

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW011822\  
 Data File : VW024391.D  
 Acq On : 18 Jan 2022 14:10  
 Operator : SY/MD  
 Sample : N1168-01ME  
 Misc : 5.76g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGLW7ME

Quant Time: Jan 19 01:05:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM123121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 19 01:03:04 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 01/19/2022  
 Supervised By : Mahesh Dadoda 01/19/2022

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613          | 114  | 454783     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 425888     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 215668     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 116821     | 35.692   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 71.380%  |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 81015      | 32.584   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 65.160%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.089          | 63   | 178202     | 29.132   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 58.260%# |        |          |
| 21) 2-Butanone-d5             | 3.902          | 46   | 154668     | 84.817   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 84.820%  |        |          |
| 24) Chloroform-d              | 4.346          | 84   | 262854     | 43.941   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.880%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 177214     | 44.248   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.500%  |        |          |
| 32) Benzene-d6                | 5.043          | 84   | 536526     | 48.276   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.560%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.066          | 67   | 164077     | 52.678   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 105.360% |        |          |
| 41) Toluene-d8                | 7.313          | 98   | 515744     | 47.929   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.860%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.622          | 79   | 84659      | 47.202   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 94.400%  |        |          |
| 47) 2-Hexanone-d5             | 8.137          | 63   | 126343m    | 93.365   | ug/L   | 0.05     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 93.370%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.226         | 84   | 200810     | 45.114   | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 90.220%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.628         | 152  | 208322     | 48.460   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 96.920%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.182          | 43   | 4762       | 2.645    | ug/L   | 69       |
| 22) 2-Butanone                | 4.005          | 43   | 18856m     | 9.859    | ug/L   |          |
| 46) Tetrachloroethene         | 7.976          | 164  | 30547      | 11.239   | ug/L   | 97       |
| -----                         |                |      |            |          |        |          |

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

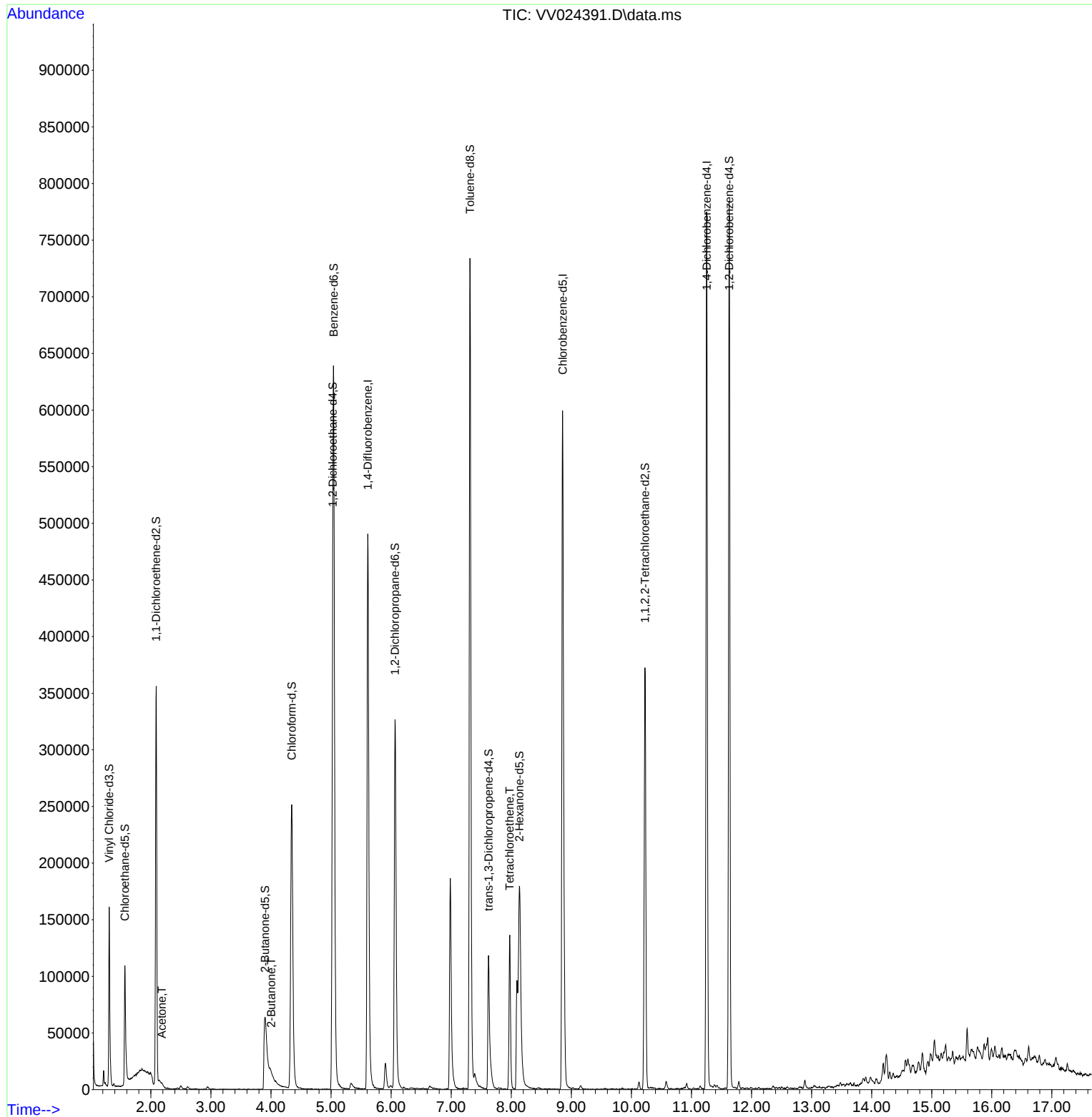
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011822\  
Data File : VV024391.D  
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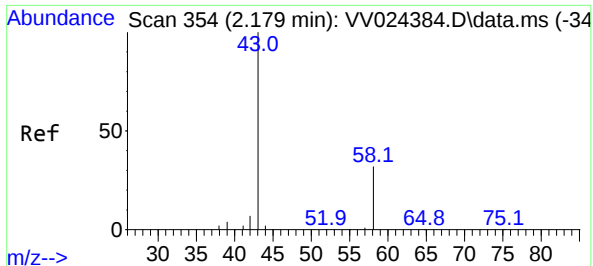
Instrument :  
MSVOA\_V  
ClientSampleId :  
BGLW7ME

Quant Time: Jan 19 01:05:11 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM123121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jan 19 01:03:04 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

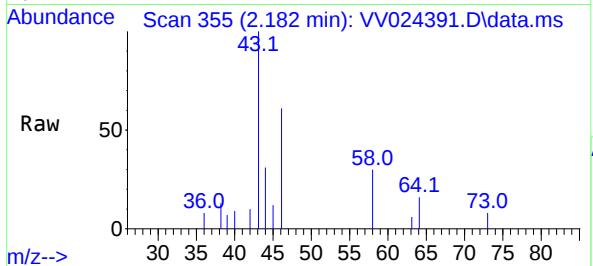
Reviewed By : John Carlone 01/19/2022  
Supervised By : Mahesh Dadoda 01/19/2022





#13  
Acetone  
Concen: 2.645 ug/L  
RT: 2.182 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VV024391.D  
Acq: 18 Jan 2022 14:10

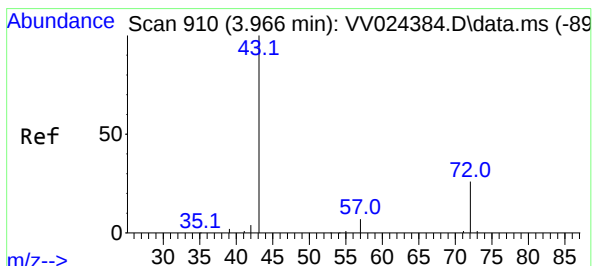
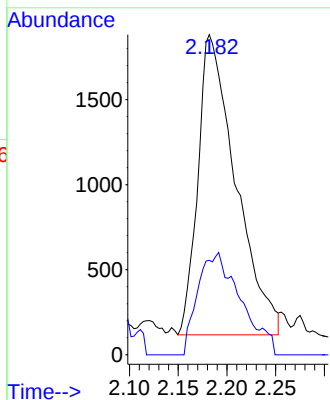
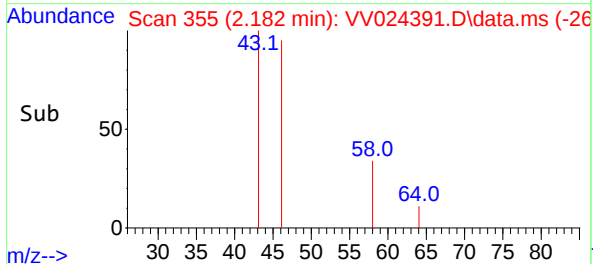
Instrument :  
MSVOA\_V  
ClientSampleId :  
BGLW7ME



Tgt Ion: 43 Resp: 4762  
Ion Ratio Lower Upper  
43 100  
58 14.5 0.0 63.0

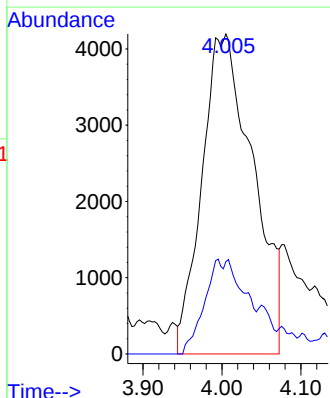
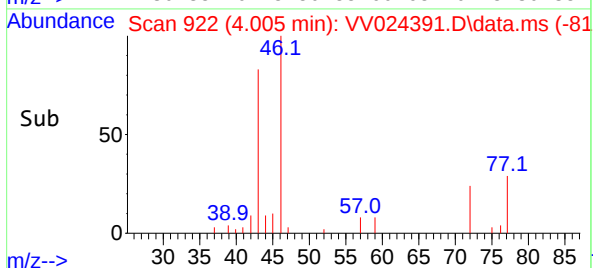
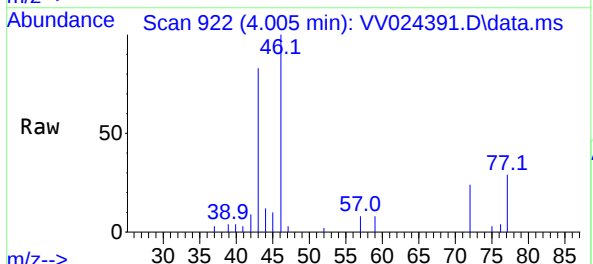
Manual Integrations  
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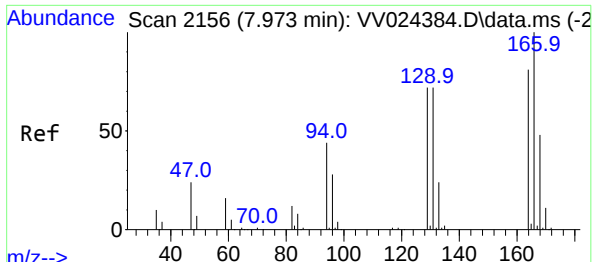
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Supervised By :Mahesh Dadoda 01/19/2022



#22  
2-Butanone  
Concen: 9.859 ug/L m  
RT: 4.005 min Scan# 922  
Delta R.T. 0.039 min  
Lab File: VV024391.D  
Acq: 18 Jan 2022 14:10

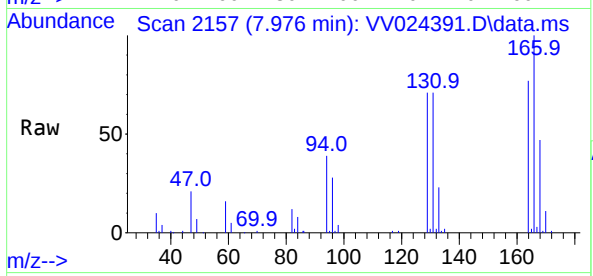
Tgt Ion: 43 Resp: 18856  
Ion Ratio Lower Upper  
43 100  
72 11.1 14.9 44.9#





#46  
 Tetrachloroethene  
 Concen: 11.239 ug/L  
 RT: 7.976 min Scan# 2156  
 Delta R.T. 0.003 min  
 Lab File: VV024391.D  
 Acq: 18 Jan 2022 14:10

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGLW7ME



Tgt Ion:164 Resp: 3054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 91.7  | 61.5  | 114.1 |
| 131 | 91.7  | 62.2  | 115.4 |
| 166 | 129.9 | 89.9  | 166.9 |

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