

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
 Data File : VX025587.D  
 Acq On : 07 Dec 2021 18:36  
 Operator : JC/MD  
 Sample : M4883-08ME  
 Misc : 5.06g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW9G4ME

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/08/2021  
 Supervised By : Mahesh Dadoda 12/09/2021

Quant Time: Dec 08 05:37:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML112221WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 08 05:26:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 74137      | 50.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.061         | 117  | 62740      | 50.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 30613      | 50.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 20949      | 41.405    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 82.820%   |        |          |
| 7) Chloroethane-d5            | 1.648          | 69   | 12177      | 29.161    | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 58.320%#  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.276          | 63   | 28358      | 35.152    | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 70.300%   |        |          |
| 21) 2-Butanone-d5             | 4.489          | 46   | 45036m     | 119.577   | ug/L   | 0.04     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 119.580%  |        |          |
| 24) Chloroform-d              | 5.068          | 84   | 48165      | 54.470    | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 108.940%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.964          | 65   | 34368      | 62.355    | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 124.700%  |        |          |
| 32) Benzene-d6                | 5.971          | 84   | 97903      | 58.878    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 117.760%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.312          | 67   | 31468      | 61.124    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 122.240%# |        |          |
| 41) Toluene-d8                | 8.653          | 98   | 77029      | 49.079    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.160%   |        |          |
| 43) trans-1,3-Dichloroprop... | 8.958          | 79   | 10926      | 42.212    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.420%   |        |          |
| 47) 2-Hexanone-d5             | 9.403          | 63   | 31818      | 118.730   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 118.730%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 44552      | 61.232    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 122.460%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 33395      | 55.619    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 111.240%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 2.429          | 43   | 827        | 2.670     | ug/L   | 62       |
| 34) Trichloroethene           | 7.123          | 95   | 5431       | 12.319    | ug/L   | 95       |
| -----                         |                |      |            |           |        |          |

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

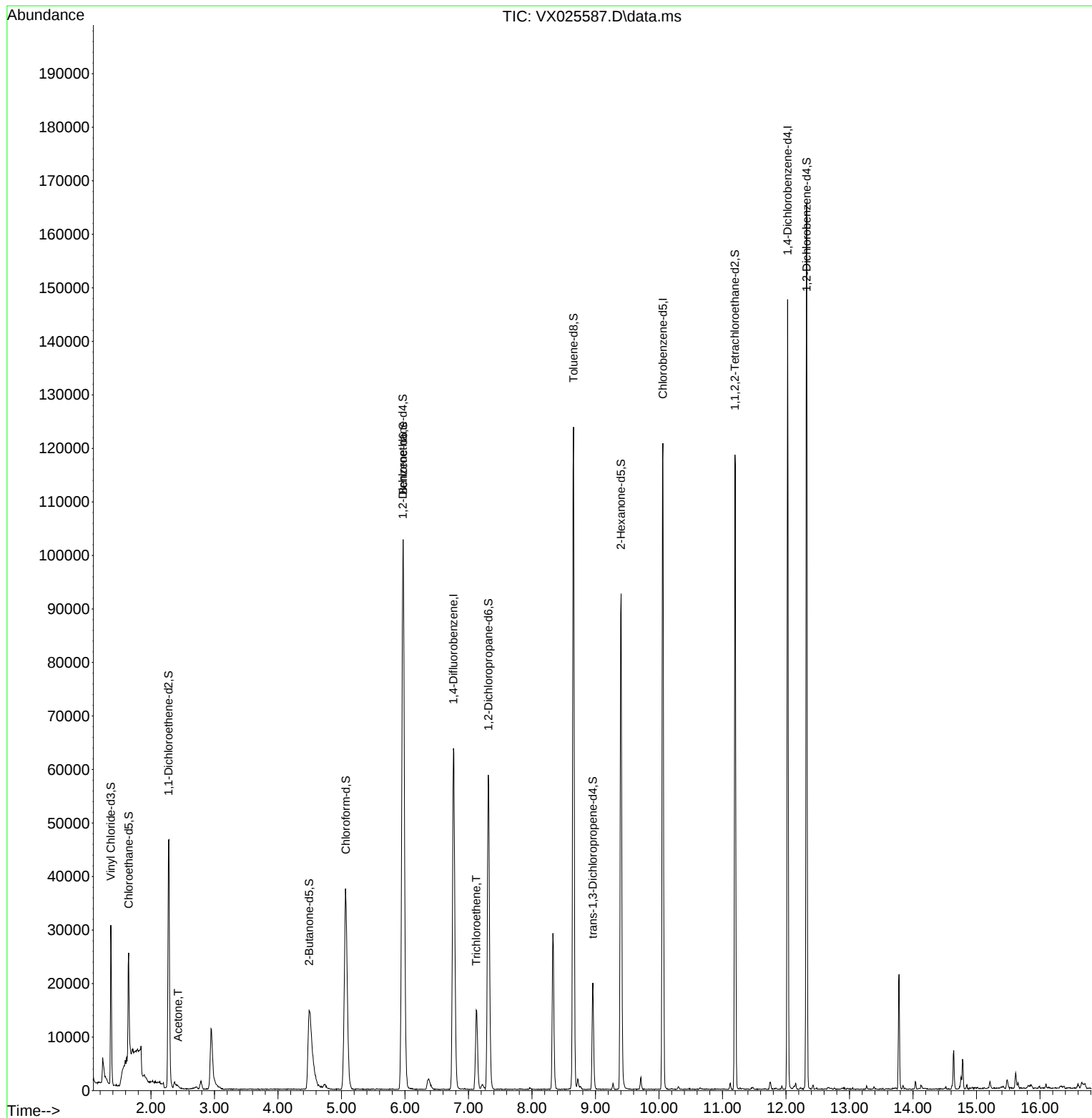
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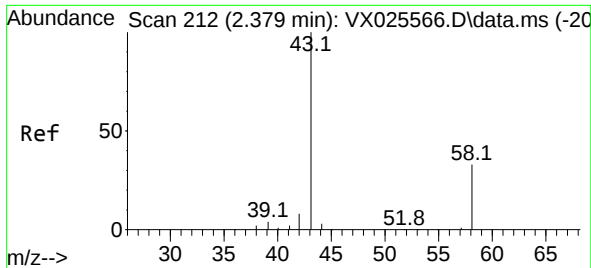
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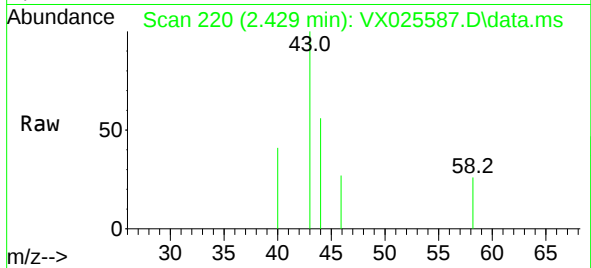
Reviewed By : John Carlone 12/08/2021  
Supervised By : Mahesh Dadoda 12/09/2021





#13  
Acetone  
Concen: 2.670 ug/L  
RT: 2.429 min Scan# 212  
Delta R.T. 0.049 min  
Lab File: VX025587.D  
Acq: 07 Dec 2021 18:36

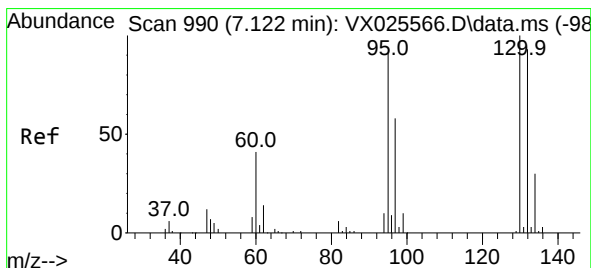
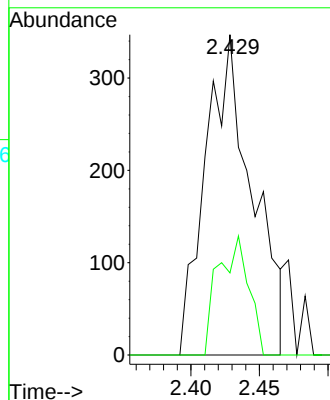
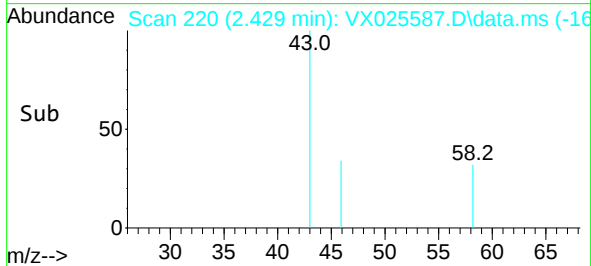
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Tgt Ion: 43 Resp: 82  
Ion Ratio Lower Upper  
43 100  
58 11.6 0.0 65.6

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#34  
Trichloroethene  
Concen: 12.319 ug/L  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX025587.D  
Acq: 07 Dec 2021 18:36

Tgt Ion: 95 Resp: 5431  
Ion Ratio Lower Upper  
95 100  
97 64.5 46.0 85.4  
132 95.2 75.0 139.2  
130 110.8 77.9 144.7

