

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062424\  
 Data File : VU059444.D  
 Acq On : 24 Jun 2024 13:00  
 Operator : MD/SY  
 Sample : P2909-19ME  
 Misc : 4.20g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 25 03:15:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 22 00:01:31 2024  
 Response via : Initial Calibration

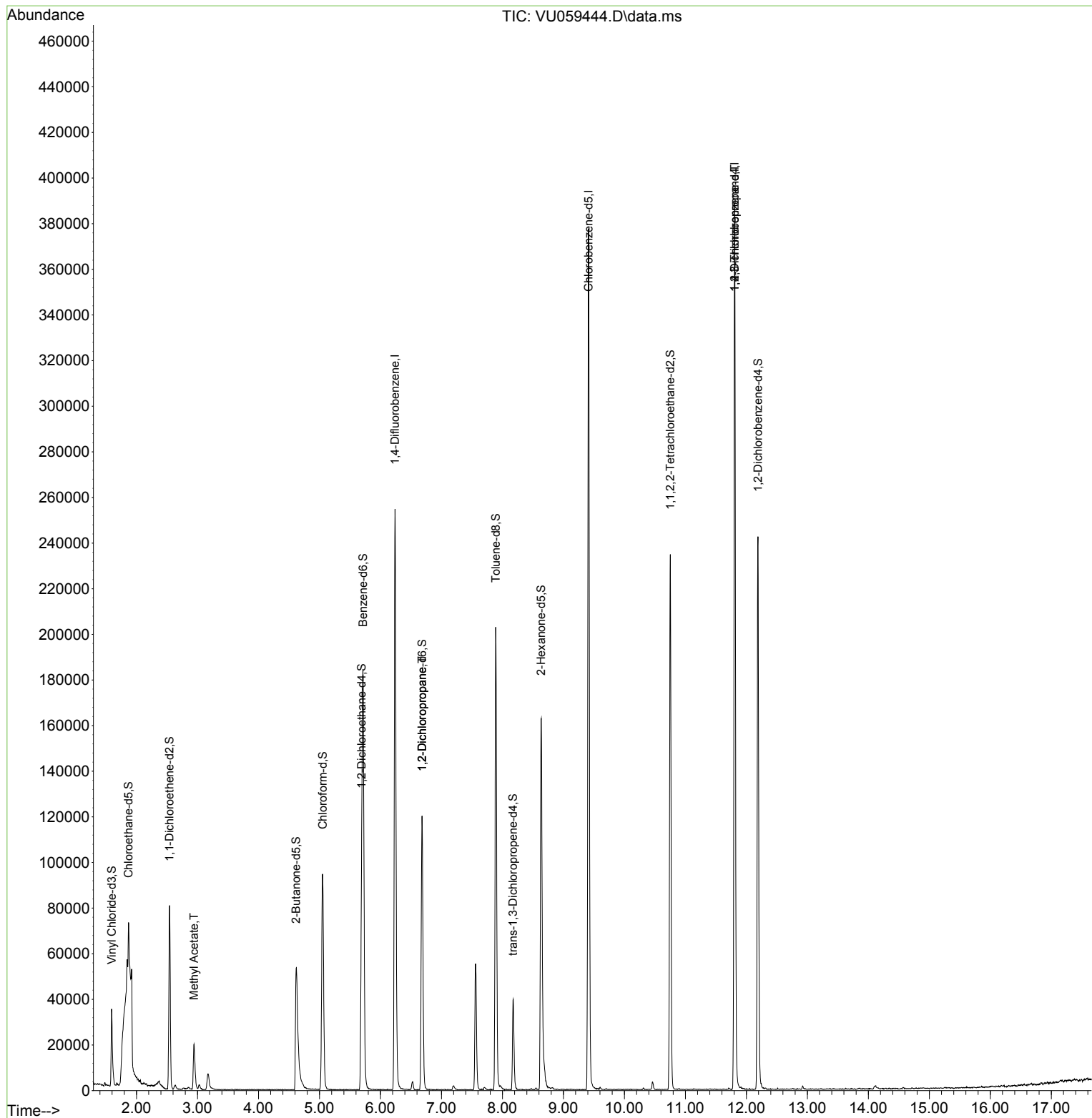
| Compound                      | R.T.    | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|----------|----------|
| -----                         |         |                |          |        |          |          |
| Internal Standards            |         |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.238   | 114            | 213805   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412   | 117            | 222960   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807  | 152            | 109082   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.592   | 65             | 32592    | 25.460 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 50.920%# |          |
| 7) Chloroethane-d5            | 1.869   | 69             | 22134    | 20.184 | ug/L     | -0.04    |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 40.360%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.541   | 63             | 47793    | 18.914 | ug/L     | -0.02    |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 37.820%# |          |
| 21) 2-Butanone-d5             | 4.618   | 46             | 92456    | 76.624 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 76.620%  |          |
| 24) Chloroform-d              | 5.052   | 84             | 92549    | 36.316 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 72.640%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.692   | 65             | 59942    | 38.376 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 76.760%  |          |
| 32) Benzene-d6                | 5.714   | 84             | 174063   | 34.015 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 68.020%# |          |
| 36) 1,2-Dichloropropane-d6    | 6.682   | 67             | 61119    | 34.640 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 69.280%# |          |
| 41) Toluene-d8                | 7.891   | 98             | 141376   | 32.544 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 65.080%# |          |
| 43) trans-1,3-Dichloroprop... | 8.174   | 79             | 24383    | 34.188 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 68.380%  |          |
| 47) 2-Hexanone-d5             | 8.634   | 63             | 62711    | 76.859 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 76.860%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753  | 84             | 119131   | 39.894 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 79.780%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190  | 152            | 68325    | 41.972 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 83.940%  |          |
| Target Compounds              |         |                |          |        |          |          |
|                               |         |                |          |        | Qvalue   |          |
| 15) Methyl Acetate            | 2.943   | 43             | 25359    | 11.288 | ug/L     | 94       |
| 37) 1,2-Dichloropropane       | 6.682   | 63             | 6556     | 2.868  | ug/L #   | 90       |
| 60) 1,2,3-Trichloropropane    | 11.807  | 75             | 12401    | 4.088  | ug/L #   | 68       |
| -----                         |         |                |          |        |          |          |

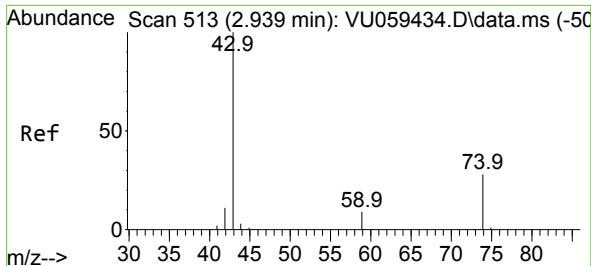
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062424\  
Data File : VU059444.D  
Acq On : 24 Jun 2024 13:00  
Operator : MD/SY  
Sample : P2909-19ME  
Misc : 4.20g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Jun 25 03:15:10 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jun 22 00:01:31 2024  
Response via : Initial Calibration

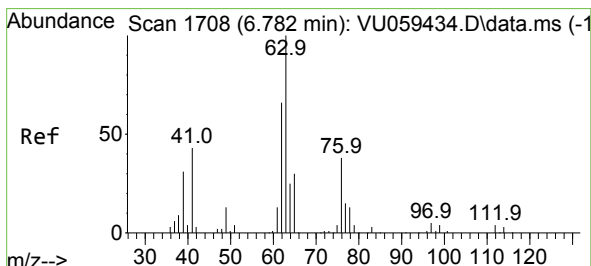
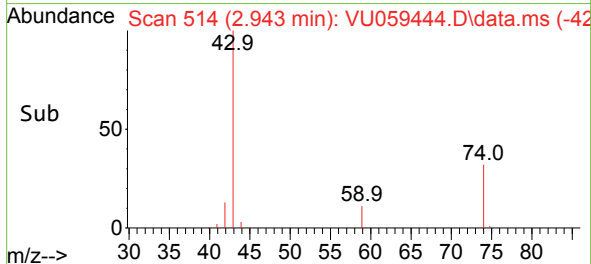
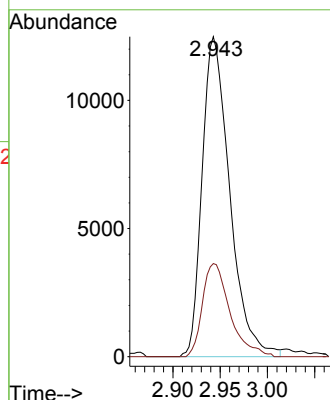
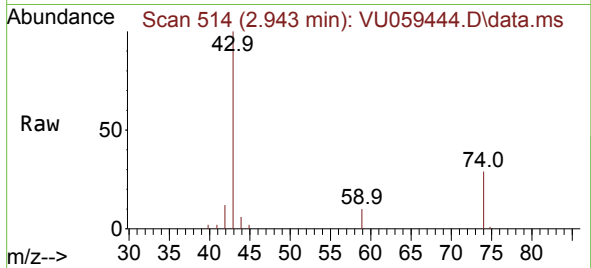




#15  
Methyl Acetate  
Concen: 11.288 ug/L  
RT: 2.943 min Scan# 513  
Delta R.T. 0.003 min  
Lab File: VU059444.D  
Acq: 24 Jun 2024 13:00

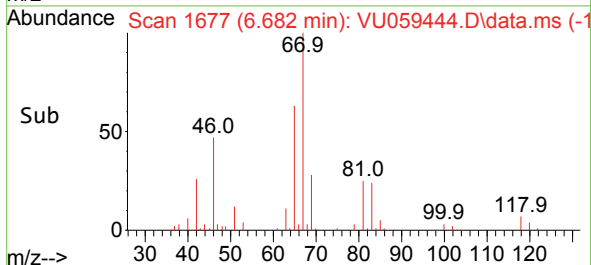
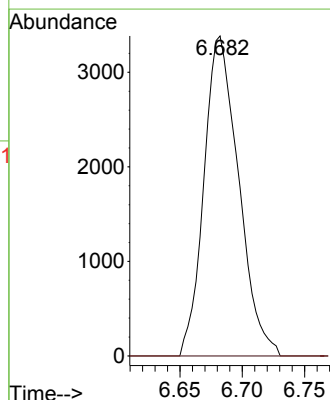
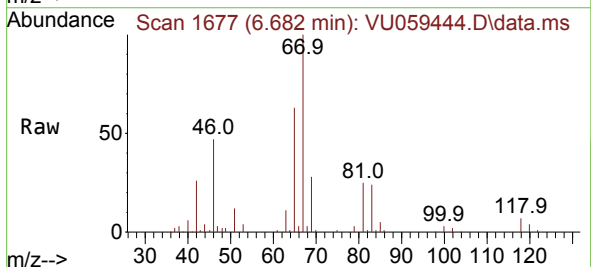
Instrument :  
MSVOA\_U  
ClientSampleId :

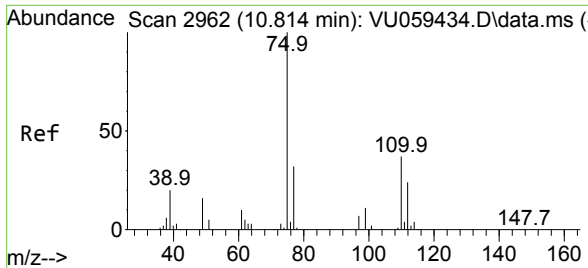
Tgt Ion: 43 Resp: 25359  
Ion Ratio Lower Upper  
43 100  
74 28.9 20.8 31.2



#37  
1,2-Dichloropropane  
Concen: 2.868 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.100 min  
Lab File: VU059444.D  
Acq: 24 Jun 2024 13:00

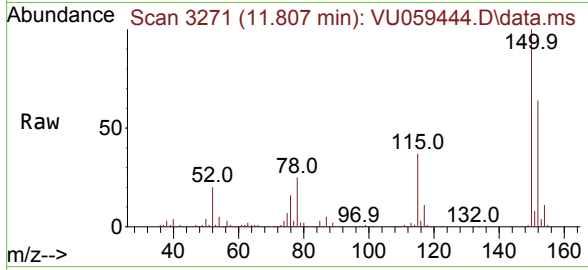
Tgt Ion: 63 Resp: 6556  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#





#60  
 1,2,3-Trichloropropane  
 Concen: 4.088 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU059444.D  
 Acq: 24 Jun 2024 13:00

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12401 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 34.0  | 26.2  | 39.2  |
| 110      | 0.6   | 28.4  | 42.6# |

