

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031821\  
 Data File : VW020673.D  
 Acq On : 18 Mar 2021 13:51  
 Operator : SY/MD  
 Sample : M1698-04  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: Mar 19 04:01:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 19 03:58:36 2021  
 Response via : Initial Calibration

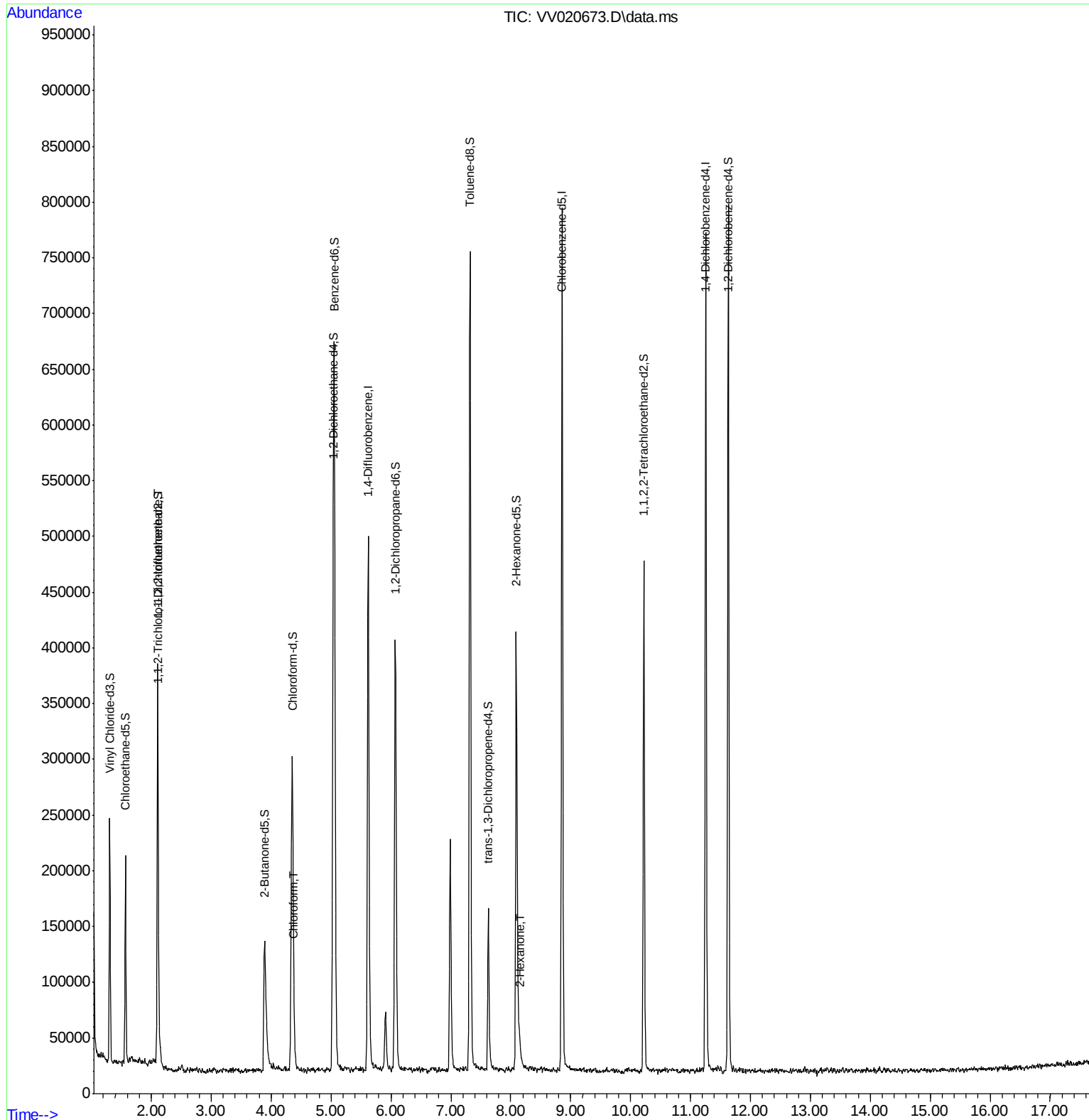
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 396574     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 396249     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 174755     | 50.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 134067     | 41.91   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 83.82%  |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 108941     | 42.57   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 85.14%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 191524     | 31.50   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 63.00%  |        |          |
| 21) 2-Butanone-d5             | 3.889          | 46   | 219257     | 106.79  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 106.79% |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 269539     | 48.48   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.96%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037          | 65   | 188979     | 51.51   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 103.02% |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 535403     | 48.90   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.80%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 179190     | 51.16   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 102.32% |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 466374     | 47.93   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.86%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 77849      | 47.55   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 95.10%  |        |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 123936     | 94.57   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 94.57%  |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 207208     | 47.34   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 94.68%  |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.628         | 152  | 182532     | 53.90   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 107.80% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114          | 101  | 1856       | 0.67    | ug/L # | 33       |
| 25) Chloroform                | 4.381          | 83   | 15382      | 2.70    | ug/L   | 91       |
| 48) 2-Hexanone                | 8.146          | 43   | 13117      | 3.58    | ug/L # | 68       |
| -----                         |                |      |            |         |        |          |

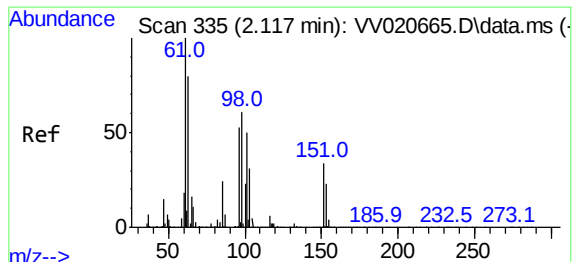
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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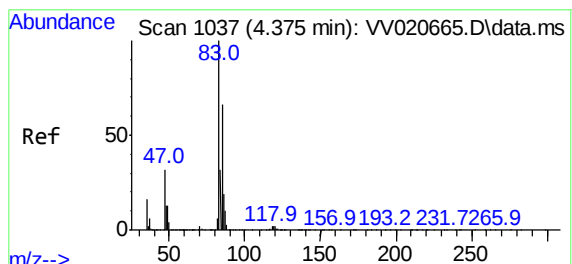
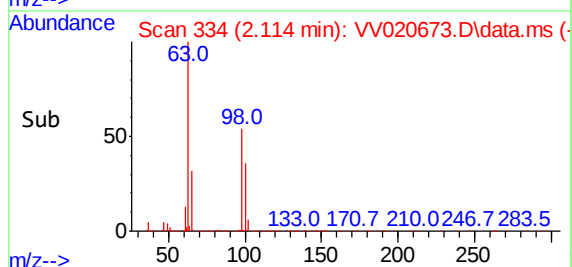
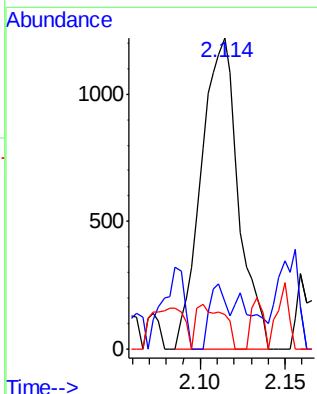
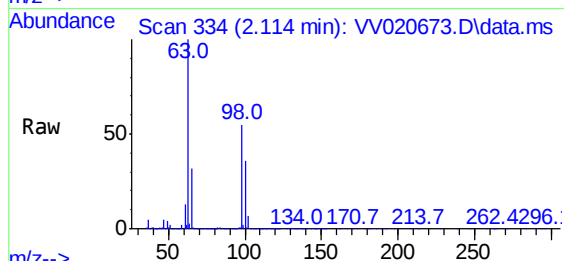




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.67 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. -0.003 min  
Lab File: VV020673.D  
Acq: 18 Mar 2021 13:51

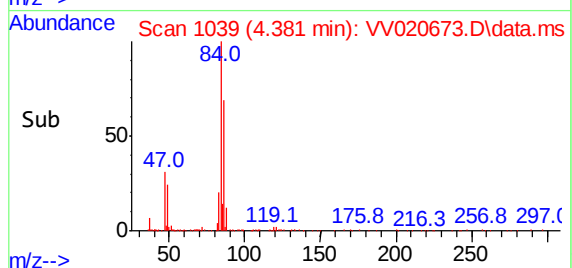
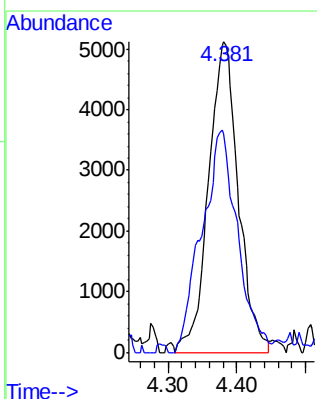
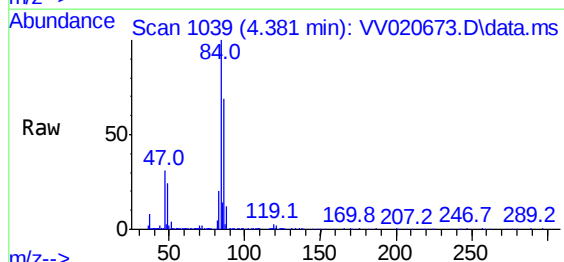
Instrument :  
MSVOA\_V  
ClientSampled :  
VHBLK01

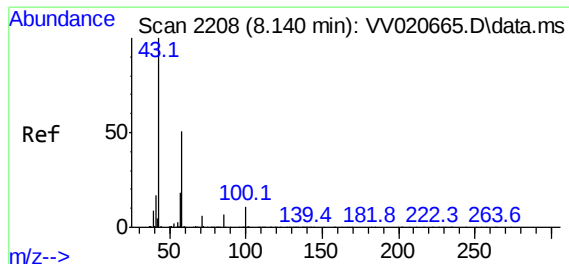
Tgt Ion:101 Resp: 1856  
Ion Ratio Lower Upper  
101 100  
85 9.9 35.3 52.9#  
151 6.4 53.6 80.4#



#25  
Chloroform  
Concen: 2.70 ug/L  
RT: 4.381 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: VV020673.D  
Acq: 18 Mar 2021 13:51

Tgt Ion: 83 Resp: 15382  
Ion Ratio Lower Upper  
83 100  
85 70.4 44.2 82.2





#48  
 2-Hexanone  
 Concen: 3.58 ug/L  
 RT: 8.146 min Scan# 2210  
 Delta R.T. 0.006 min  
 Lab File: VV020673.D  
 Acq: 18 Mar 2021 13:51

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Tgt Ion: 43 Resp: 13117  
 Ion Ratio Lower Upper  
 43 100  
 58 28.7 41.8 62.6#  
 57 2.7 15.0 22.4#  
 100 3.0 8.9 13.3#

