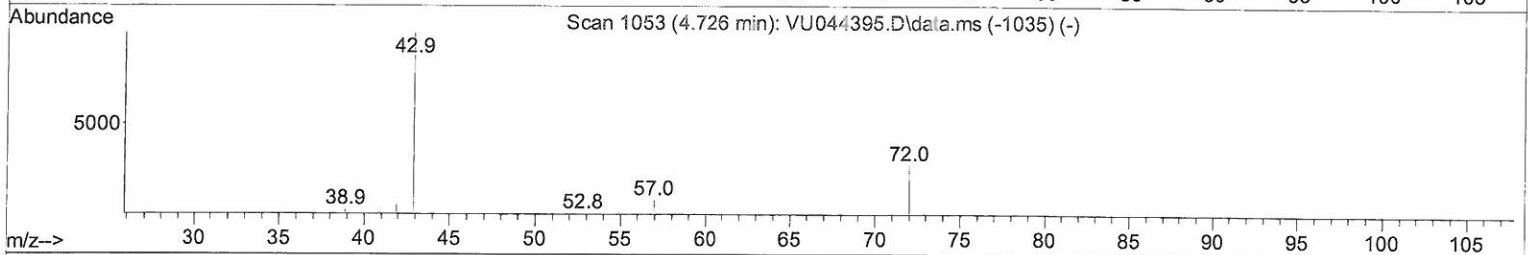
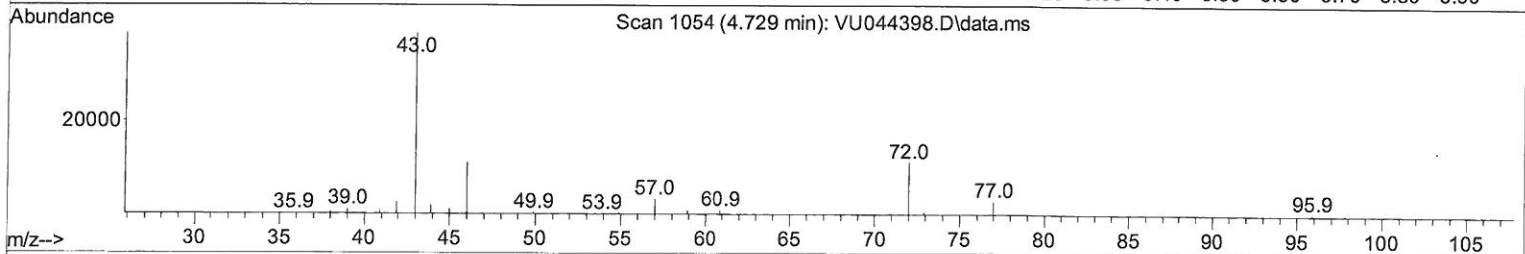
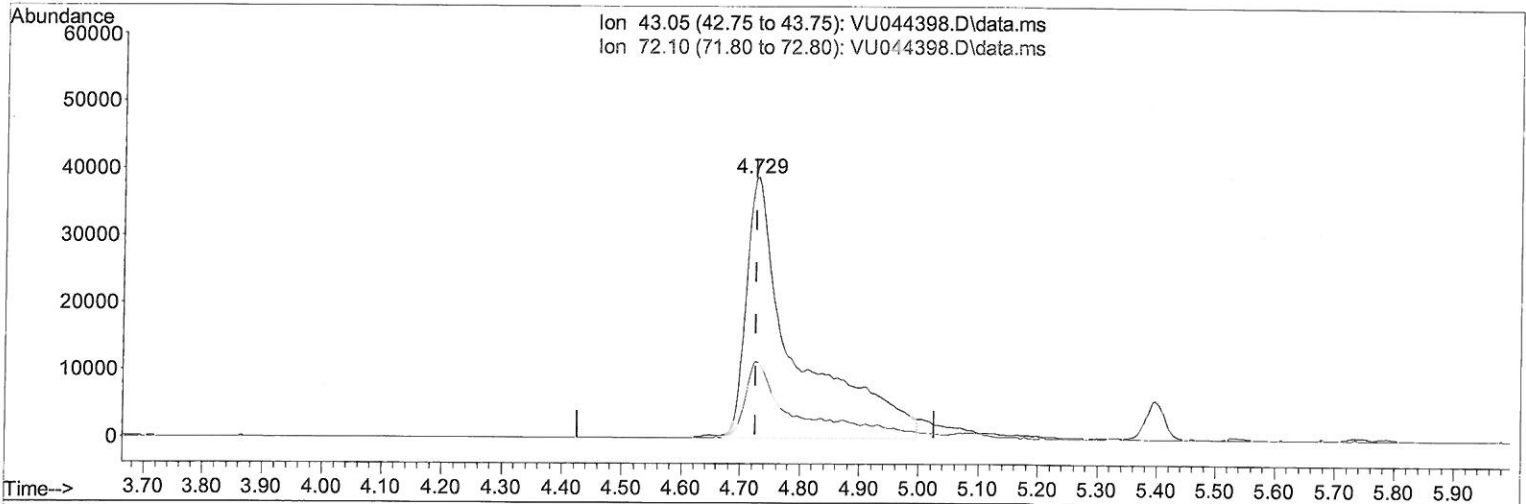
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Operator : SY/MD  
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Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VICV018

Manual Integrations  
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TIC: VU044398.D\data.ms

(21) 2-Butanone (T)

4.729min (+ 0.003) 50.71 ug/L m

response 223552

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 28.80  | 20.20  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

MD  
8/17/21

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Instrument :  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.260  | 114            | 201309   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117            | 192919   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152            | 100289   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65             | 83993    | 4.994  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 99.800%  |          |
| 7) Chloroethane-d5            | 1.919  | 69             | 73678    | 5.102  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 102.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65             | 35577    | 5.021  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 100.400% |          |
| 20) 2-Butanone-d5             | 4.649  | 46             | 254745m  | 51.075 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 102.160% |          |
| 24) Chloroform-d              | 5.073  | 84             | 150037   | 5.126  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 102.600% |          |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65             | 80762    | 4.943  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.800%  |          |
| 32) Benzene-d6                | 5.735  | 84             | 306471   | 5.070  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 101.400% |          |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67             | 96014    | 5.111  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 102.200% |          |
| 41) Toluene-d8                | 7.906  | 98             | 282981   | 5.230  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 104.600% |          |
| 43) trans-1,3-Dichloroprop... | 8.186  | 79             | 38589    | 5.277  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 105.600% |          |
| 46) 2-Hexanone-d5             | 8.645  | 63             | 231381   | 52.406 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 104.820% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84             | 85733    | 5.104  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 102.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152            | 101668   | 5.264  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 105.200% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 1.388  | 85             | 93479    | 5.184  | ug/L     | 100      |
| 3) Chloromethane              | 1.523  | 50             | 98644    | 5.078  | ug/L     | 100      |
| 5) Vinyl chloride             | 1.607  | 62             | 105248   | 5.169  | ug/L     | 99       |
| 6) Bromomethane               | 1.864  | 94             | 60438    | 5.272  | ug/L     | 99       |
| 8) Chloroethane               | 1.941  | 64             | 61605    | 5.241  | ug/L     | 100      |
| 9) Trichlorofluoromethane     | 2.147  | 101            | 118334   | 5.282  | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101            | 70463    | 5.209  | ug/L     | 99       |
| 12) 1,1-Dichloroethene        | 2.588  | 96             | 69099    | 5.224  | ug/L     | 95       |
| 13) Acetone                   | 2.658  | 43             | 99004m   | 41.686 | ug/L     |          |
| 14) Carbon disulfide          | 2.803  | 76             | 225136   | 5.213  | ug/L     | 99       |
| 15) Methyl Acetate            | 2.967  | 43             | 25738    | 4.745  | ug/L #   | 89       |
| 16) Methylene chloride        | 3.054  | 84             | 81225    | 4.605  | ug/L     | 98       |
| 17) Methyl tert-butyl Ether   | 3.375  | 73             | 179245   | 4.946  | ug/L     | 99       |
| 18) trans-1,2-Dichloroethene  | 3.363  | 96             | 73232    | 5.178  | ug/L     | 98       |
| 19) 1,1-Dichloroethane        | 3.880  | 63             | 132100   | 5.182  | ug/L     | 97       |
| 21) 2-Butanone                | 4.729  | 43             | 223552m  | 50.708 | ug/L     |          |
| 22) cis-1,2-Dichloroethene    | 4.678  | 96             | 79676    | 5.156  | ug/L     | 99       |
| 23) Bromochloromethane        | 4.983  | 128            | 35295    | 5.272  | ug/L     | 95       |



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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 25) Chloroform                | 5.099  | 83   | 133567   | 5.088  | ug/L  | 97       |
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 84200    | 4.909  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 5.327  | 97   | 112943   | 5.390  | ug/L  | 99       |
| 30) Cyclohexane               | 5.398  | 56   | 130237   | 5.320  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.536  | 117  | 92101    | 5.256  | ug/L  | 98       |
| 33) Benzene                   | 5.784  | 78   | 310845   | 5.295  | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 78237    | 5.329  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.771  | 83   | 136055   | 5.311  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 77671    | 5.192  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.115  | 83   | 96187    | 5.310  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.616  | 75   | 118119   | 5.425  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 552619   | 52.644 | ug/L  | 99       |
| 42) Toluene                   | 7.977  | 91   | 333106   | 5.425  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 99376    | 5.366  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 60389    | 5.439  | ug/L  | 98       |
| 47) Tetrachloroethene         | 8.559  | 164  | 57344    | 5.319  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.697  | 43   | 400532   | 52.770 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.819  | 129  | 63732    | 5.377  | ug/L  | 92       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 57831    | 5.371  | ug/L  | 99       |
| 51) Chlorobenzene             | 9.452  | 112  | 202405   | 5.326  | ug/L  | 100      |
| 52) Ethylbenzene              | 9.578  | 91   | 353485   | 5.404  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.700  | 106  | 134993   | 5.336  | ug/L  | 99       |
| 54) o-Xylene                  | 10.108 | 106  | 134331   | 5.454  | ug/L  | 98       |
| 55) Styrene                   | 10.121 | 104  | 226546   | 5.376  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 76467    | 5.240  | ug/L  | 98       |
| 59) Bromoform                 | 10.298 | 173  | 34095    | 5.360  | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.491 | 105  | 347314   | 5.415  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.832 | 75   | 56693    | 5.272  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 295475   | 5.499  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 301540   | 5.470  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 156538   | 5.329  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 157829   | 5.271  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 12.221 | 146  | 151658   | 5.362  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 12438    | 5.347  | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.224 | 180  | 118065   | 5.380  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180  | 106809   | 5.750  | ug/L  | 100      |
| 71) Naphthalene               | 14.092 | 128  | 191305   | 5.242  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 90363    | 5.367  | ug/L  | 98       |

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