

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031621\  
 Data File : VW020642.D  
 Acq On : 16 Mar 2021 19:46  
 Operator : SY/MD  
 Sample : M1675-12  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BF4

Quant Time: Mar 17 01:54:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 17 01:47:28 2021  
 Response via : Initial Calibration

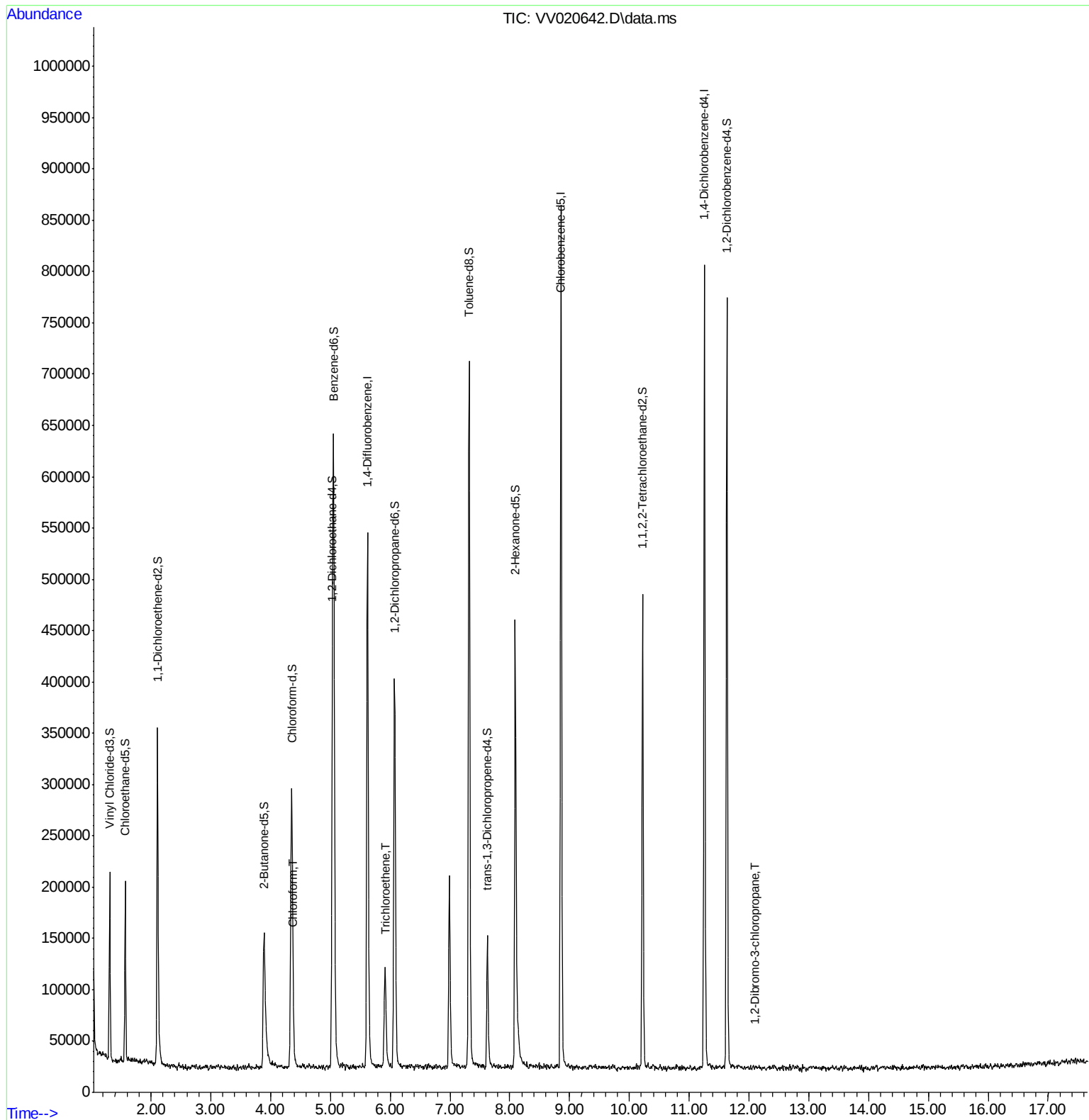
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 421536     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 420964     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 181246     | 50.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 112494     | 33.08   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 66.16%  |        |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 102342     | 37.62   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 75.24%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.111          | 63   | 173797     | 26.89   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 53.78%# |        |          |
| 21) 2-Butanone-d5             | 3.886          | 46   | 241409     | 110.62  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 110.62% |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 259231     | 43.86   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.72%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 185344     | 47.53   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.06%  |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 506713     | 43.57   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.14%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 176682     | 47.48   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 94.96%  |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 428342     | 41.44   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.88%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 71877      | 41.33   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 82.66%  |        |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 135778     | 97.52   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 97.52%  |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 215313     | 46.30   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 92.60%  |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 174846     | 49.79   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 99.58%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 25) Chloroform                | 4.378          | 83   | 14125      | 2.33    | ug/L   | 97       |
| 34) Trichloroethene           | 5.921          | 95   | 23407      | 6.53    | ug/L   | 95       |
| 66) 1,2-Dibromo-3-chloropr... | 12.098         | 75   | 1012       | 1.17    | ug/L # | 25       |
| -----                         |                |      |            |         |        |          |

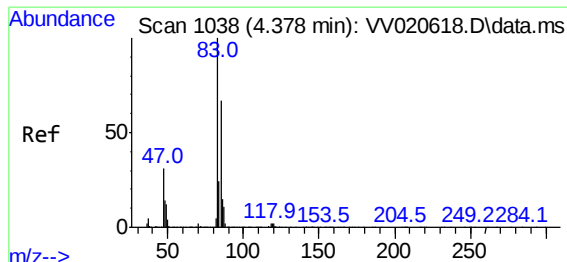
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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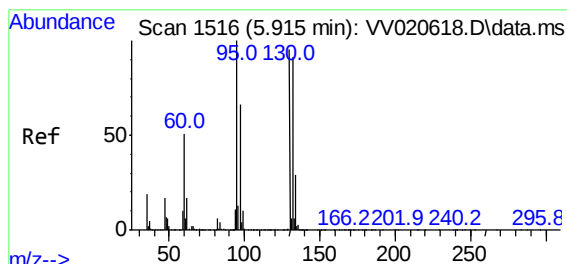
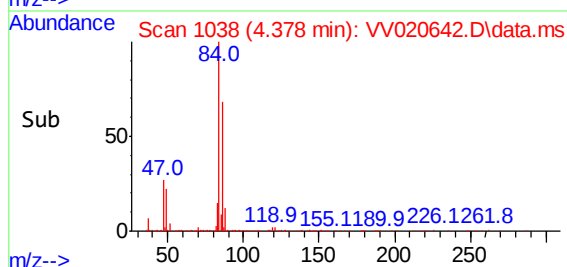
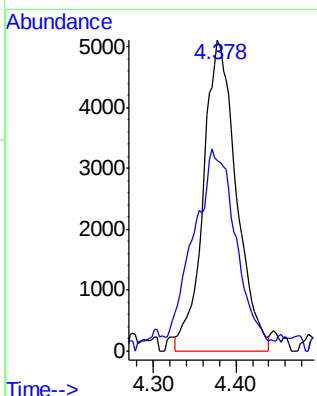
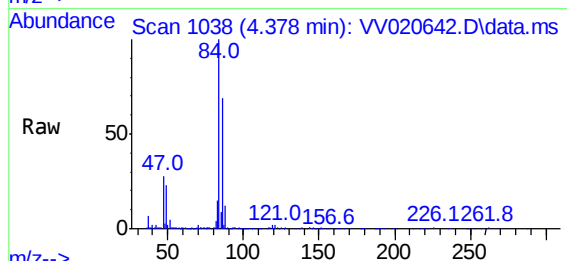




#25  
Chloroform  
Concen: 2.33 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VV020642.D  
Acq: 16 Mar 2021 19:46

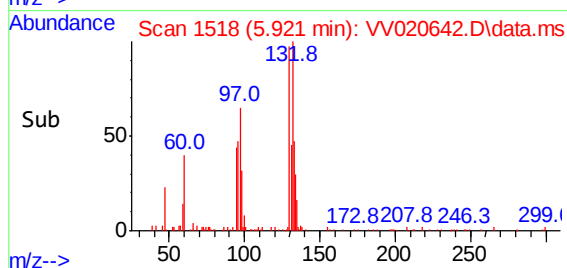
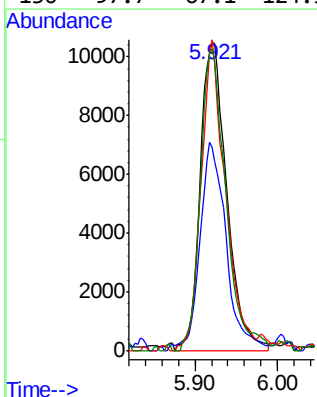
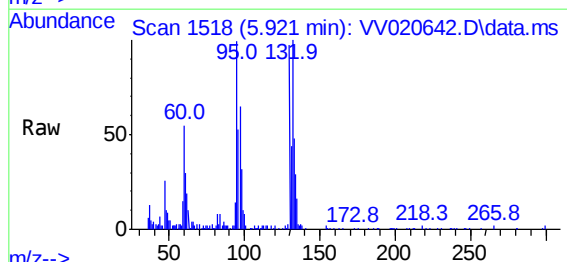
Instrument :  
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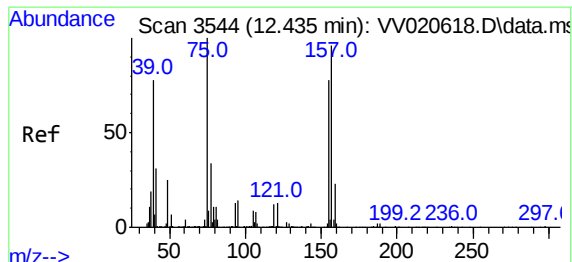
Tgt Ion: 83 Resp: 14125  
Ion Ratio Lower Upper  
83 100  
85 61.1 44.2 82.2



#34  
Trichloroethene  
Concen: 6.53 ug/L  
RT: 5.921 min Scan# 1518  
Delta R.T. 0.007 min  
Lab File: VV020642.D  
Acq: 16 Mar 2021 19:46

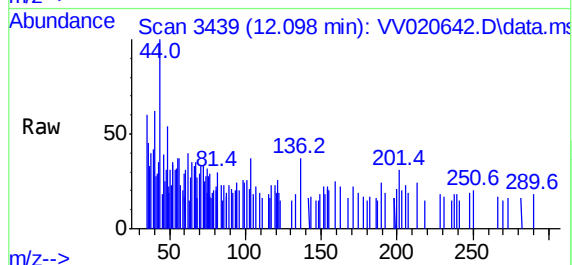
Tgt Ion: 95 Resp: 23407  
Ion Ratio Lower Upper  
95 100  
97 65.9 44.5 82.7  
132 100.7 63.4 117.8  
130 97.7 67.1 124.5





#66  
 1,2-Dibromo-3-chloropropane  
 Concen: 1.17 ug/L  
 RT: 12.098 min Scan# 3439  
 Delta R.T. -0.338 min  
 Lab File: VV020642.D  
 Acq: 16 Mar 2021 19:46

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Tgt Ion: 75 Resp: 1012

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 75  | 100   |       |        |
| 155 | 34.1  | 59.1  | 88.7#  |
| 157 | 0.0   | 75.4  | 113.0# |

