

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042623\  
 Data File : VX035320.D  
 Acq On : 26 Apr 2023 17:53  
 Operator : JC/MD  
 Sample : 02447-03ME  
 Misc : 3.26g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW908ME

Quant Time: Apr 27 04:43:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041823WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 25 03:03:54 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 04/27/2023  
 Supervised By : Mahesh Dadoda 05/01/2023

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 471676     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 409793     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 201748     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 61082m     | 20.084   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 40.160%# |       |          |
| 7) Chloroethane-d5            | 1.673          | 69   | 45901m     | 20.886   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 41.780%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.288          | 65   | 33657      | 23.128   | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 46.260%# |       |          |
| 21) 2-Butanone-d5             | 4.489          | 46   | 125380     | 61.862   | ug/L  | 0.03     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 61.860%  |       |          |
| 24) Chloroform-d              | 5.056          | 84   | 158343     | 27.646   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 55.300%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 113142     | 30.762   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 61.520%# |       |          |
| 32) Benzene-d6                | 5.971          | 84   | 346792     | 29.460   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 58.920%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 110966     | 30.859   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 61.720%# |       |          |
| 41) Toluene-d8                | 8.647          | 98   | 315652     | 29.340   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 58.680%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 38608      | 24.568   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 49.140%# |       |          |
| 47) 2-Hexanone-d5             | 9.421          | 63   | 92104m     | 63.784   | ug/L  | 0.04     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 63.780%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.201         | 84   | 135427     | 30.753   | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 61.500%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 126032     | 32.236   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 64.480%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 35) Methylcyclohexane         | 7.373          | 83   | 3595       | 0.809    | ug/L  | 89       |
| -----                         |                |      |            |          |       |          |

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

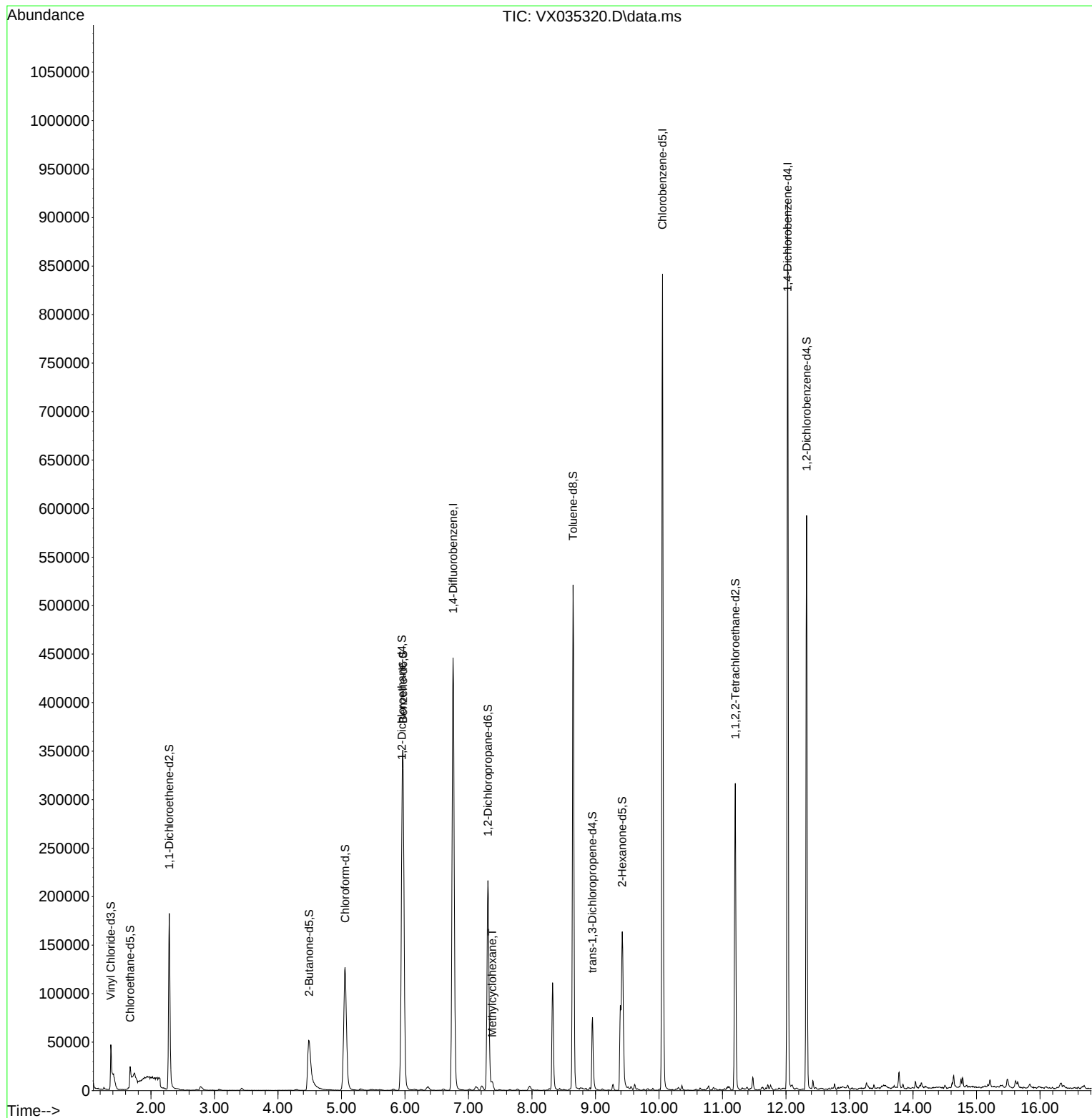
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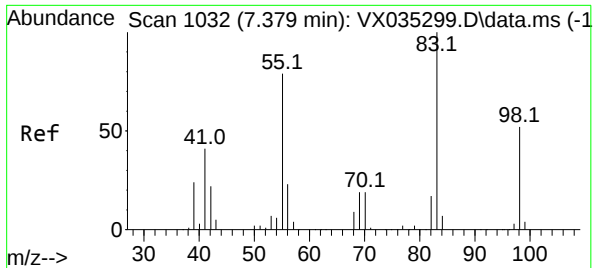
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#35  
Methylcyclohexane  
Concen: 0.809 ug/L  
RT: 7.373 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VX035320.D  
Acq: 26 Apr 2023 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW908ME

Tgt Ion: 83 Resp: 359  
Ion Ratio Lower Upper  
83 100  
55 85.5 62.2 93.2  
98 40.1 39.3 58.9

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