

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061424\  
 Data File : VU059254.D  
 Acq On : 14 Jun 2024 17:43  
 Operator : MD/SY  
 Sample : P2850-09ME  
 Misc : 5.32g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHB10ME

Quant Time: Jun 15 02:53:30 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

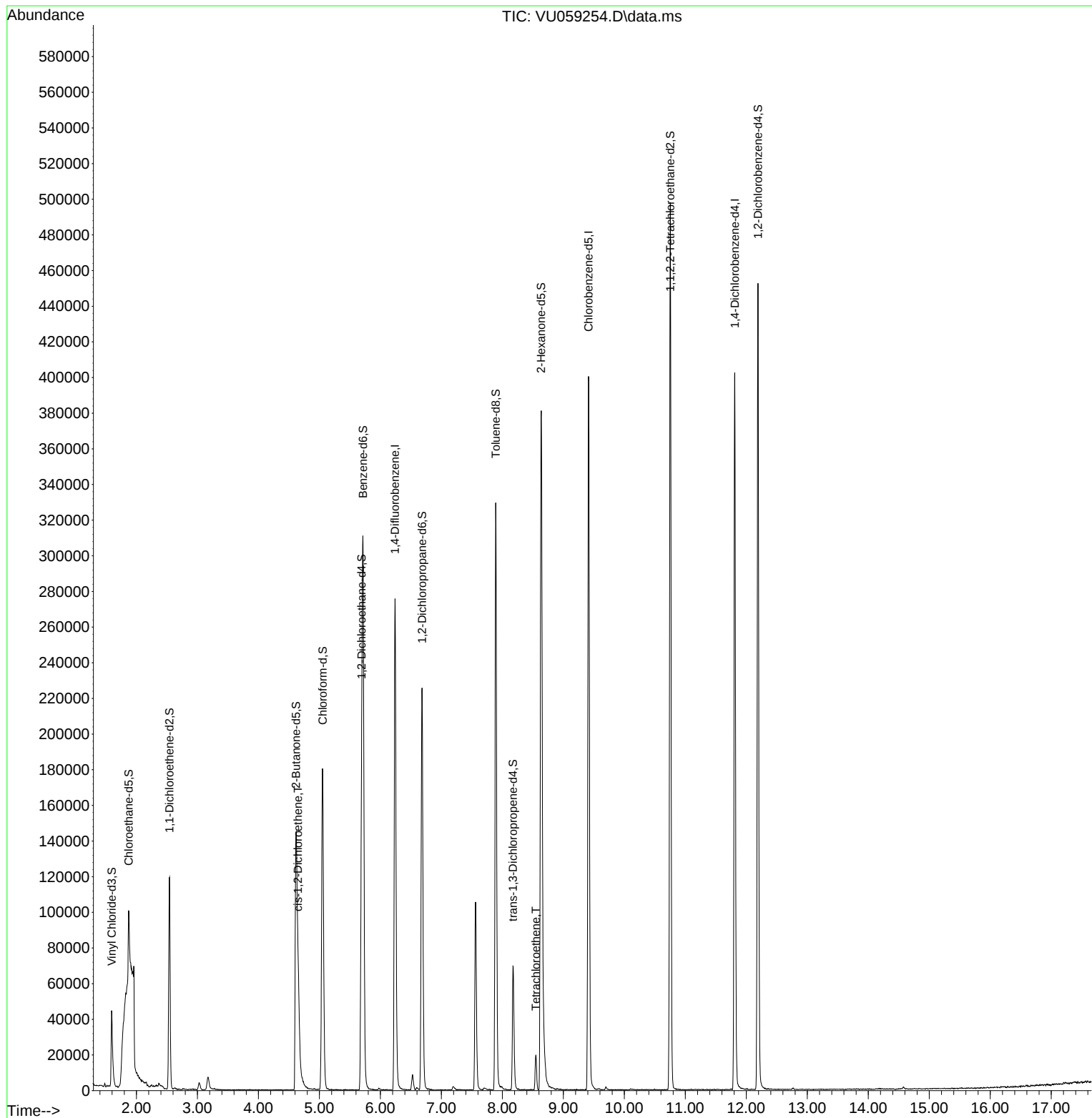
| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 6.239          | 114  | 229566     | 50.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 233505     | 50.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811         | 152  | 107242     | 50.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 1.593          | 65   | 45215      | 32.895    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 65.800%   |       |          |
| 7) Chloroethane-d5            | 1.872          | 69   | 38355      | 32.575    | ug/L  | -0.04    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 65.160%#  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.541          | 63   | 73496      | 27.089    | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 54.180%#  |       |          |
| 21) 2-Butanone-d5             | 4.615          | 46   | 251586     | 194.191   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 194.190%# |       |          |
| 24) Chloroform-d              | 5.052          | 84   | 171263     | 62.590    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 125.180%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.692          | 65   | 108556     | 64.729    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 129.460%# |       |          |
| 32) Benzene-d6                | 5.715          | 84   | 282470     | 52.706    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 105.420%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.682          | 67   | 115823     | 62.679    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 125.360%# |       |          |
| 41) Toluene-d8                | 7.891          | 98   | 223774     | 49.186    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.380%   |       |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 43830      | 58.679    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 117.360%  |       |          |
| 47) 2-Hexanone-d5             | 8.634          | 63   | 163818     | 191.710   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 191.710%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753         | 84   | 263768     | 84.341    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 168.680%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190         | 152  | 117870     | 73.650    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 147.300%# |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      |            |           |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 4.650          | 96   | 13486      | 6.760     | ug/L  | 93       |
| 46) Tetrachloroethene         | 8.547          | 164  | 4708       | 3.424     | ug/L  | 90       |
| -----                         |                |      |            |           |       |          |

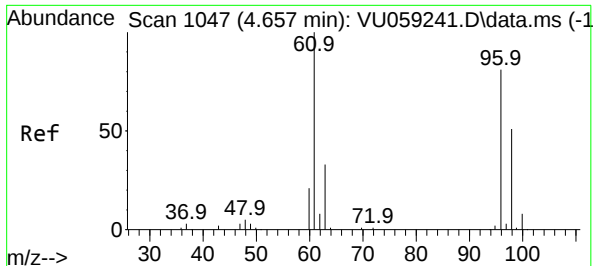
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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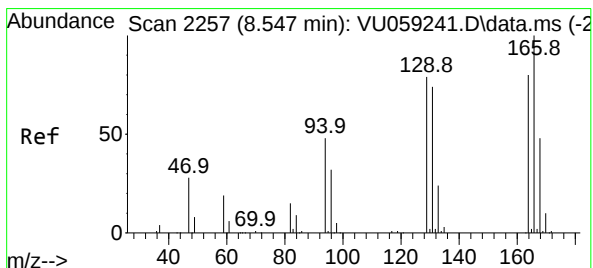
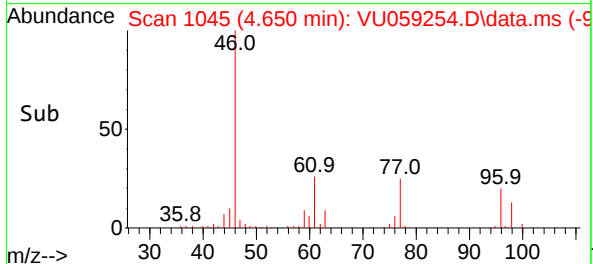
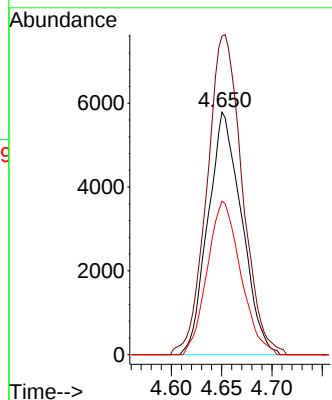
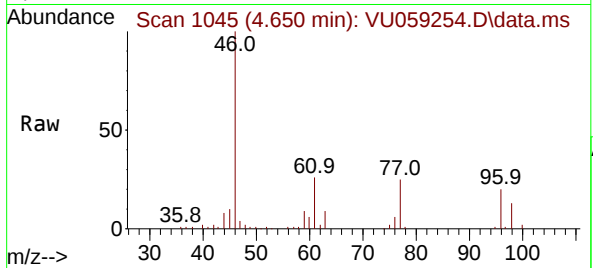




#20  
cis-1,2-Dichloroethene  
Concen: 6.760 ug/L  
RT: 4.650 min Scan# 1045  
Delta R.T. -0.007 min  
Lab File: VU059254.D  
Acq: 14 Jun 2024 17:43

Instrument :  
MSVOA\_U  
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Tgt Ion: 96 Resp: 13486  
Ion Ratio Lower Upper  
96 100  
61 127.0 96.2 178.6  
98 61.2 45.6 84.6



#46  
Tetrachloroethene  
Concen: 3.424 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.000 min  
Lab File: VU059254.D  
Acq: 14 Jun 2024 17:43

Tgt Ion:164 Resp: 4708  
Ion Ratio Lower Upper  
164 100  
129 92.6 74.5 138.5  
131 83.9 70.6 131.0  
166 132.9 95.1 176.7

