

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041923\  
 Data File : VX035191.D  
 Acq On : 19 Apr 2023 23:58  
 Operator : JC/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Apr 20 05:09:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041823WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 20 04:51:49 2023  
 Response via : Initial Calibration

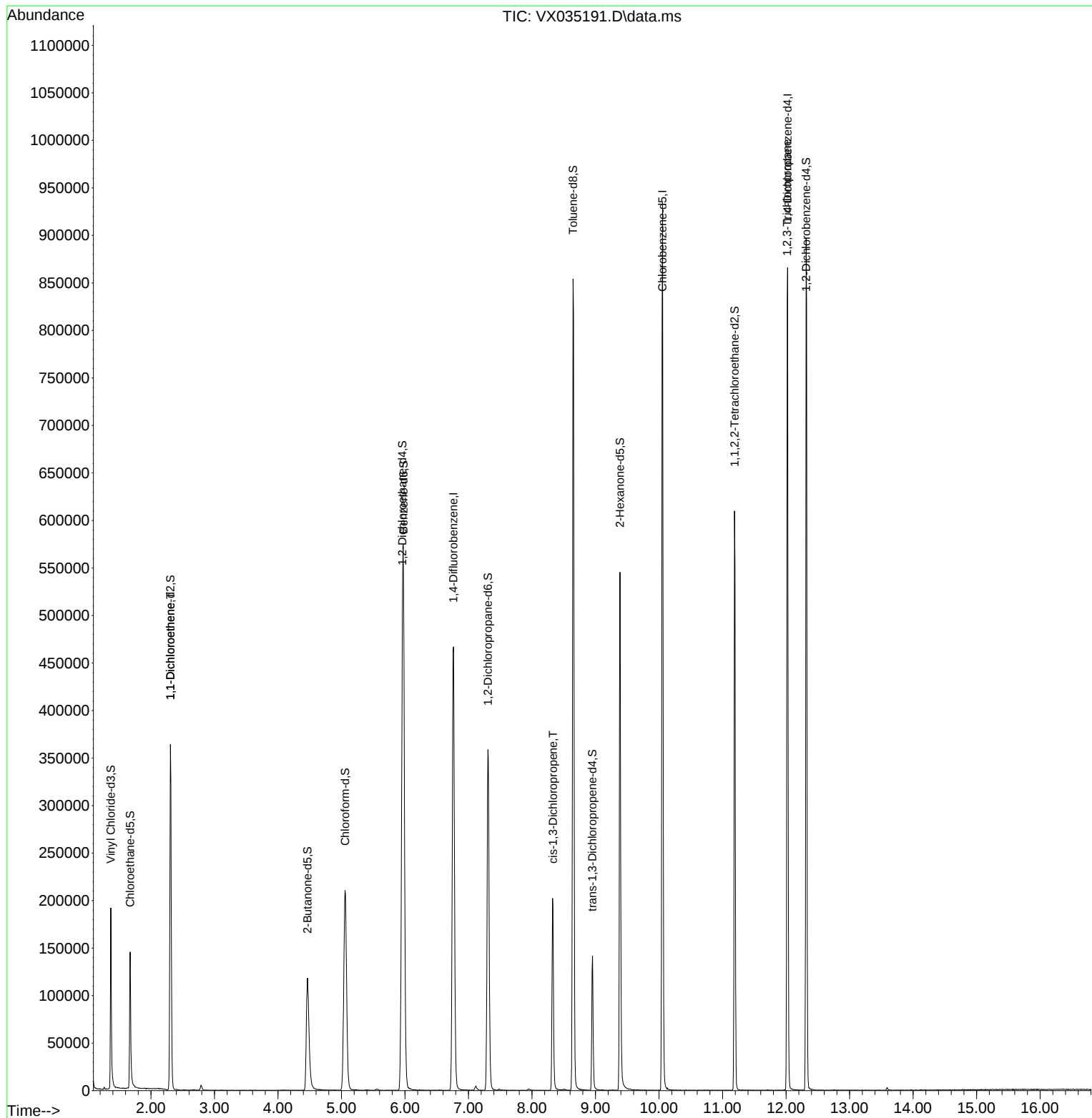
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 489734     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 420400     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 187577     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 122865     | 38.908   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 77.820%  |        |          |
| 7) Chloroethane-d5            | 1.672          | 69   | 100018     | 43.833   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 87.660%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 65   | 63838      | 42.250   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.500%  |        |          |
| 21) 2-Butanone-d5             | 4.464          | 46   | 224751     | 106.803  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 106.800% |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 274546     | 46.167   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.340%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 185906     | 48.681   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.360%  |        |          |
| 32) Benzene-d6                | 5.976          | 84   | 584496     | 48.400   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.800%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 186004     | 50.422   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 100.840% |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 514199     | 46.589   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.180%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 66992      | 41.555   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.120%  |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 155368     | 104.881  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 104.880% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 228983     | 50.685   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 101.380% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 184543     | 50.768   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.540% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.306          | 96   | 1609       | 0.550    | ug/L # | 1        |
| 39) cis-1,3-Dichloropropene   | 8.330          | 75   | 4625       | 0.923    | ug/L # | 73       |
| 61) 1,2,3-Trichloropropane    | 12.018         | 75   | 22949      | 6.627    | ug/L # | 67       |
| -----                         |                |      |            |          |        |          |

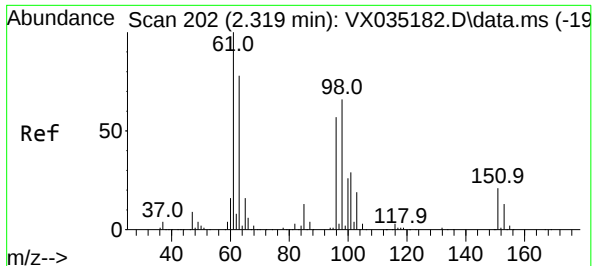
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.550 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

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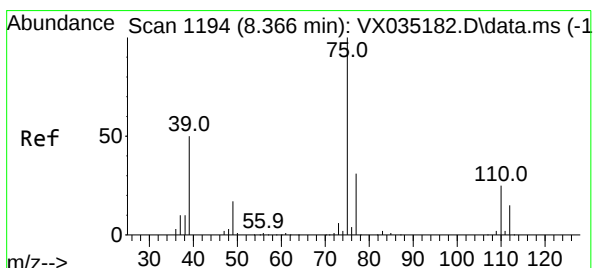
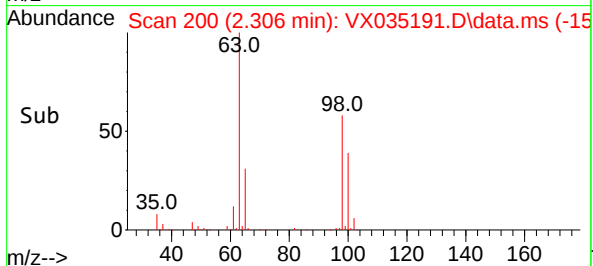
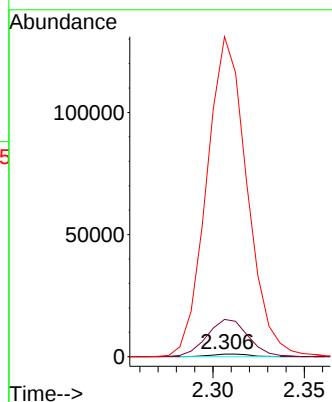
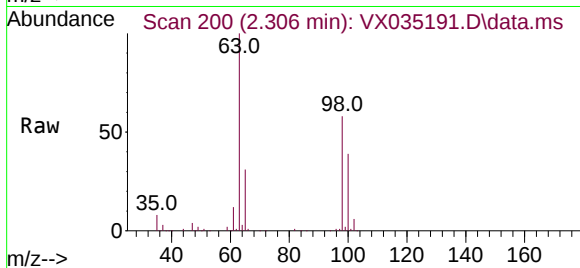
Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 96 Resp: 1609

| Ion | Ratio   | Lower | Upper  |
|-----|---------|-------|--------|
| 96  | 100     |       |        |
| 61  | 1410.5  | 119.0 | 221.0# |
| 63  | 12110.2 | 91.0  | 169.0# |



#39

cis-1,3-Dichloropropene

Concen: 0.923 ug/L

RT: 8.330 min Scan# 1188

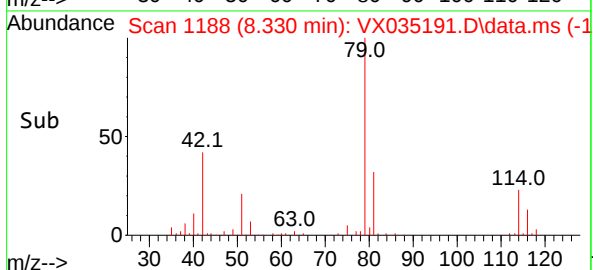
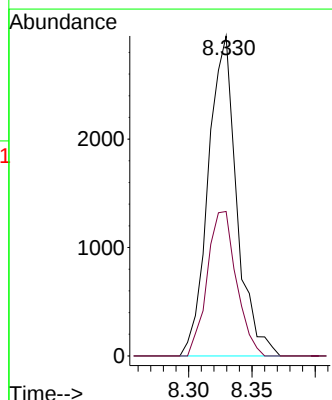
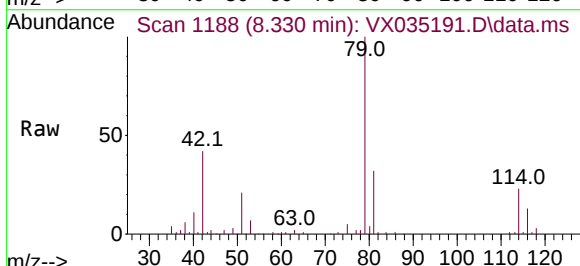
Delta R.T. -0.037 min

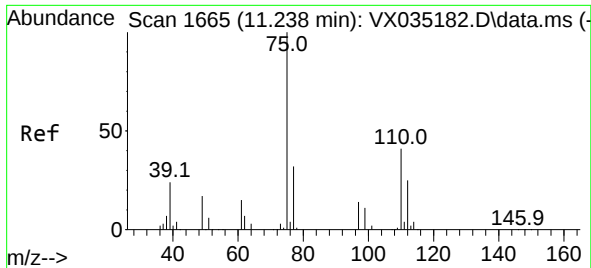
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Tgt Ion: 75 Resp: 4625

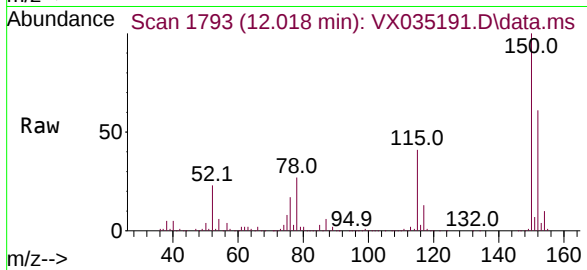
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 45.1  | 21.4  | 39.8# |





#61  
 1,2,3-Trichloropropane  
 Concen: 6.627 ug/L  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.780 min  
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Instrument :  
 MSVOA\_X  
 ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.4  | 25.6  | 38.4  |
| 110     | 3.8   | 32.5  | 48.7# |

