

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031621\  
 Data File : VW020640.D  
 Acq On : 16 Mar 2021 18:59  
 Operator : SY/MD  
 Sample : M1675-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BF2

Quant Time: Mar 17 01:53:58 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

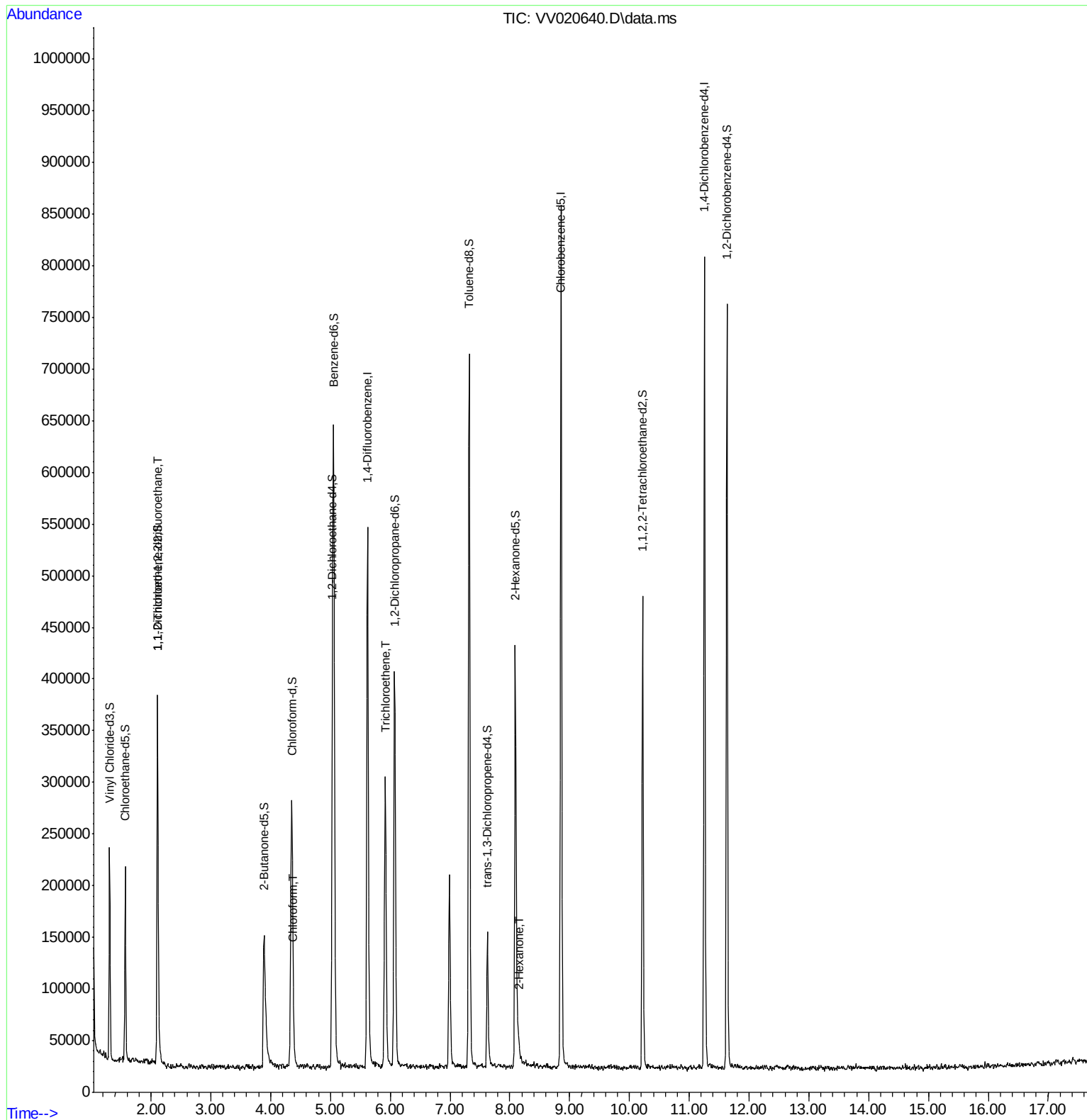
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 431444     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 425814     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 180778     | 50.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 122522     | 35.21   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 70.42%  |        |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 110255     | 39.60   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 79.20%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.111          | 63   | 189349     | 28.62   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 57.24%# |        |          |
| 21) 2-Butanone-d5             | 3.889          | 46   | 228453     | 102.28  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 102.28% |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 260189     | 43.01   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.02%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 185931     | 46.59   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.18%  |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 504231     | 42.86   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.72%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 177565     | 47.17   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 94.34%  |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 424998     | 40.65   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 81.30%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 72518      | 41.22   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 82.44%  |        |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 126851     | 90.07   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 90.07%  |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 216195     | 45.96   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 91.92%  |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.628         | 152  | 169474     | 48.38   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.76%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111          | 101  | 2344       | 0.78    | ug/L # | 28       |
| 25) Chloroform                | 4.381          | 83   | 13505      | 2.18    | ug/L   | 90       |
| 34) Trichloroethene           | 5.918          | 95   | 88756      | 24.48   | ug/L   | 99       |
| 48) 2-Hexanone                | 8.146          | 43   | 12710      | 3.23    | ug/L # | 64       |
| -----                         |                |      |            |         |        |          |

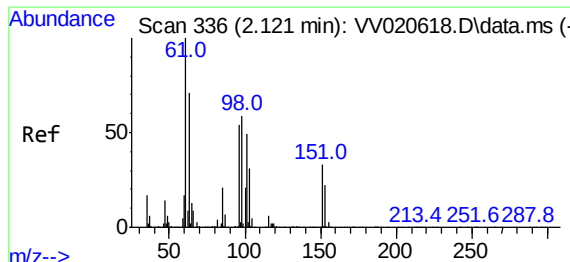
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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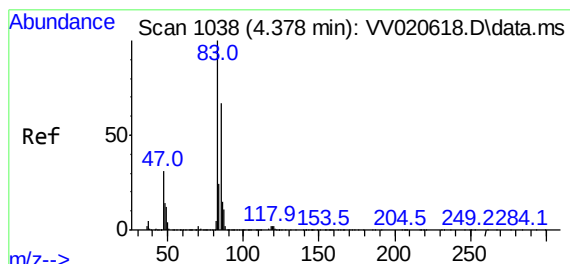
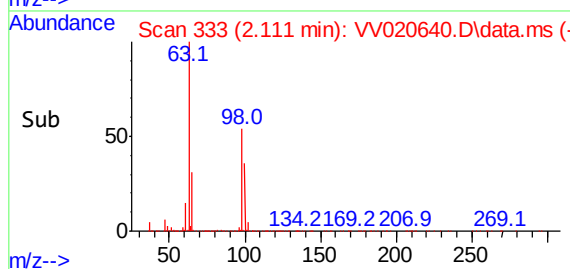
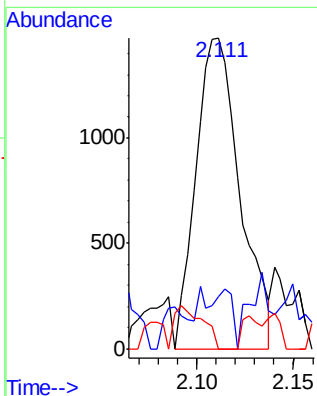
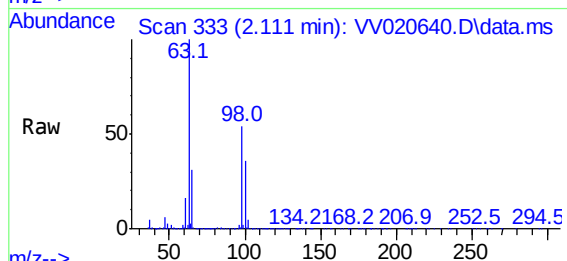




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.78 ug/L  
RT: 2.111 min Scan# 333  
Delta R.T. -0.009 min  
Lab File: VV020640.D  
Acq: 16 Mar 2021 18:59

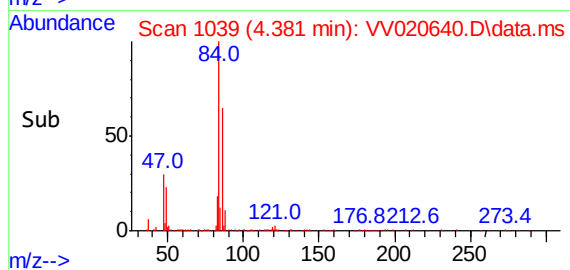
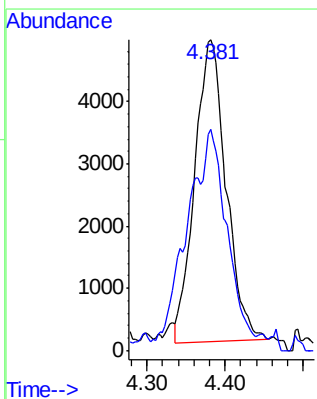
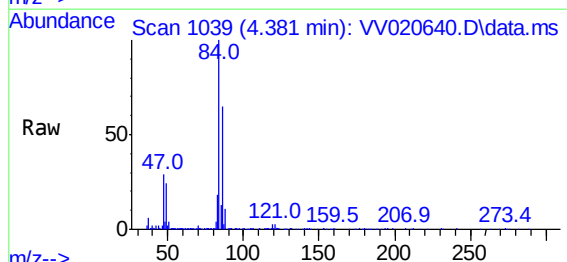
Instrument :  
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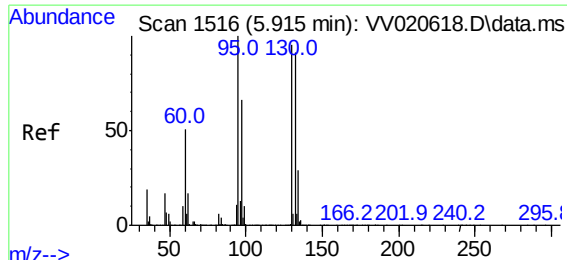
Tgt Ion:101 Resp: 2344  
Ion Ratio Lower Upper  
101 100  
85 8.2 35.3 52.9#  
151 0.0 53.6 80.4#



#25  
Chloroform  
Concen: 2.18 ug/L  
RT: 4.381 min Scan# 1039  
Delta R.T. 0.003 min  
Lab File: VV020640.D  
Acq: 16 Mar 2021 18:59

Tgt Ion: 83 Resp: 13505  
Ion Ratio Lower Upper  
83 100  
85 71.1 44.2 82.2



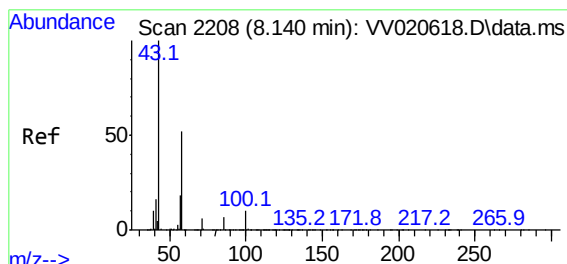
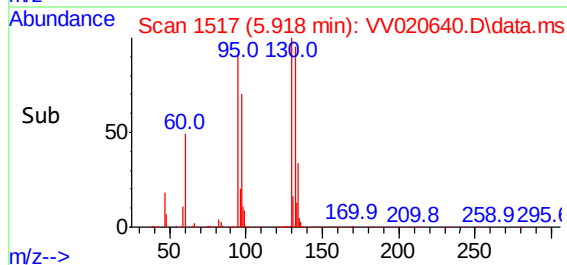
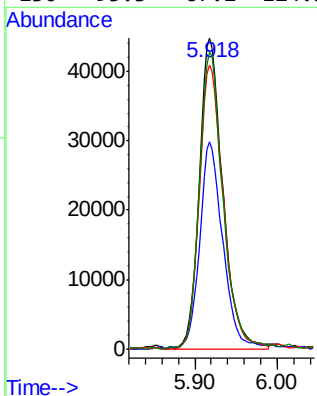
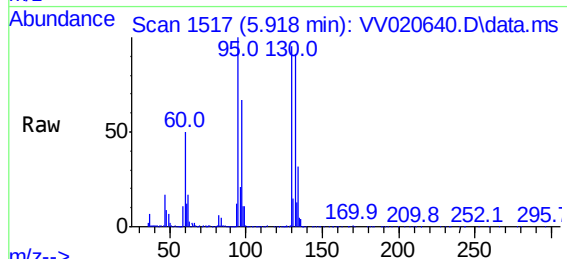


#34  
Trichloroethene  
Concen: 24.48 ug/L  
RT: 5.918 min Scan# 1517  
Delta R.T. 0.003 min  
Lab File: VV020640.D  
Acq: 16 Mar 2021 18:59

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0BF2

Tgt Ion: 95 Resp: 88756

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 66.7  | 44.5  | 82.7  |
| 132 | 91.2  | 63.4  | 117.8 |
| 130 | 95.3  | 67.1  | 124.5 |



#48  
2-Hexanone  
Concen: 3.23 ug/L  
RT: 8.146 min Scan# 2210  
Delta R.T. 0.007 min  
Lab File: VV020640.D  
Acq: 16 Mar 2021 18:59

Tgt Ion: 43 Resp: 12710

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 23.8  | 41.8  | 62.6# |
| 57  | 3.7   | 15.0  | 22.4# |
| 100 | 2.6   | 8.9   | 13.3# |

