

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061424\  
 Data File : VU059251.D  
 Acq On : 14 Jun 2024 16:34  
 Operator : MD/SY  
 Sample : P2798-03ME  
 Misc : 5.39g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHB14ME

Quant Time: Jun 15 02:52:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 15 02:48:14 2024  
 Response via : Initial Calibration

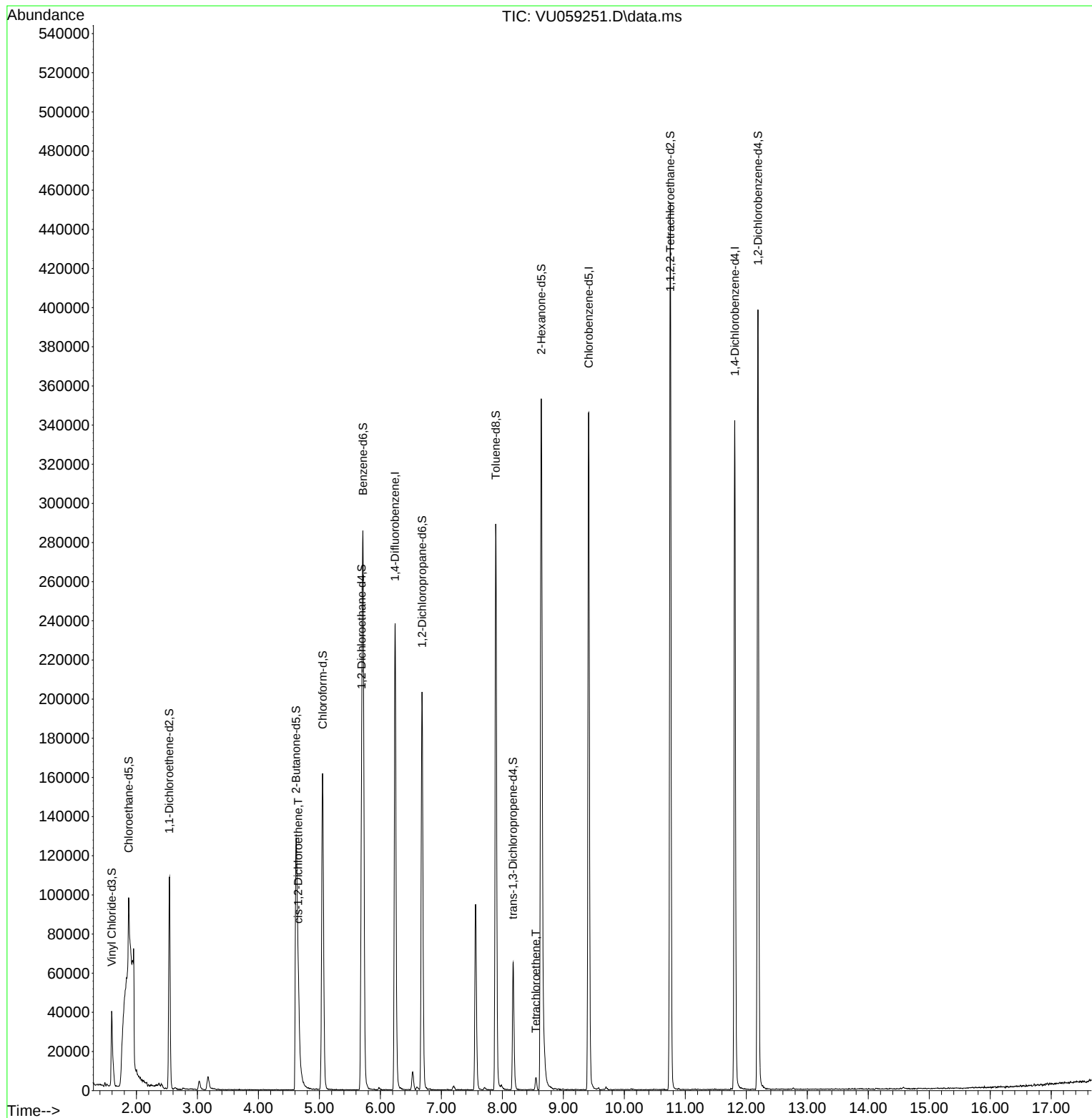
| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 6.238          | 114  | 193972     | 50.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415          | 117  | 200952     | 50.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811         | 152  | 92564      | 50.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 1.592          | 65   | 42236      | 36.367    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 72.740%   |       |          |
| 7) Chloroethane-d5            | 1.872          | 69   | 34913      | 35.093    | ug/L  | -0.04    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 70.180%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.538          | 63   | 66426      | 28.976    | ug/L  | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 57.960%#  |       |          |
| 21) 2-Butanone-d5             | 4.618          | 46   | 229883     | 209.999   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 210.000%# |       |          |
| 24) Chloroform-d              | 5.052          | 84   | 153762     | 66.506    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 133.020%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.692          | 65   | 100386     | 70.841    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 141.680%# |       |          |
| 32) Benzene-d6                | 5.714          | 84   | 255256     | 55.344    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 110.680%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.682          | 67   | 105240     | 66.178    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 132.360%# |       |          |
| 41) Toluene-d8                | 7.891          | 98   | 198383     | 50.669    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.340%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 40239      | 62.599    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 125.200%# |       |          |
| 47) 2-Hexanone-d5             | 8.637          | 63   | 145714     | 198.147   | ug/L  | 0.01     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 198.150%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753         | 84   | 238373     | 88.568    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 177.140%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190         | 152  | 107290     | 77.669    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 155.340%# |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      |            |           |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 4.653          | 96   | 9491       | 5.630     | ug/L  | 95       |
| 46) Tetrachloroethene         | 8.550          | 164  | 1582       | 1.337     | ug/L  | 89       |
| -----                         |                |      |            |           |       |          |

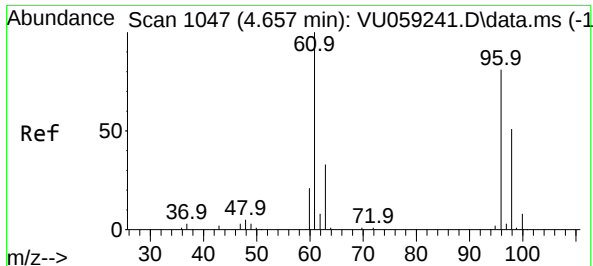
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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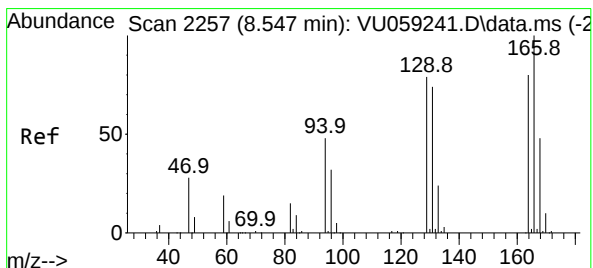
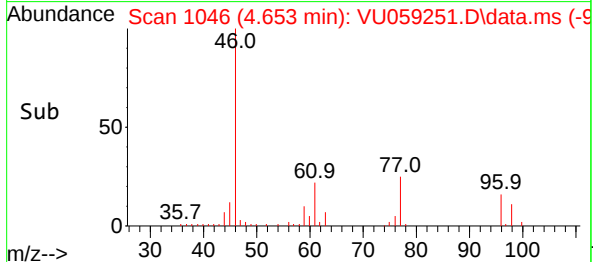
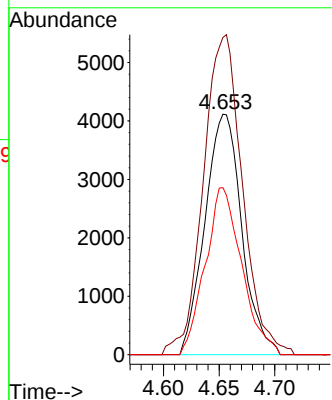
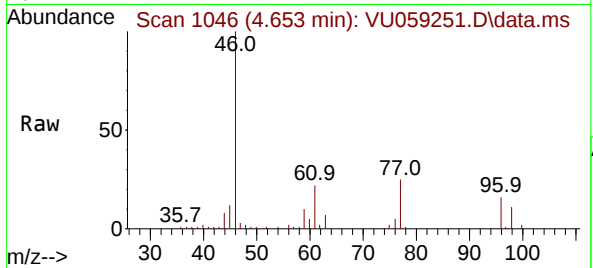




#20  
cis-1,2-Dichloroethene  
Concen: 5.630 ug/L  
RT: 4.653 min Scan# 1046  
Delta R.T. -0.004 min  
Lab File: VU059251.D  
Acq: 14 Jun 2024 16:34

Instrument :  
MSVOA\_U  
ClientSampleId :  
BHB14ME

Tgt Ion: 96 Resp: 9491  
Ion Ratio Lower Upper  
96 100  
61 131.9 96.2 178.6  
98 69.5 45.6 84.6



#46  
Tetrachloroethene  
Concen: 1.337 ug/L  
RT: 8.550 min Scan# 2258  
Delta R.T. 0.003 min  
Lab File: VU059251.D  
Acq: 14 Jun 2024 16:34

Tgt Ion: 164 Resp: 1582  
Ion Ratio Lower Upper  
164 100  
129 88.2 74.5 138.5  
131 85.5 70.6 131.0  
166 140.3 95.1 176.7

