

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101023\  
 Data File : VU055728.D  
 Acq On : 10 Oct 2023 18:01  
 Operator : MD/SY  
 Sample : 04747-06ME  
 Misc : 4.40g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 11 05:55:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 11 05:51:51 2023  
 Response via : Initial Calibration

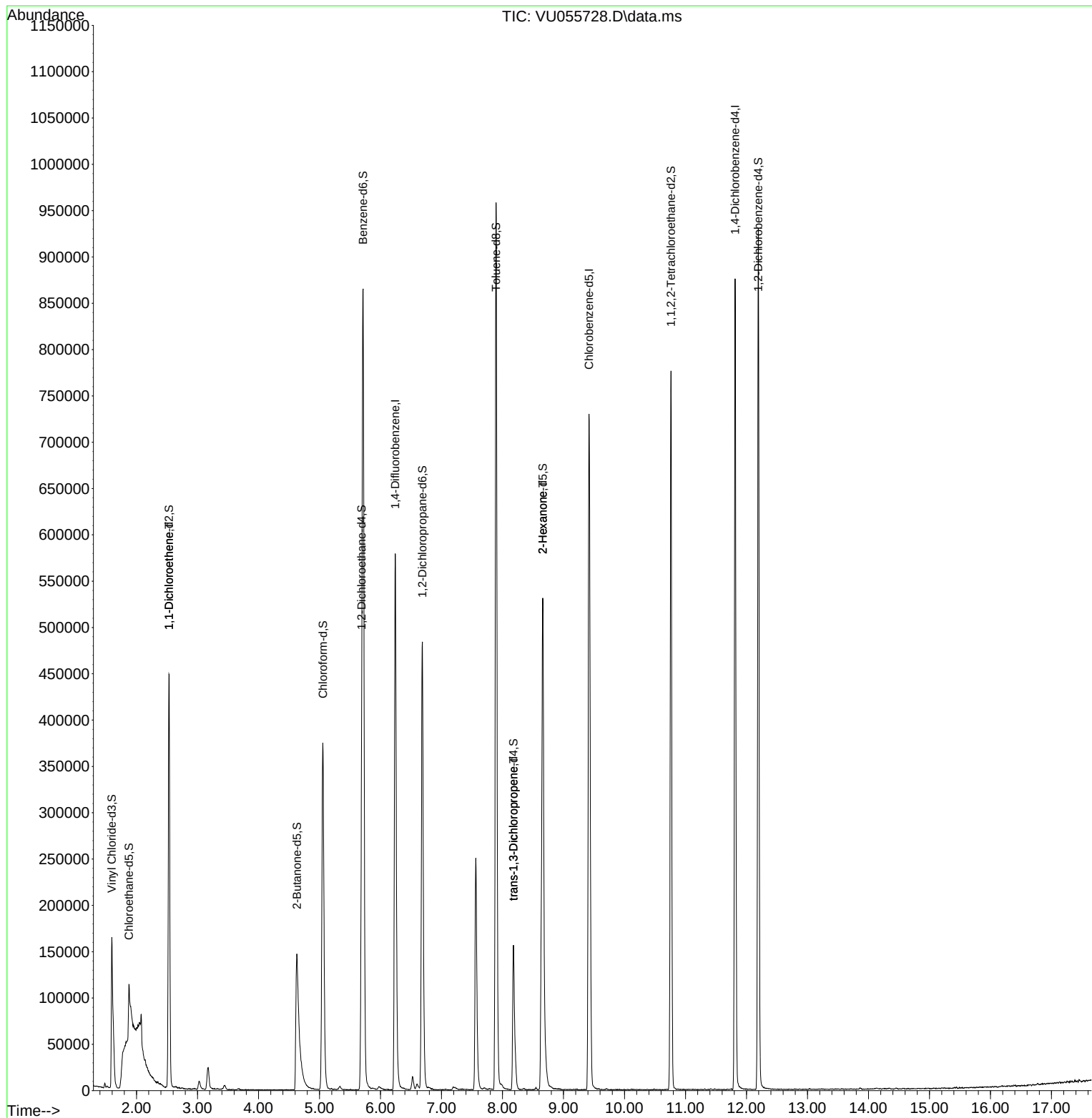
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.242   | 114            | 504229   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.418   | 117            | 507799   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814  | 152            | 220038   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.596   | 65             | 198161   | 43.814  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 87.620%  |          |
| 7) Chloroethane-d5            | 1.875   | 69             | 88837    | 24.030  | ug/L     | -0.04    |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 48.060%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.531   | 63             | 274375   | 34.023  | ug/L     | -0.04    |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 68.040%  |          |
| 21) 2-Butanone-d5             | 4.631   | 46             | 336193   | 100.318 | ug/L     | 0.02     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 100.320% |          |
| 24) Chloroform-d              | 5.055   | 84             | 380948   | 43.936  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 87.880%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.692   | 65             | 257017   | 48.159  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 96.320%  |          |
| 32) Benzene-d6                | 5.714   | 84             | 764218   | 47.037  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 94.080%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685   | 67             | 246408   | 47.906  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 95.820%  |          |
| 41) Toluene-d8                | 7.894   | 98             | 697447   | 47.540  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 95.080%  |          |
| 43) trans-1,3-Dichloroprop... | 8.181   | 79             | 114082   | 46.172  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 92.340%  |          |
| 47) 2-Hexanone-d5             | 8.660   | 63             | 236832   | 117.124 | ug/L     | 0.03     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 117.120% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.762  | 84             | 387119   | 48.896  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 97.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.193  | 152            | 232449   | 53.234  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 106.460% |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.531   | 96             | 2315     | 0.648   | ug/L #   | 1        |
| 44) trans-1,3-Dichloropropene | 8.181   | 75             | 5085     | 0.790   | ug/L     | 99       |
| 48) 2-Hexanone                | 8.660   | 43             | 33906    | 6.528   | ug/L #   | 83       |
| -----                         |         |                |          |         |          |          |

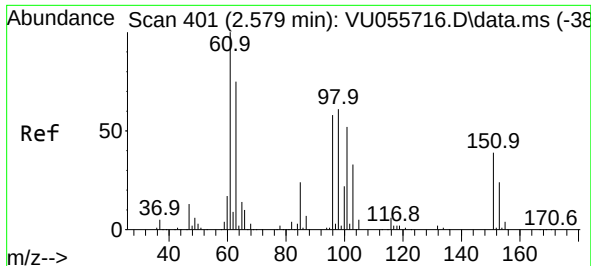
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101023\  
Data File : VU055728.D  
Acq On : 10 Oct 2023 18:01  
Operator : MD/SY  
Sample : 04747-06ME  
Misc : 4.40g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

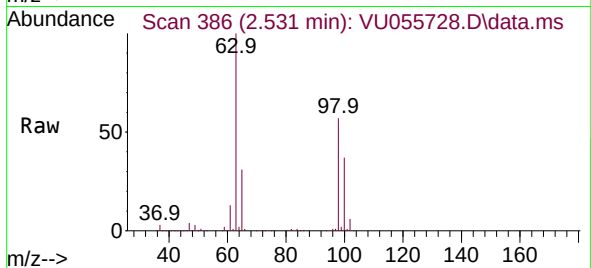
Quant Time: Oct 11 05:55:50 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Oct 11 05:51:51 2023  
Response via : Initial Calibration



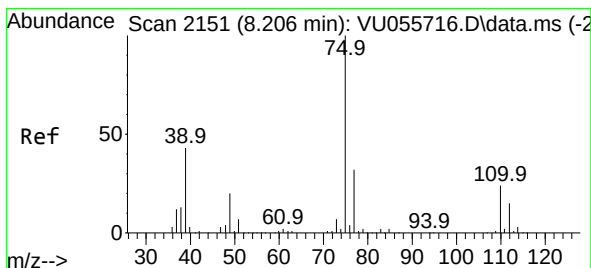
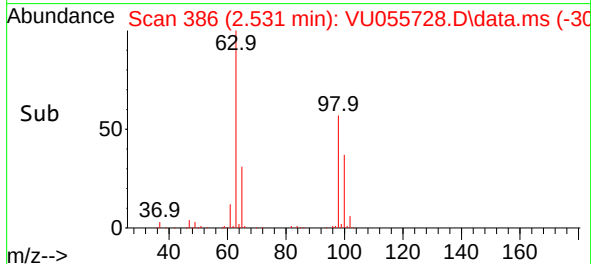
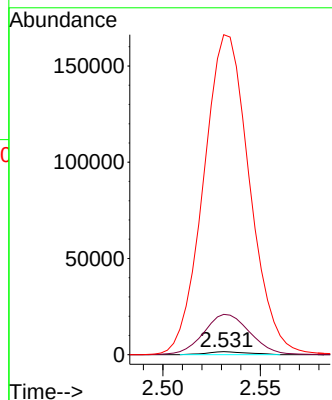


#12  
1,1-Dichloroethene  
Concen: 0.648 ug/L  
RT: 2.531 min Scan# 31  
Delta R.T. -0.048 min  
Lab File: VU055728.D  
Acq: 10 Oct 2023 18:01

Instrument :  
MSVOA\_U  
ClientSampleId :

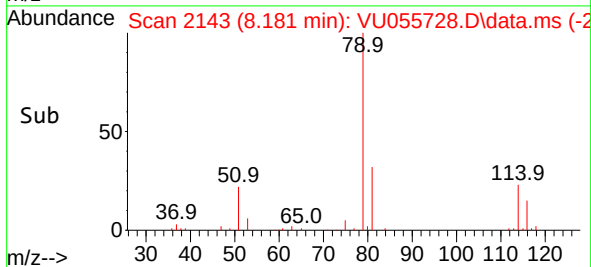
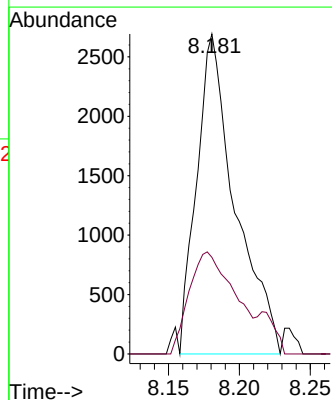
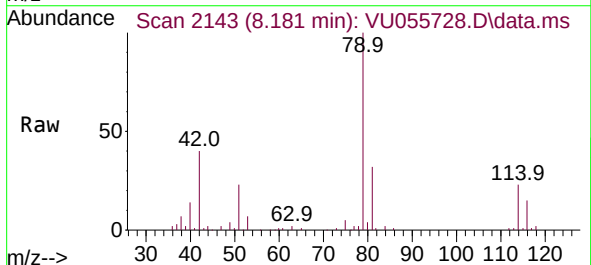


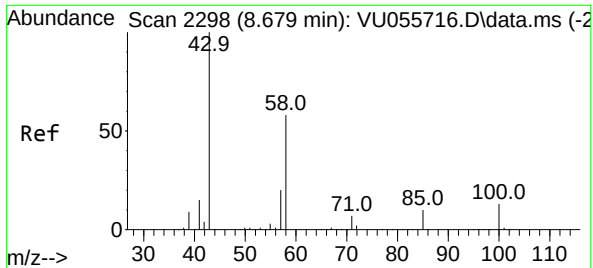
Tgt Ion: 96 Resp: 2315  
Ion Ratio Lower Upper  
96 100  
61 1327.8 122.0 226.6#  
63 10536.9 93.7 174.1#



#44  
trans-1,3-Dichloropropene  
Concen: 0.790 ug/L  
RT: 8.181 min Scan# 2143  
Delta R.T. -0.026 min  
Lab File: VU055728.D  
Acq: 10 Oct 2023 18:01

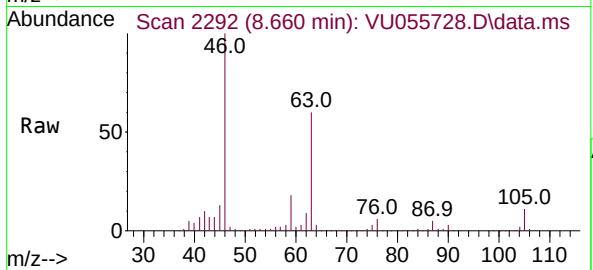
Tgt Ion: 75 Resp: 5085  
Ion Ratio Lower Upper  
75 100  
77 30.2 21.6 40.2





#48  
 2-Hexanone  
 Concen: 6.528 ug/L  
 RT: 8.660 min Scan# 21  
 Delta R.T. -0.019 min  
 Lab File: VU055728.D  
 Acq: 10 Oct 2023 18:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 33906     |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 46.7 45.2 67.8  |
| 57          | 29.4 16.1 24.1# |
| 100         | 0.3 9.7 14.5#   |

