

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031321\  
 Data File : VV020588.D  
 Acq On : 13 Mar 2021 01:40  
 Operator : SY/MD  
 Sample : M1633-20  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BA3

Quant Time: Mar 13 02:39:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 13 02:32:38 2021  
 Response via : Initial Calibration

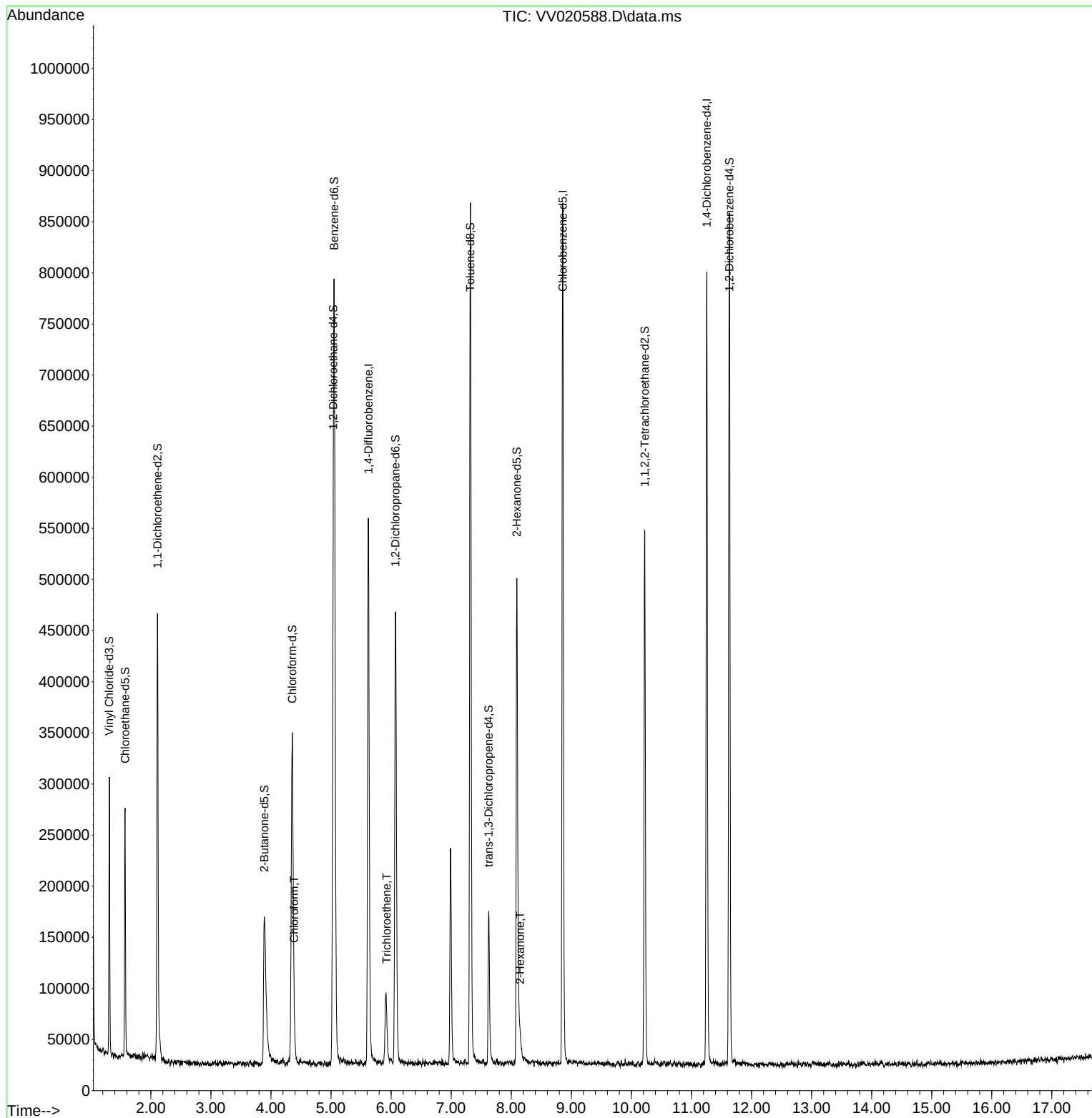
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 436658     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 424553     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 180454     | 50.00   | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 164188     | 46.61   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 93.22%  |        |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 142578     | 50.60   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 101.20% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.111          | 63   | 238274     | 35.59   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 71.18%  |        |          |
| 21) 2-Butanone-d5             | 3.889          | 46   | 269357     | 119.15  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 119.15% |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 309862     | 50.61   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.22% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037          | 65   | 225062     | 55.72   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 111.44% |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 622415     | 53.06   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 106.12% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 206490     | 55.02   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 110.04% |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 526456     | 50.50   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.00% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 80057      | 45.64   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 91.28%  |        |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 145928     | 103.93  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 103.93% |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.223         | 84   | 246581     | 52.58   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 105.16% |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.631         | 152  | 195010     | 55.77   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 111.54% |        |          |
| Target Compounds              |                |      |            |         |        |          |
|                               |                |      |            |         | Qvalue |          |
| 25) Chloroform                | 4.384          | 83   | 14670      | 2.34    | ug/L   | 88       |
| 34) Trichloroethene           | 5.924          | 95   | 13579      | 3.76    | ug/L   | 96       |
| 48) 2-Hexanone                | 8.146          | 43   | 13721      | 3.49    | ug/L # | 52       |
| -----                         |                |      |            |         |        |          |

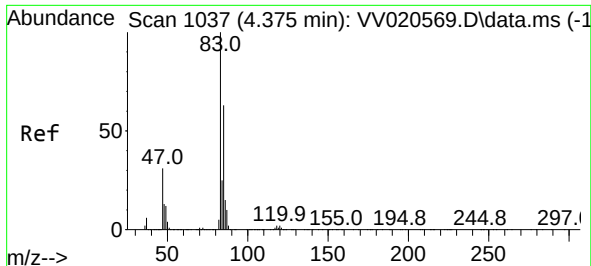
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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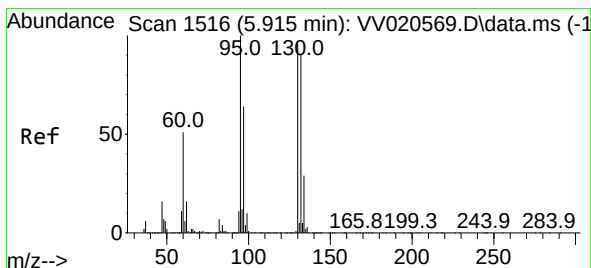
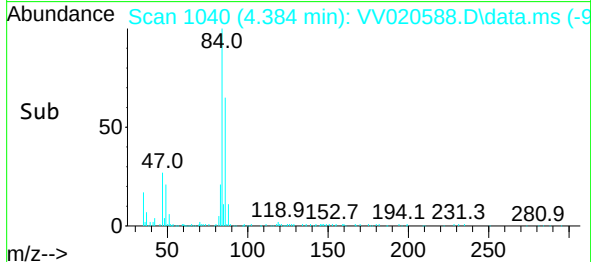
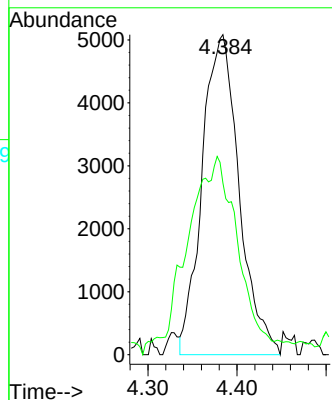
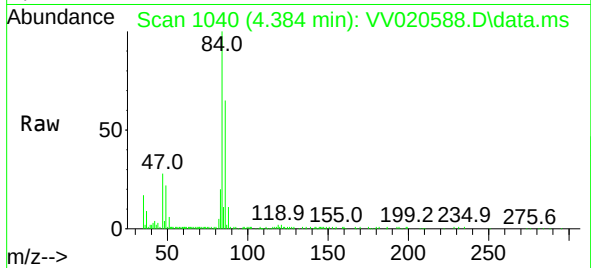




#25  
Chloroform  
Concen: 2.34 ug/L  
RT: 4.384 min Scan# 1040  
Delta R.T. 0.009 min  
Lab File: VV020588.D  
Acq: 13 Mar 2021 01:40

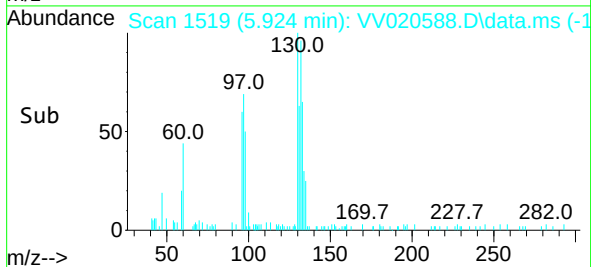
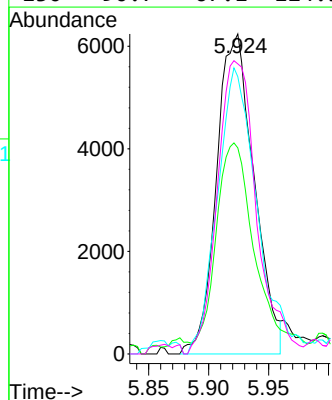
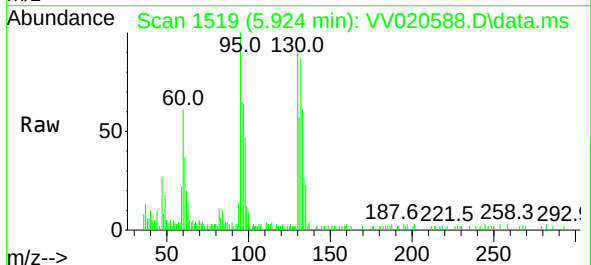
Instrument :  
MSVOA\_V  
ClientSampled :  
C0BA3

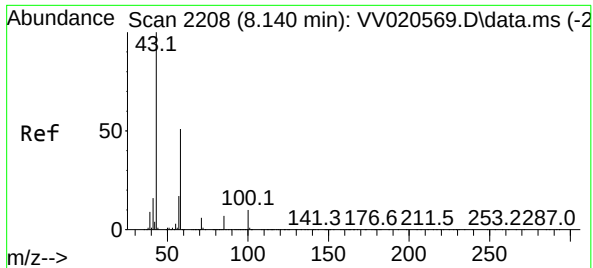
Tgt Ion: 83 Resp: 14670  
Ion Ratio Lower Upper  
83 100  
85 53.7 44.2 82.2



#34  
Trichloroethene  
Concen: 3.76 ug/L  
RT: 5.924 min Scan# 1519  
Delta R.T. 0.009 min  
Lab File: VV020588.D  
Acq: 13 Mar 2021 01:40

Tgt Ion: 95 Resp: 13579  
Ion Ratio Lower Upper  
95 100  
97 64.4 44.5 82.7  
132 86.7 63.4 117.8  
130 90.7 67.1 124.5





#48  
2-Hexanone  
Concen: 3.49 ug/L  
RT: 8.146 min Scan# 2210  
Delta R.T. 0.006 min  
Lab File: VV020588.D  
Acq: 13 Mar 2021 01:40

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0BA3

|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 13721     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 11.6 41.8 62.6# |
| 57          | 2.7 15.0 22.4#  |
| 100         | 2.1 8.9 13.3#   |

