

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071122\  
 Data File : VU049678.D  
 Acq On : 11 Jul 2022 16:08  
 Operator : SY/MD  
 Sample : N3598-08ME  
 Misc : 5.94g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AG3ME

Quant Time: Jul 12 02:34:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM071122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 12 02:23:25 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/12/2022  
 Supervised By :Mahesh Dadoda 07/12/2022

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.246          | 114  | 234525     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 224783     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815         | 152  | 104636     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.594          | 65   | 91151m     | 46.064   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 92.120%  |       |          |
| 7) Chloroethane-d5            | 1.877          | 69   | 48785m     | 34.107   | ug/L  | -0.03    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 68.220%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.526          | 63   | 118884     | 34.013   | ug/L  | -0.04    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 68.020%  |       |          |
| 21) 2-Butanone-d5             | 4.636          | 46   | 190384     | 112.705  | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 112.700% |       |          |
| 24) Chloroform-d              | 5.060          | 84   | 172644     | 49.260   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.520%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.697          | 65   | 125449     | 52.887   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 105.780% |       |          |
| 32) Benzene-d6                | 5.719          | 84   | 346780     | 50.782   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.560% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.687          | 67   | 120761     | 52.575   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 105.140% |       |          |
| 41) Toluene-d8                | 7.896          | 98   | 292571     | 49.197   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.400%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 46826      | 48.386   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.780%  |       |          |
| 47) 2-Hexanone-d5             | 8.655          | 63   | 125133     | 121.110  | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 121.110% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 176775     | 55.003   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 110.000% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 107095     | 54.284   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 108.560% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 4.658          | 96   | 35370      | 17.157   | ug/L  | 96       |
| 34) Trichloroethene           | 6.536          | 95   | 12135      | 5.942    | ug/L  | 98       |
| 46) Tetrachloroethene         | 8.552          | 164  | 36831      | 26.001   | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

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

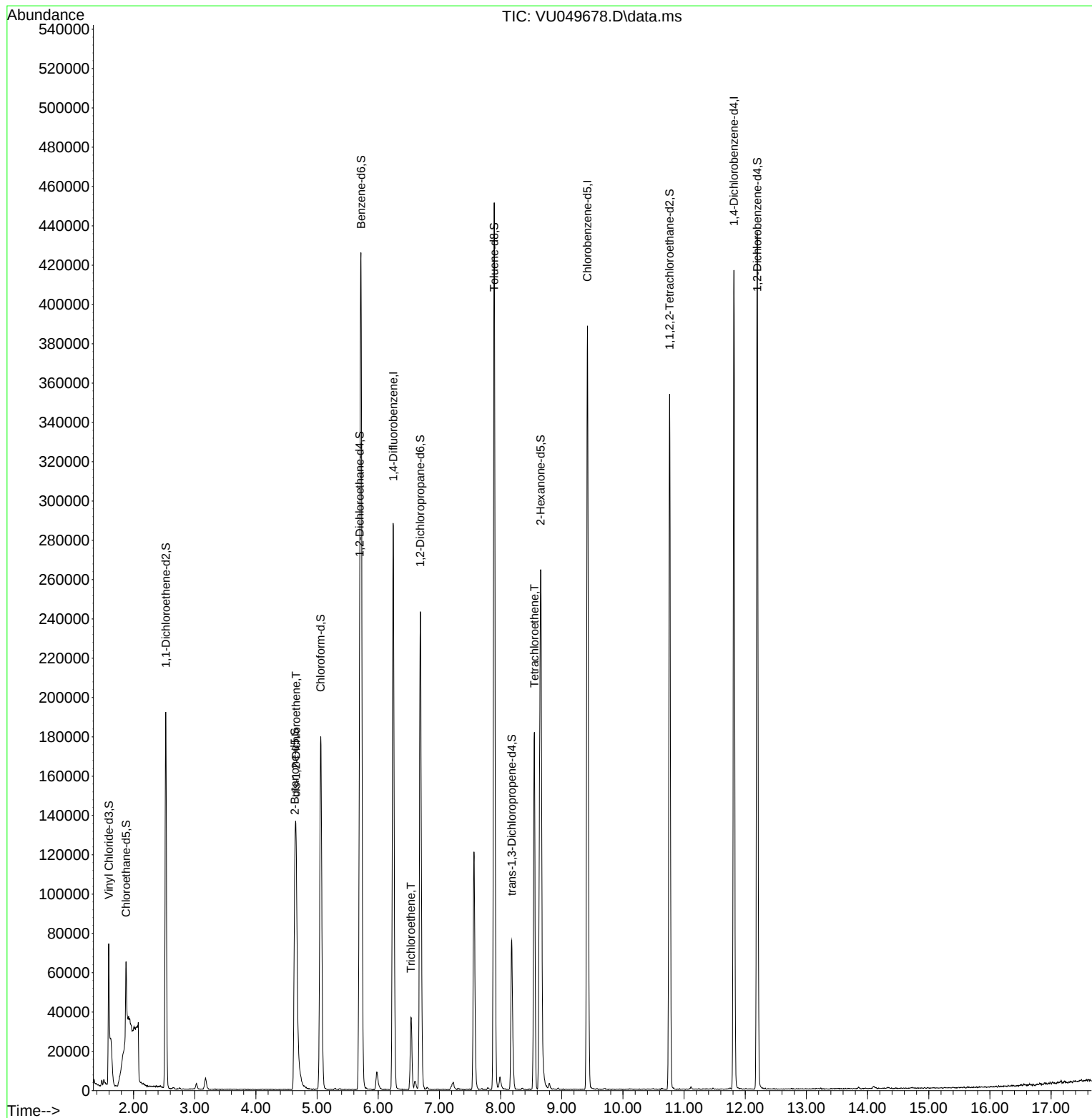
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071122\  
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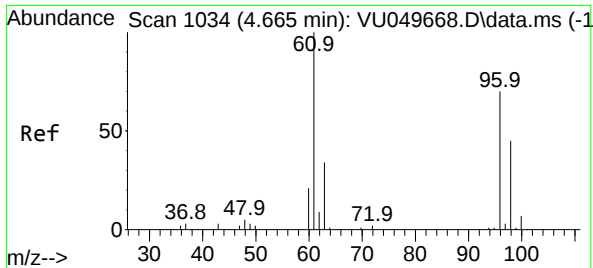
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AG3ME

Quant Time: Jul 12 02:34:44 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM071122WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jul 12 02:23:25 2022  
Response via : Initial Calibration

Manual Integrations  
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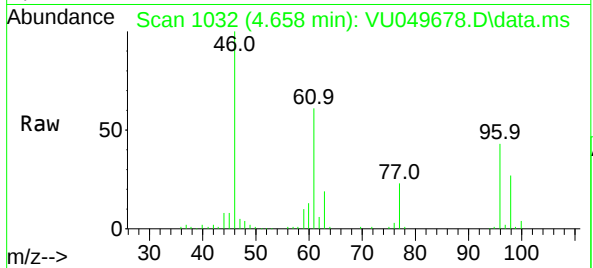
Reviewed By :Krupa Patel 07/12/2022  
Supervised By :Mahesh Dadoda 07/12/2022





#20  
cis-1,2-Dichloroethene  
Concen: 17.157 ug/L  
RT: 4.658 min Scan# 1032  
Delta R.T. -0.007 min  
Lab File: VU049678.D  
Acq: 11 Jul 2022 16:08

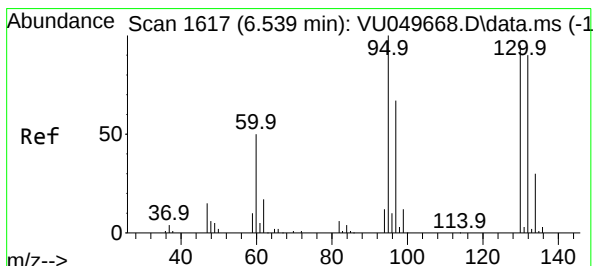
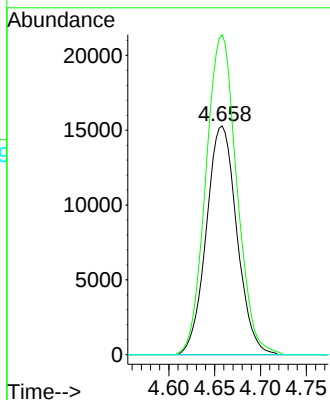
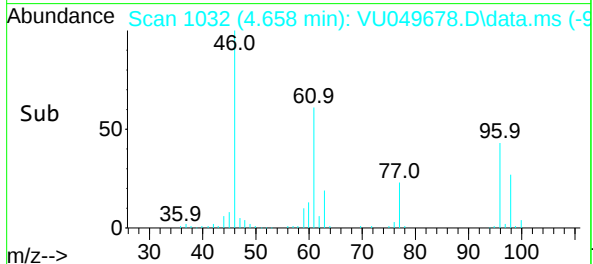
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AG3ME



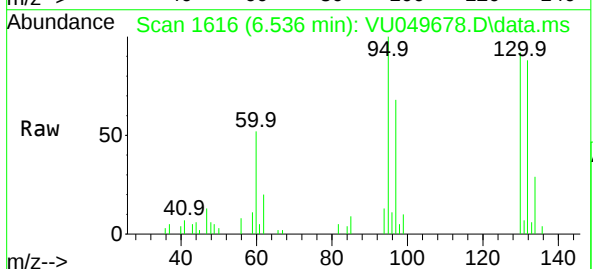
Tgt Ion: 96 Resp: 35370  
Ion Ratio Lower Upper  
96 100  
61 139.8 101.1 187.7  
68 0.0 0.0 0.0

Manual Integrations  
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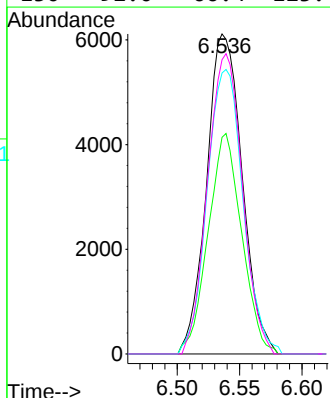
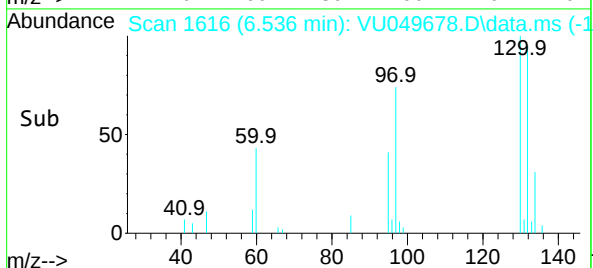
Reviewed By :Krupa Patel 07/12/2022  
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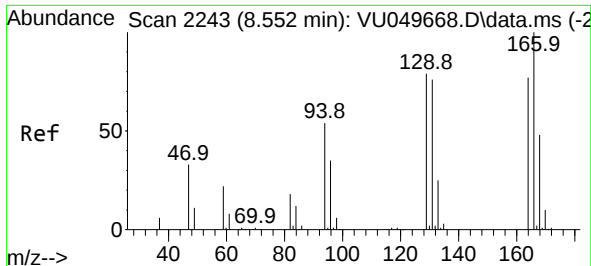


#34  
Trichloroethene  
Concen: 5.942 ug/L  
RT: 6.536 min Scan# 1616  
Delta R.T. -0.003 min  
Lab File: VU049678.D  
Acq: 11 Jul 2022 16:08



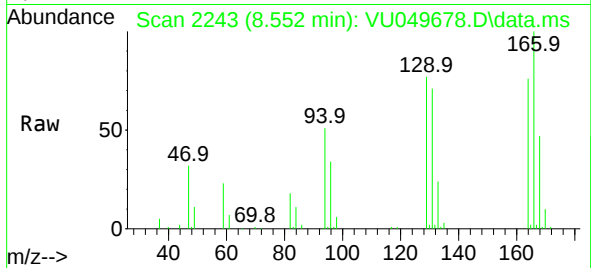
Tgt Ion: 95 Resp: 12135  
Ion Ratio Lower Upper  
95 100  
97 67.7 46.9 87.1  
132 87.8 62.7 116.5  
130 92.0 66.4 123.4





#46  
Tetrachloroethene  
Concen: 26.001 ug/L  
RT: 8.552 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU049678.D  
Acq: 11 Jul 2022 16:08

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AG3ME



Tgt Ion:164 Resp: 3683  
Ion Ratio Lower Upper  
164 100  
129 101.6 72.0 133.8  
131 94.0 69.0 128.1  
166 132.3 91.1 169.3

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