

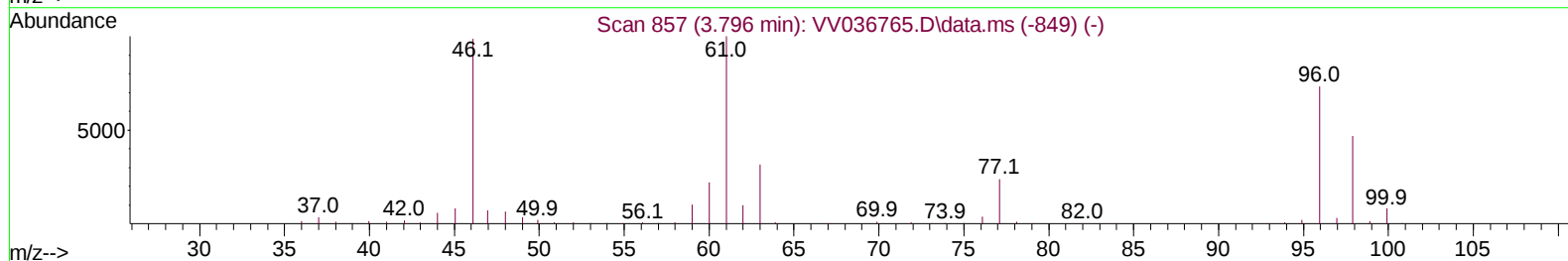
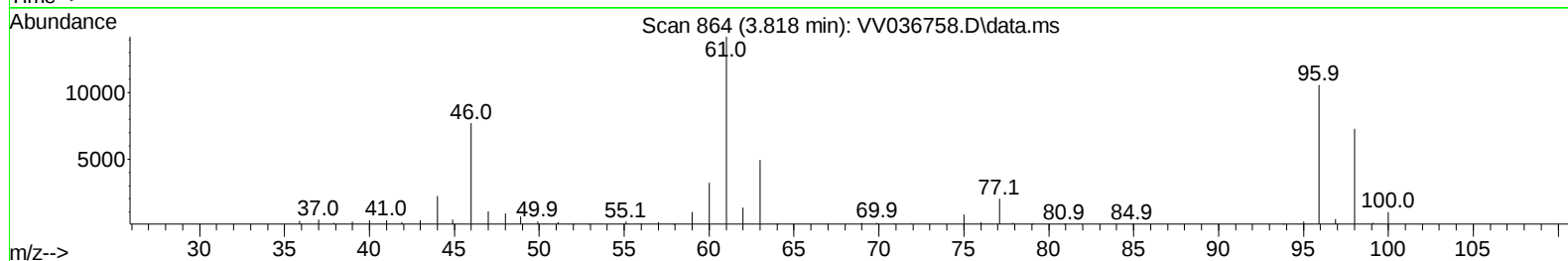
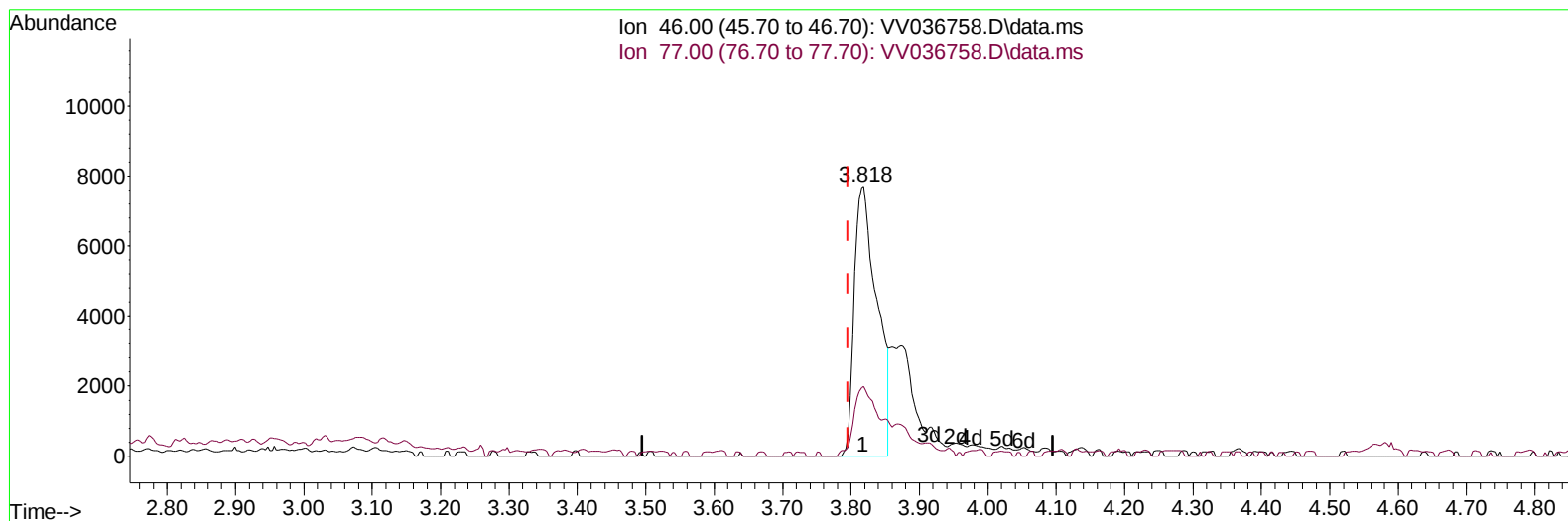
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080224\  
Data File : VV036758.D  
Acq On : 02 Aug 2024 09:56  
Operator : SY/MD  
Sample : VSTD01041  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD010241

Manual IntegrationsAPPROVED

Quant Time: Aug 02 23:50:24 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080224WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 02 23:21:18 2024  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/03/2024  
Supervised By :Mahesh Dadoda 08/05/2024



TIC: VV036758.D\data.ms

(21) 2-Butanone-d5 (S)

3.818min (+ 0.022) 14.58 ug/L

response 17865

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 21.00  | 21.06  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

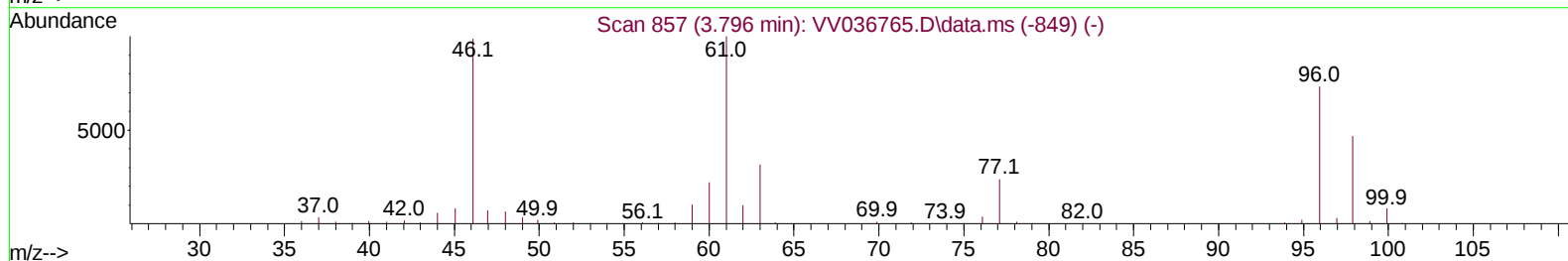
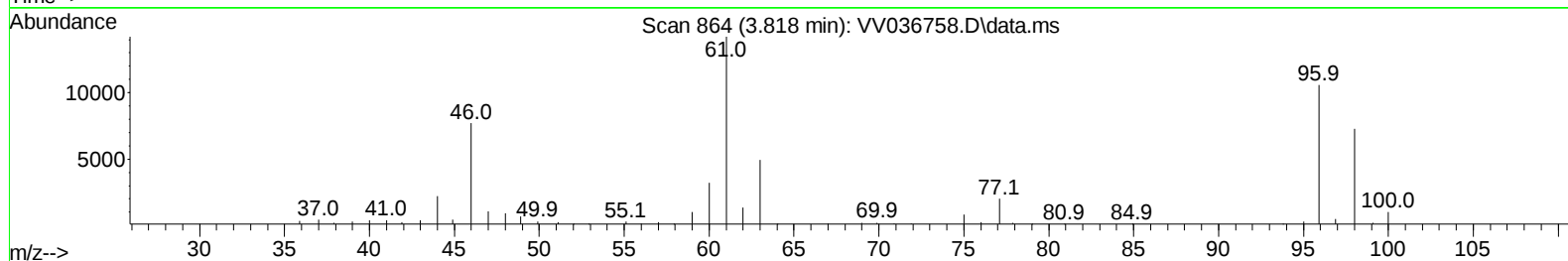
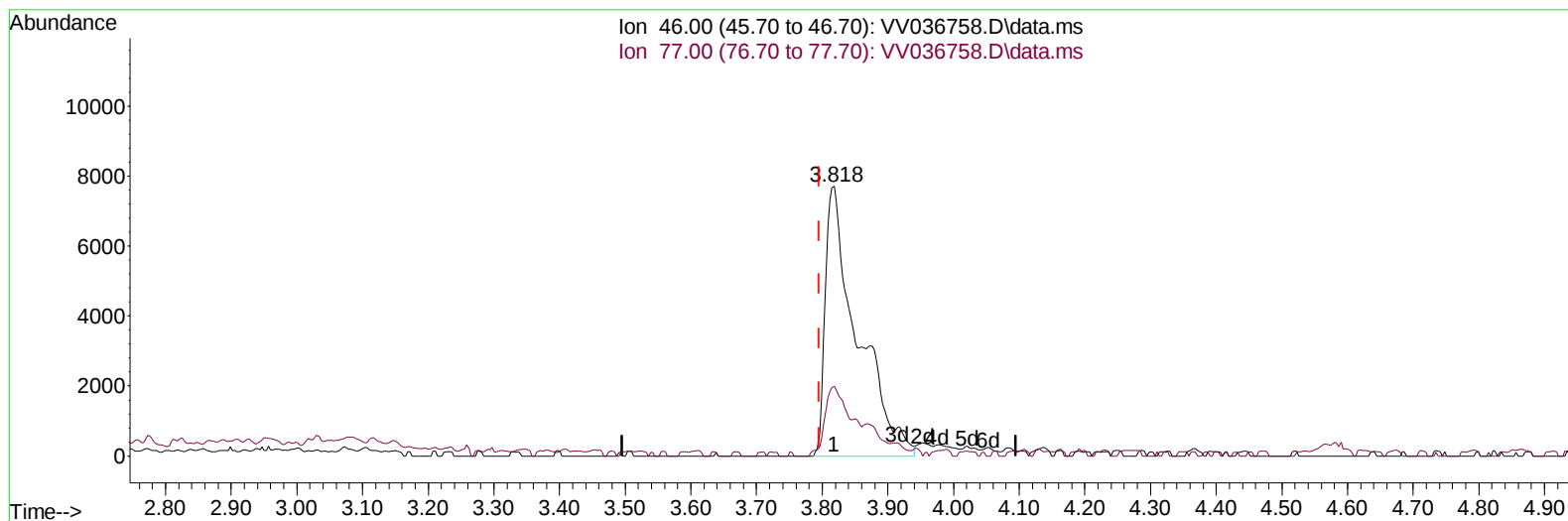
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TIC: VV036758.D\data.ms

(21) 2-Butanone-d5 (S)

3.818min (+ 0.022) 21.39 ug/L m

response 26214

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 21.00  | 14.35# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

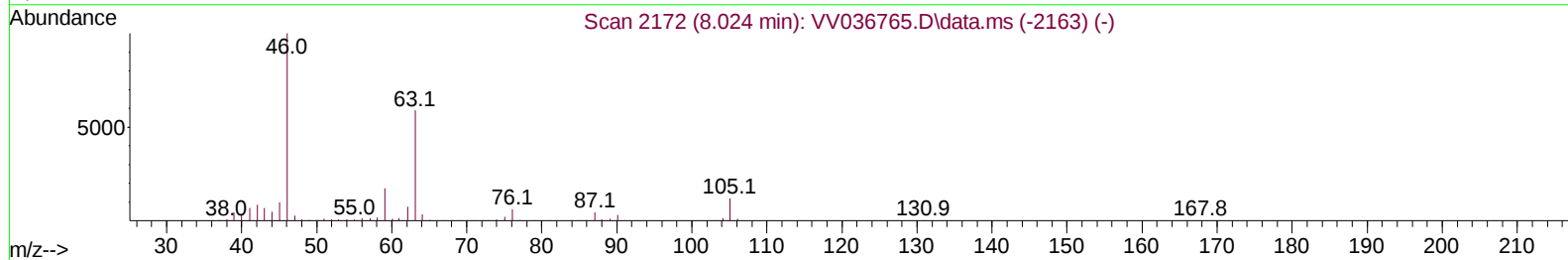
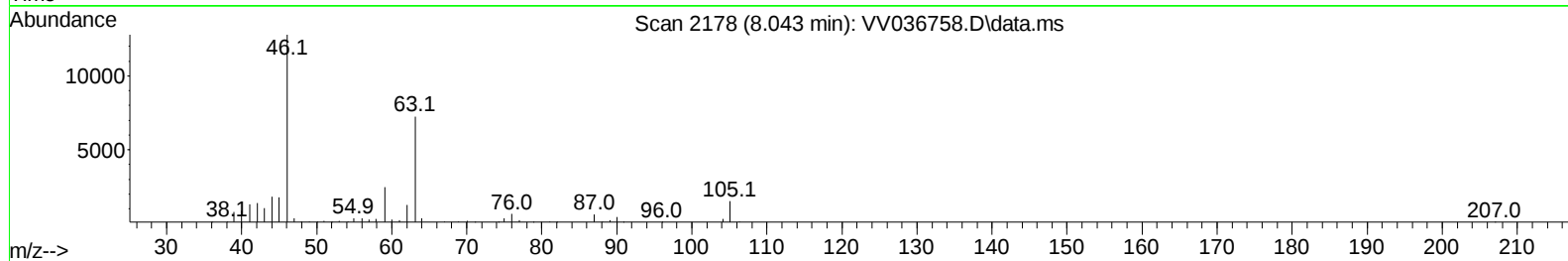
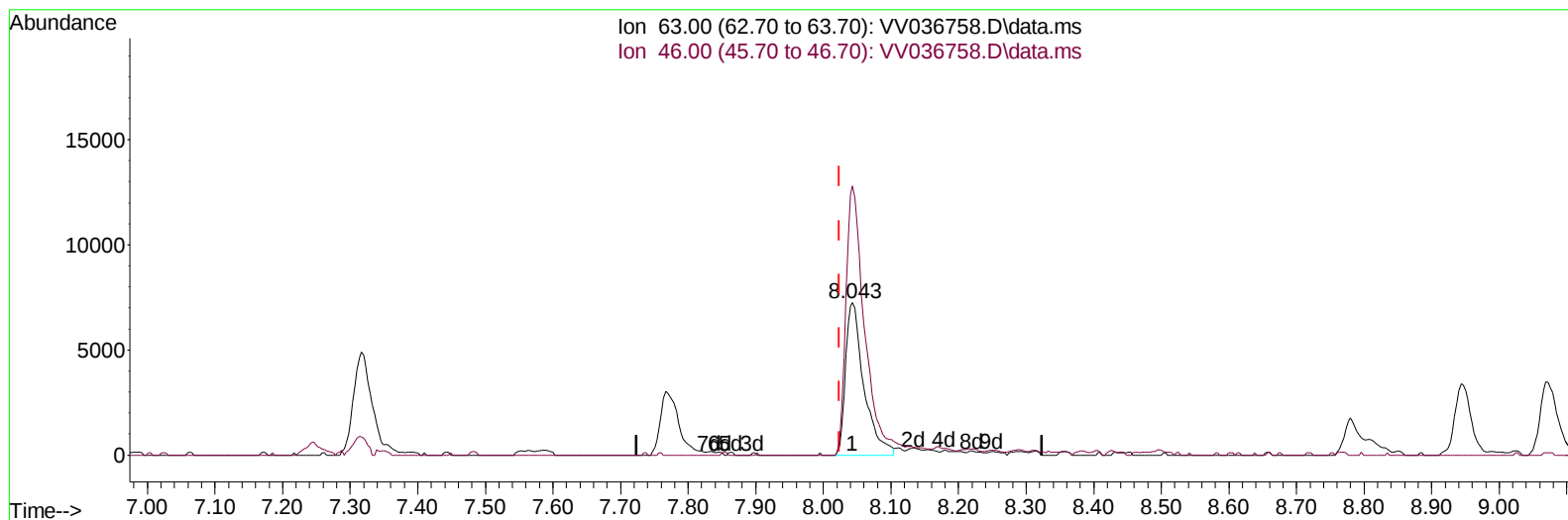
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Data File : VV036758.D  
Acq On : 02 Aug 2024 09:56  
Operator : SY/MD  
Sample : VSTD01041  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
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## Manual IntegrationsAPPROVED

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TIC: VV036758.D\data.ms

## (47) 2-Hexanone-d5 (S)

8.043min (+ 0.019) 16.17 ug/L

response 13643

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 176.30 | 182.16 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



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 Sample : VSTD01041  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114  | 359017   | 50.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117  | 333816   | 50.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152  | 165356   | 50.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65   | 25062    | 9.379  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.532  | 69   | 19262    | 9.120  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65   | 10937    | 9.255  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.818  | 46   | 26214m   | 21.389 | ug/L   | 0.02     |
| 24) Chloroform-d              | 4.249  | 84   | 46421    | 9.388  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65   | 30581    | 9.589  | ug/L   | 0.00     |
| 32) Benzene-d6                | 4.960  | 84   | 92430    | 9.579  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67   | 32076    | 10.332 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.243  | 98   | 82047    | 9.371  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79   | 15016    | 9.357  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.043  | 63   | 14874m   | 17.633 | ug/L   | 0.02     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84   | 32530    | 9.307  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152  | 29729    | 9.492  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.108  | 85   | 25535    | 9.773  | ug/L   | 99       |
| 3) Chloromethane              | 1.217  | 50   | 29723    | 10.361 | ug/L   | 99       |
| 5) Vinyl chloride             | 1.282  | 62   | 30848    | 10.335 | ug/L   | 99       |
| 6) Bromomethane               | 1.487  | 94   | 20716    | 10.725 | ug/L   | 97       |
| 8) Chloroethane               | 1.548  | 64   | 19870    | 10.572 | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.712  | 101  | 39782    | 10.171 | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.069  | 101  | 24058    | 10.343 | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.069  | 96   | 22817    | 10.258 | ug/L   | 99       |
| 13) Acetone                   | 2.114  | 43   | 24154    | 19.595 | ug/L   | 95       |
| 14) Carbon disulfide          | 2.240  | 76   | 73070    | 10.421 | ug/L   | 98       |
| 15) Methyl Acetate            | 2.375  | 43   | 26681    | 10.616 | ug/L   | 97       |
| 16) Methylene chloride        | 2.442  | 84   | 27378    | 10.880 | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 2.690  | 96   | 23601    | 10.200 | ug/L   | 99       |
| 18) Methyl tert-butyl Ether   | 2.709  | 73   | 86691    | 10.692 | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.105  | 63   | 49107    | 10.515 | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 3.812  | 96   | 29114    | 10.630 | ug/L   | 92       |
| 22) 2-Butanone                | 3.896  | 43   | 29738    | 19.198 | ug/L   | 96       |
| 23) Bromochloromethane        | 4.146  | 128  | 14231    | 10.760 | ug/L   | 97       |
| 25) Chloroform                | 4.275  | 83   | 52418    | 10.800 | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 5.043  | 62   | 39024    | 10.375 | ug/L   | 99       |
| 29) Cyclohexane               | 4.574  | 56   | 43653    | 10.436 | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 4.506  | 97   | 44097    | 10.653 | ug/L   | 100      |
| 31) Carbon tetrachloride      | 4.728  | 117  | 36615    | 10.522 | ug/L   | 99       |
| 33) Benzene                   | 5.008  | 78   | 105284   | 10.697 | ug/L   | 100      |
| 34) Trichloroethene           | 5.834  | 95   | 30513    | 10.693 | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.043  | 83   | 45180    | 10.446 | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.095  | 63   | 26468    | 10.213 | ug/L   | 99       |
| 38) Bromodichloromethane      | 6.436  | 83   | 37940    | 10.554 | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 6.960  | 75   | 45462    | 10.092 | ug/L   | 94       |
| 40) 4-Methyl-2-pentanone      | 7.165  | 43   | 64110    | 20.459 | ug/L   | 98       |
| 42) Toluene                   | 7.317  | 91   | 108002   | 10.369 | ug/L   | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) trans-1,3-Dichloropropene | 7.587  | 75   | 43393    | 10.392 | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 7.770  | 97   | 26514    | 10.662 | ug/L  | 97       |
| 46) Tetrachloroethene         | 7.902  | 164  | 19089    | 10.292 | ug/L  | 98       |
| 48) 2-Hexanone                | 8.085  | 43   | 47657    | 20.193 | ug/L  | 94       |
| 49) Dibromochloromethane      | 8.178  | 129  | 27283    | 10.461 | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.284  | 107  | 27544    | 10.477 | ug/L  | 99       |
| 51) Chlorobenzene             | 8.812  | 112  | 71571    | 10.611 | ug/L  | 99       |
| 52) Ethylbenzene              | 8.947  | 91   | 125696   | 10.466 | ug/L  | 100      |
| 53) m,p-Xylene                | 9.072  | 106  | 44610    | 10.135 | ug/L  | 99       |
| 54) o-Xylene                  | 9.477  | 106  | 46425    | 10.599 | ug/L  | 99       |
| 55) Styrene                   | 9.497  | 104  | 75719    | 10.101 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.175 | 83   | 34248    | 10.248 | ug/L  | 98       |
| 59) Bromoform                 | 9.664  | 173  | 18327    | 10.231 | ug/L  | 97       |
| 60) Isopropylbenzene          | 9.863  | 105  | 123477   | 10.510 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.207 | 75   | 30361    | 10.633 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.474 | 105  | 102866   | 10.452 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.850 | 105  | 101432   | 10.367 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.117 | 146  | 53454    | 10.471 | ug/L  | 95       |
| 65) 1,4-Dichlorobenzene       | 11.207 | 146  | 55274    | 10.622 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 11.577 | 146  | 53058    | 10.650 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.365 | 75   | 8058     | 9.862  | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 12.580 | 180  | 35970    | 10.089 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.197 | 180  | 35200    | 10.338 | ug/L  | 99       |
| 71) Naphthalene               | 13.439 | 128  | 111015   | 10.417 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.677 | 180  | 34097    | 10.300 | ug/L  | 99       |

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

