

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092523\  
 Data File : VU055490.D  
 Acq On : 25 Sep 2023 13:08  
 Operator : MD/SY  
 Sample : 04581-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 26 01:22:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Sep 25 01:08:17 2023  
 Response via : Initial Calibration

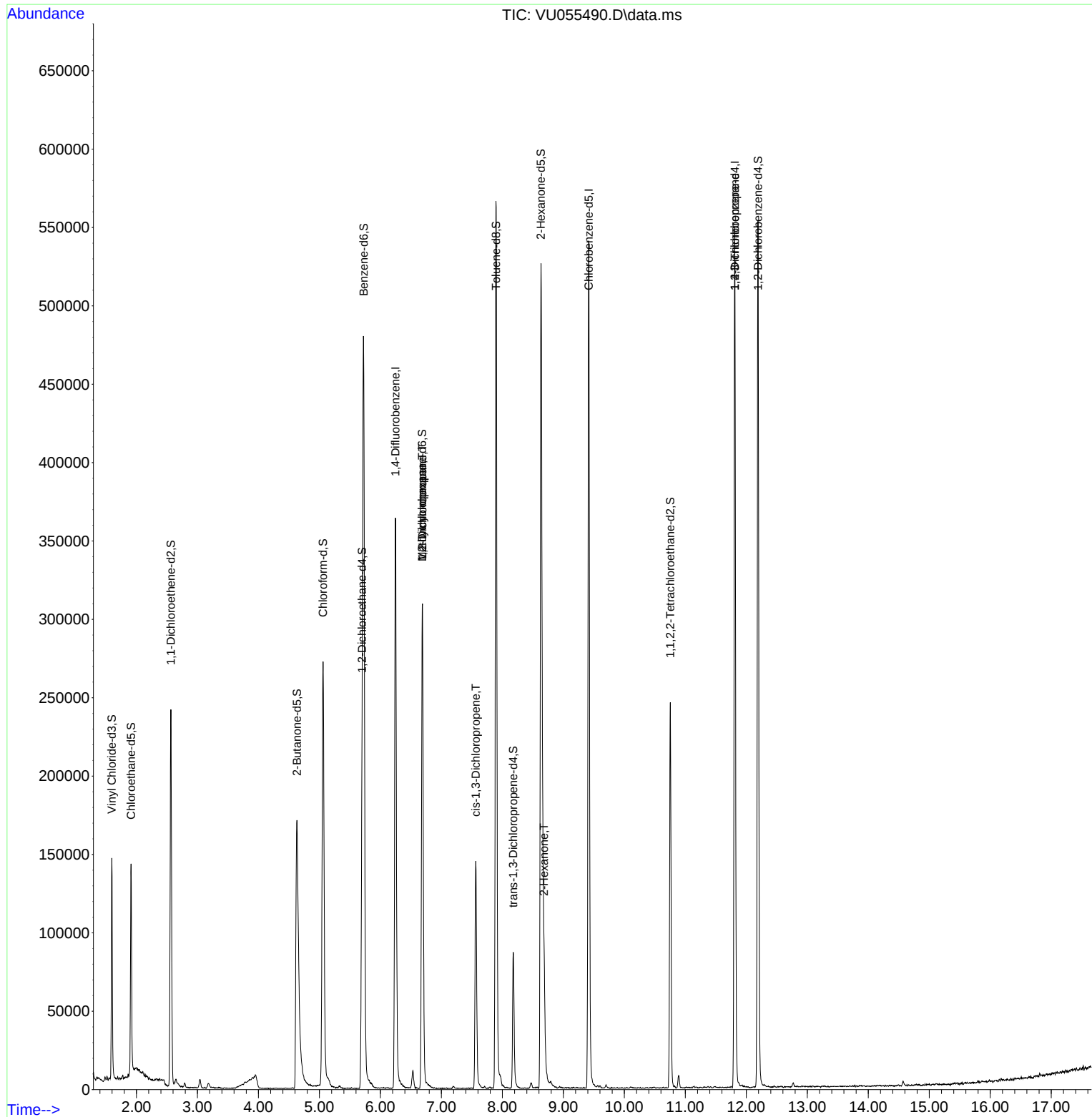
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 302500   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 313552   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 150910   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 102717   | 3.360    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 67.200%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 96265    | 3.573    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 71.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.564  | 65    | 45701    | 3.632    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.600%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 318454   | 57.667   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 115.340% |
| 24) Chloroform-d              | 5.059  | 84    | 254224   | 4.597    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.699  | 65    | 130056   | 4.889    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.800%  |
| 32) Benzene-d6                | 5.724  | 84    | 470500   | 4.290    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.686  | 67    | 156016   | 4.761    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.200%  |
| 41) Toluene-d8                | 7.895  | 98    | 396849   | 3.970    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.400%  |
| 43) trans-1,3-Dichloroprop... | 8.178  | 79    | 53835    | 4.681    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.600%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 166856   | 47.702   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 95.400%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 122709   | 4.997    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.000% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 151415   | 4.971    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.400%  |
| Target Compounds              |        |       |          |          |        |          |
| 35) Methylcyclohexane         | 6.686  | 83    | 37566    | 1.022    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.689  | 63    | 17448    | 0.739    | ug/L # | 89       |
| 39) cis-1,3-Dichloropropene   | 7.563  | 75    | 4598     | 0.146    | ug/L # | 67       |
| 48) 2-Hexanone                | 8.682  | 43    | 42491    | 5.121    | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.811 | 75    | 17601    | 1.494    | ug/L # | 68       |

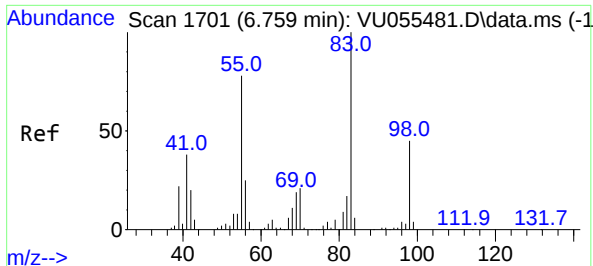
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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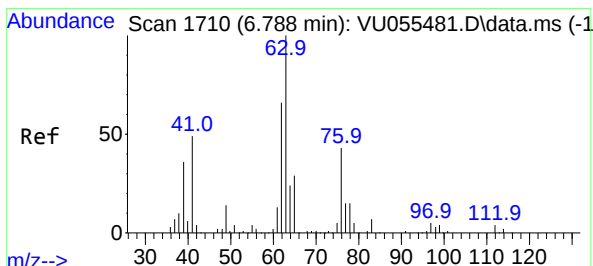
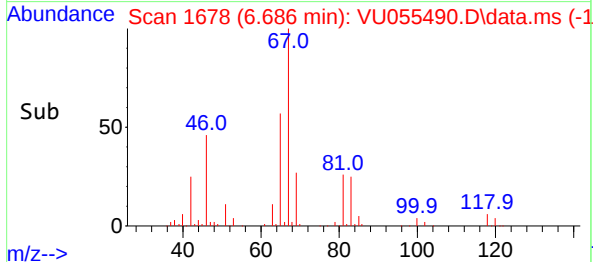
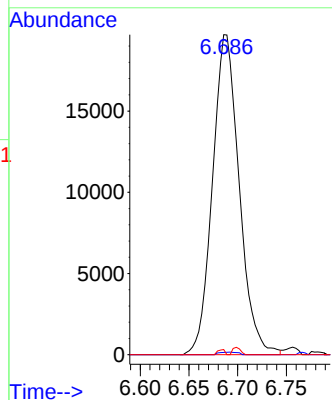
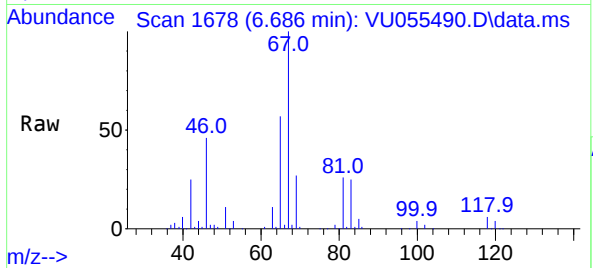




#35  
Methylcyclohexane  
Concen: 1.022 ug/L  
RT: 6.686 min Scan# 1678  
Delta R.T. -0.073 min  
Lab File: VU055490.D  
Acq: 25 Sep 2023 13:08

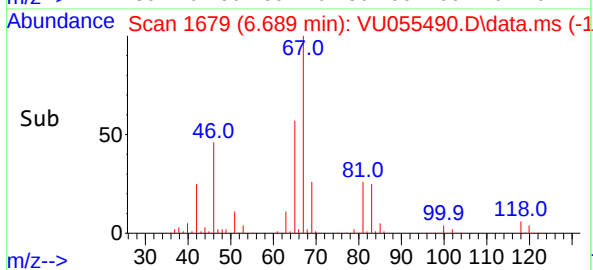
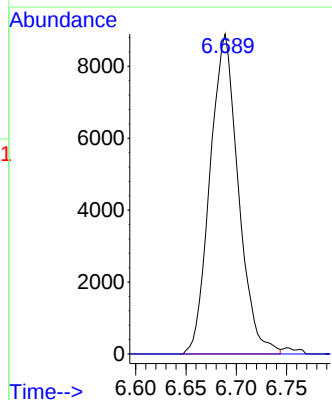
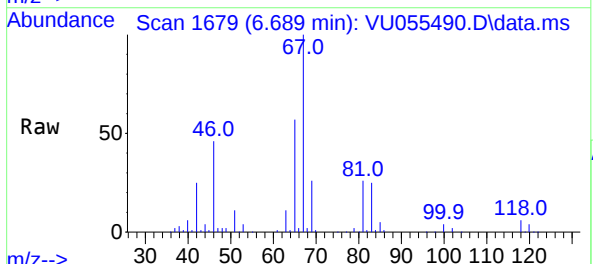
Instrument :  
MSVOA\_U  
ClientSampleId :

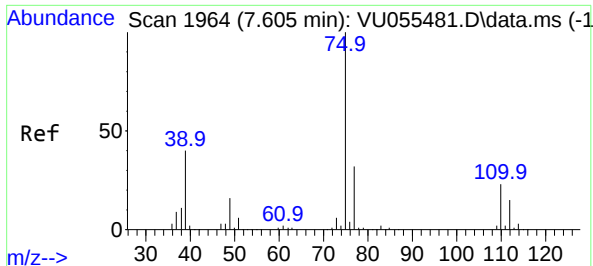
Tgt Ion: 83 Resp: 37566  
Ion Ratio Lower Upper  
83 100  
55 0.0 59.1 88.7#  
98 0.4 36.3 54.5#



#37  
1,2-Dichloropropane  
Concen: 0.739 ug/L  
RT: 6.689 min Scan# 1679  
Delta R.T. -0.099 min  
Lab File: VU055490.D  
Acq: 25 Sep 2023 13:08

Tgt Ion: 63 Resp: 17448  
Ion Ratio Lower Upper  
63 100  
112 0.1 3.0 4.6#

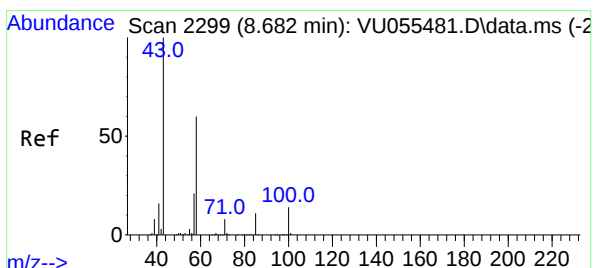
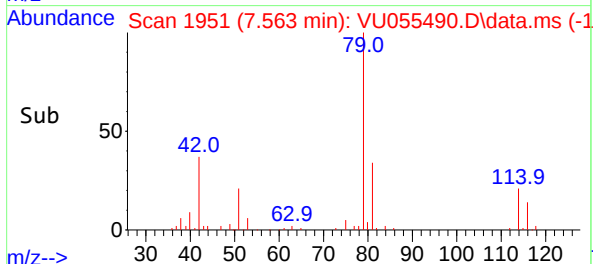
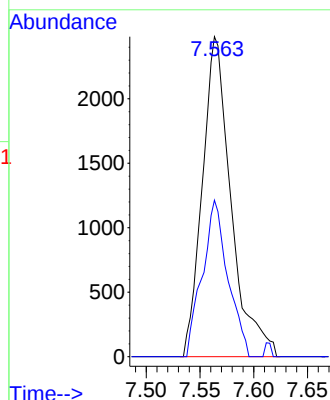
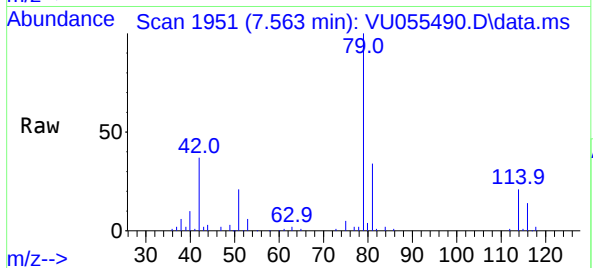




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.146 ug/L  
 RT: 7.563 min Scan# 1964  
 Delta R.T. -0.041 min  
 Lab File: VU055490.D  
 Acq: 25 Sep 2023 13:08

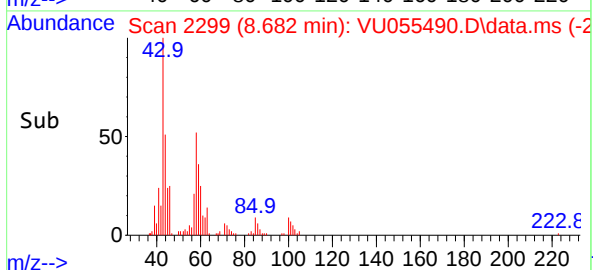
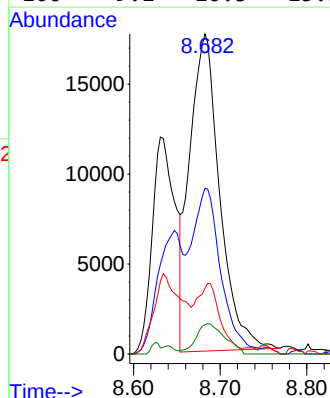
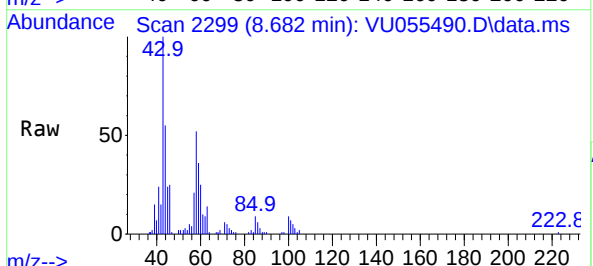
Instrument :  
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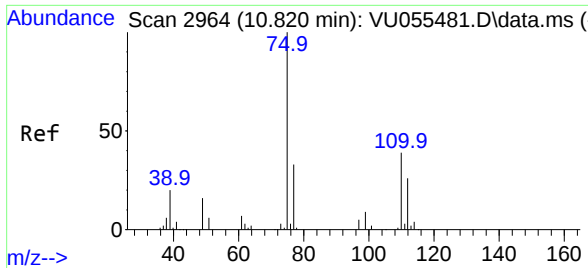
Tgt Ion: 75 Resp: 4598  
 Ion Ratio Lower Upper  
 75 100  
 77 48.9 21.6 40.2#



#48  
 2-Hexanone  
 Concen: 5.121 ug/L  
 RT: 8.682 min Scan# 2299  
 Delta R.T. -0.003 min  
 Lab File: VU055490.D  
 Acq: 25 Sep 2023 13:08

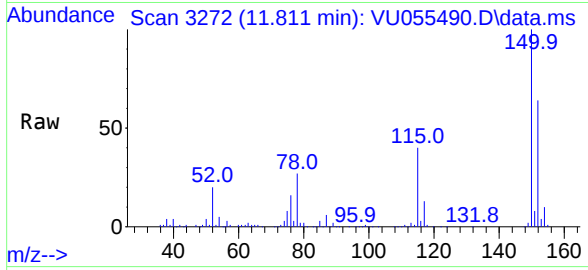
Tgt Ion: 43 Resp: 42491  
 Ion Ratio Lower Upper  
 43 100  
 58 49.8 48.5 72.7  
 57 15.8 17.0 25.4#  
 100 9.1 10.3 15.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.494 ug/L  
 RT: 11.811 min Scan# 31  
 Delta R.T. 0.991 min  
 Lab File: VU055490.D  
 Acq: 25 Sep 2023 13:08

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 17601       |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 110         | 2.2   | 30.6 45.8#  |
| 77          | 33.9  | 26.7 40.1   |

