

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040323\  
 Data File : VU053514.D  
 Acq On : 03 Apr 2023 12:54  
 Operator : JC/MD  
 Sample : 02121-07ME 5X  
 Misc : 5.46g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C1180ME

Quant Time: Apr 04 02:20:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM033123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 01 04:51:17 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/04/2023  
 Supervised By :Mahesh Dadoda 04/04/2023

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.243          | 114  | 277462     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.414          | 117  | 261710     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809         | 152  | 148476     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 68423      | 31.670   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 63.340%  |       |          |
| 7) Chloroethane-d5            | 1.896          | 69   | 61664      | 37.018   | ug/L  | -0.01    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 74.040%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.559          | 63   | 87420      | 26.139   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 52.280%# |       |          |
| 21) 2-Butanone-d5             | 4.613          | 46   | 90938      | 92.967   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 92.970%  |       |          |
| 24) Chloroform-d              | 5.057          | 84   | 133746     | 37.432   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 74.860%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.693          | 65   | 86276      | 40.863   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.720%  |       |          |
| 32) Benzene-d6                | 5.719          | 84   | 266560     | 37.734   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 75.460%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.684          | 67   | 87528      | 40.537   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 81.080%  |       |          |
| 41) Toluene-d8                | 7.893          | 98   | 253747     | 36.140   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 72.280%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.176          | 79   | 42014      | 37.695   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 75.400%  |       |          |
| 47) 2-Hexanone-d5             | 8.626          | 63   | 70732      | 95.984   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 95.980%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751         | 84   | 138340     | 45.457   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 90.920%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.188         | 152  | 120818     | 38.983   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 77.960%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 5) Vinyl chloride             | 1.600          | 62   | 2417       | 1.127    | ug/L  | # 47     |
| 17) trans-1,2-Dichloroethene  | 3.350          | 96   | 2534m      | 1.481    | ug/L  |          |
| 20) cis-1,2-Dichloroethene    | 4.658          | 96   | 134918     | 68.267   | ug/L  | 95       |
| -----                         |                |      |            |          |       |          |

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

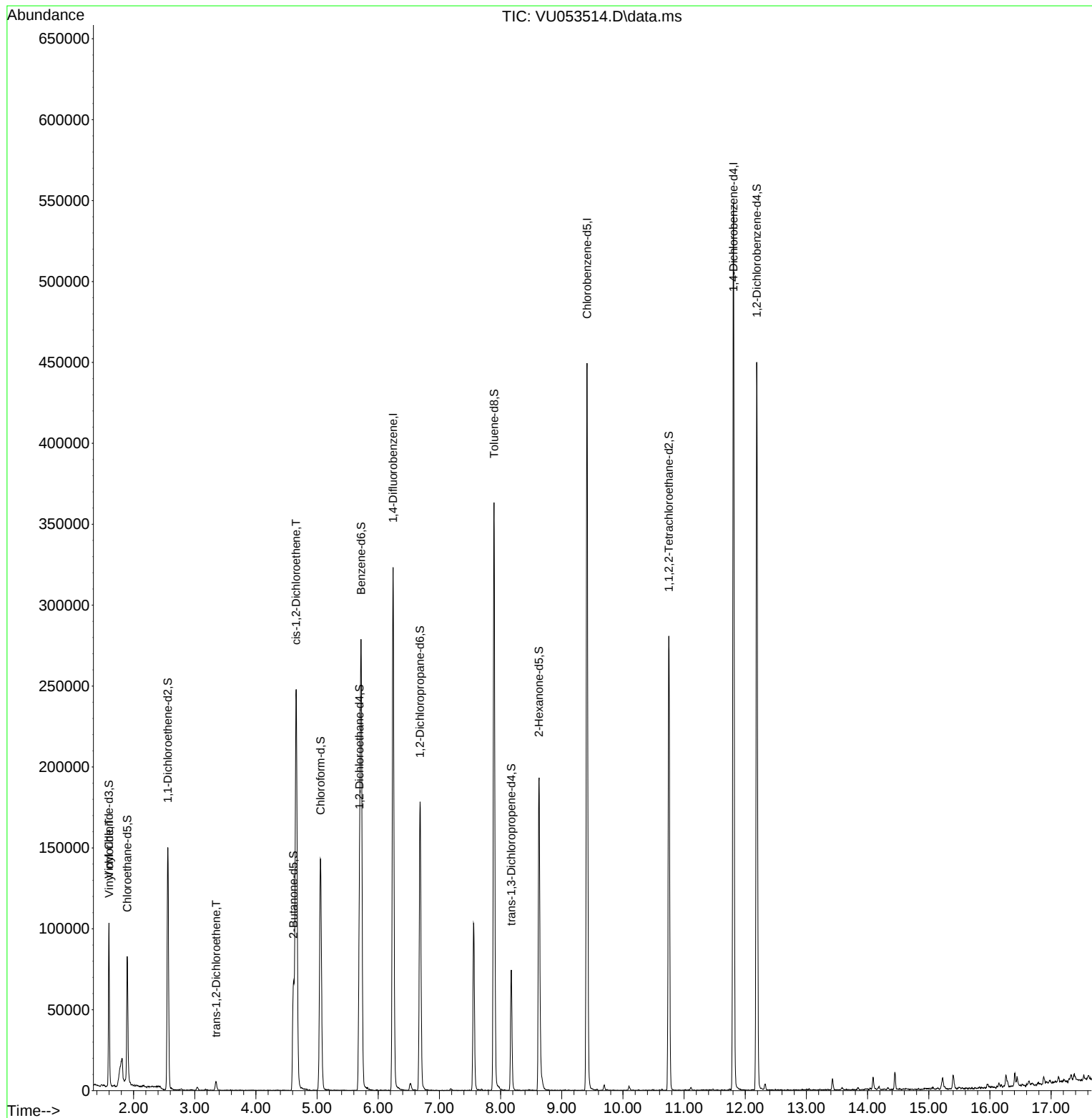
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040323\  
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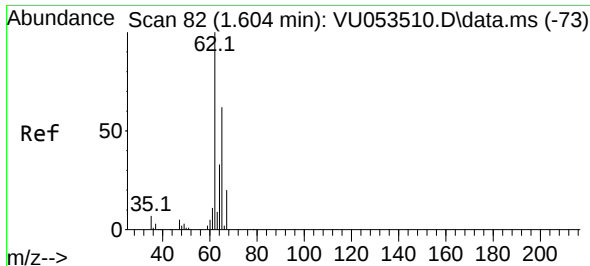
Instrument :  
MSVOA\_U  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM033123WMA.M  
Quant Title : VOC Analysis  
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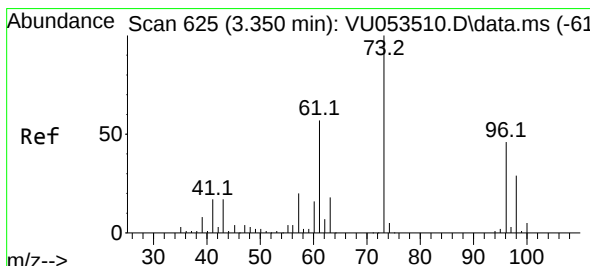
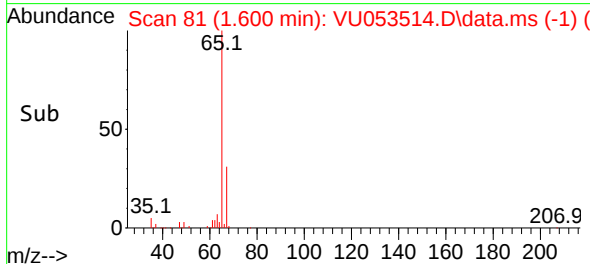
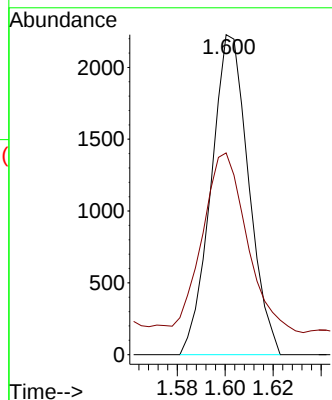
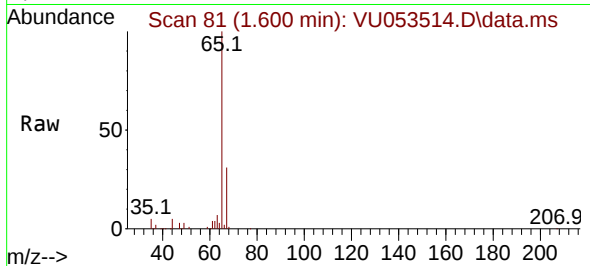
#5  
 Vinyl chloride  
 Concen: 1.127 ug/L  
 RT: 1.600 min Scan# 81  
 Delta R.T. -0.003 min  
 Lab File: VU053514.D  
 Acq: 03 Apr 2023 12:54

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C1180ME

Tgt Ion: 62 Resp: 241  
 Ion Ratio Lower Upper  
 62 100  
 64 63.1 23.2 43.0

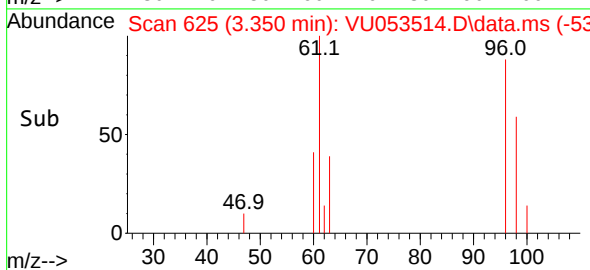
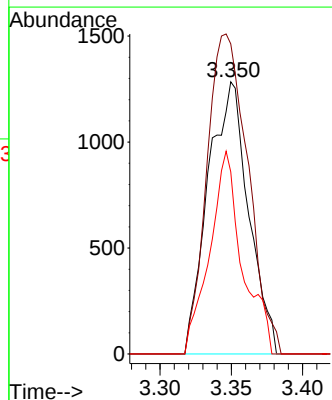
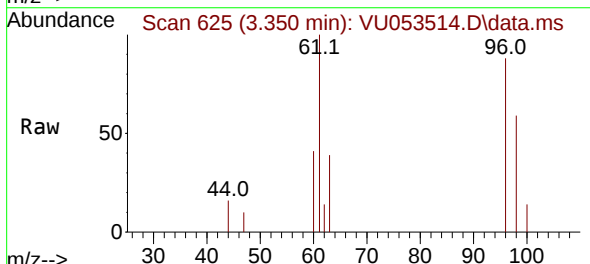
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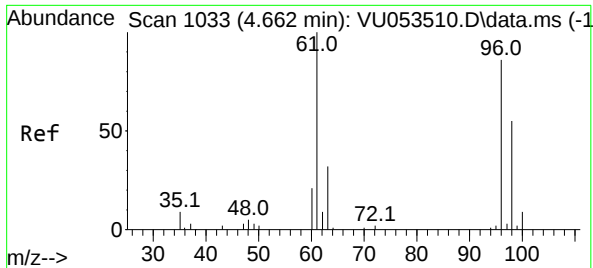
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 Supervised By :Mahesh Dadoda 04/04/2023



#17  
 trans-1,2-Dichloroethene  
 Concen: 1.481 ug/L m  
 RT: 3.350 min Scan# 625  
 Delta R.T. -0.000 min  
 Lab File: VU053514.D  
 Acq: 03 Apr 2023 12:54

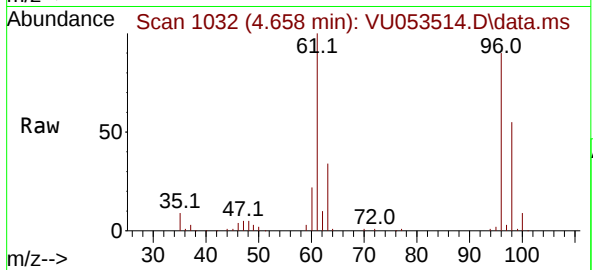
Tgt Ion: 96 Resp: 2534  
 Ion Ratio Lower Upper  
 96 100  
 61 113.9 84.4 156.8  
 98 66.9 46.0 85.4





#20  
 cis-1,2-Dichloroethene  
 Concen: 68.267 ug/L  
 RT: 4.658 min Scan# 1032  
 Delta R.T. -0.003 min  
 Lab File: VU053514.D  
 Acq: 03 Apr 2023 12:54

Instrument : MSVOA\_U  
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Tgt Ion: 96 Resp: 134918

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 111.7 | 74.7  | 138.7 |
| 68  | 0.0   | 0.0   | 0.0   |

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