

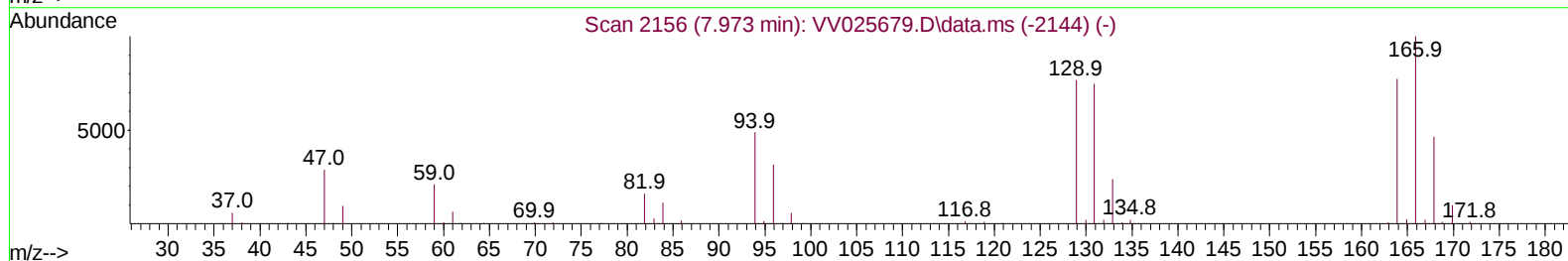
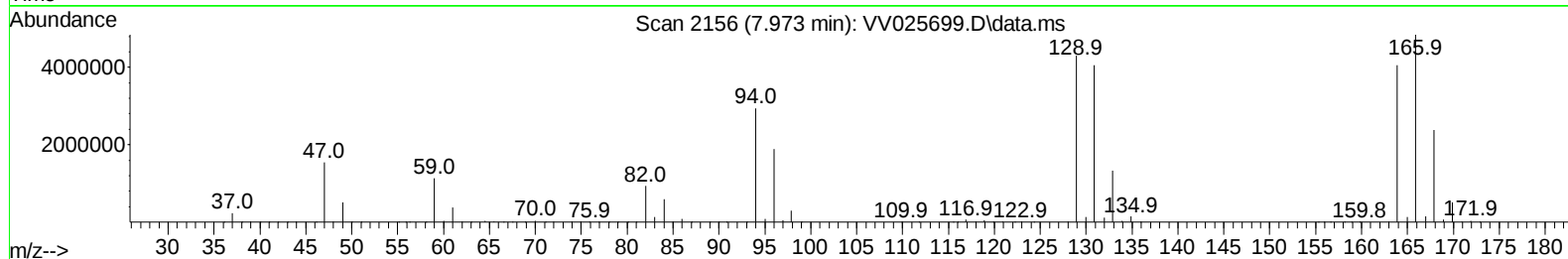
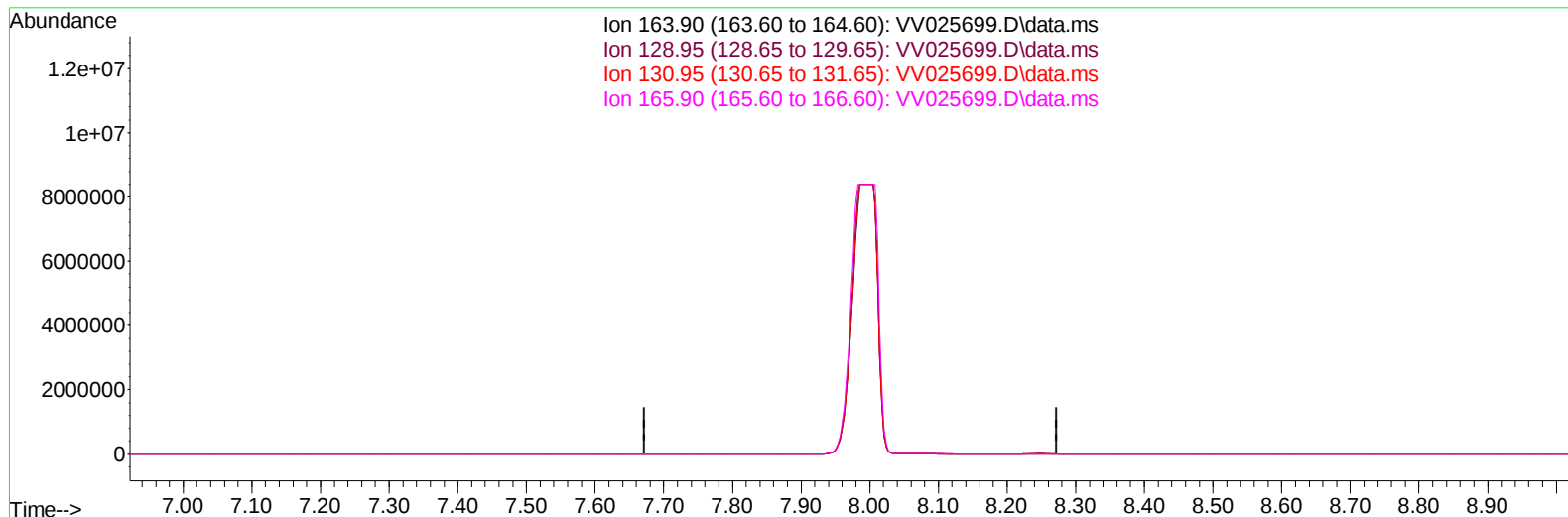
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042222\  
Data File : VV025699.D  
Acq On : 22 Apr 2022 22:33  
Operator : SY/MD  
Sample : N2492-19MS  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6W6MS

## Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 04/25/2022  
Supervised By :Mahesh Dadoda 04/26/2022

Quant Time: Apr 23 02:03:57 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Apr 23 01:57:52 2022  
Response via : Initial Calibration



TIC: VV025699.D\data.ms

## (47) Tetrachloroethene (T)

7.972min (-7.972) 0.00 ug/L

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 163.90 | 100.00 | 0.00  |
| 128.95 | 95.50  | 0.00# |
| 130.95 | 94.90  | 0.00# |
| 165.90 | 131.00 | 0.00# |

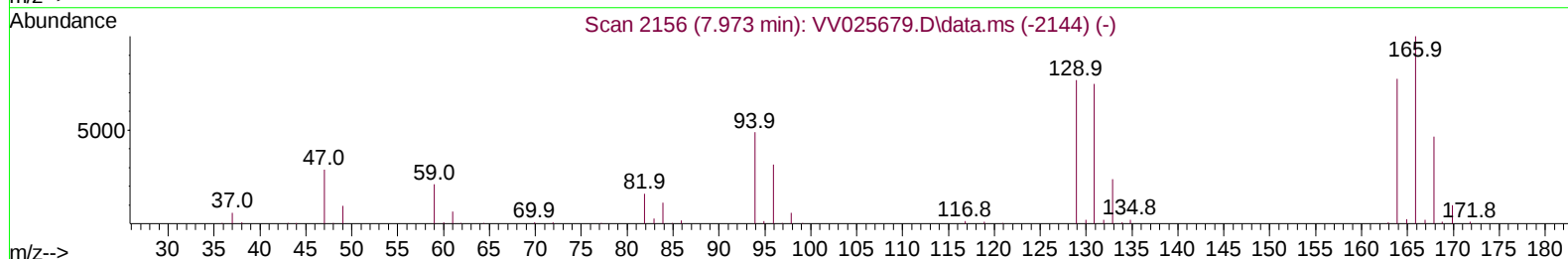
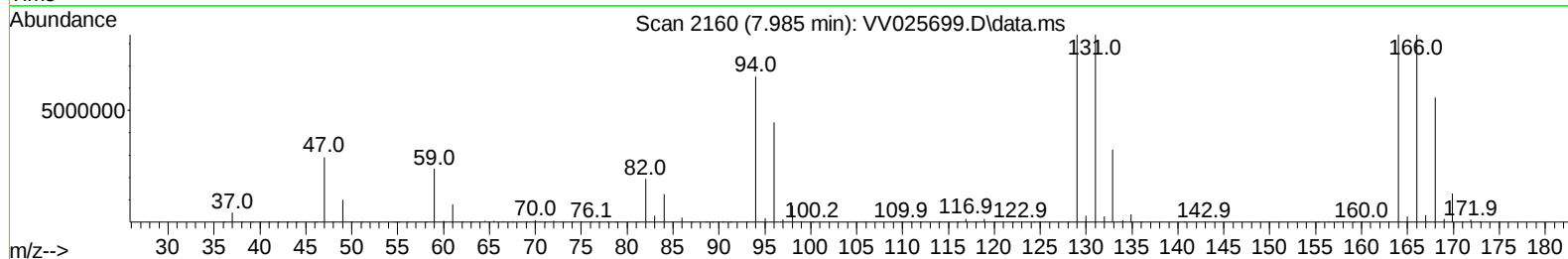
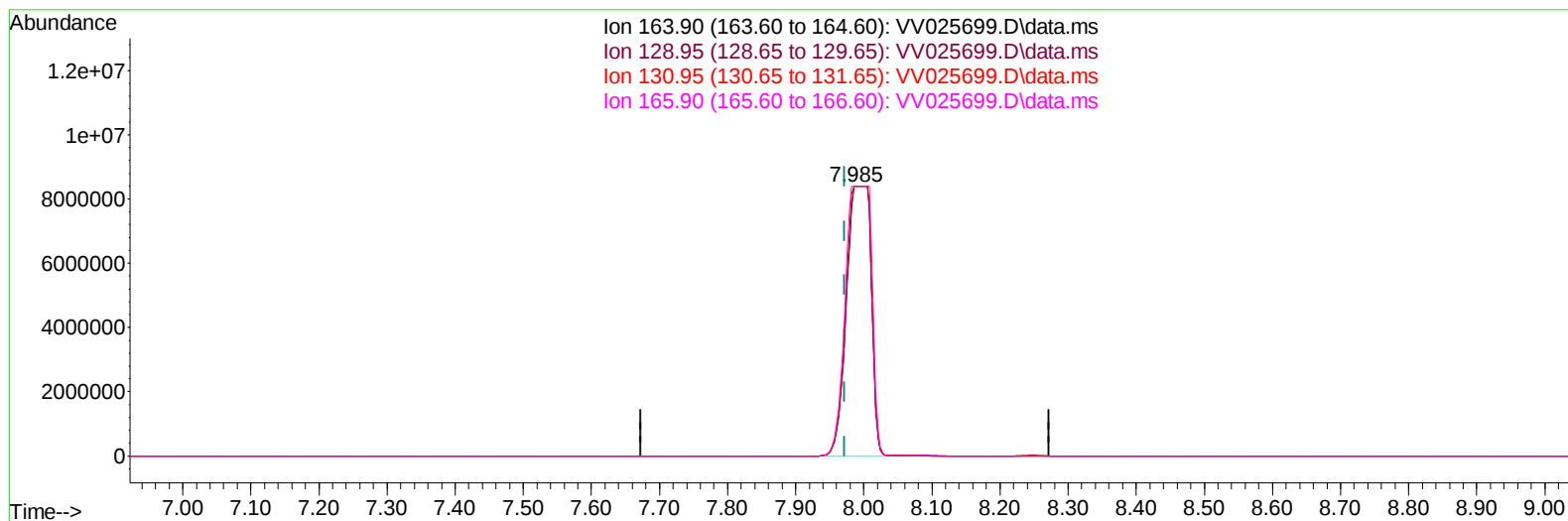
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## (47) Tetrachloroethene (T)

7.985min (+ 0.013) 2039.87 ug/L m

response 21056839

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 163.90 | 100.00 | 100.00 |
| 128.95 | 95.50  | 100.00 |
| 130.95 | 94.90  | 100.00 |
| 165.90 | 131.00 | 100.00 |

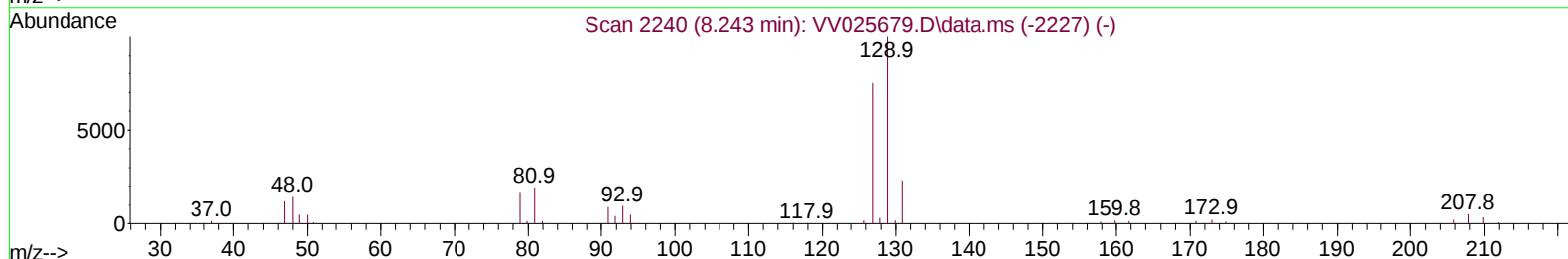
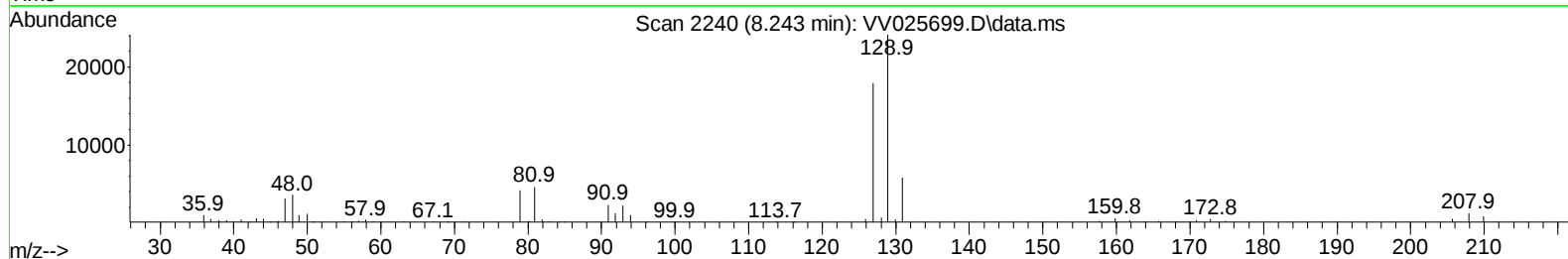
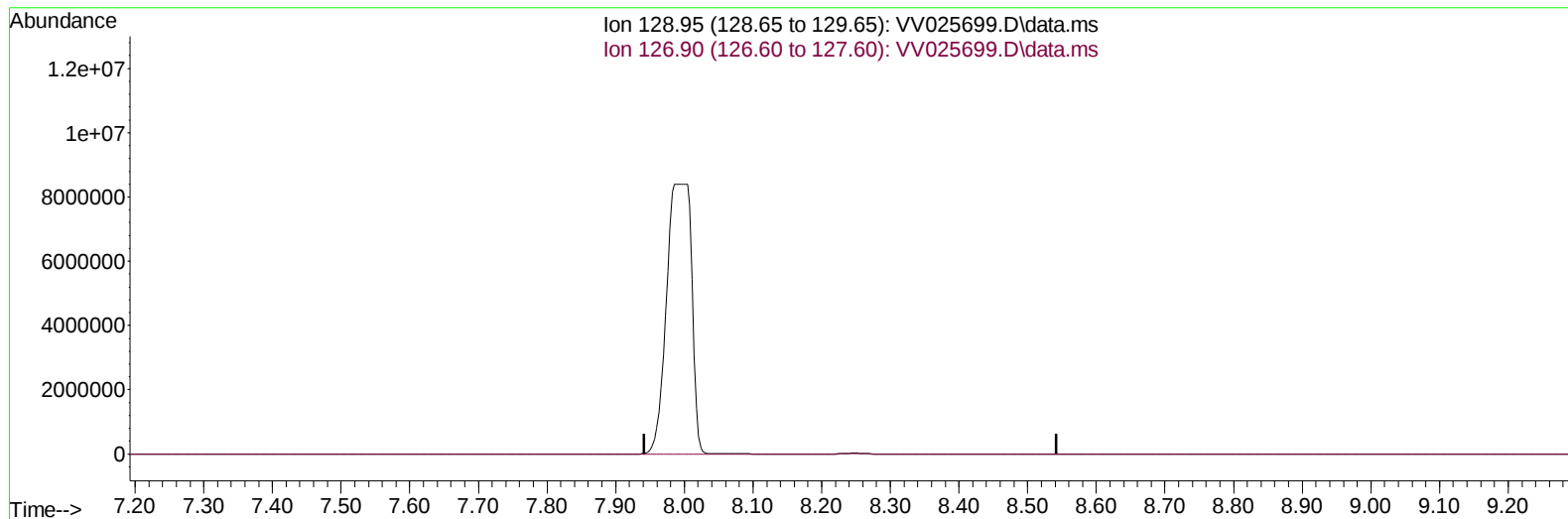
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TIC: VV025699.D\data.ms

(49) Dibromochloromethane (T)

8.243min (-8.243) 0.00 ug/L

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 128.95 | 100.00 | 0.00  |
| 126.90 | 76.90  | 0.00# |
| 0.00   | 0.00   | 0.00  |
| 0.00   | 0.00   | 0.00  |

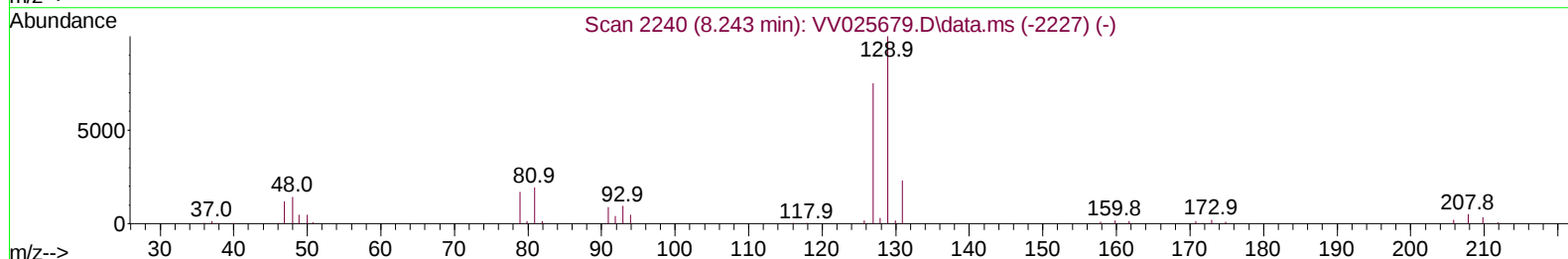
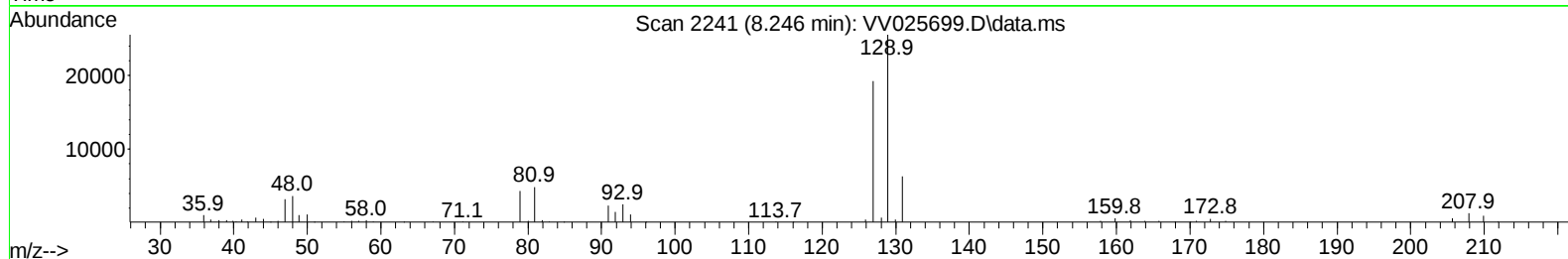
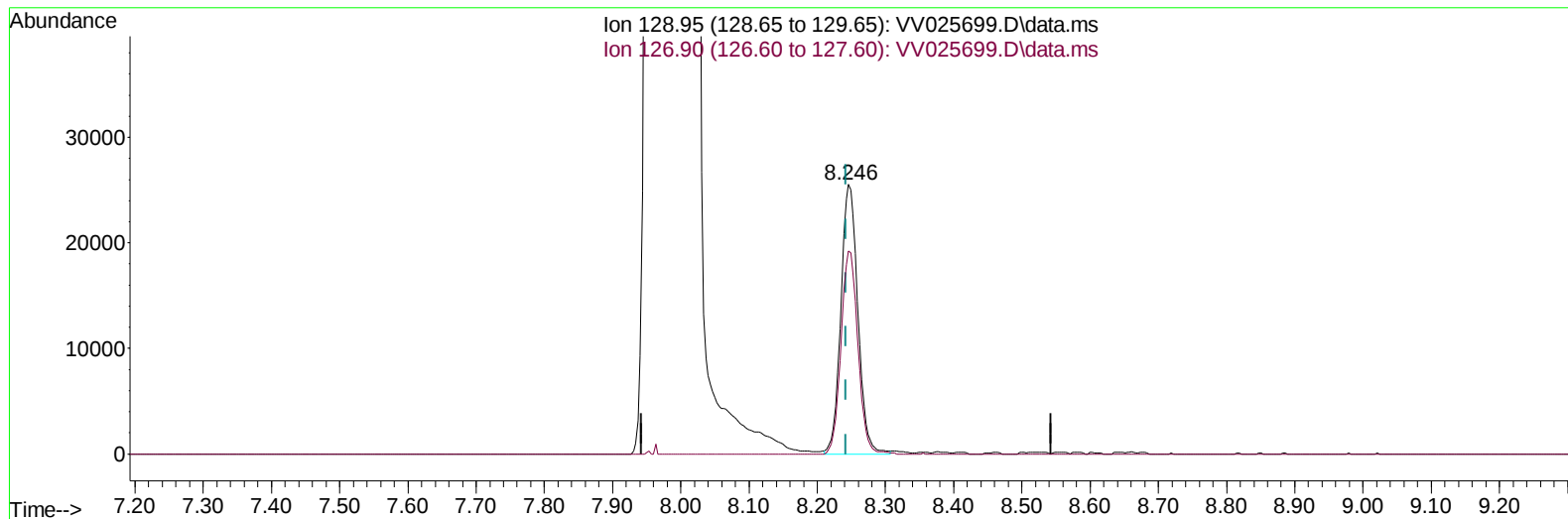
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 Operator : SY/MD  
 Sample : N2492-19MS  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6W6MS

Manual IntegrationsAPPROVED

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TIC: VV025699.D\data.ms

**(49) Dibromochloromethane (T)**

8.246min (+ 0.003) 5.22 ug/L m

response 44098

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.95 | 100.00 | 100.00 |
| 126.90 | 76.90  | 75.40  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042222\  
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 Operator : SY/MD  
 Sample : N2492-19MS  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6W6MS

Manual IntegrationsAPPROVED

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 Response via : Initial Calibration

Reviewed By :Krupa Patel 04/25/2022  
 Supervised By :Mahesh Dadoda 04/26/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619    | 114   | 174254   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854    | 117   | 168109   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246   | 152   | 90357    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.311    | 65    | 94716    | 5.846  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =      | 117.000% |          |
| 7) Chloroethane-d5            | 1.574    | 69    | 85482    | 4.960  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =      | 99.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.114    | 63    | 171474   | 5.284  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =      | 105.600% |          |
| 20) 2-Butanone-d5             | 3.899    | 46    | 121182   | 61.494 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =      | 122.980% |          |
| 24) Chloroform-d              | 4.355    | 84    | 143113   | 5.846  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 117.000% |          |
| 26) 1,2-Dichloroethane-d4     | 5.037    | 65    | 63787    | 6.047  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 121.000% |          |
| 32) Benzene-d6                | 5.053    | 84    | 289224   | 5.946  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 119.000% |          |
| 36) 1,2-Dichloropropane-d6    | 6.072    | 67    | 82975    | 6.117  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =      | 122.400% |          |
| 41) Toluene-d8                | 7.317    | 98    | 265063   | 5.872  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 117.400% |          |
| 43) trans-1,3-Dichloroprop... | 7.622    | 79    | 27299    | 5.987  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =      | 119.800% |          |
| 46) 2-Hexanone-d5             | 8.088    | 63    | 98033    | 61.262 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =      | 122.520% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214   | 84    | 48649    | 5.677  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =      | 113.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622   | 152   | 80485    | 5.313  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =      | 106.200% |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 1.134    | 85    | 51287    | 3.258  | ug/L     | 97       |
| 3) Chloromethane              | 1.246    | 50    | 82931    | 4.849  | ug/L     | 99       |
| 5) Vinyl chloride             | 1.317    | 62    | 86029    | 4.451  | ug/L     | 99       |
| 6) Bromomethane               | 1.526    | 94    | 49240    | 3.533  | ug/L     | 99       |
| 8) Chloroethane               | 1.590    | 64    | 62697    | 4.202  | ug/L     | 99       |
| 9) Trichlorofluoromethane     | 1.757    | 101   | 114627   | 4.222  | ug/L     | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.124    | 101   | 53847    | 3.530  | ug/L     | 97       |
| 12) 1,1-Dichloroethene        | 2.124    | 96    | 65391    | 4.326  | ug/L     | 96       |
| 13) Acetone                   | 2.192    | 43    | 76221    | 56.985 | ug/L     | 97       |
| 14) Carbon disulfide          | 2.301    | 76    | 128646   | 3.556  | ug/L     | 99       |
| 15) Methyl Acetate            | 2.446    | 43    | 18600    | 6.257  | ug/L #   | 88       |
| 16) Methylene chloride        | 2.513    | 84    | 58954    | 4.023  | ug/L     | 94       |
| 17) Methyl tert-butyl Ether   | 2.773    | 73    | 113344   | 4.847  | ug/L #   | 91       |
| 18) trans-1,2-Dichloroethene  | 2.767    | 96    | 53691    | 4.239  | ug/L     | 97       |
| 19) 1,1-Dichloroethane        | 3.195    | 63    | 114910   | 5.357  | ug/L     | 97       |
| 21) 2-Butanone                | 3.982    | 43    | 113437   | 61.376 | ug/L     | 90       |
| 22) cis-1,2-Dichloroethene    | 3.918    | 96    | 79343    | 5.951  | ug/L     | 95       |
| 23) Bromochloromethane        | 4.256    | 128   | 25778    | 4.657  | ug/L #   | 90       |

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 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 EW6W6MS

Manual IntegrationsAPPROVED

Quant Time: Apr 23 02:03:57 2022  
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 Response via : Initial Calibration

Reviewed By :Krupa Patel 04/25/2022  
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| Compound                      | R.T.   | QIon | Response  | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|----------|--------|----------|
| 25) Chloroform                | 4.378  | 83   | 122037    | 5.390    | ug/L   | 94       |
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 65117     | 5.451    | ug/L # | 94       |
| 29) 1,1,1-Trichloroethane     | 4.613  | 97   | 101146    | 5.101    | ug/L   | 98       |
| 30) Cyclohexane               | 4.680  | 56   | 67533     | 3.746    | ug/L   | 98       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 81044     | 4.833    | ug/L   | 99       |
| 33) Benzene                   | 5.101  | 78   | 255525    | 5.146    | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 304511    | 23.095   | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.133  | 83   | 69071     | 3.283    | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 62866     | 5.472    | ug/L   | 99       |
| 38) Bromodichloromethane      | 6.510  | 83   | 78463     | 5.502    | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 75265     | 4.999    | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 289015    | 62.830   | ug/L   | 95       |
| 42) Toluene                   | 7.387  | 91   | 280587    | 5.194    | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 63908     | 5.464    | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 42271     | 5.495    | ug/L   | 98       |
| 47) Tetrachloroethene         | 7.985  | 164  | 21056839m | 2039.872 | ug/L   |          |
| 48) 2-Hexanone                | 8.140  | 43   | 188196    | 58.707   | ug/L   | 95       |
| 49) Dibromochloromethane      | 8.246  | 129  | 44098m    | 5.221    | ug/L   |          |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 33493     | 4.635    | ug/L   | 97       |
| 51) Chlorobenzene             | 8.879  | 112  | 155740    | 4.515    | ug/L   | 97       |
| 52) Ethylbenzene              | 9.011  | 91   | 257459    | 4.469    | ug/L   | 98       |
| 53) m,p-Xylene                | 9.137  | 106  | 96820     | 4.420    | ug/L   | 100      |
| 54) o-Xylene                  | 9.542  | 106  | 96185     | 4.521    | ug/L   | 97       |
| 55) Styrene                   | 9.561  | 104  | 168687    | 4.876    | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 41346     | 5.379    | ug/L   | 97       |
| 59) Bromoform                 | 9.731  | 173  | 20427     | 5.477    | ug/L   | 93       |
| 60) Isopropylbenzene          | 9.931  | 105  | 245143    | 4.383    | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.272 | 75   | 32418     | 5.447    | ug/L   | 94       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 102156    | 4.096    | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 194900    | 4.337    | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 113803    | 4.359    | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.272 | 146  | 114314    | 4.313    | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 106767    | 4.618    | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 6134      | 5.962    | ug/L   | 96       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 74118     | 3.731    | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.259 | 180  | 55921     | 3.652    | ug/L   | 99       |
| 71) Naphthalene               | 13.500 | 128  | 92380     | 4.113    | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 50977     | 4.021    | ug/L   | 99       |

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

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