

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090523\  
 Data File : VU055085.D  
 Acq On : 05 Sep 2023 11:35  
 Operator : MD/SY  
 Sample : 04153-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 06 02:15:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 06 02:14:32 2023  
 Response via : Initial Calibration

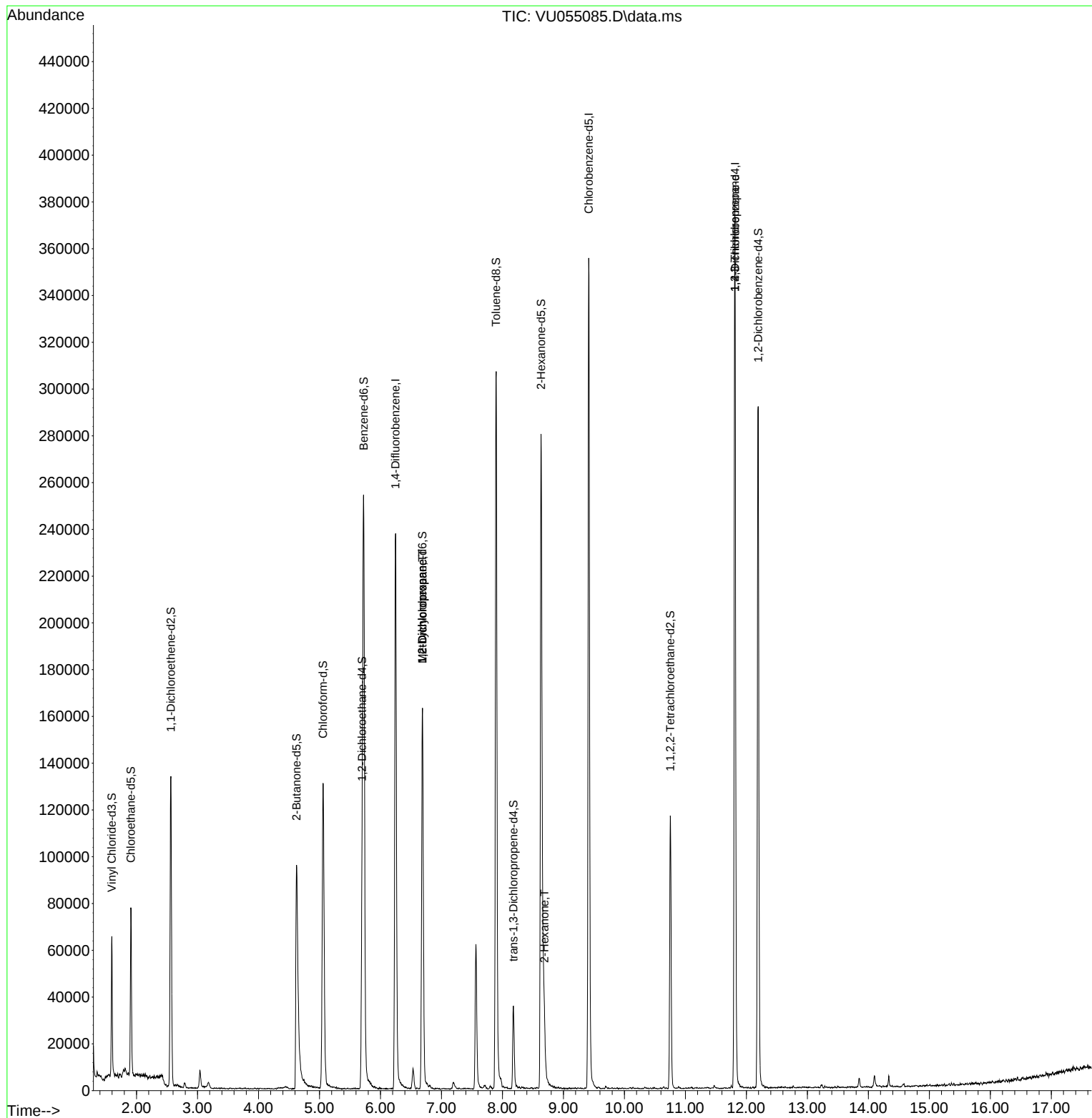
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 192070   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 191978   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814 | 152   | 97406    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 41824    | 4.646    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 93.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 49199    | 4.722    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 24820    | 4.839    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 96.800%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 149209   | 57.118   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 114.240% |
| 24) Chloroform-d              | 5.058  | 84    | 118423   | 4.958    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 62159    | 5.201    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.000% |
| 32) Benzene-d6                | 5.724  | 84    | 234500   | 4.949    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 79627    | 5.283    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 105.600% |
| 41) Toluene-d8                | 7.897  | 98    | 207930   | 4.763    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.200%  |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79    | 21020    | 5.064    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 101.200% |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 96173    | 57.072   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 114.140% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 57601    | 5.434    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 108.600% |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152   | 74220    | 5.220    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 35) Methylcyclohexane         | 6.689  | 83    | 18434    | 1.157    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.689  | 63    | 9098     | 0.818    | ug/L # | 88       |
| 48) 2-Hexanone                | 8.688  | 43    | 16398    | 3.299    | ug/L # | 97       |
| 61) 1,2,3-Trichloropropane    | 11.810 | 75    | 13888    | 2.149    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

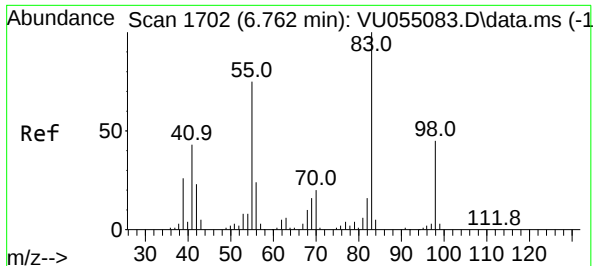
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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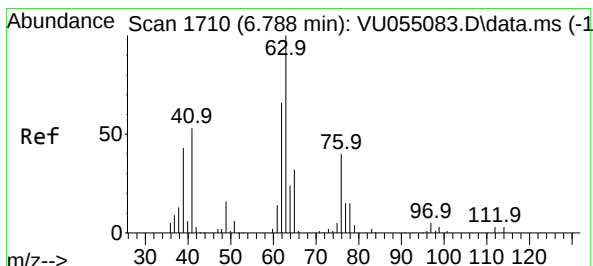
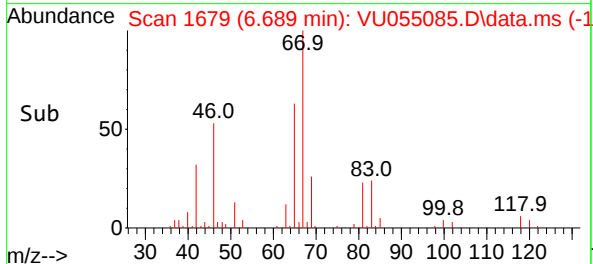
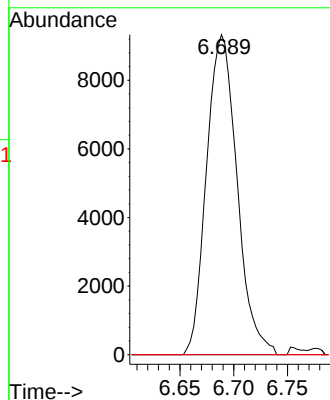
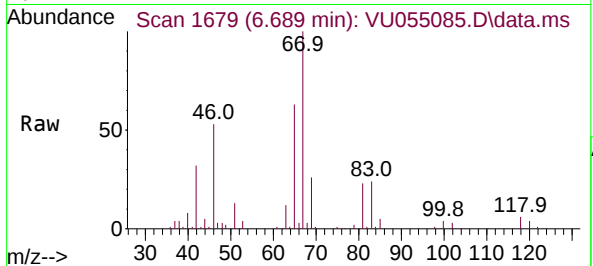




#35  
Methylcyclohexane  
Concen: 1.157 ug/L  
RT: 6.689 min Scan# 1679  
Delta R.T. -0.074 min  
Lab File: VU055085.D  
Acq: 05 Sep 2023 11:35

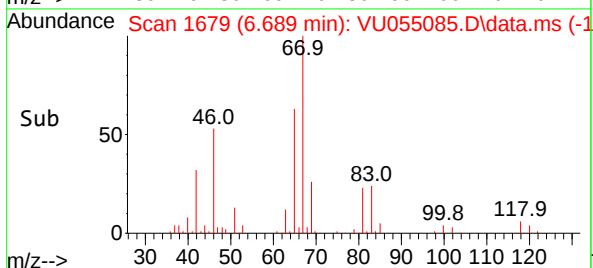
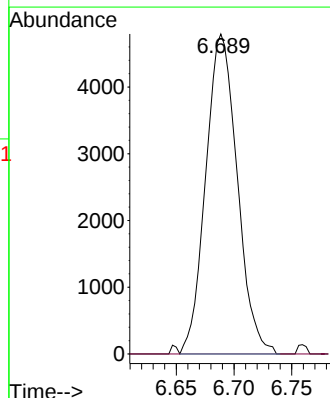
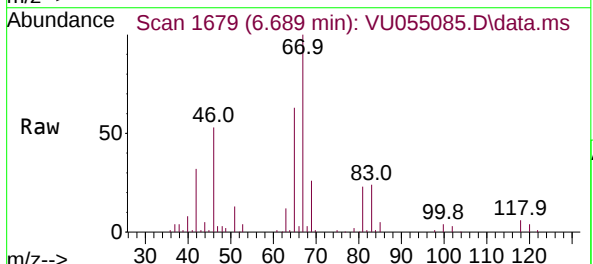
Instrument :  
MSVOA\_U  
ClientSampleId :

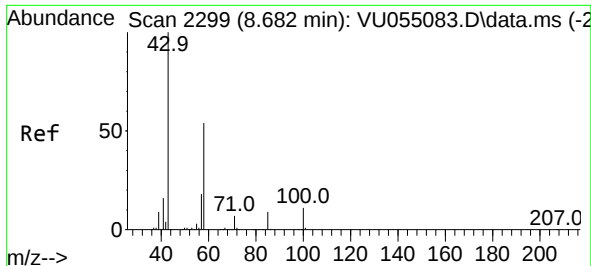
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.0   | 60.4  | 90.6# |
| 98      | 0.2   | 35.3  | 52.9# |



#37  
1,2-Dichloropropane  
Concen: 0.818 ug/L  
RT: 6.689 min Scan# 1679  
Delta R.T. -0.100 min  
Lab File: VU055085.D  
Acq: 05 Sep 2023 11:35

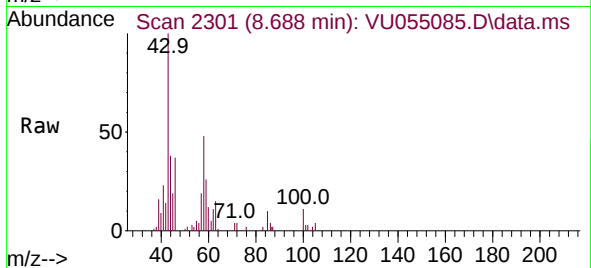
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 3.2   | 4.8#  |



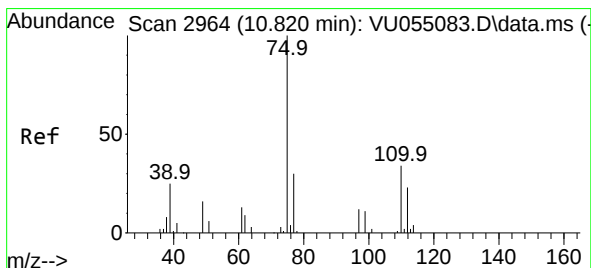
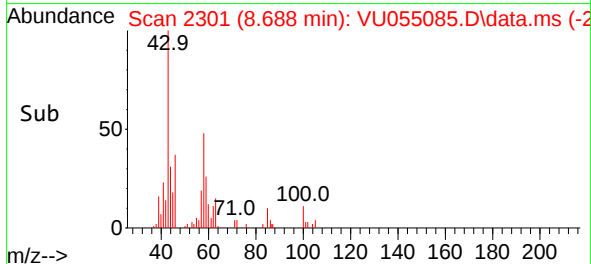
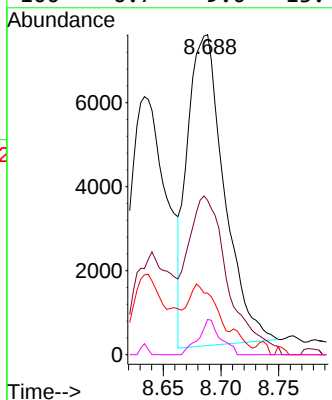


#48  
2-Hexanone  
Concen: 3.299 ug/L  
RT: 8.688 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VU055085.D  
Acq: 05 Sep 2023 11:35

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16398 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 56.0  | 44.0  | 66.0  |
| 57       | 21.1  | 16.2  | 24.2  |
| 100      | 6.7   | 9.0   | 13.4  |



#61  
1,2,3-Trichloropropane  
Concen: 2.149 ug/L  
RT: 11.810 min Scan# 3272  
Delta R.T. 0.990 min  
Lab File: VU055085.D  
Acq: 05 Sep 2023 11:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 13888 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 2.3   | 28.2  | 42.2  |
| 77       | 34.1  | 26.2  | 39.4  |

