

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111523\  
 Data File : VU056387.D  
 Acq On : 16 Nov 2023 04:59  
 Operator : MD/SY  
 Sample : 05411-14  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 16 06:16:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 16 05:41:06 2023  
 Response via : Initial Calibration

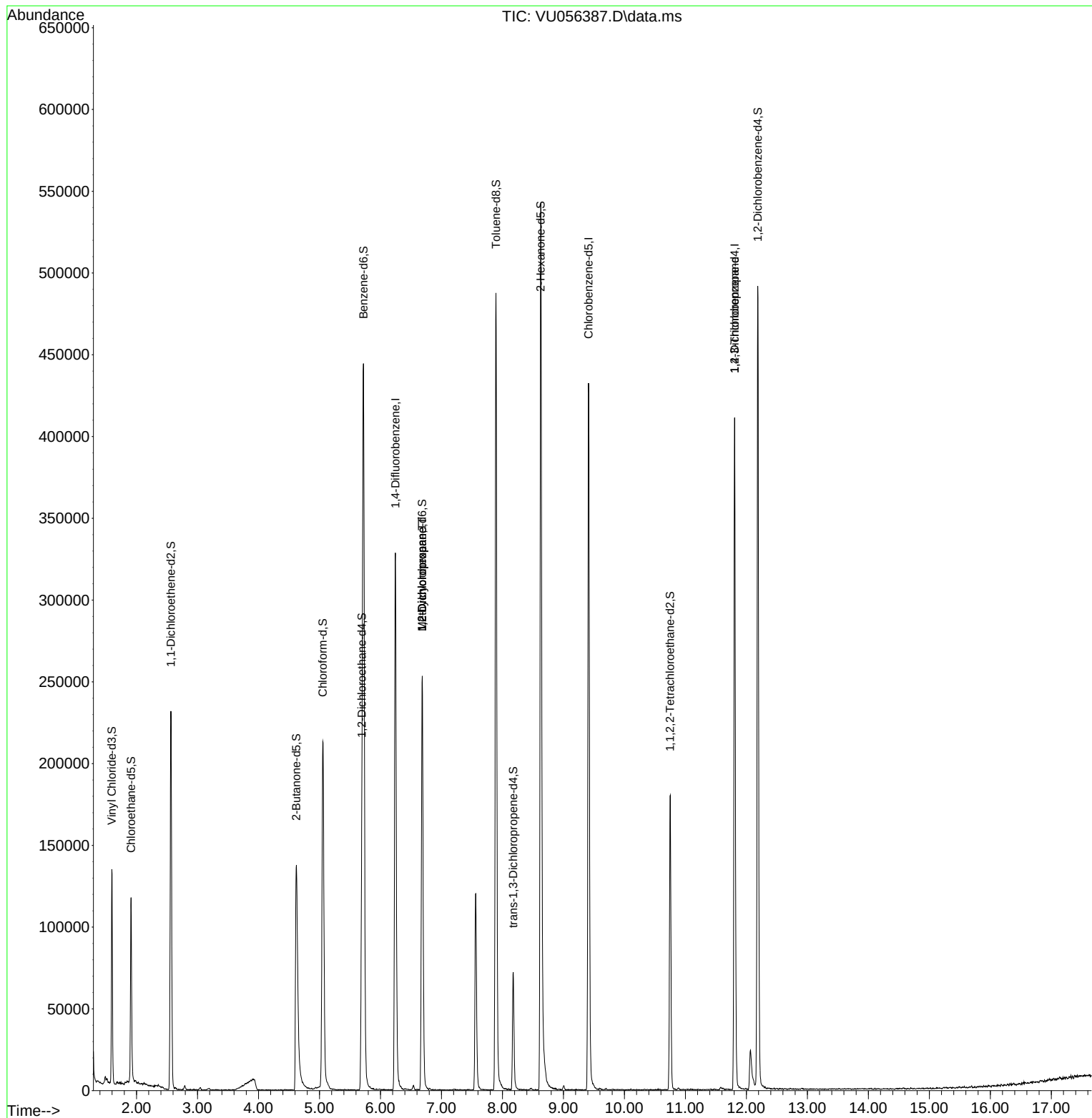
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 266687   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 251206   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 110814   | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 93367    | 4.681  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 93.600%   |          |
| 7) Chloroethane-d5            | 1.911  | 69             | 81057    | 5.300  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 106.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 44673    | 5.075  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 101.400%  |          |
| 20) 2-Butanone-d5             | 4.621  | 46             | 227738   | 57.256 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 114.520%  |          |
| 24) Chloroform-d              | 5.055  | 84             | 203834   | 5.283  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 105.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 110134   | 6.177  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 123.600%  |          |
| 32) Benzene-d6                | 5.721  | 84             | 428632   | 5.727  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 114.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 124871   | 5.536  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 110.800%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 335974   | 5.083  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 101.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 44060    | 5.093  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 101.800%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 189823   | 55.835 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 111.660%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 90018    | 5.585  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 111.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152            | 126747   | 6.191  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 123.800%# |          |
| Target Compounds              |        |                |          |        |           |          |
| 35) Methylcyclohexane         | 6.685  | 83             | 30200    | 1.071  | ug/L #    | 18       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 13680    | 0.732  | ug/L #    | 88       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 13673    | 1.438  | ug/L #    | 67       |

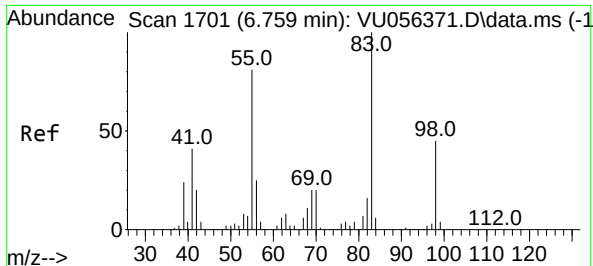
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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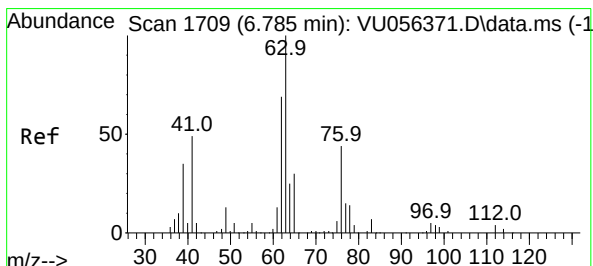
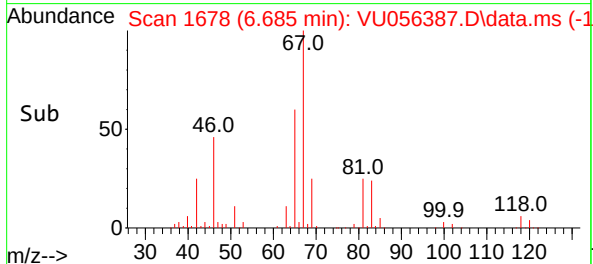
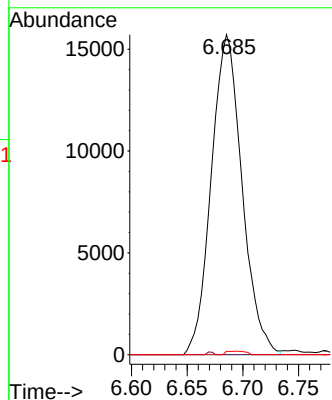
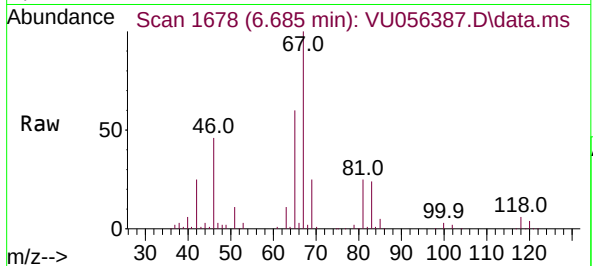




#35  
Methylcyclohexane  
Concen: 1.071 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU056387.D  
Acq: 16 Nov 2023 04:59

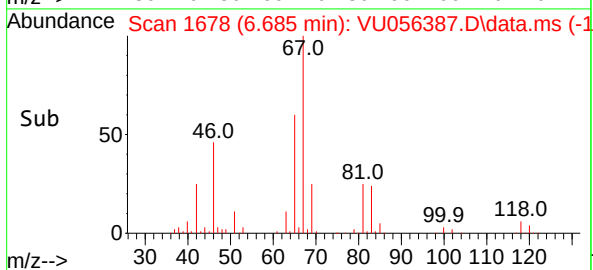
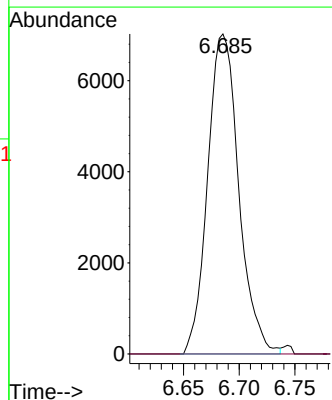
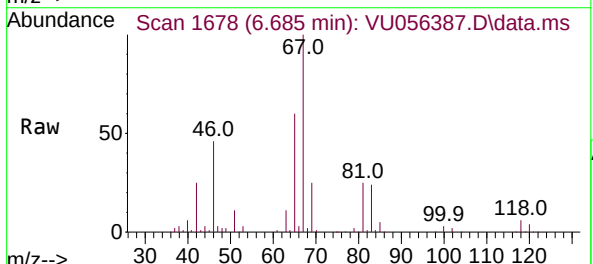
Instrument :  
MSVOA\_U  
ClientSampleId :

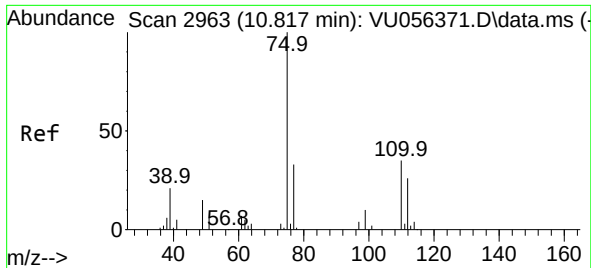
Tgt Ion: 83 Resp: 30200  
Ion Ratio Lower Upper  
83 100  
55 0.2 62.9 94.3#  
98 0.7 35.3 52.9#



#37  
1,2-Dichloropropane  
Concen: 0.732 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.100 min  
Lab File: VU056387.D  
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Tgt Ion: 63 Resp: 13680  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#





#61

1,2,3-Trichloropropane

Concen: 1.438 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

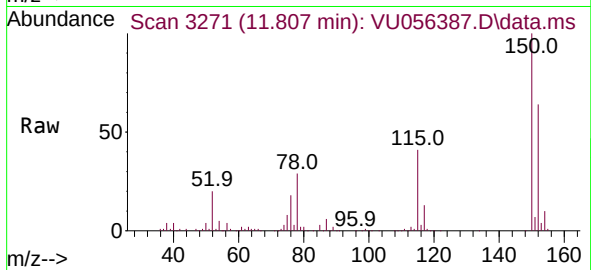
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Instrument :

MSVOA\_U

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 13673 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 1.5   | 30.4  | 45.6# |
| 77       | 34.9  | 27.0  | 40.6  |

