

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092022\  
 Data File : VV027998.D  
 Acq On : 21 Sep 2022 06:22  
 Operator : SY/MD  
 Sample : N4674-11  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0EB0

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 09/21/2022  
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 21 08:06:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 21 06:45:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609          | 114  | 335650     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850          | 117  | 337487     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246         | 152  | 149498     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301          | 65   | 133149     | 45.187   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 90.380%  |        |          |
| 7) Chloroethane-d5            | 1.561          | 69   | 111631     | 47.424   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 94.840%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.101          | 63   | 188144     | 36.042   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 72.080%  |        |          |
| 21) 2-Butanone-d5             | 3.879          | 46   | 190485     | 108.713  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 108.710% |        |          |
| 24) Chloroform-d              | 4.339          | 84   | 235593     | 47.622   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.240%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.024          | 65   | 158014     | 49.286   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.580%  |        |          |
| 32) Benzene-d6                | 5.043          | 84   | 461624     | 47.456   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.920%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.063          | 67   | 145560     | 48.460   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 96.920%  |        |          |
| 41) Toluene-d8                | 7.310          | 98   | 414579     | 46.541   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.080%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.616          | 79   | 66503      | 44.274   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 88.540%  |        |          |
| 47) 2-Hexanone-d5             | 8.085          | 63   | 159902     | 108.666  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 108.670% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210         | 84   | 231788     | 52.427   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 104.860% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622         | 152  | 159808     | 55.067   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 110.140% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.111          | 96   | 8721       | 3.581    | ug/L   | # 1      |
| 20) cis-1,2-Dichloroethene    | 3.908          | 96   | 11432m     | 4.422    | ug/L   |          |
| 30) 1,1,1-Trichloroethane     | 4.596          | 97   | 7622       | 1.835    | ug/L   | 95       |
| 34) Trichloroethene           | 5.908          | 95   | 104977     | 42.074   | ug/L   | 98       |
| -----                         |                |      |            |          |        |          |

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

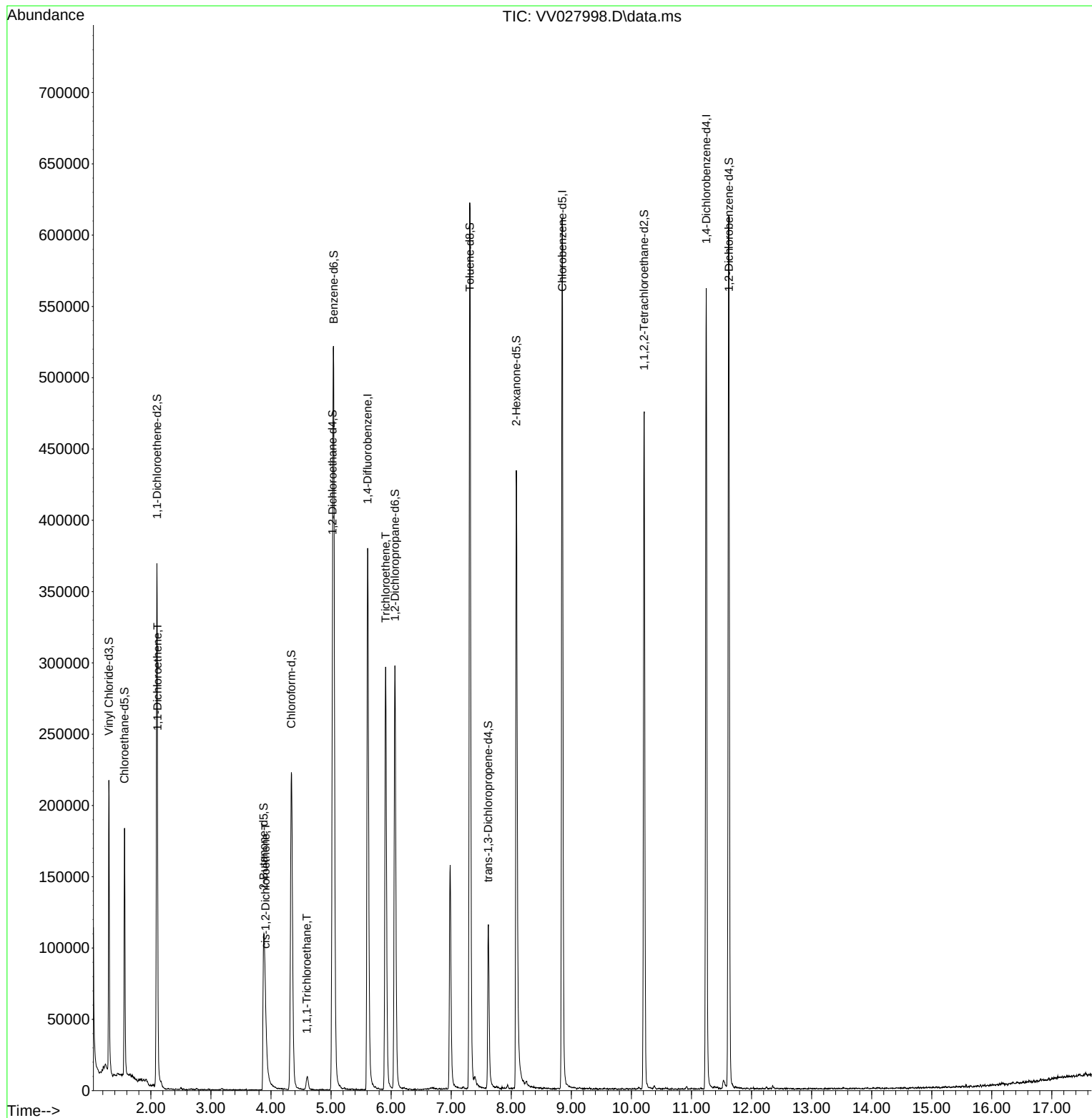
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092022\  
Data File : VV027998.D  
Acq On : 21 Sep 2022 06:22  
Operator : SY/MD  
Sample : N4674-11  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 45 Sample Multiplier: 1

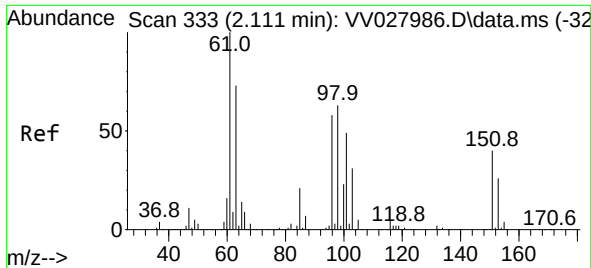
Instrument :  
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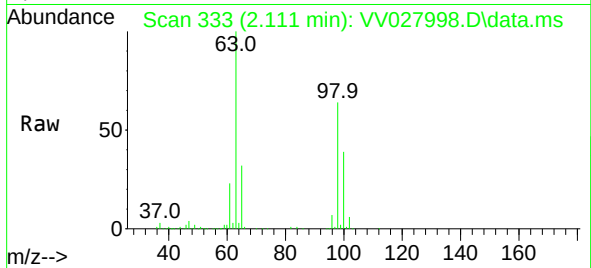
Quant Time: Sep 21 08:06:52 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092022WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Sep 21 06:45:13 2022  
Response via : Initial Calibration





#12  
1,1-Dichloroethene  
Concen: 3.581 ug/L  
RT: 2.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VV027998.D  
Acq: 21 Sep 2022 06:22

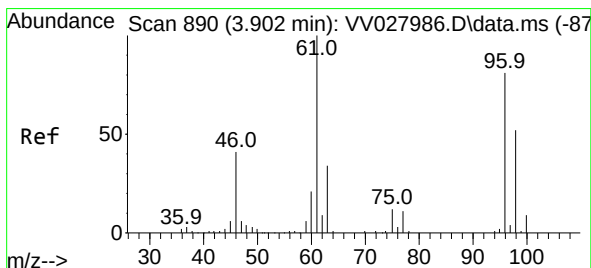
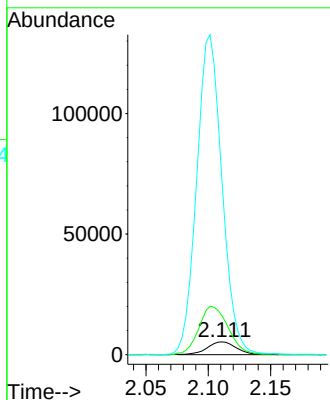
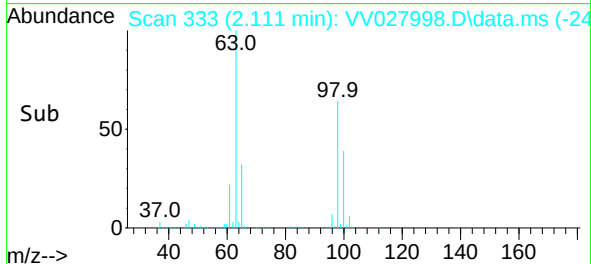
Instrument :  
MSVOA\_V  
ClientSampleId :  
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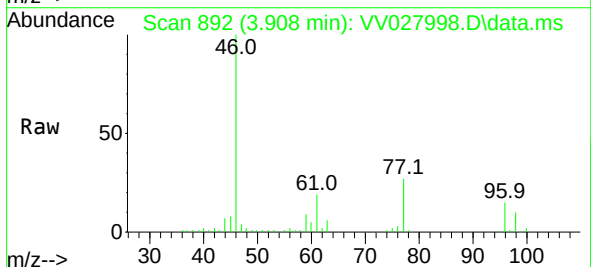
Tgt Ion: 96 Resp: 872  
Ion Ratio Lower Upper  
96 100  
61 303.8 123.7 229.7  
63 1347.8 108.6 201.0

Manual Integrations  
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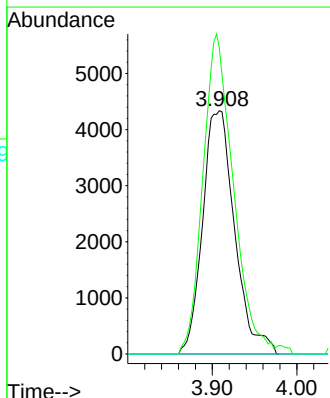
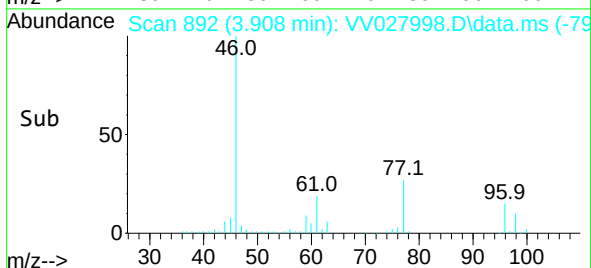
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Supervised By :Mahesh Dadoda 09/22/2022

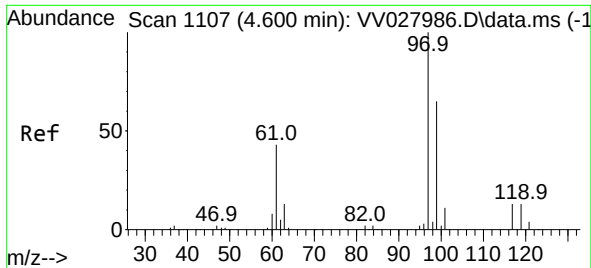


#20  
cis-1,2-Dichloroethene  
Concen: 4.422 ug/L m  
RT: 3.908 min Scan# 892  
Delta R.T. 0.006 min  
Lab File: VV027998.D  
Acq: 21 Sep 2022 06:22



Tgt Ion: 96 Resp: 11432  
Ion Ratio Lower Upper  
96 100  
61 125.8 84.4 156.8  
68 0.0 0.0 0.0





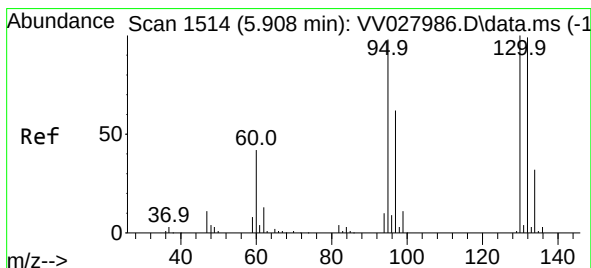
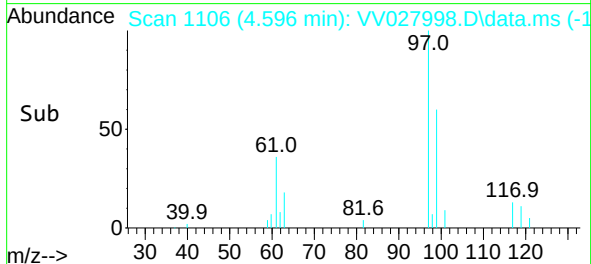
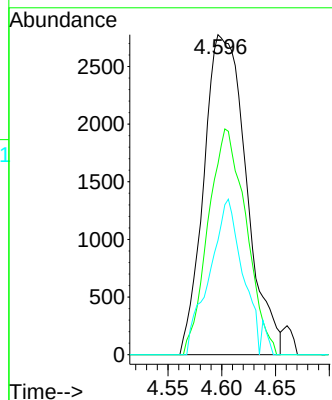
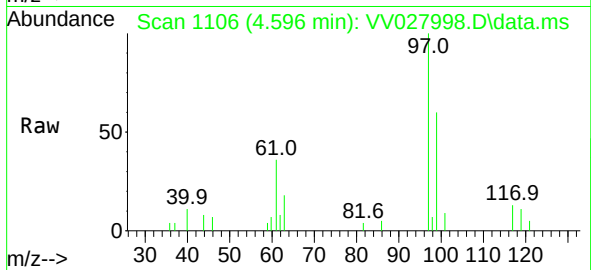
#30  
1,1,1-Trichloroethane  
Concen: 1.835 ug/L  
RT: 4.596 min Scan# 1106  
Delta R.T. -0.003 min  
Lab File: VV027998.D  
Acq: 21 Sep 2022 06:22

Instrument :  
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Tgt Ion: 97 Resp: 762  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.4 77.0  
61 37.5 35.2 52.8

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#34  
Trichloroethene  
Concen: 42.074 ug/L  
RT: 5.908 min Scan# 1514  
Delta R.T. -0.000 min  
Lab File: VV027998.D  
Acq: 21 Sep 2022 06:22

Tgt Ion: 95 Resp: 104977  
Ion Ratio Lower Upper  
95 100  
97 63.3 45.4 84.2  
132 101.5 69.2 128.6  
130 102.0 71.1 132.1

