

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120921\  
 Data File : VU046216.D  
 Acq On : 09 Dec 2021 13:40  
 Operator : SY/MD  
 Sample : M4887-12MEDL 20X  
 Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EX8A7MEDL

Quant Time: Dec 10 03:44:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 03 05:08:36 2021  
 Response via : Initial Calibration

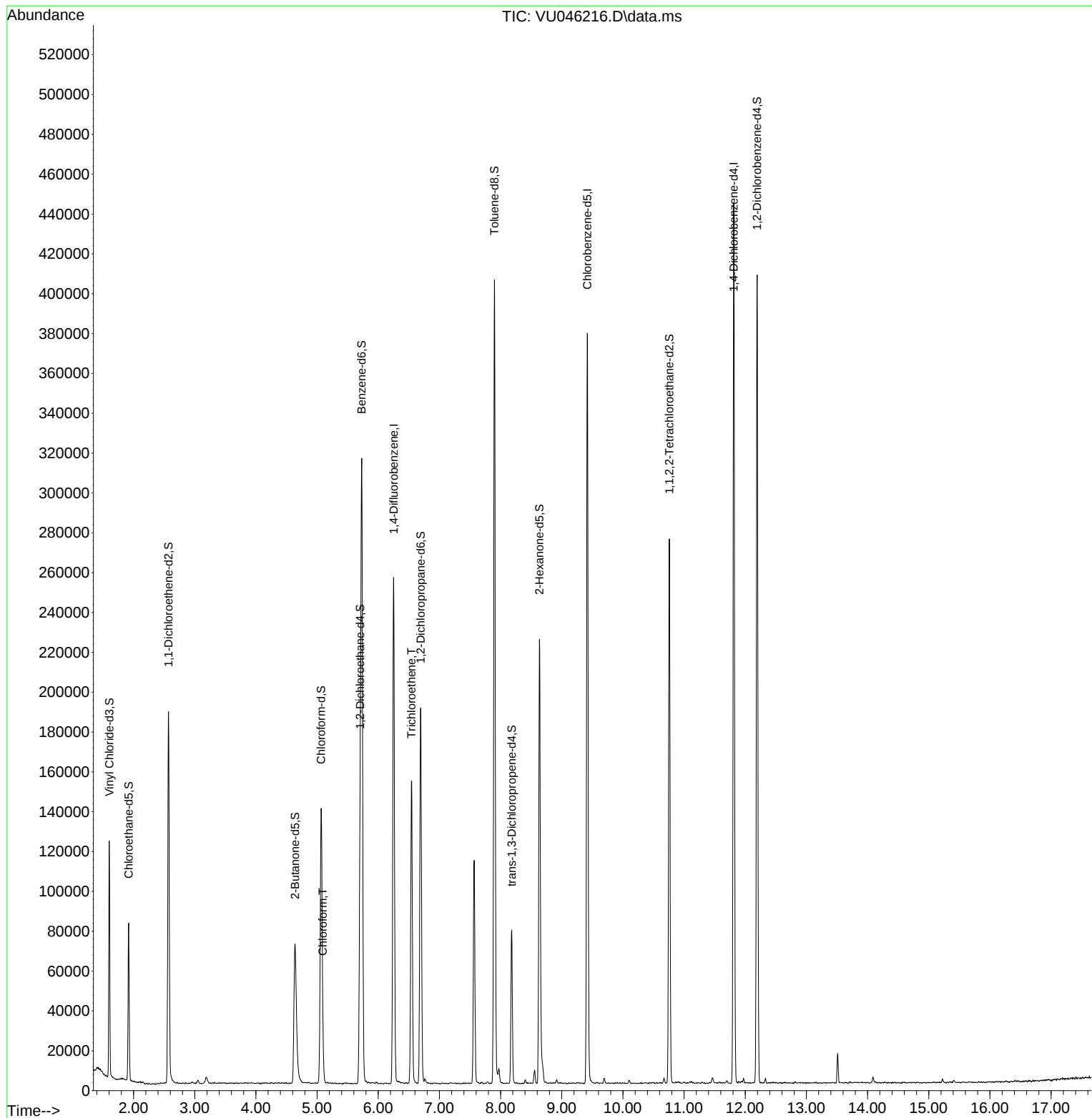
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.253          | 114  | 213679     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 218193     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 117503     | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.604          | 65   | 84544      | 48.032  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 96.060% |        |          |
| 7) Chloroethane-d5            | 1.919          | 69   | 58086      | 42.980  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 85.960% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.572          | 63   | 110463     | 34.958  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 69.920% |        |          |
| 21) 2-Butanone-d5             | 4.639          | 46   | 122877     | 87.816  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 87.820% |        |          |
| 24) Chloroform-d              | 5.067          | 84   | 127125     | 43.249  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.500% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.703          | 65   | 89586      | 45.414  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.820% |        |          |
| 32) Benzene-d6                | 5.729          | 84   | 296784     | 47.457  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.920% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.694          | 67   | 90208      | 46.543  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.080% |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 272647     | 47.883  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.760% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 45317      | 48.436  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.880% |        |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 85076      | 92.579  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 92.580% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 134887     | 45.891  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 91.780% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 107565     | 47.534  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 95.060% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 25) Chloroform                | 5.092          | 83   | 12989      | 4.112   | ug/L   | 98       |
| 34) Trichloroethene           | 6.542          | 95   | 51556      | 29.634  | ug/L   | 98       |
| -----                         |                |      |            |         |        |          |

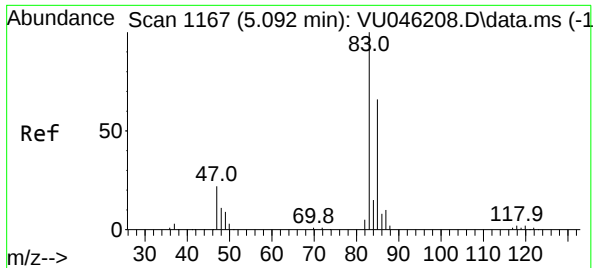
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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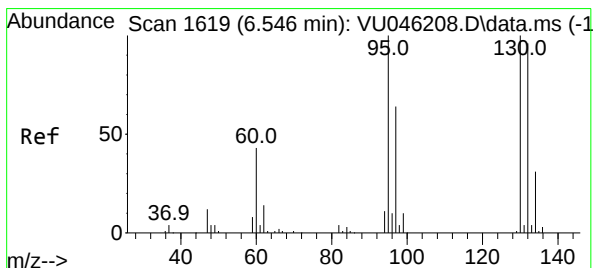
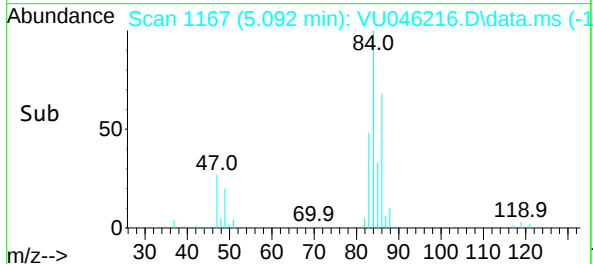
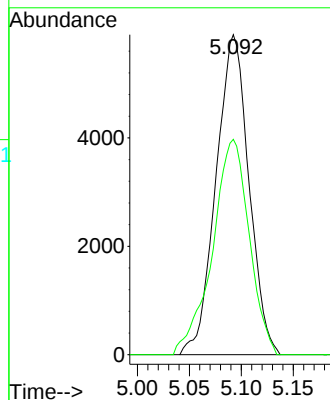
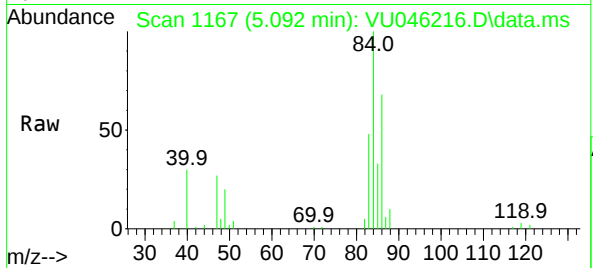




#25  
Chloroform  
Concen: 4.112 ug/L  
RT: 5.092 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: VU046216.D  
Acq: 09 Dec 2021 13:40

Instrument :  
MSVOA\_U  
ClientSampleId :  
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Tgt Ion: 83 Resp: 12989  
Ion Ratio Lower Upper  
83 100  
85 67.3 45.8 85.2



#34  
Trichloroethene  
Concen: 29.634 ug/L  
RT: 6.542 min Scan# 1618  
Delta R.T. -0.003 min  
Lab File: VU046216.D  
Acq: 09 Dec 2021 13:40

Tgt Ion: 95 Resp: 51556  
Ion Ratio Lower Upper  
95 100  
97 65.0 44.1 81.9  
132 94.2 66.8 124.0  
130 99.9 69.0 128.1

