

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061523\  
 Data File : VU054515.D  
 Acq On : 15 Jun 2023 10:45  
 Operator : MD/SY  
 Sample : 03237-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YBW67

Quant Time: Jun 16 01:30:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 14 00:05:43 2023  
 Response via : Initial Calibration

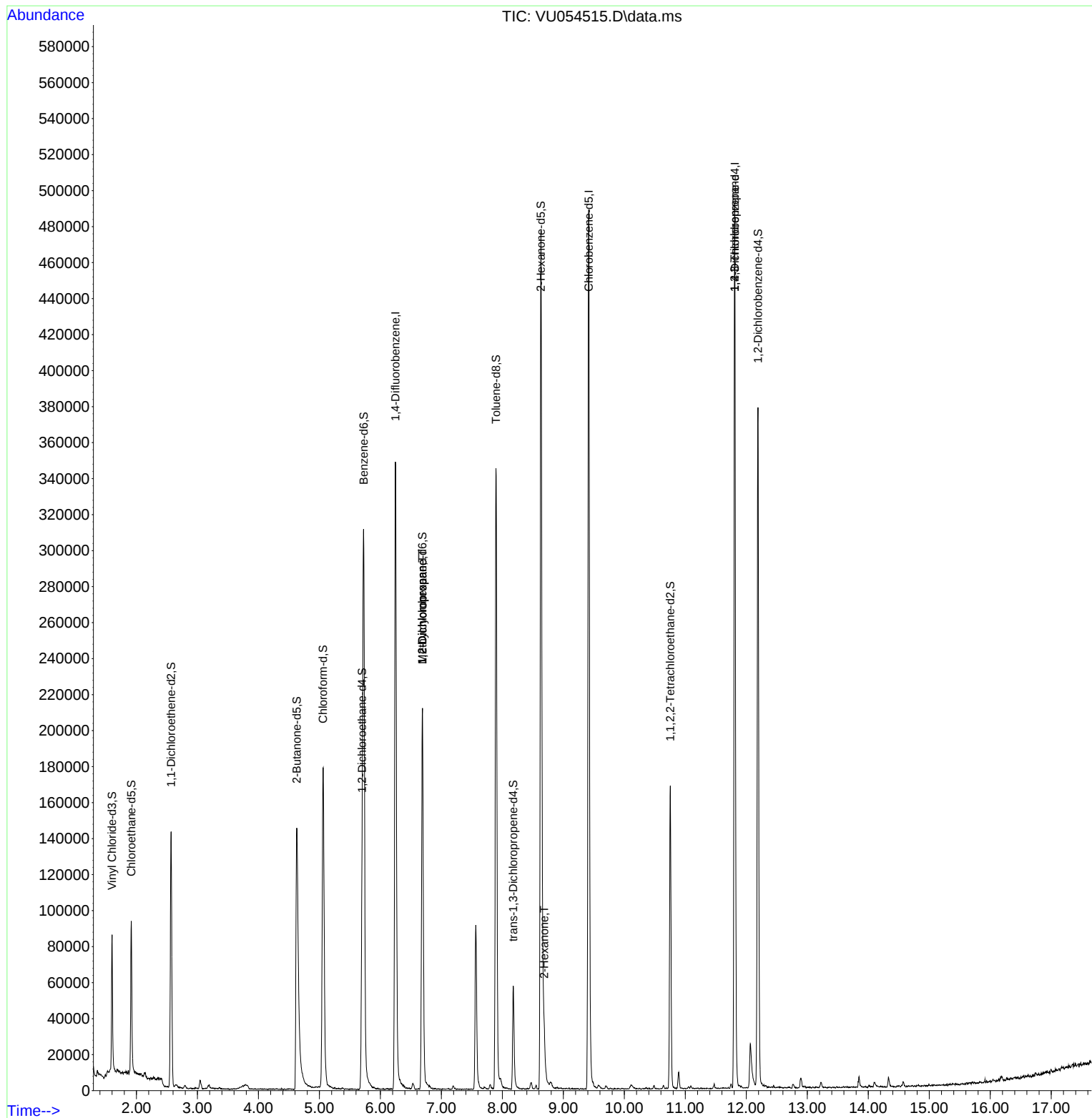
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 295613   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 290371   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 137837   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 56901    | 3.025    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 60.400%  |
| 7) Chloroethane-d5            | 1.914  | 69    | 64018    | 3.634    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 72.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65    | 27857    | 3.315    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 66.400%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 248716   | 47.021   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 94.040%  |
| 24) Chloroform-d              | 5.059  | 84    | 160319   | 4.077    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 80664    | 4.208    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.200%  |
| 32) Benzene-d6                | 5.724  | 84    | 293251   | 3.633    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 72.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 108636   | 4.030    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 80.600%  |
| 41) Toluene-d8                | 7.894  | 98    | 243303   | 3.396    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 68.000%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 34559    | 3.687    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 73.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 160060   | 40.699   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 81.400%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 85400    | 4.248    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 85.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 100888   | 4.339    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 86.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.689  | 83    | 24213    | 0.580    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.689  | 63    | 11325    | 0.401    | ug/L # | 93       |
| 48) 2-Hexanone                | 8.685  | 43    | 14260    | 1.271    | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 16044    | 1.152    | ug/L # | 69       |

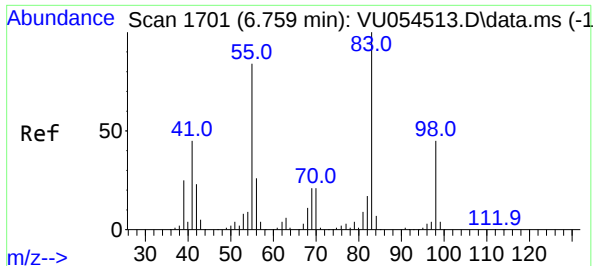
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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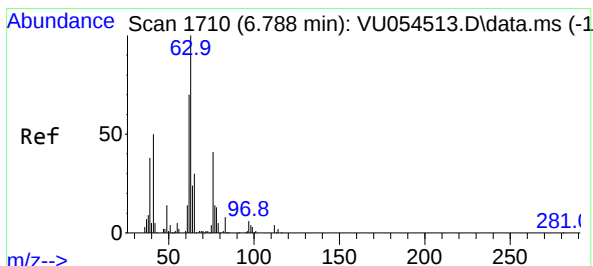
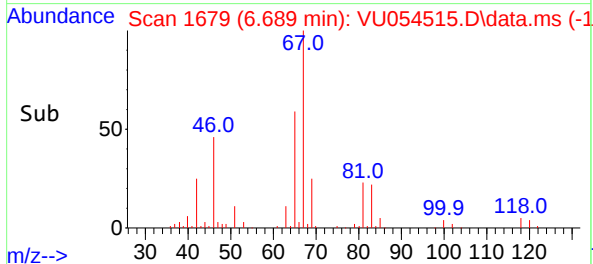
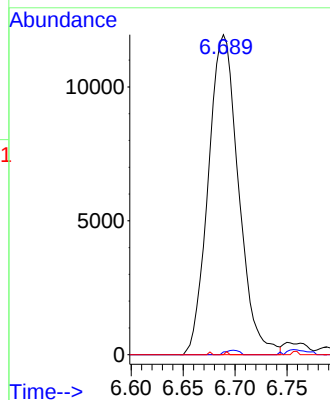
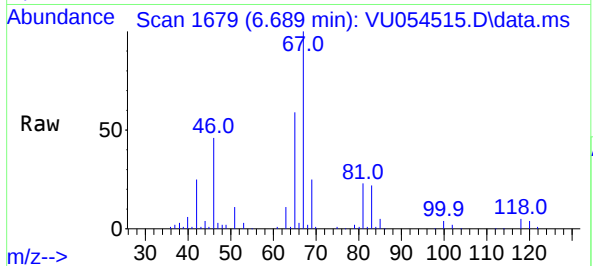




#35  
Methylcyclohexane  
Concen: 0.580 ug/L  
RT: 6.689 min Scan# 1679  
Delta R.T. -0.071 min  
Lab File: VU054515.D  
Acq: 15 Jun 2023 10:45

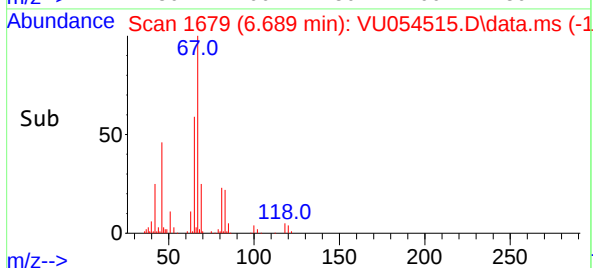
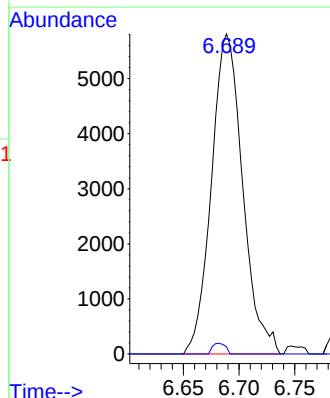
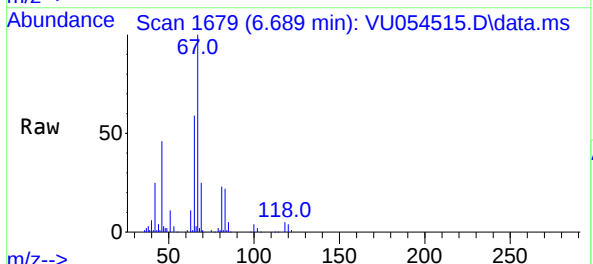
Instrument :  
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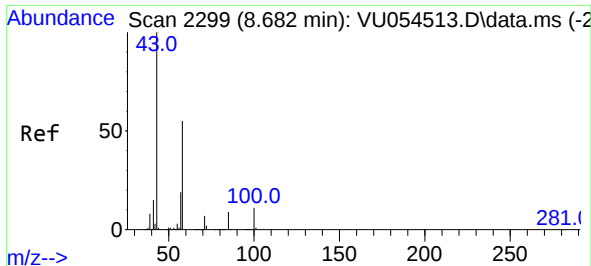
Tgt Ion: 83 Resp: 24213  
Ion Ratio Lower Upper  
83 100  
55 0.6 67.1 100.7#  
98 0.1 35.1 52.7#



#37  
1,2-Dichloropropane  
Concen: 0.401 ug/L  
RT: 6.689 min Scan# 1679  
Delta R.T. -0.100 min  
Lab File: VU054515.D  
Acq: 15 Jun 2023 10:45

Tgt Ion: 63 Resp: 11325  
Ion Ratio Lower Upper  
63 100  
112 1.4 3.0 4.6#



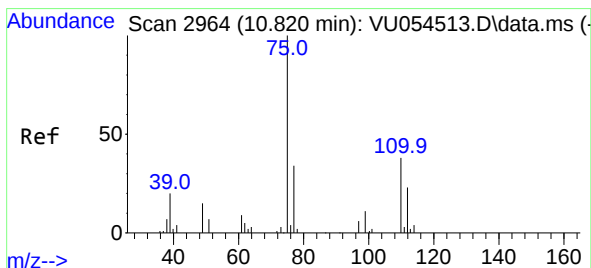
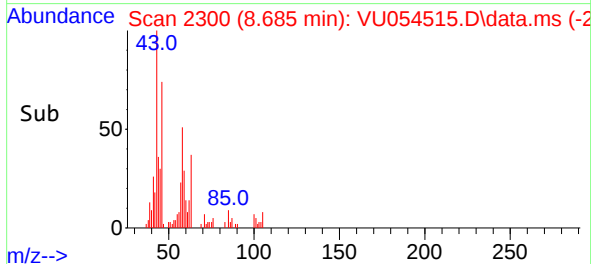
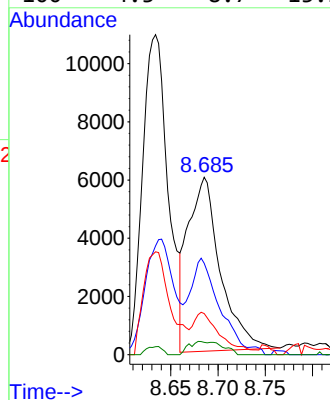
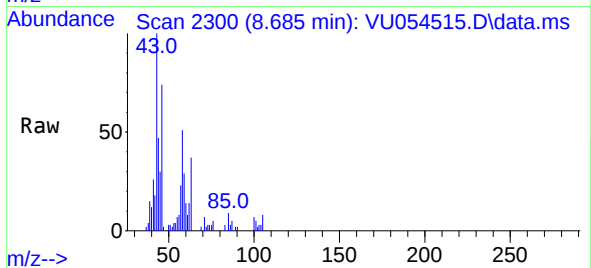


#48  
2-Hexanone  
Concen: 1.271 ug/L  
RT: 8.685 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU054515.D  
Acq: 15 Jun 2023 10:45

Instrument :  
MSVOA\_U  
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Tgt Ion: 43 Resp: 14260

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 44.5  | 45.2  | 67.8# |
| 57  | 20.2  | 15.8  | 23.6  |
| 100 | 4.3   | 8.7   | 13.1# |



#61  
1,2,3-Trichloropropane  
Concen: 1.152 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU054515.D  
Acq: 15 Jun 2023 10:45

Tgt Ion: 75 Resp: 16044

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 2.5   | 28.0  | 42.0# |
| 77  | 34.2  | 25.4  | 38.2  |

