

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042623\  
 Data File : VX035322.D  
 Acq On : 26 Apr 2023 18:39  
 Operator : JC/MD  
 Sample : 02419-09ME  
 Misc : 5.01g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW924ME

Quant Time: Apr 27 04:43:50 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  | 393235     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 338891     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 166700     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 69424      | 27.380   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 54.760%# |       |          |
| 7) Chloroethane-d5            | 1.673          | 69   | 52262m     | 28.524   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 57.040%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.288          | 65   | 38446      | 31.689   | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 63.380%  |       |          |
| 21) 2-Butanone-d5             | 4.483          | 46   | 138556     | 82.000   | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 82.000%  |       |          |
| 24) Chloroform-d              | 5.056          | 84   | 185565     | 38.862   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 77.720%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 130621     | 42.598   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.200%  |       |          |
| 32) Benzene-d6                | 5.964          | 84   | 398816     | 40.967   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.940%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 128406     | 43.180   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 86.360%  |       |          |
| 41) Toluene-d8                | 8.647          | 98   | 357721     | 40.206   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 80.420%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 45293      | 34.853   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.700%  |       |          |
| 47) 2-Hexanone-d5             | 9.421          | 63   | 107024m    | 89.623   | ug/L  | 0.04     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 89.620%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.201         | 84   | 160526     | 44.078   | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 88.160%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 143145     | 44.311   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 88.620%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 46) Tetrachloroethene         | 9.269          | 164  | 1775       | 0.873    | ug/L  | 89       |
| -----                         |                |      |            |          |       |          |

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

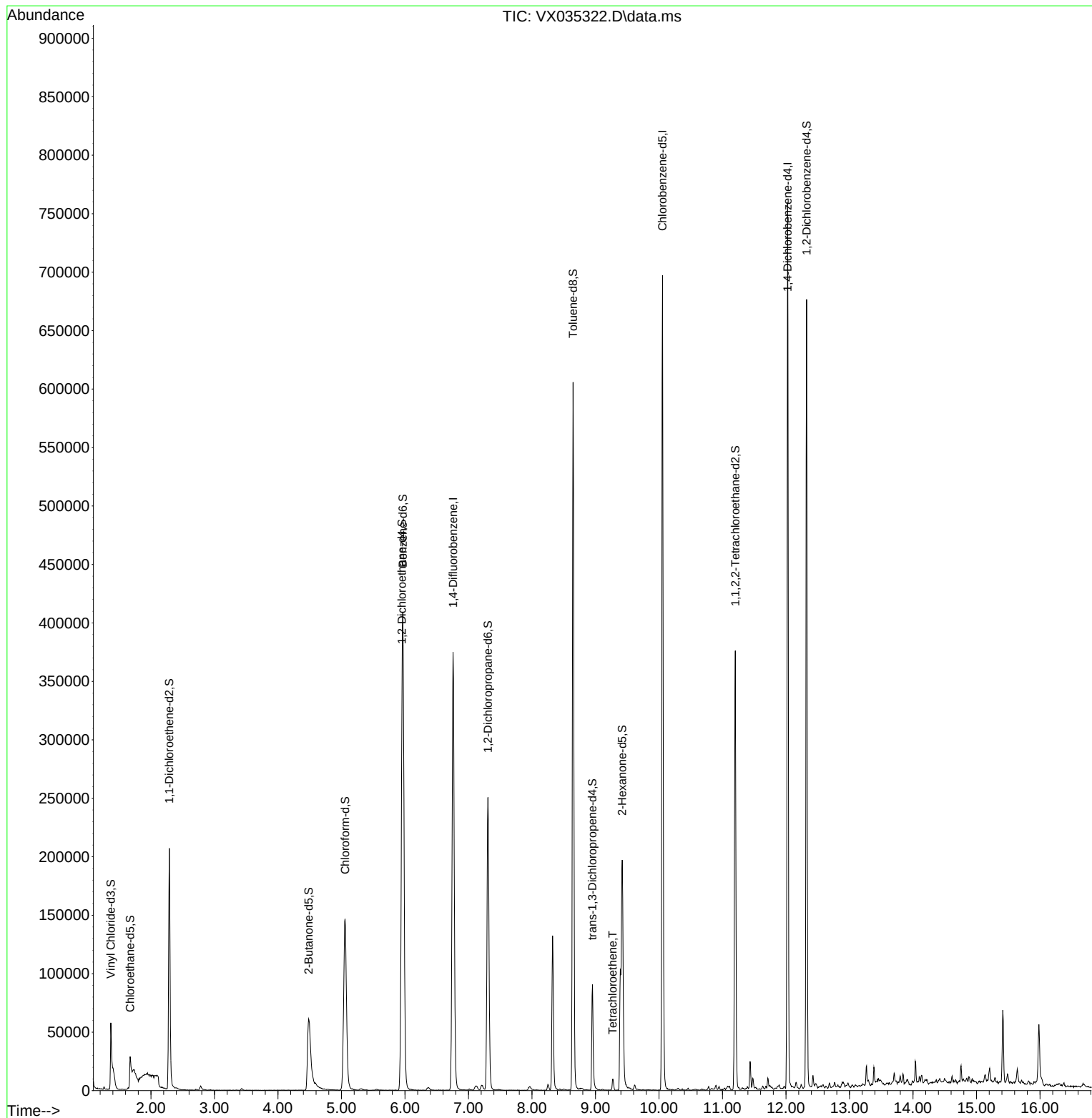
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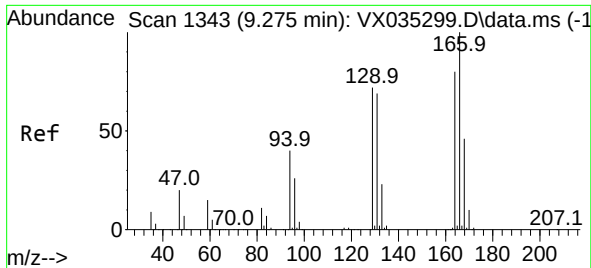
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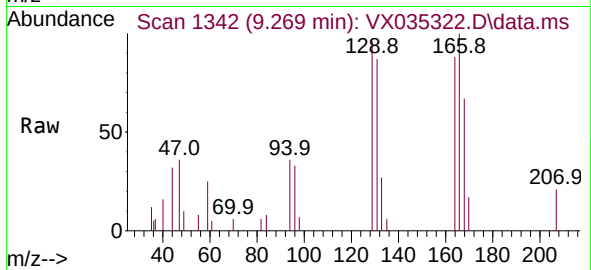
Reviewed By :John Carlone 04/27/2023  
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#46  
Tetrachloroethene  
Concen: 0.873 ug/L  
RT: 9.269 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035322.D  
Acq: 26 Apr 2023 18:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
EW924ME



Tgt Ion:164 Resp: 1779  
Ion Ratio Lower Upper  
164 100  
129 108.3 66.1 122.8  
131 98.0 65.0 120.8  
166 113.3 88.6 164.6

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