

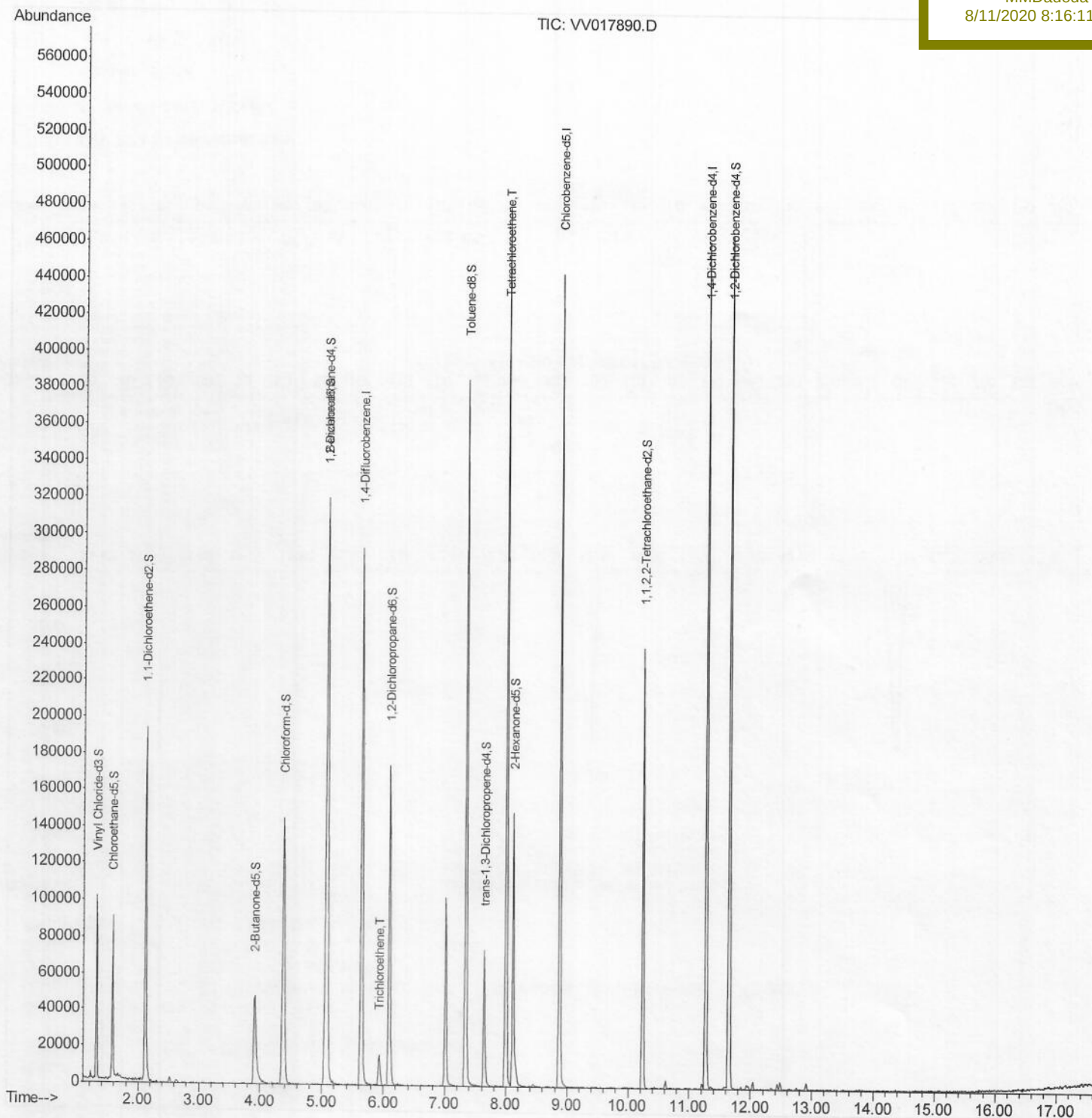
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\  
Data File : VV017890.D  
Acq On : 10 Aug 2020 12:00  
Operator : SY/MD  
Sample : L3564-01DL 400X  
Misc : 6.56g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 11 01:29:46 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM080820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Aug 11 01:17:50 2020  
Response via : Initial Calibration

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFSM8DL

Manual Integrations  
APPROVED

MMDadoda  
8/11/2020 8:16:11 AM



# Quantitation Report (Qedit)

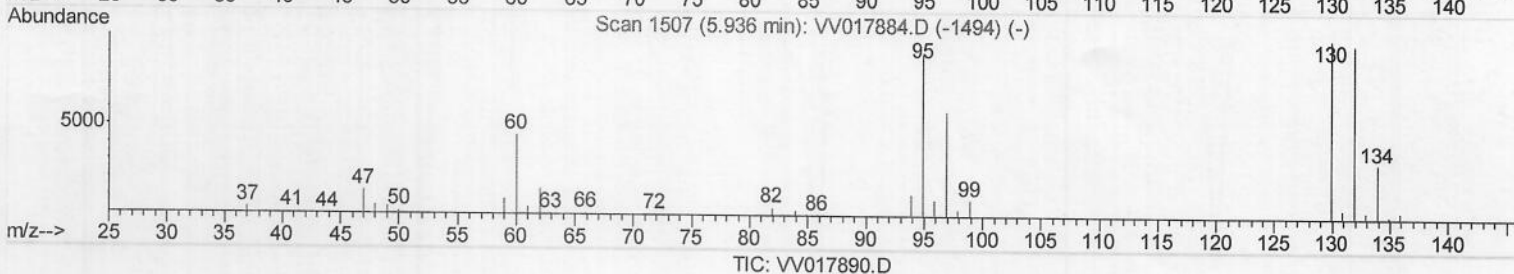
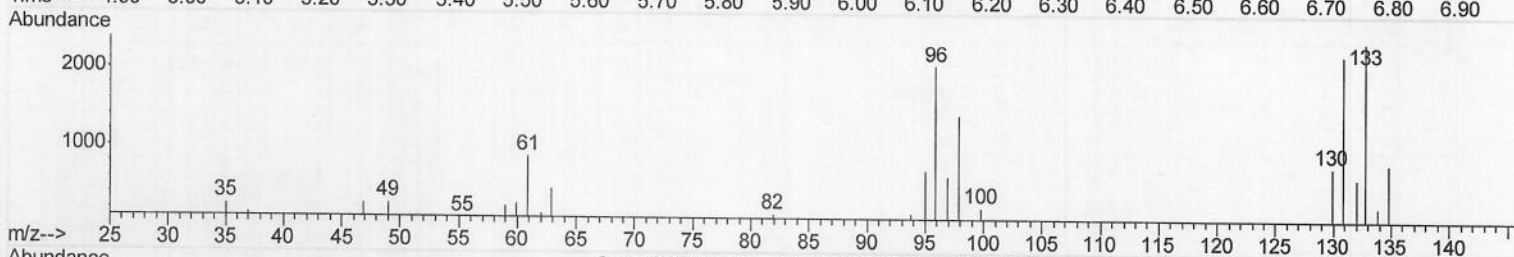
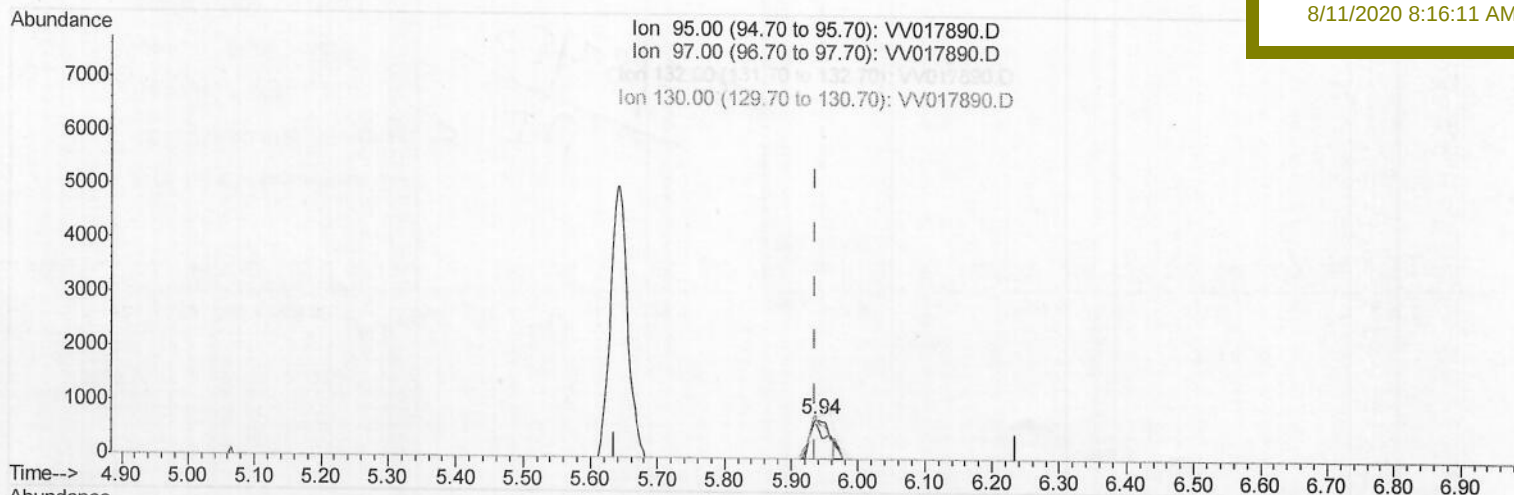
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 Operator : SY/MD  
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 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 11 01:19:35 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM080820WMA.M  
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(34) Trichloroethene (T)

5.936min (-0.000) 0.82ug/L

response 1378

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 95.00  | 100    | 100    |
| 97.00  | 63.90  | 88.86# |
| 132.00 | 105.20 | 89.13  |
| 130.00 | 110.80 | 108.39 |

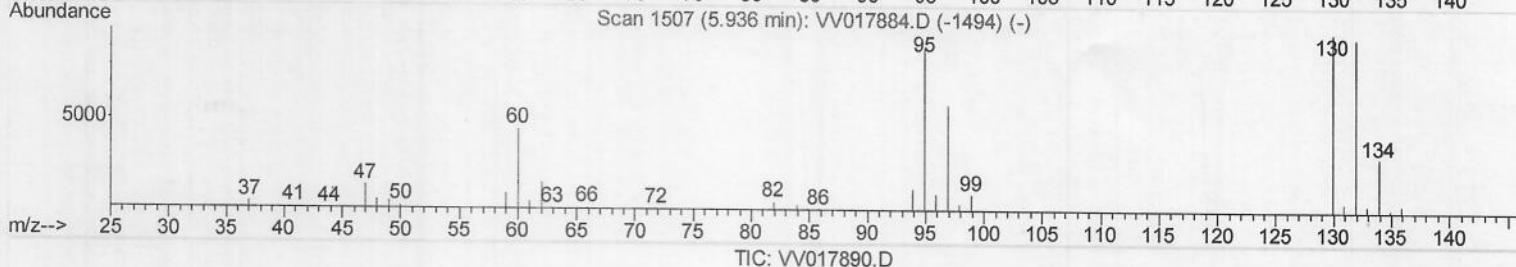
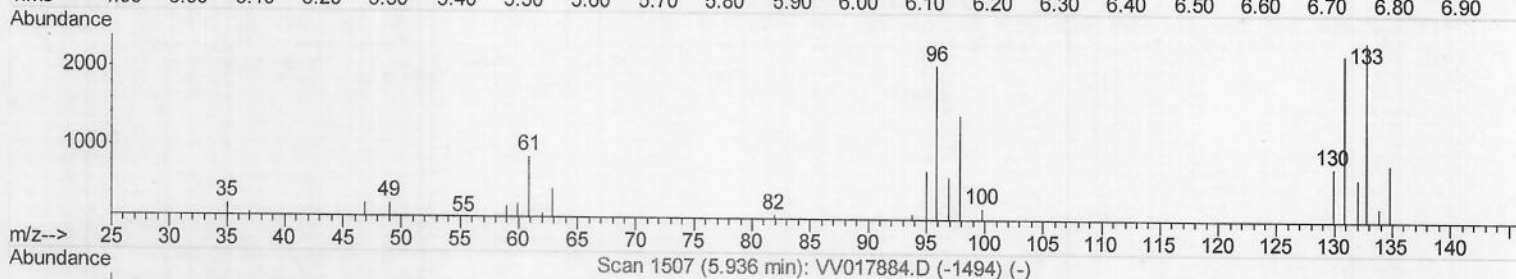
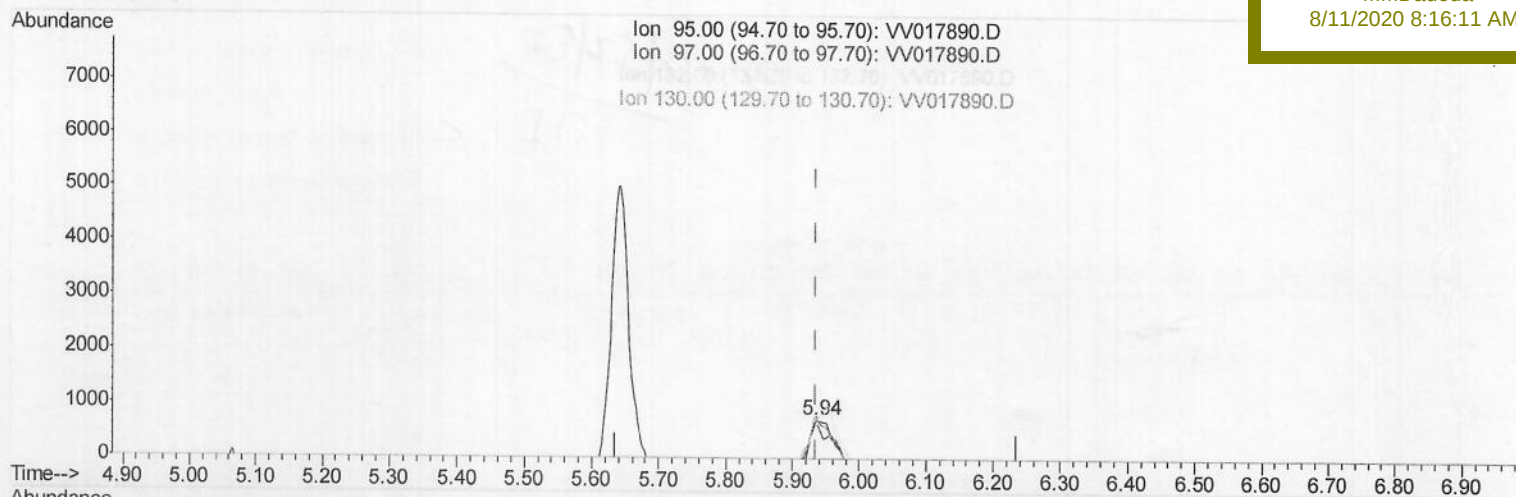
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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFSM8DL

Manual Integrations  
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 8/11/2020 8:16:11 AM



(34) Trichloroethene (T)

5.936min (-0.000) 0.92ug/L m ->

response 1545

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 95.00  | 100    | 100    |
| 97.00  | 63.90  | 88.86# |
| 132.00 | 105.20 | 89.13  |
| 130.00 | 110.80 | 108.39 |

MD  
 08/11/20

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Manual Integrations  
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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 249602   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 236275   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 124127   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |        |      |      |
|--------------------------------|----------------|-----|------------|--------|------|------|
| 4) Vinyl Chloride-d3           | 1.31           | 65  | 56458      | 43.80  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 87.60% |      |      |
| 7) Chloroethane-d5             | 1.58           | 69  | 49749      | 45.43  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 90.86% |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.12           | 63  | 99273      | 32.05  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 64.10% |      |      |
| 21) 2-Butanone-d5              | 3.91           | 46  | 75615      | 93.68  | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 93.68% |      |      |
| 24) Chloroform-d               | 4.38           | 84  | 147595     | 43.67  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 87.34% |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.06           | 65  | 115270     | 46.94  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 93.88% |      |      |
| 32) Benzene-d6                 | 5.07           | 84  | 254691     | 46.68  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 93.36% |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.09           | 67  | 64212      | 46.42  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 92.84% |      |      |
| 41) Toluene-d8                 | 7.34           | 98  | 250563     | 45.69  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 91.38% |      |      |
| 43) trans-1,3-Dichloropropene- | 7.64           | 79  | 41162      | 46.21  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 92.42% |      |      |
| 47) 2-Hexanone-d5              | 8.11           | 63  | 44120      | 88.06  | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 88.06% |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24          | 84  | 95116      | 44.11  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 88.22% |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.65          | 152 | 119388     | 47.18  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 94.36% |      |      |

## Target Compounds

| Target Compounds      | R.T. | QIon | Response | Conc   | Units | Ovalue |
|-----------------------|------|------|----------|--------|-------|--------|
| 34) Trichloroethene   | 5.94 | 95   | 1545m →  | 0.915  | ug/L  |        |
| 46) Tetrachloroethene | 8.00 | 164  | 106657   | 67.035 | ug/L  | 99     |

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

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