

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111823\  
 Data File : VU056486.D  
 Acq On : 18 Nov 2023 17:37  
 Operator : MD/SY  
 Sample : 05476-02  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 18 23:14:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 18 00:12:04 2023  
 Response via : Initial Calibration

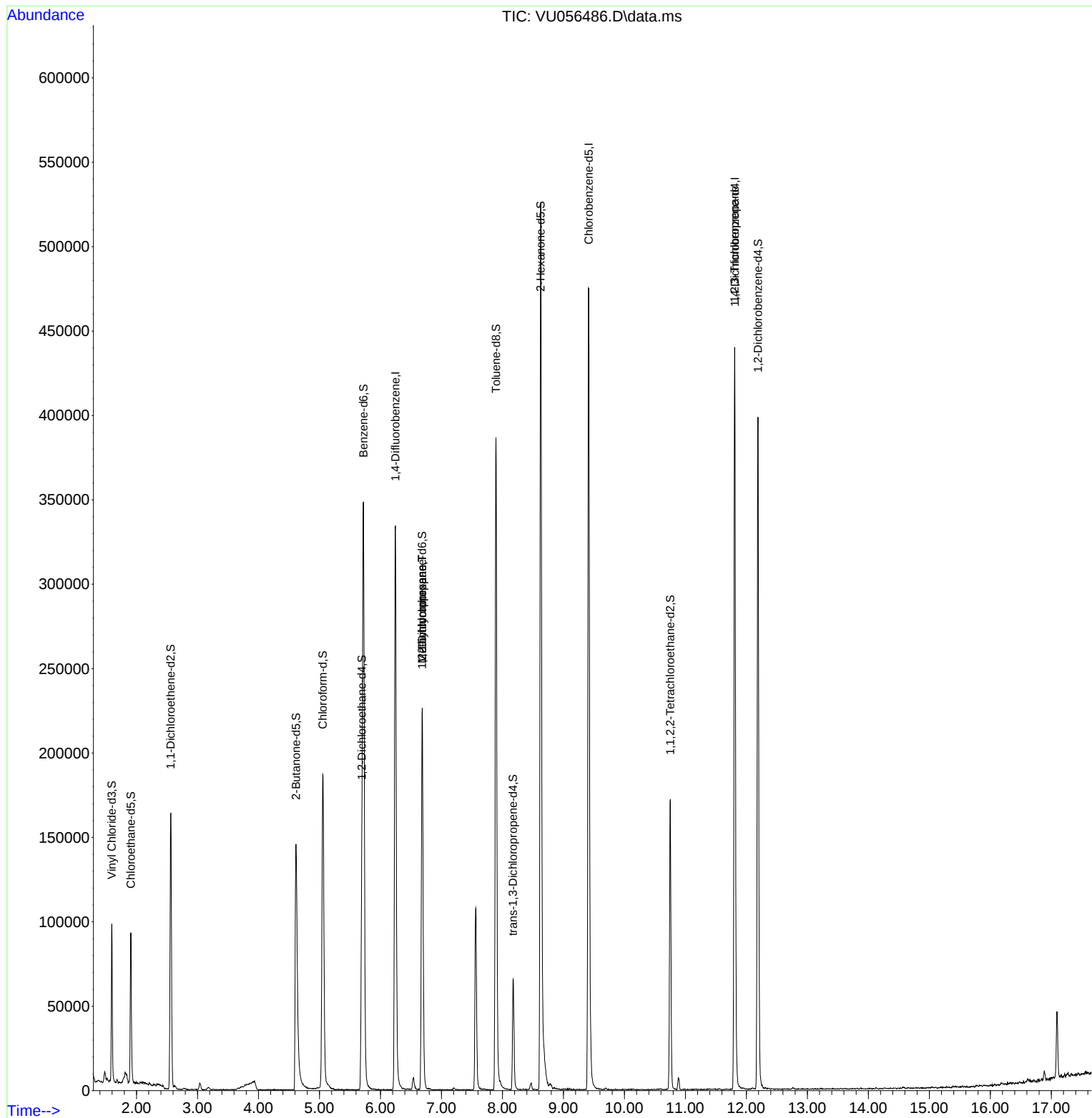
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 281387   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 279864   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152            | 118257   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 65638    | 3.119  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 62.400%  |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 66996    | 4.152  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 83.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 32469    | 3.496  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 70.000%  |          |
| 20) 2-Butanone-d5             | 4.615  | 46             | 228337   | 54.408 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 108.820% |          |
| 24) Chloroform-d              | 5.055  | 84             | 181378   | 4.455  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 92711    | 4.928  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.600%  |          |
| 32) Benzene-d6                | 5.721  | 84             | 330196   | 3.960  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 79.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 109345   | 4.351  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 87.000%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 268333   | 3.644  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 72.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 39527    | 4.101  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 82.000%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 180571   | 47.674 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 95.340%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 85964    | 4.787  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 95.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 107138   | 4.904  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 98.000%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 35) Methylcyclohexane         | 6.685  | 83             | 27211    | 0.866  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.682  | 63             | 11780    | 0.566  | ug/L #   | 88       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 14770    | 1.456  | ug/L #   | 66       |

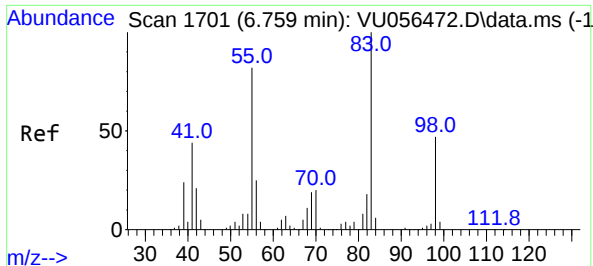
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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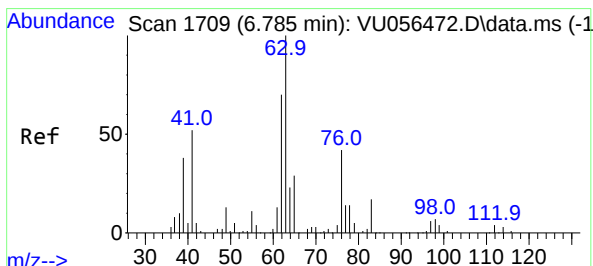
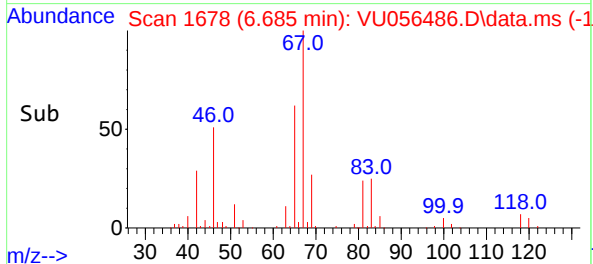
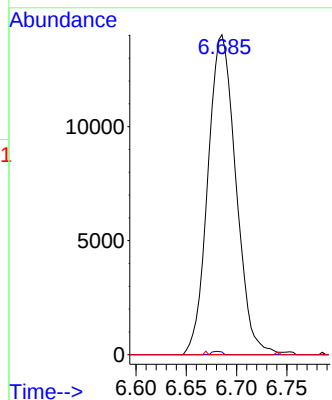
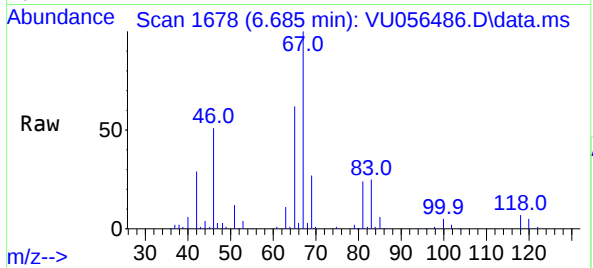




#35  
Methylcyclohexane  
Concen: 0.866 ug/L  
RT: 6.685 min Scan# 1677  
Delta R.T. -0.074 min  
Lab File: VU056486.D  
Acq: 18 Nov 2023 17:37

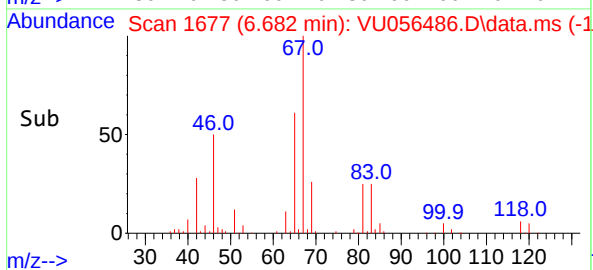
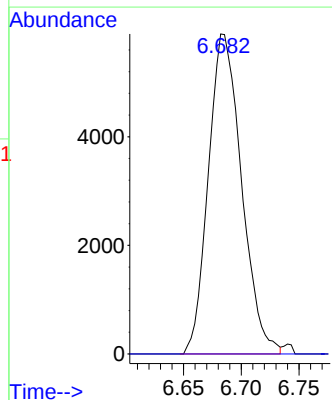
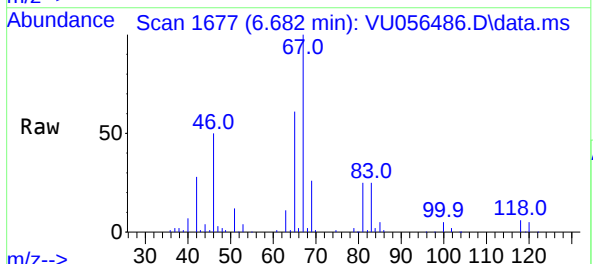
Instrument :  
MSVOA\_U  
ClientSampleId :

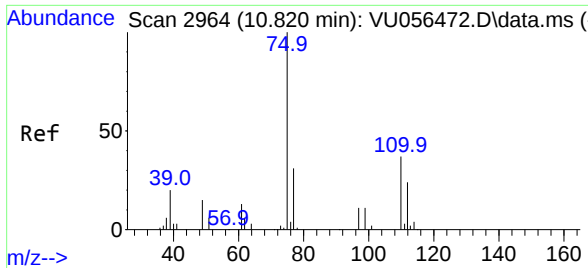
Tgt Ion: 83 Resp: 27211  
Ion Ratio Lower Upper  
83 100  
55 0.4 62.9 94.3#  
98 0.1 35.3 52.9#



#37  
1,2-Dichloropropane  
Concen: 0.566 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.103 min  
Lab File: VU056486.D  
Acq: 18 Nov 2023 17:37

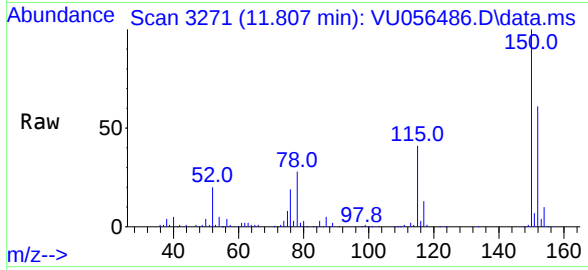
Tgt Ion: 63 Resp: 11780  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#





#61  
1,2,3-Trichloropropane  
Concen: 1.456 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU056486.D  
Acq: 18 Nov 2023 17:37

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 14770 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 1.9   | 30.4  | 45.6# |
| 77       | 36.2  | 27.0  | 40.6  |

