

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052924\  
 Data File : VU059062.D  
 Acq On : 29 May 2024 19:32  
 Operator : MD/SY  
 Sample : P2590-01ME  
 Misc : 4.52g/5.0mL/100ul/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 30 02:31:23 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 30 00:34:31 2024  
 Response via : Initial Calibration

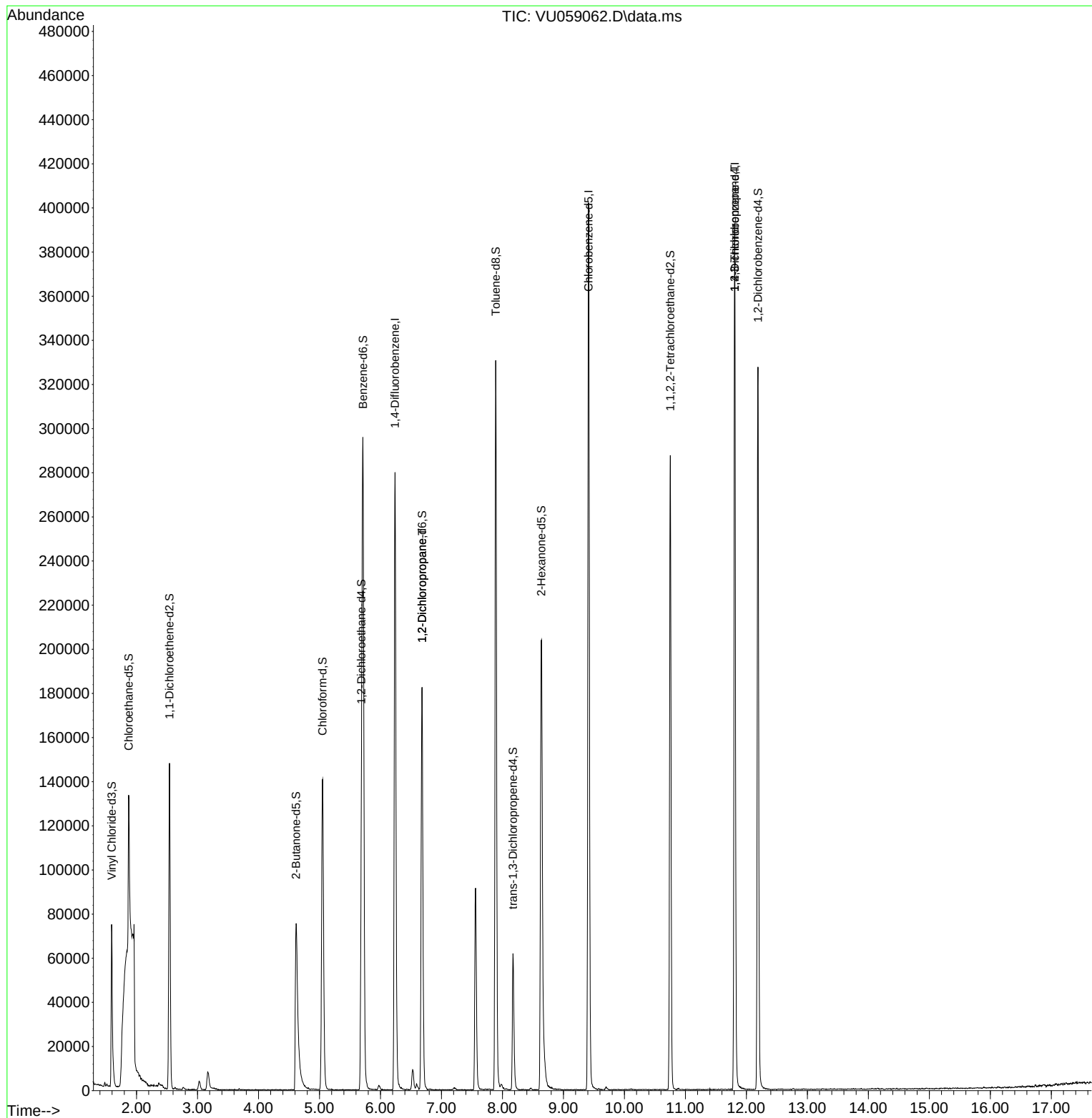
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.238          | 114  | 225142     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 228315     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810         | 152  | 101892     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592          | 65   | 66088      | 49.026   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 98.060%  |        |          |
| 7) Chloroethane-d5            | 1.872          | 69   | 55591      | 48.142   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 96.280%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.541          | 63   | 90406      | 33.977   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 67.960%  |        |          |
| 21) 2-Butanone-d5             | 4.618          | 46   | 141229     | 111.152  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 111.150% |        |          |
| 24) Chloroform-d              | 5.049          | 84   | 134155     | 49.992   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 99.980%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.689          | 65   | 87977      | 53.489   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 106.980% |        |          |
| 32) Benzene-d6                | 5.714          | 84   | 265065     | 50.583   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.160% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.682          | 67   | 91353      | 50.561   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 101.120% |        |          |
| 41) Toluene-d8                | 7.891          | 98   | 224756     | 50.525   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.040% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 37263      | 51.021   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 102.040% |        |          |
| 47) 2-Hexanone-d5             | 8.637          | 63   | 87446      | 104.661  | ug/L   | 0.01     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 104.660% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753         | 84   | 153142     | 50.081   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 100.160% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190         | 152  | 83352      | 54.816   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 109.640% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 37) 1,2-Dichloropropane       | 6.682          | 63   | 9561       | 4.084    | ug/L # | 90       |
| 60) 1,2,3-Trichloropropane    | 11.807         | 75   | 13443      | 4.744    | ug/L # | 69       |
| -----                         |                |      |            |          |        |          |

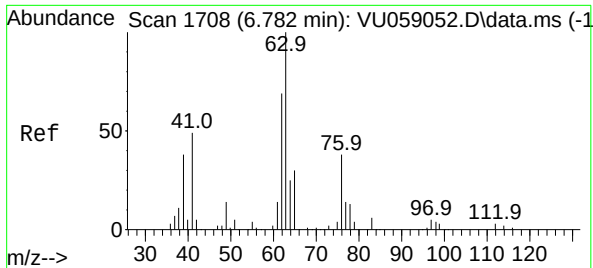
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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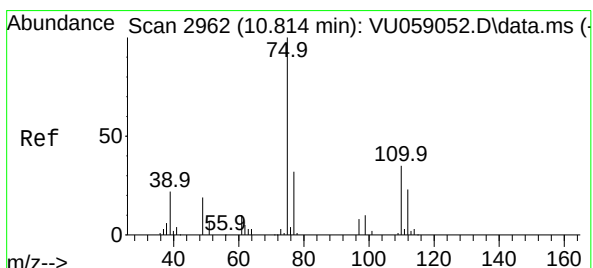
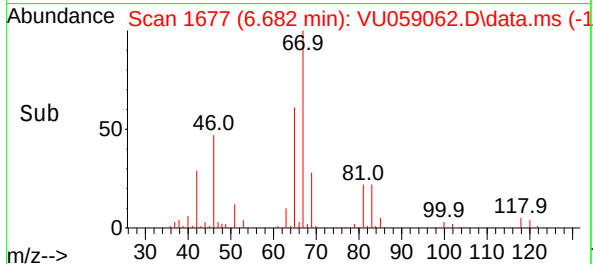
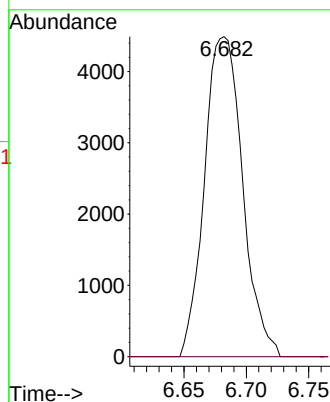
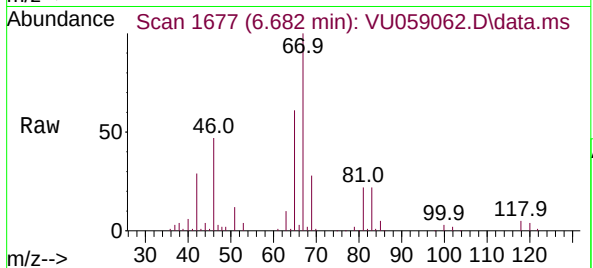




#37  
1,2-Dichloropropane  
Concen: 4.084 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU059062.D  
Acq: 29 May 2024 19:32

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 9561  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#60  
1,2,3-Trichloropropane  
Concen: 4.744 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.994 min  
Lab File: VU059062.D  
Acq: 29 May 2024 19:32

Tgt Ion: 75 Resp: 13443  
Ion Ratio Lower Upper  
75 100  
77 33.7 26.2 39.2  
110 2.0 28.4 42.6#

