

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050123\  
 Data File : VU054026.D  
 Acq On : 01 May 2023 15:19  
 Operator : JC/MD  
 Sample : 02525-08ME  
 Misc : 5.68g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCCK5ME

Quant Time: May 02 05:33:15 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042923WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 02 05:29:54 2023  
 Response via : Initial Calibration

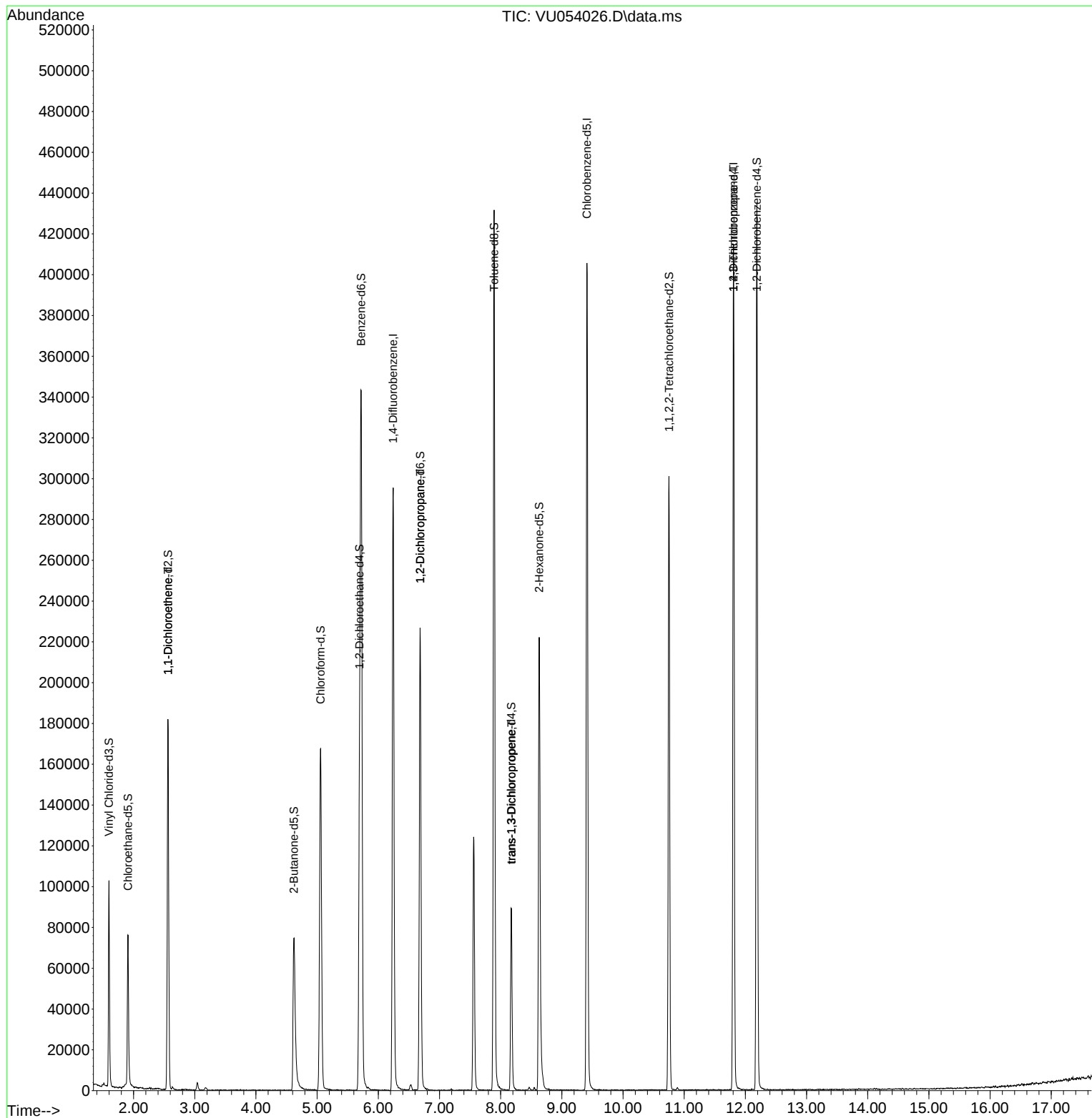
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114            | 241983   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.411   | 117            | 234232   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806  | 152            | 113041   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65             | 76457    | 41.777  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 83.560%  |          |
| 7) Chloroethane-d5            | 1.909   | 69             | 53336    | 44.397  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 88.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562   | 63             | 109591   | 33.762  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 67.520%  |          |
| 21) 2-Butanone-d5             | 4.620   | 46             | 118413   | 113.444 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 113.440% |          |
| 24) Chloroform-d              | 5.057   | 84             | 163865   | 48.751  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 97.500%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.694   | 65             | 112970   | 52.346  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 104.700% |          |
| 32) Benzene-d6                | 5.719   | 84             | 324093   | 47.007  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 94.020%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67             | 108465   | 49.833  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 99.660%  |          |
| 41) Toluene-d8                | 7.893   | 98             | 287642   | 46.210  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 92.420%  |          |
| 43) trans-1,3-Dichloroprop... | 8.173   | 79             | 52839    | 49.055  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 98.100%  |          |
| 47) 2-Hexanone-d5             | 8.629   | 63             | 78709    | 100.962 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 100.960% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84             | 144467   | 50.390  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 100.780% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189  | 152            | 116602   | 52.802  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 105.600% |          |
| Target Compounds              |         |                |          |         |          |          |
| 12) 1,1-Dichloroethene        | 2.562   | 96             | 756      | 0.539   | ug/L #   | 1        |
| 37) 1,2-Dichloropropane       | 6.684   | 63             | 11644    | 6.037   | ug/L #   | 87       |
| 44) trans-1,3-Dichloropropene | 8.176   | 75             | 2286     | 0.797   | ug/L     | 97       |
| 60) 1,2,3-Trichloropropane    | 11.806  | 75             | 12825    | 6.108   | ug/L #   | 66       |

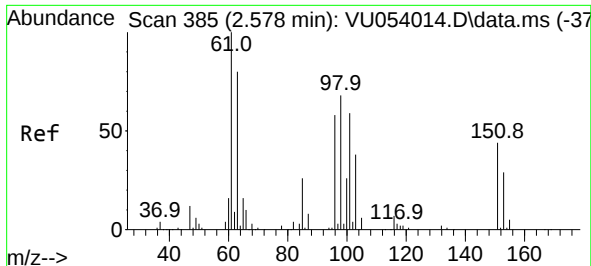
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050123\  
Data File : VU054026.D  
Acq On : 01 May 2023 15:19  
Operator : JC/MD  
Sample : 02525-08ME  
Misc : 5.68g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DCCK5ME

Quant Time: May 02 05:33:15 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042923WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue May 02 05:29:54 2023  
Response via : Initial Calibration

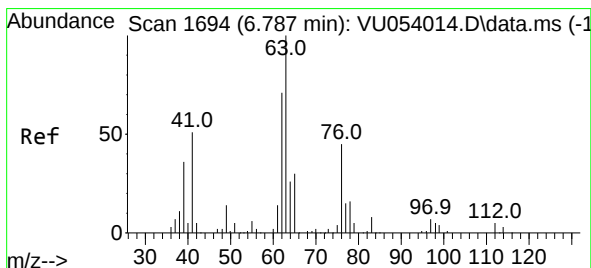
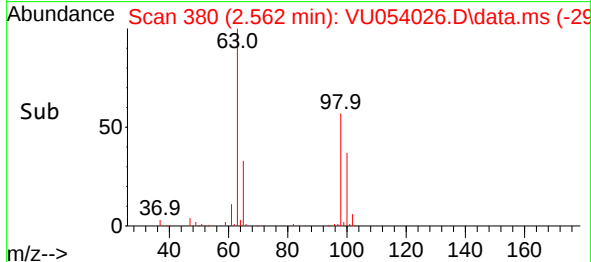
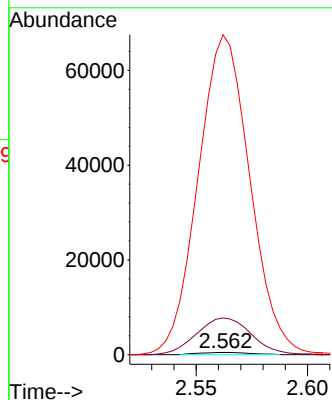
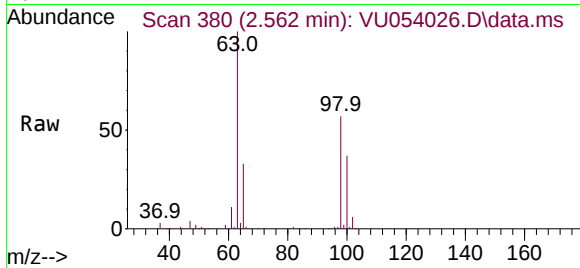




#12  
 1,1-Dichloroethene  
 Concen: 0.539 ug/L  
 RT: 2.562 min Scan# 31  
 Delta R.T. -0.016 min  
 Lab File: VU054026.D  
 Acq: 01 May 2023 15:19

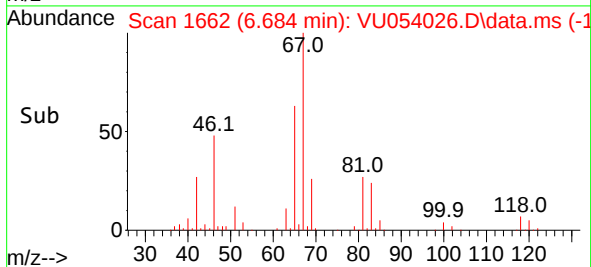
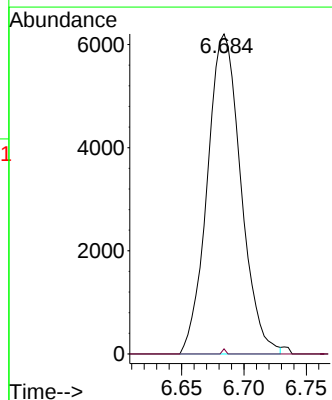
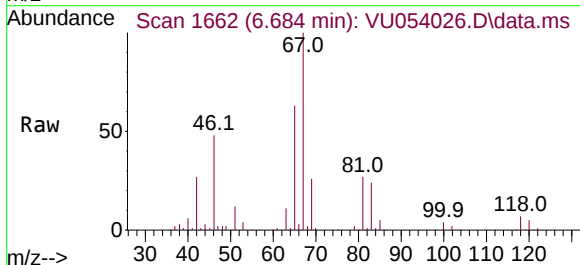
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCCK5ME

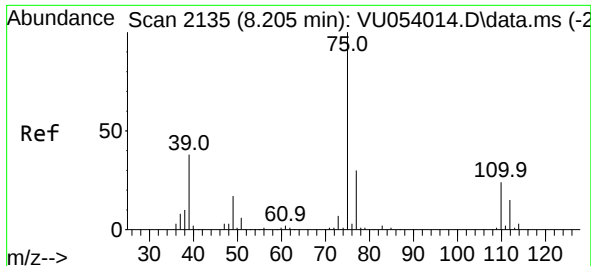
Tgt Ion: 96 Resp: 756  
 Ion Ratio Lower Upper  
 96 100  
 61 1667.7 118.3 219.7#  
 63 14525.6 92.3 171.5#



#37  
 1,2-Dichloropropane  
 Concen: 6.037 ug/L  
 RT: 6.684 min Scan# 1662  
 Delta R.T. -0.103 min  
 Lab File: VU054026.D  
 Acq: 01 May 2023 15:19

Tgt Ion: 63 Resp: 11644  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.4 5.0#

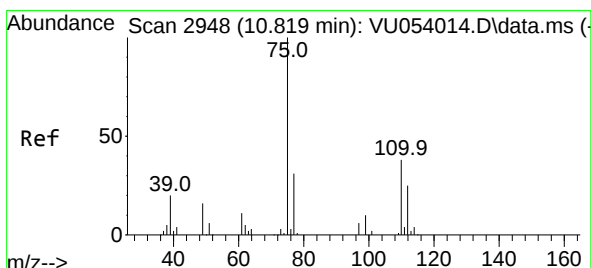
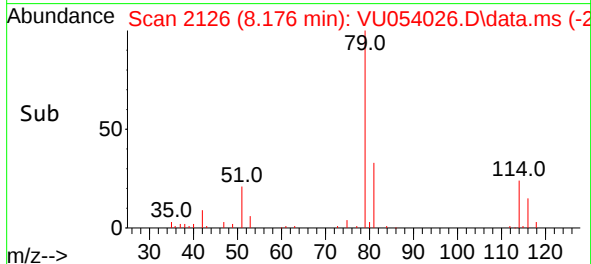
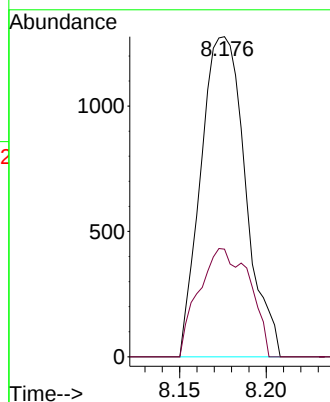
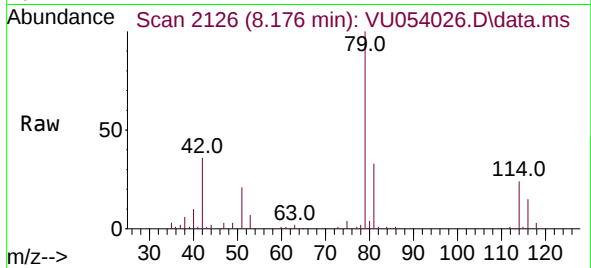




#44  
trans-1,3-Dichloropropene  
Concen: 0.797 ug/L  
RT: 8.176 min Scan# 2135  
Delta R.T. -0.029 min  
Lab File: VU054026.D  
Acq: 01 May 2023 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
DCCK5ME

Tgt Ion: 75 Resp: 2286  
Ion Ratio Lower Upper  
75 100  
77 33.6 22.5 41.7



#60  
1,2,3-Trichloropropane  
Concen: 6.108 ug/L  
RT: 11.806 min Scan# 3255  
Delta R.T. 0.987 min  
Lab File: VU054026.D  
Acq: 01 May 2023 15:19

Tgt Ion: 75 Resp: 12825  
Ion Ratio Lower Upper  
75 100  
77 31.6 26.0 39.0  
110 2.5 31.8 47.8#

