

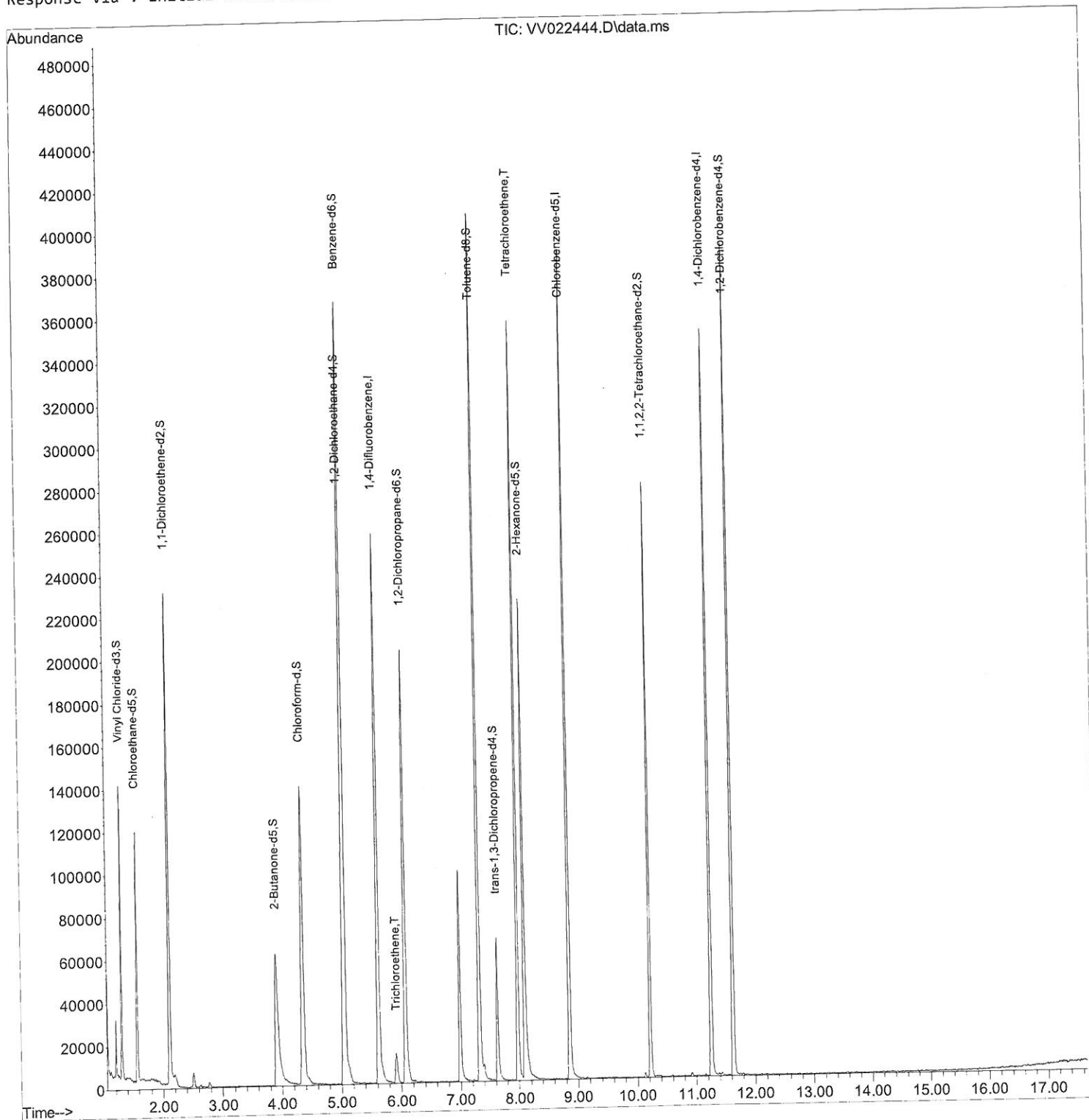
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV093021\  
Data File : VV022444.D  
Acq On : 30 Sep 2021 20:07  
Operator : SY/MD  
Sample : M3979-04DL 4X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F4A45DL

Manual Integrations  
APPROVED

MMDadoda  
10/1/2021 11:50:56 AM

Quant Time: Oct 01 02:44:40 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Oct 01 02:38:11 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

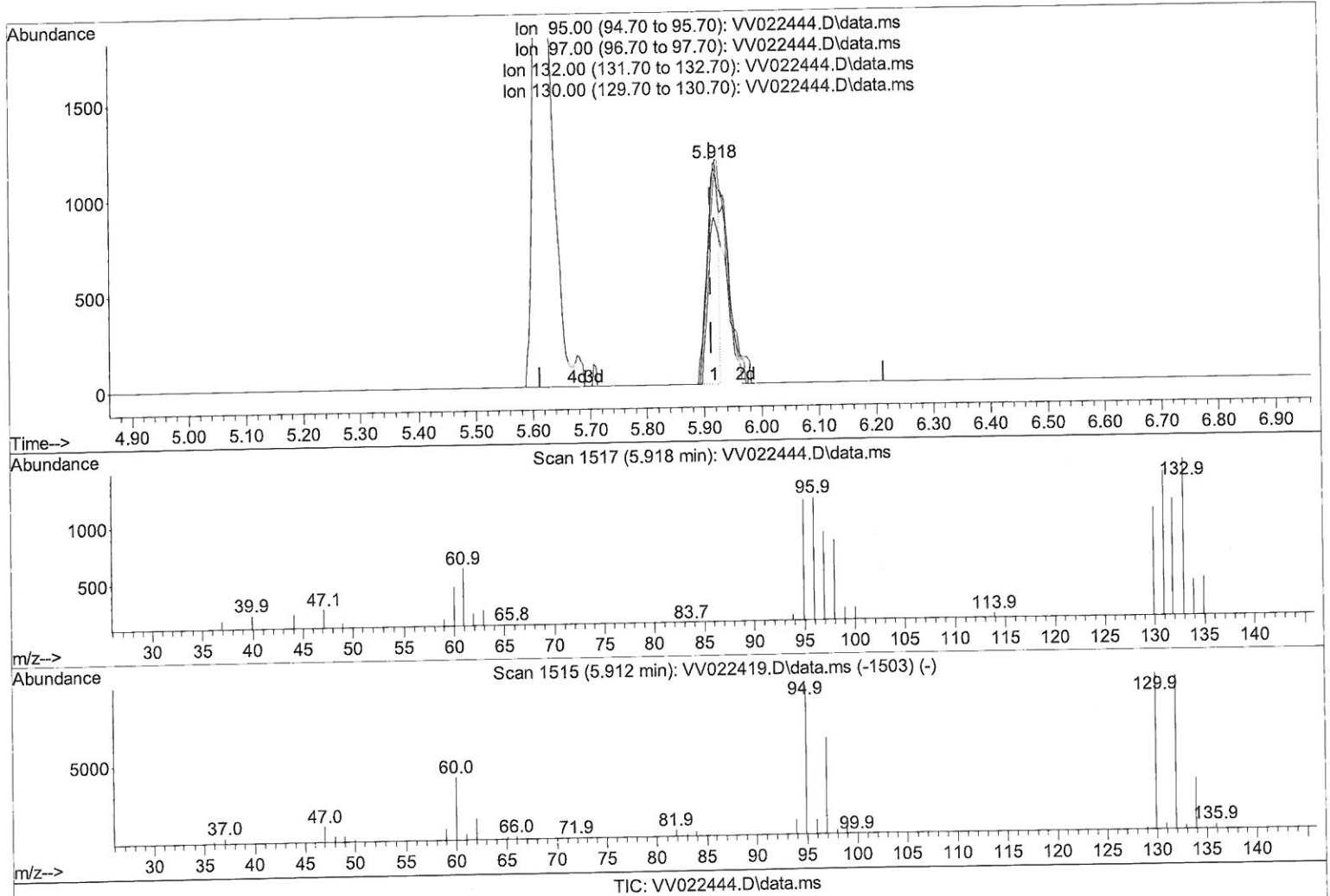
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(34) Trichloroethene (T)

5.918min (+ 0.006) 0.89 ug/L

response 1576

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 95.00  | 100.00 | 100.00 |
| 97.00  | 64.60  | 75.37  |
| 132.00 | 101.40 | 97.33  |
| 130.00 | 105.30 | 90.87  |

# Quantitation Report (Qedit)

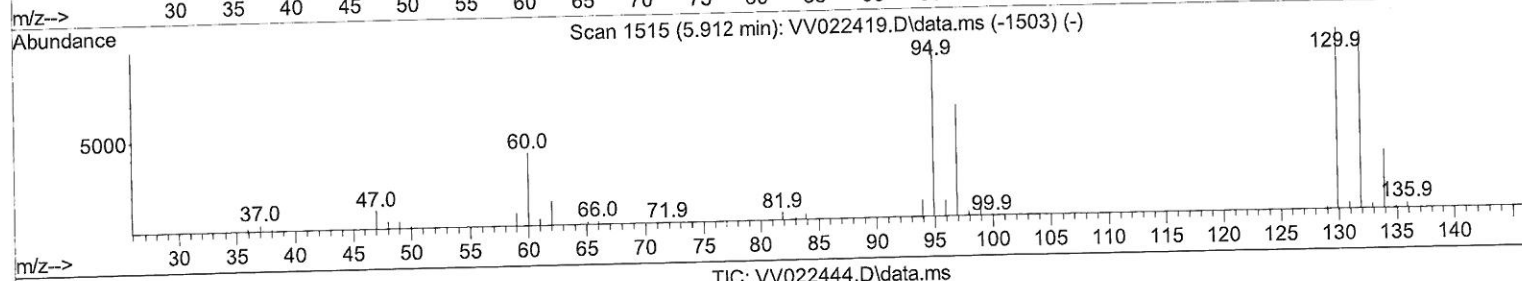
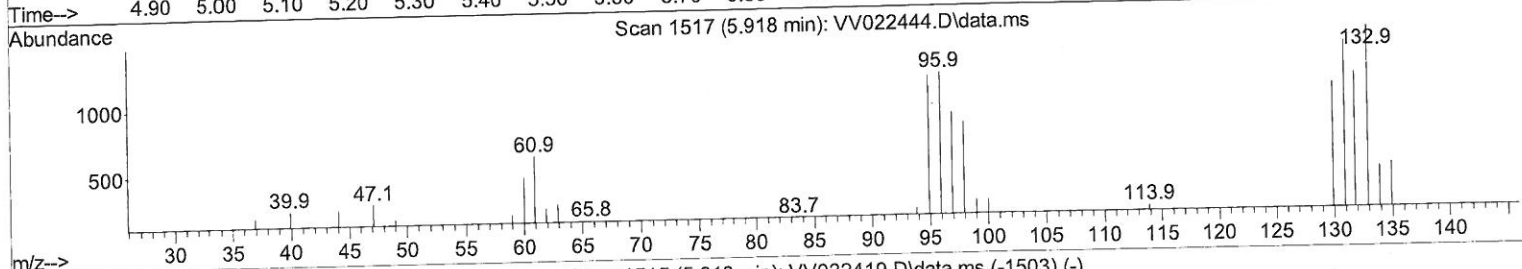
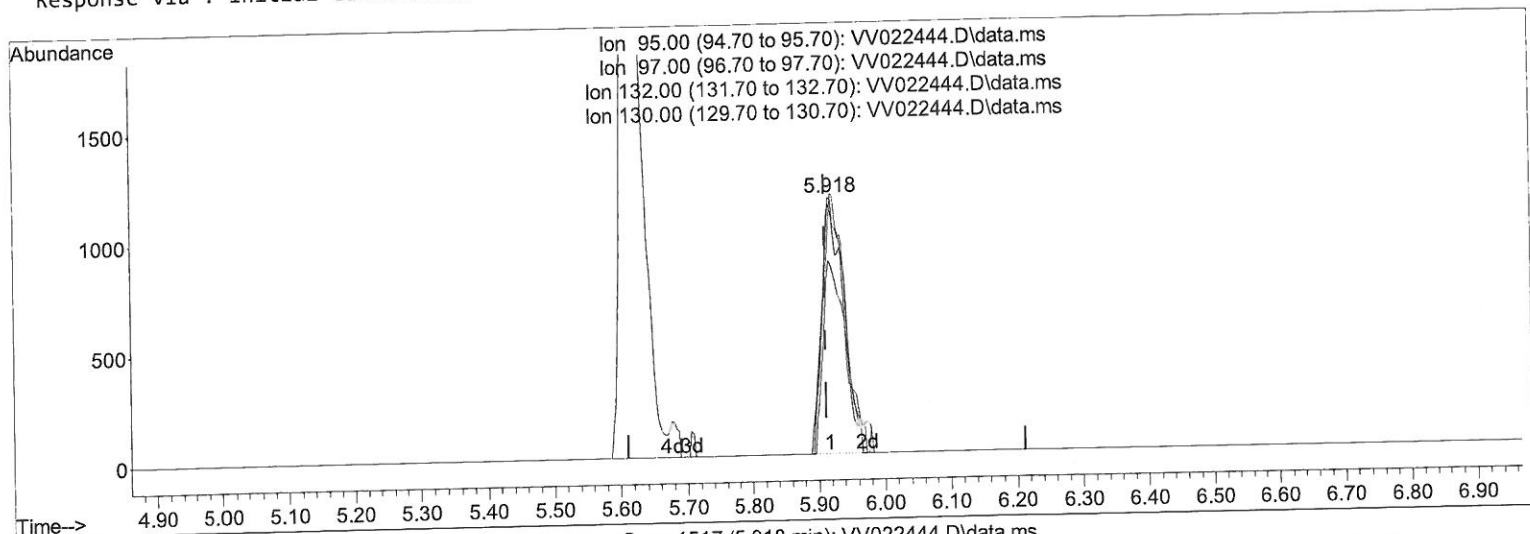
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 QLast Update : Fri Oct 01 02:38:11 2021  
 Response via : Initial Calibration



(34) Trichloroethene (T)

5.918min (+ 0.006) 1.47 ug/L m

response 2606

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 95.00  | 100.00 | 100.00 |
| 97.00  | 64.60  | 75.37  |
| 132.00 | 101.40 | 97.33  |
| 130.00 | 105.30 | 90.87  |

*MD*  
*10/1/21*

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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

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| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 233785     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.853          | 117  | 226305     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 96591      | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 86771      | 43.735  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 87.460% |       |          |
| 7) Chloroethane-d5            | 1.564          | 69   | 69988      | 44.599  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 89.200% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.104          | 63   | 117599     | 34.092  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 68.180% |       |          |
| 21) 2-Butanone-d5             | 3.902          | 46   | 128548     | 91.807  | ug/L  | 0.03     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 91.810% |       |          |
| 24) Chloroform-d              | 4.349          | 84   | 146185     | 40.804  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.600% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 92937      | 42.302  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.600% |       |          |
| 32) Benzene-d6                | 5.050          | 84   | 322253     | 45.264  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.520% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 101719     | 44.660  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 89.320% |       |          |
| 41) Toluene-d8                | 7.317          | 98   | 279480     | 42.889  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.780% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 41057      | 39.476  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.960% |       |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 79015      | 85.378  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 85.380% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 133517     | 40.384  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 80.760% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 105251     | 49.003  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.000% |       |          |
| Target Compounds              |                |      |            |         |       |          |
| 34) Trichloroethene           | 5.918          | 95   | 2606m      | 1.467   | ug/L  | Qvalue   |
| 46) Tetrachloroethene         | 7.976          | 164  | 83217      | 56.905  | ug/L  | 97       |

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