

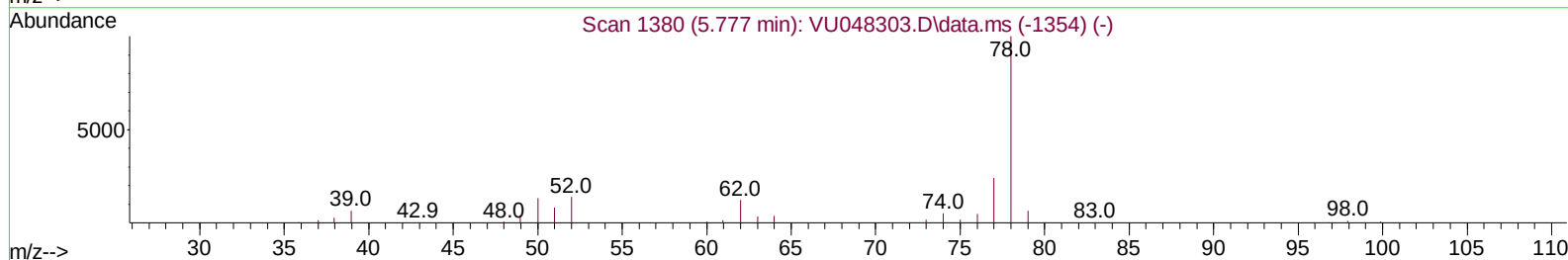
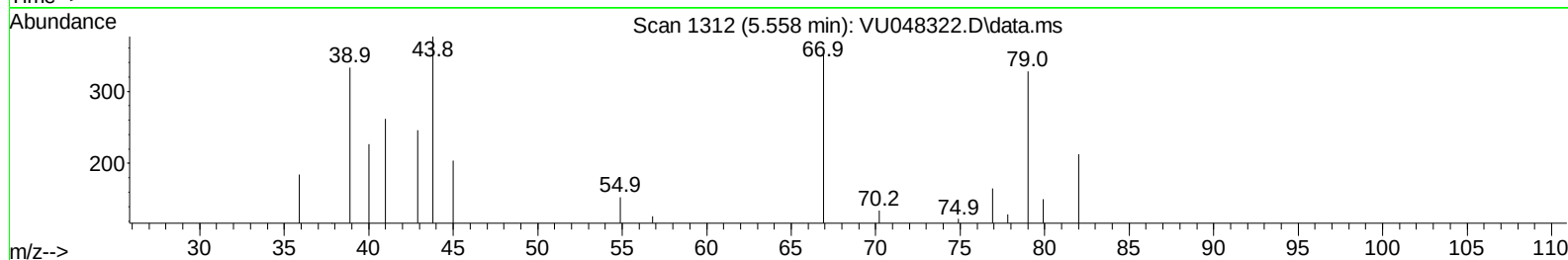
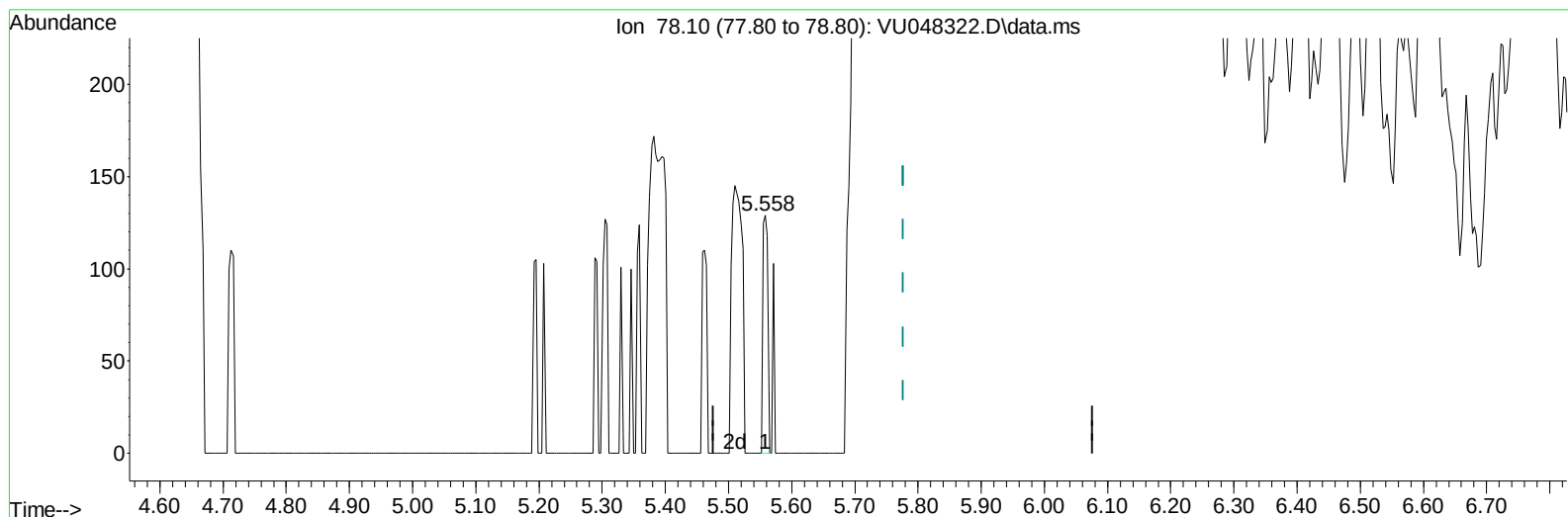
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042722\  
Data File : VU048322.D  
Acq On : 27 Apr 2022 18:10  
Operator : SY/MD  
Sample : N2587-10  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EXET6

## Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 04/28/2022  
Supervised By :Mahesh Dadoda 04/28/2022

Quant Time: Apr 28 04:40:14 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Apr 28 04:33:44 2022  
Response via : Initial Calibration



TIC: VU048322.D\data.ms

**(33) Benzene (T)**

5.558min (-0.219) 0.01 ug/L

response 72

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 78.10 | 100.00 | 100.00 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

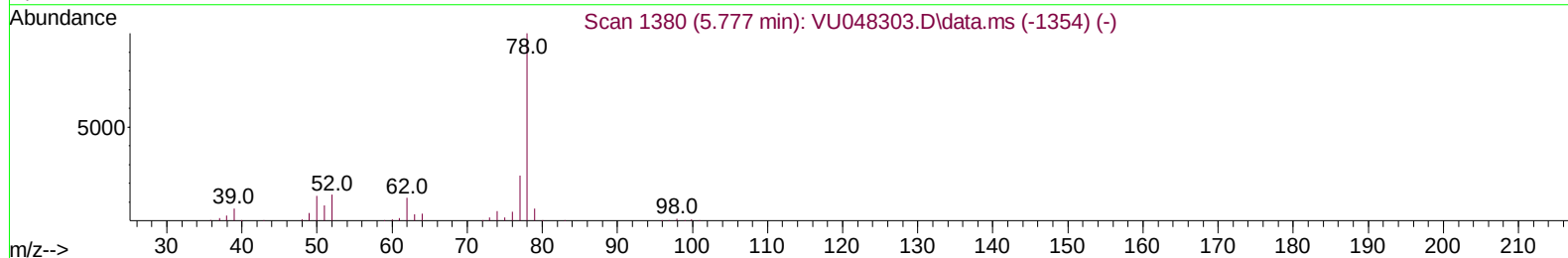
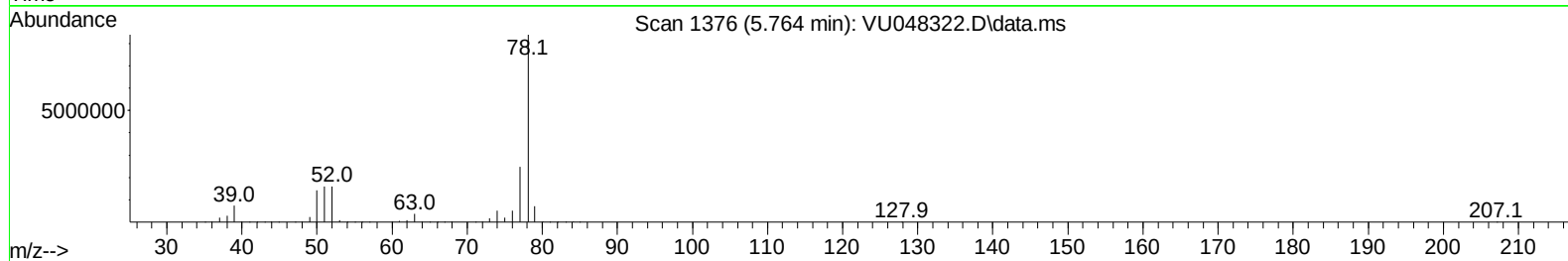
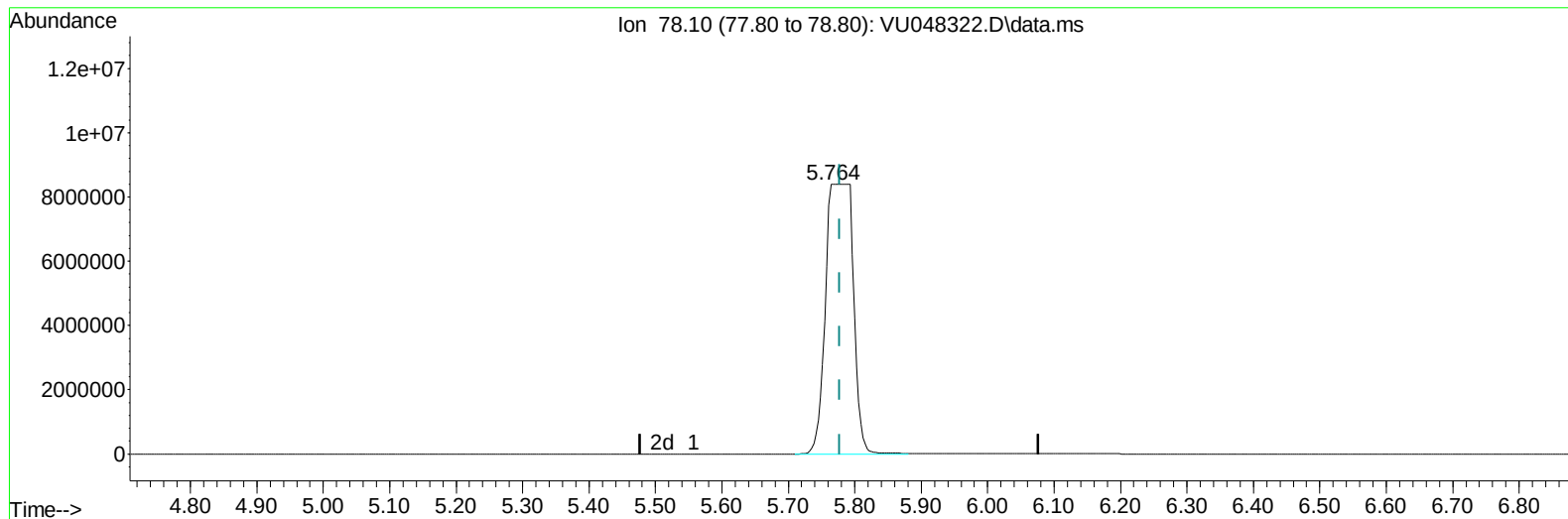
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TIC: VU048322.D\data.ms

**(33) Benzene (T)**

5.764min (-0.013) 1831.73 ug/L m

response 24263612

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 78.10 | 100.00 | 100.00 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

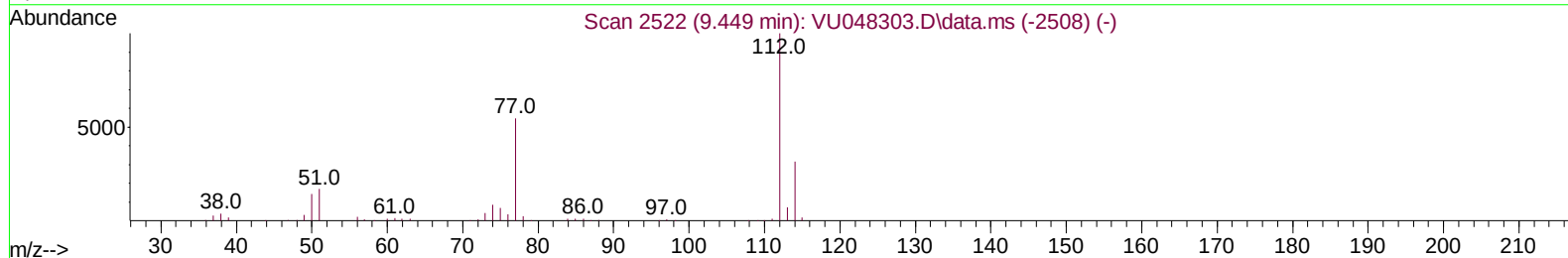
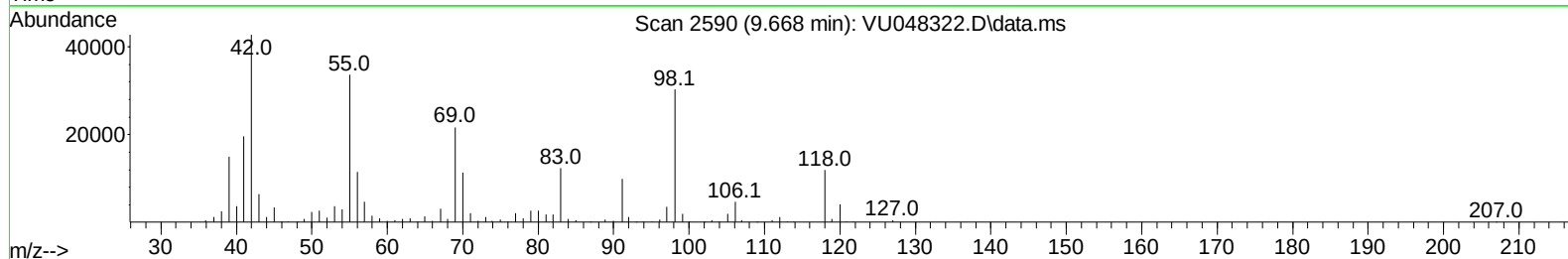
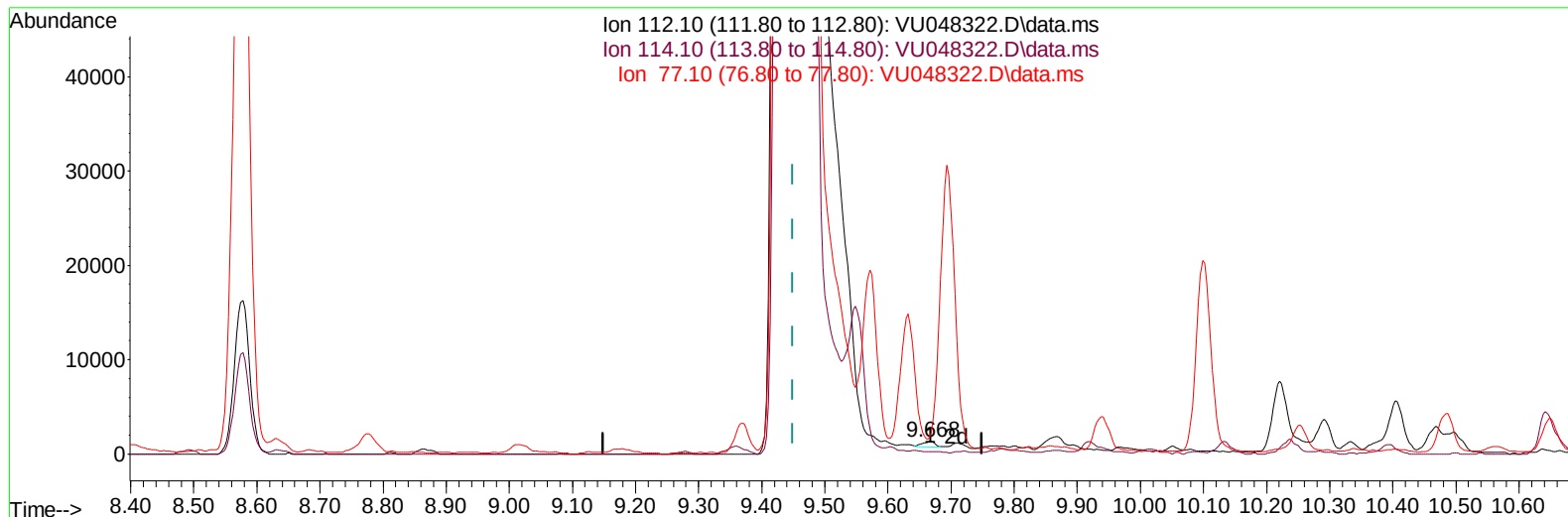
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Instrument :  
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TIC: VU048322.D\data.ms

(51) Chlorobenzene (T)

9.668min (+ 0.219) 0.08 ug/L

response 809

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 112.10 | 100.00 | 100.00  |
| 114.10 | 32.40  | 18.88#  |
| 77.10  | 55.40  | 160.30# |
| 0.00   | 0.00   | 0.00    |

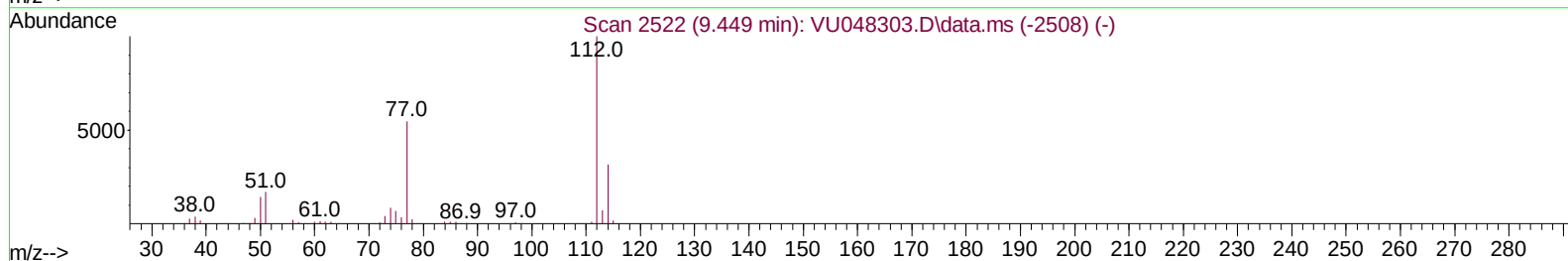
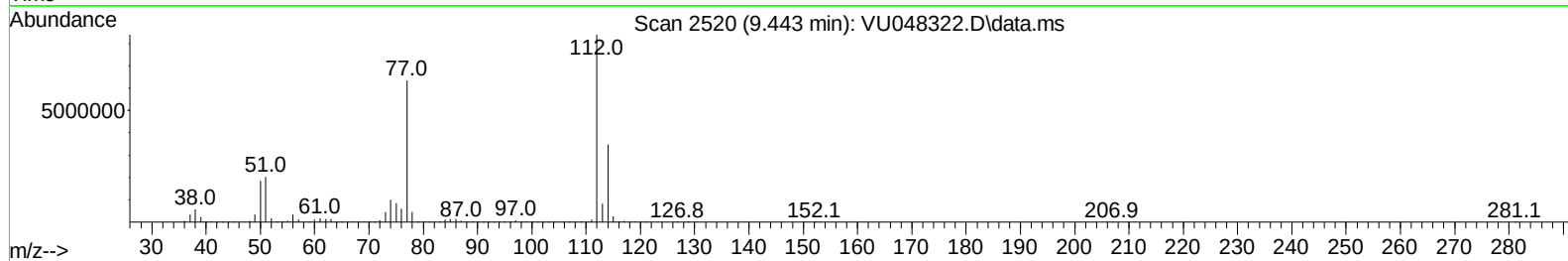
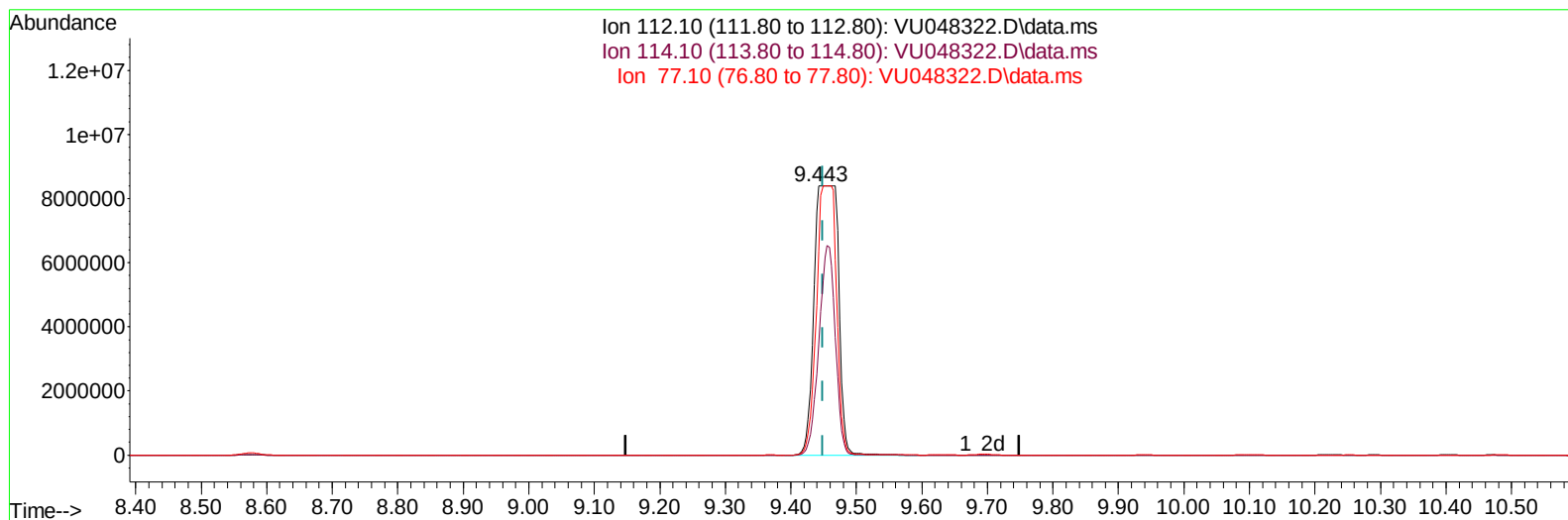
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TIC: VU048322.D\data.ms

**(51) Chlorobenzene (T)**

9.443min (-0.006) 2158.25 ug/L m

response 21635218

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 112.10 | 100.00 | 100.00 |
| 114.10 | 32.40  | 41.46  |
| 77.10  | 55.40  | 75.76# |
| 0.00   | 0.00   | 0.00   |

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 QLast Update : Thu Apr 28 04:33:44 2022  
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Reviewed By :Krupa Patel 04/28/2022  
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| Compound                      | R.T.     | QIon  | Response  | Conc     | Units    | Dev(Min) |
|-------------------------------|----------|-------|-----------|----------|----------|----------|
| -----                         |          |       |           |          |          |          |
| Internal Standards            |          |       |           |          |          |          |
| 1) 1,4-Difluorobenzene        | 6.250    | 114   | 418023    | 50.000   | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.423    | 117   | 447399    | 50.000   | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812   | 152   | 263224    | 50.000   | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |           |          |          |          |
| 4) Vinyl Chloride-d3          | 1.597    | 65    | 167154    | 43.484   | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery  | =        | 86.960%  |          |
| 7) Chloroethane-d5            | 1.896    | 69    | 127236    | 47.155   | ug/L     | -0.01    |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery  | =        | 94.300%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562    | 63    | 213560    | 34.673   | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery  | =        | 69.340%  |          |
| 21) 2-Butanone-d5             | 4.616    | 46    | 340129    | 103.742  | ug/L     | -0.01    |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery  | =        | 103.740% |          |
| 24) Chloroform-d              | 5.060    | 84    | 303335    | 43.505   | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery  | =        | 87.020%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703    | 65    | 193764    | 46.838   | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery  | =        | 93.680%  |          |
| 32) Benzene-d6                | 5.729    | 84    | 668365    | 47.367   | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery  | =        | 94.740%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.690    | 67    | 212746    | 45.605   | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery  | =        | 91.220%  |          |
| 41) Toluene-d8                | 7.899    | 98    | 640093    | 50.046   | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery  | =        | 100.100% |          |
| 43) trans-1,3-Dichloroprop... | 8.179    | 79    | 102681    | 49.883   | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery  | =        | 99.760%  |          |
| 47) 2-Hexanone-d5             | 8.632    | 63    | 304833    | 121.118  | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery  | =        | 121.120% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758   | 84    | 370011    | 45.226   | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery  | =        | 90.460%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195   | 152   | 288719    | 48.759   | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery  | =        | 97.520%  |          |
| Target Compounds              |          |       |           |          |          |          |
|                               |          |       |           |          | Qvalue   |          |
| 13) Acetone                   | 2.620    | 43    | 2335886   | 1109.793 | ug/L     | 100      |
| 14) Carbon disulfide          | 2.790    | 76    | 5562      | 0.830    | ug/L     | 99       |
| 15) Methyl Acetate            | 2.944    | 43    | 30197     | 7.227    | ug/L     | 99       |
| 16) Methylene chloride        | 3.044    | 84    | 5304      | 1.497    | ug/L     | 85       |
| 19) 1,1-Dichloroethane        | 3.867    | 63    | 68462     | 11.465   | ug/L     | 97       |
| 22) 2-Butanone                | 4.697    | 43    | 517714    | 166.338  | ug/L     | 98       |
| 29) Cyclohexane               | 5.388    | 56    | 53619     | 12.684   | ug/L     | 99       |
| 30) 1,1,1-Trichloroethane     | 5.317    | 97    | 11384     | 2.250    | ug/L     | 97       |
| 33) Benzene                   | 5.764    | 78    | 24263612m | 1831.728 | ug/L     |          |
| 40) 4-Methyl-2-pentanone      | 7.793    | 43    | 116652    | 20.522   | ug/L     | 97       |
| 42) Toluene                   | 7.970    | 91    | 5606387   | 403.128  | ug/L     | 100      |
| 48) 2-Hexanone                | 8.687    | 43    | 184197    | 38.805   | ug/L     | 94       |
| 51) Chlorobenzene             | 9.443    | 112   | 21635218m | 2158.251 | ug/L     |          |
| 52) Ethylbenzene              | 9.571    | 91    | 338571    | 23.507   | ug/L     | 99       |
| 53) m,p-Xylene                | 9.693    | 106   | 189983    | 33.426   | ug/L     | 100      |
| 54) o-Xylene                  | 10.098   | 106   | 128403    | 22.426   | ug/L     | 98       |
| 61) Isopropylbenzene          | 10.484   | 105   | 45771     | 3.110    | ug/L     | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.089   | 105   | 20259     | 2.612    | ug/L     | 99       |

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| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| 63) 1,2,4-Trimethylbenzene | 11.468 | 105  | 121706   | 10.205 | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene    | 11.745 | 146  | 11960    | 1.449  | ug/L  | 95       |
| 65) 1,4-Dichlorobenzene    | 11.838 | 146  | 64235    | 7.625  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene    | 12.214 | 146  | 127270   | 14.642 | ug/L  | 99       |

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

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