

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060923\  
 Data File : VU054453.D  
 Acq On : 09 Jun 2023 11:21  
 Operator : MD/SY  
 Sample : 03105-12  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

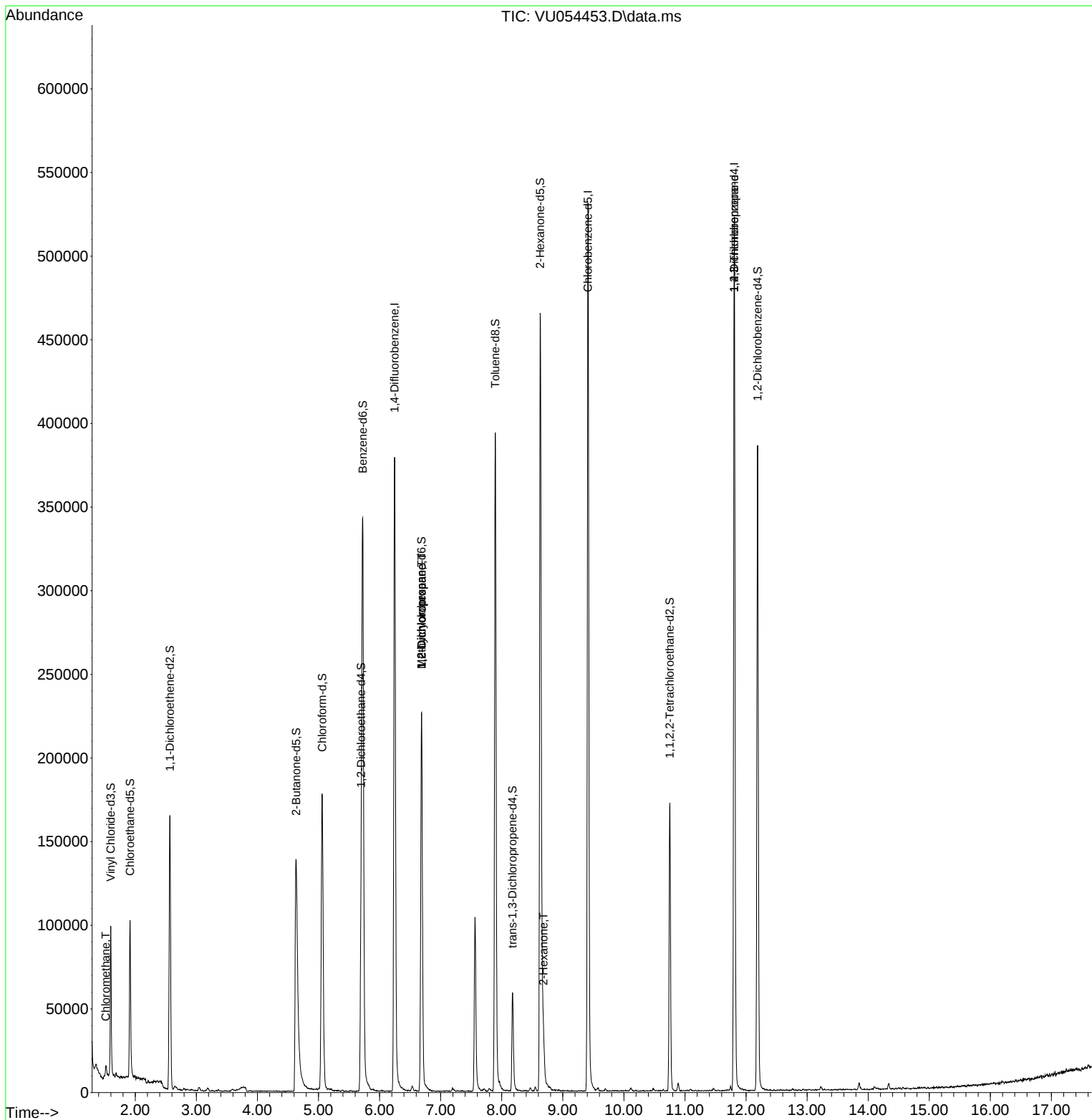
Instrument :  
 MSVOA\_U  
 ClientSampleId :

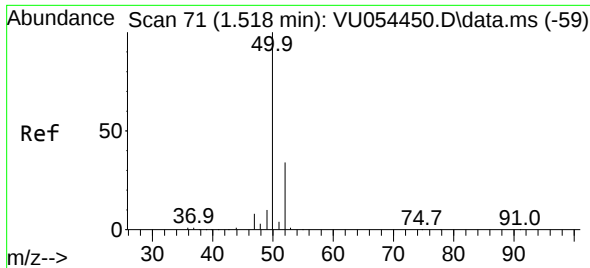
Quant Time: Jun 12 00:59:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jun 12 00:58:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 311635   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 304151   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 141300   | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65             | 67061    | 3.381  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 67.600% |          |
| 7) Chloroethane-d5            | 1.914  | 69             | 70355    | 3.789  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 75.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65             | 32502    | 3.669  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 73.400% |          |
| 20) 2-Butanone-d5             | 4.634  | 46             | 257593   | 46.195 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 92.400% |          |
| 24) Chloroform-d              | 5.062  | 84             | 168937   | 4.075  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.600% |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 88102    | 4.360  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 87.200% |          |
| 32) Benzene-d6                | 5.724  | 84             | 331854   | 3.925  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 78.600% |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 115964   | 4.107  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 82.200% |          |
| 41) Toluene-d8                | 7.894  | 98             | 276665   | 3.687  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 73.800% |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 37188    | 3.787  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 75.800% |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 162186   | 39.371 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.740% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 89084    | 4.231  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 84.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 106479   | 4.468  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 89.400% |          |
| Target Compounds              |        |                |          |        |         |          |
| 3) Chloromethane              | 1.518  | 50             | 4687     | 0.140  | ug/L    | 97       |
| 35) Methylcyclohexane         | 6.685  | 83             | 24625    | 0.564  | ug/L #  | 16       |
| 37) 1,2-Dichloropropane       | 6.689  | 63             | 11536    | 0.390  | ug/L #  | 91       |
| 48) 2-Hexanone                | 8.685  | 43             | 13662    | 1.163  | ug/L #  | 93       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 17639    | 1.235  | ug/L #  | 70       |

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

Quant Time: Jun 12 00:59:12 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Jun 12 00:58:03 2023  
Response via : Initial Calibration





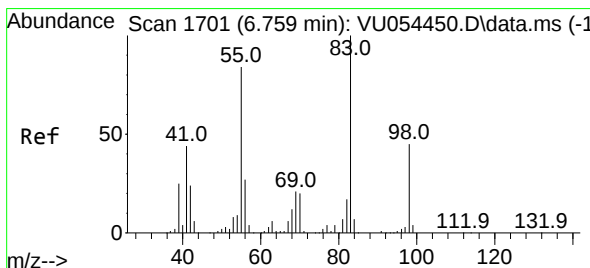
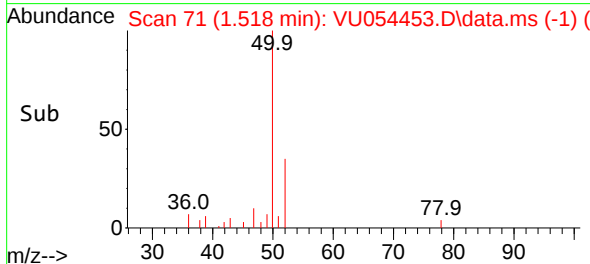
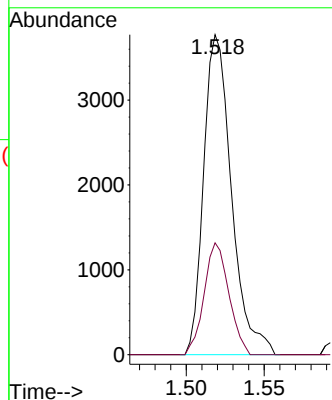
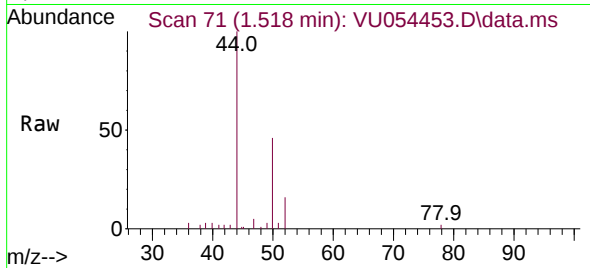
#3  
Chloromethane  
Concen: 0.140 ug/L  
RT: 1.518 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU054453.D  
Acq: 09 Jun 2023 11:21

Instrument :

MSVOA\_U

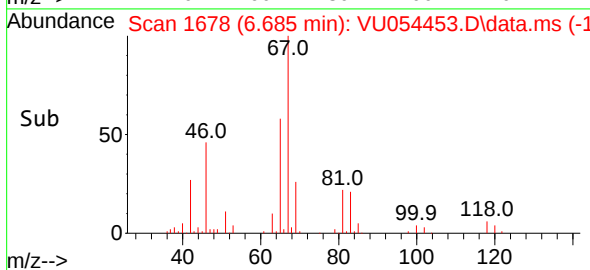
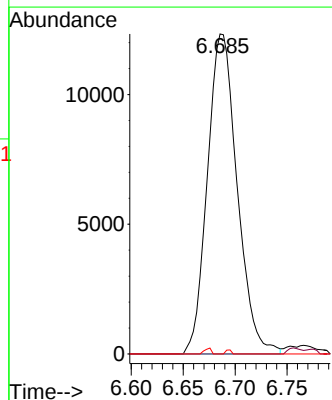
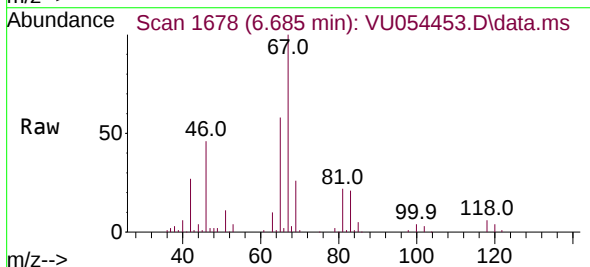
ClientSampleId :

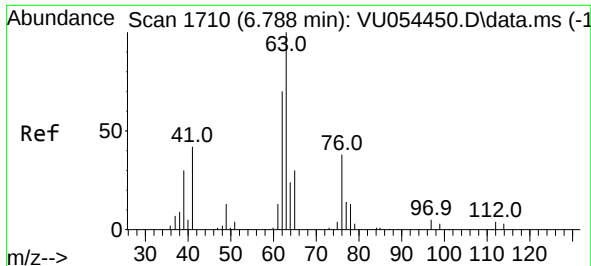
Tgt Ion: 50 Resp: 4687  
Ion Ratio Lower Upper  
50 100  
52 35.0 23.4 43.4



#35  
Methylcyclohexane  
Concen: 0.564 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU054453.D  
Acq: 09 Jun 2023 11:21

Tgt Ion: 83 Resp: 24625  
Ion Ratio Lower Upper  
83 100  
55 0.0 67.1 100.7#  
98 0.4 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.390 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054453.D

Acq: 09 Jun 2023 11:21

Instrument :

MSVOA\_U

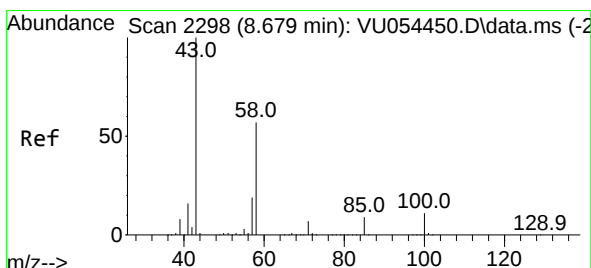
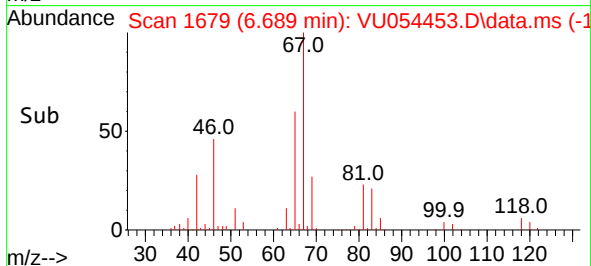
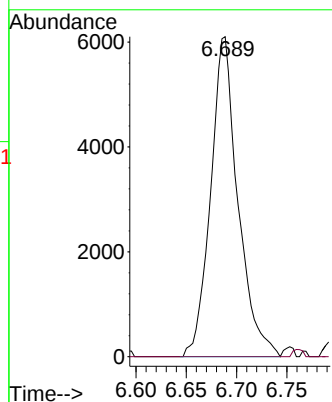
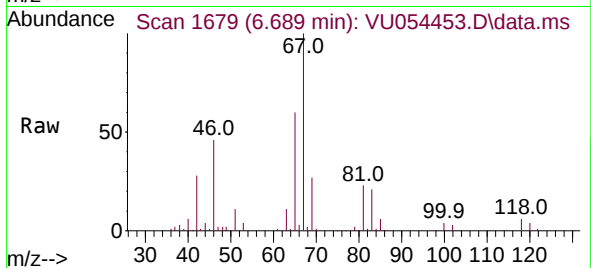
ClientSampleId :

Tgt Ion: 63 Resp: 11536

Ion Ratio Lower Upper

63 100

112 0.8 3.0 4.6#



#48

2-Hexanone

Concen: 1.163 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.007 min

Lab File: VU054453.D

Acq: 09 Jun 2023 11:21

Tgt Ion: 43 Resp: 13662

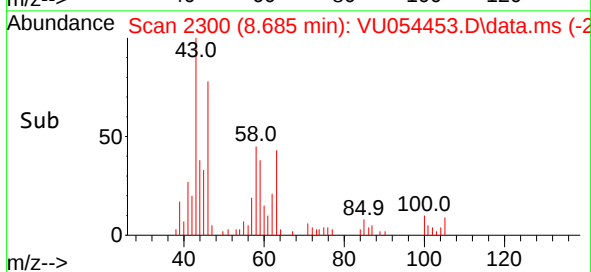
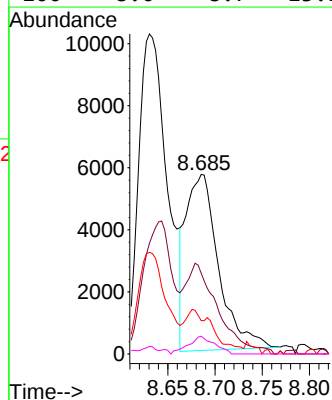
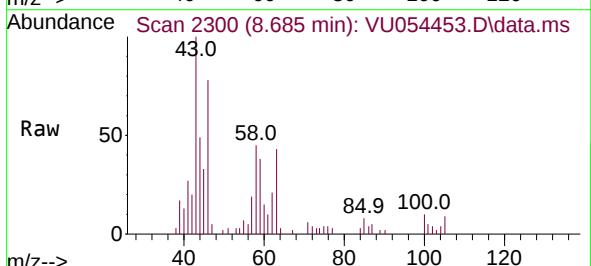
Ion Ratio Lower Upper

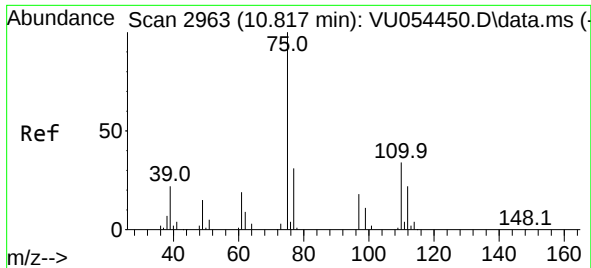
43 100

58 51.6 45.2 67.8

57 22.2 15.8 23.6

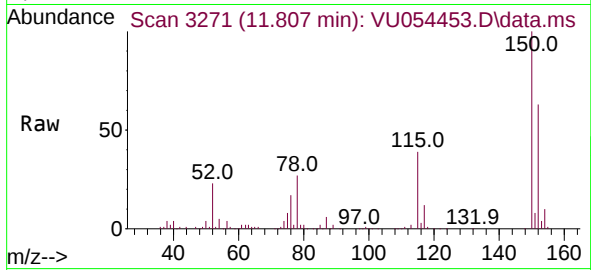
100 8.0 8.7 13.1#





#61  
1,2,3-Trichloropropane  
Concen: 1.235 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU054453.D  
Acq: 09 Jun 2023 11:21

Instrument :  
MSVOA\_U  
ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 2.7   | 28.0  | 42.0# |
| 77      | 32.8  | 25.4  | 38.2  |

