

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031321\  
 Data File : VW020582.D  
 Acq On : 12 Mar 2021 23:19  
 Operator : SY/MD  
 Sample : M1633-14  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

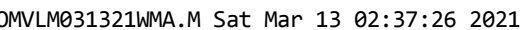
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B88

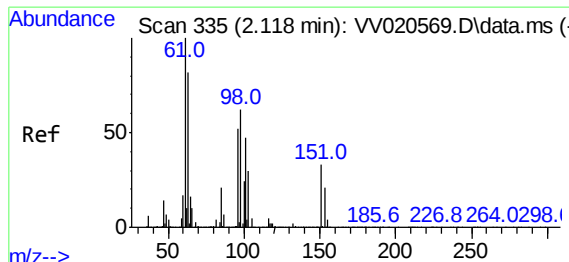
Quant Time: Mar 13 02:37:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 13 02:32:38 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 441782     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 411834     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.256         | 152  | 166136     | 50.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 171340     | 48.08   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 96.16%  |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 144046     | 50.52   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 101.04% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 230845     | 34.08   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 68.16%  |        |          |
| 21) 2-Butanone-d5             | 3.889          | 46   | 284062     | 124.20  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 124.20% |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 318911     | 51.49   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 102.98% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 234038     | 57.27   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 114.54% |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 635740     | 55.87   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 111.74% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 213339     | 58.60   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 117.20% |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 510881     | 50.52   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.04% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 83385      | 49.01   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 98.02%  |        |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 159845     | 117.35  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 117.35% |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 262307     | 57.66   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 115.32% |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 184409     | 57.28   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 114.56% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111          | 101  | 2204       | 0.72    | ug/L # | 33       |
| 25) Chloroform                | 4.384          | 83   | 14620      | 2.30    | ug/L   | 97       |
| 48) 2-Hexanone                | 8.092          | 43   | 24444      | 6.41    | ug/L # | 80       |
| -----                         |                |      |            |         |        |          |

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

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Response via : Initial Calibration

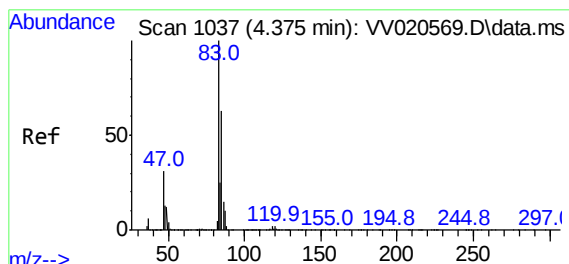
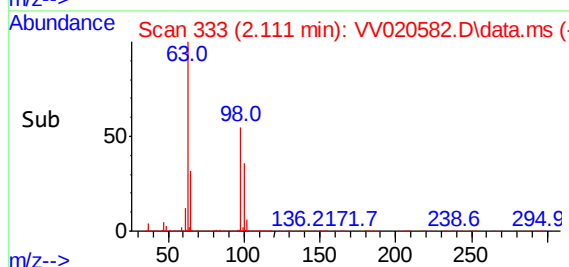
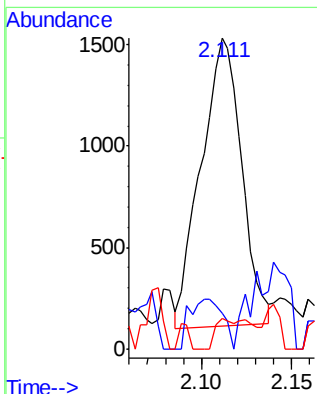
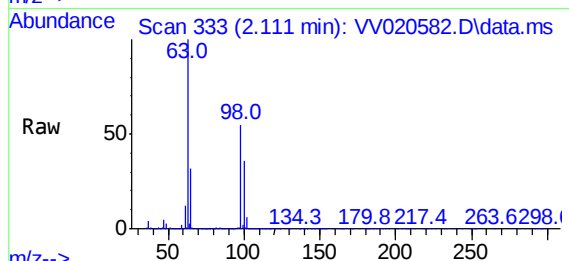




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.72 ug/L  
RT: 2.111 min Scan# 333  
Delta R.T. -0.006 min  
Lab File: VV020582.D  
Acq: 12 Mar 2021 23:19

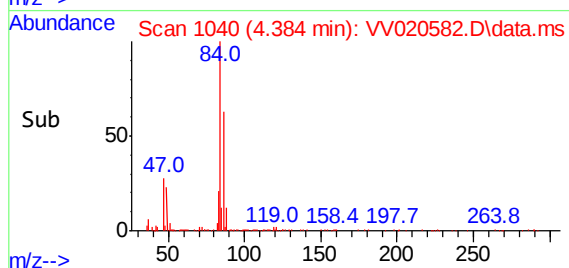
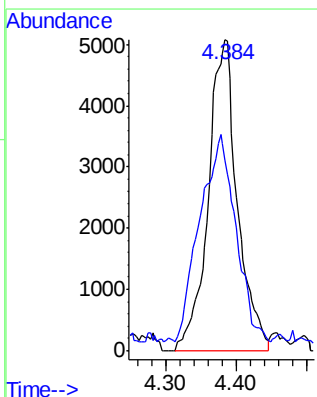
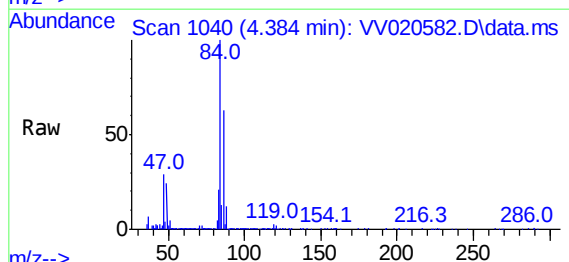
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MSVOA\_V  
ClientSampleId :  
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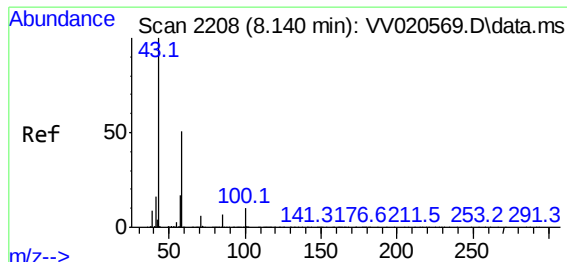
Tgt Ion:101 Resp: 2204  
Ion Ratio Lower Upper  
101 100  
85 10.8 35.3 52.9#  
151 4.5 53.6 80.4#



#25  
Chloroform  
Concen: 2.30 ug/L  
RT: 4.384 min Scan# 1040  
Delta R.T. 0.010 min  
Lab File: VV020582.D  
Acq: 12 Mar 2021 23:19

Tgt Ion: 83 Resp: 14620  
Ion Ratio Lower Upper  
83 100  
85 61.2 44.2 82.2





#48  
2-Hexanone  
Concen: 6.41 ug/L  
RT: 8.092 min Scan# 2193  
Delta R.T. -0.048 min  
Lab File: VV020582.D  
Acq: 12 Mar 2021 23:19

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0B88

Tgt Ion: 43 Resp: 24444  
Ion Ratio Lower Upper  
43 100  
58 38.8 41.8 62.6#  
57 26.7 15.0 22.4#  
100 0.7 8.9 13.3#

