

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092021\  
 Data File : VU044719.D  
 Acq On : 20 Sep 2021 19:17  
 Operator : SY/MD  
 Sample : M3789-10  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 21 02:51:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090921WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Sep 21 02:46:41 2021  
 Response via : Initial Calibration

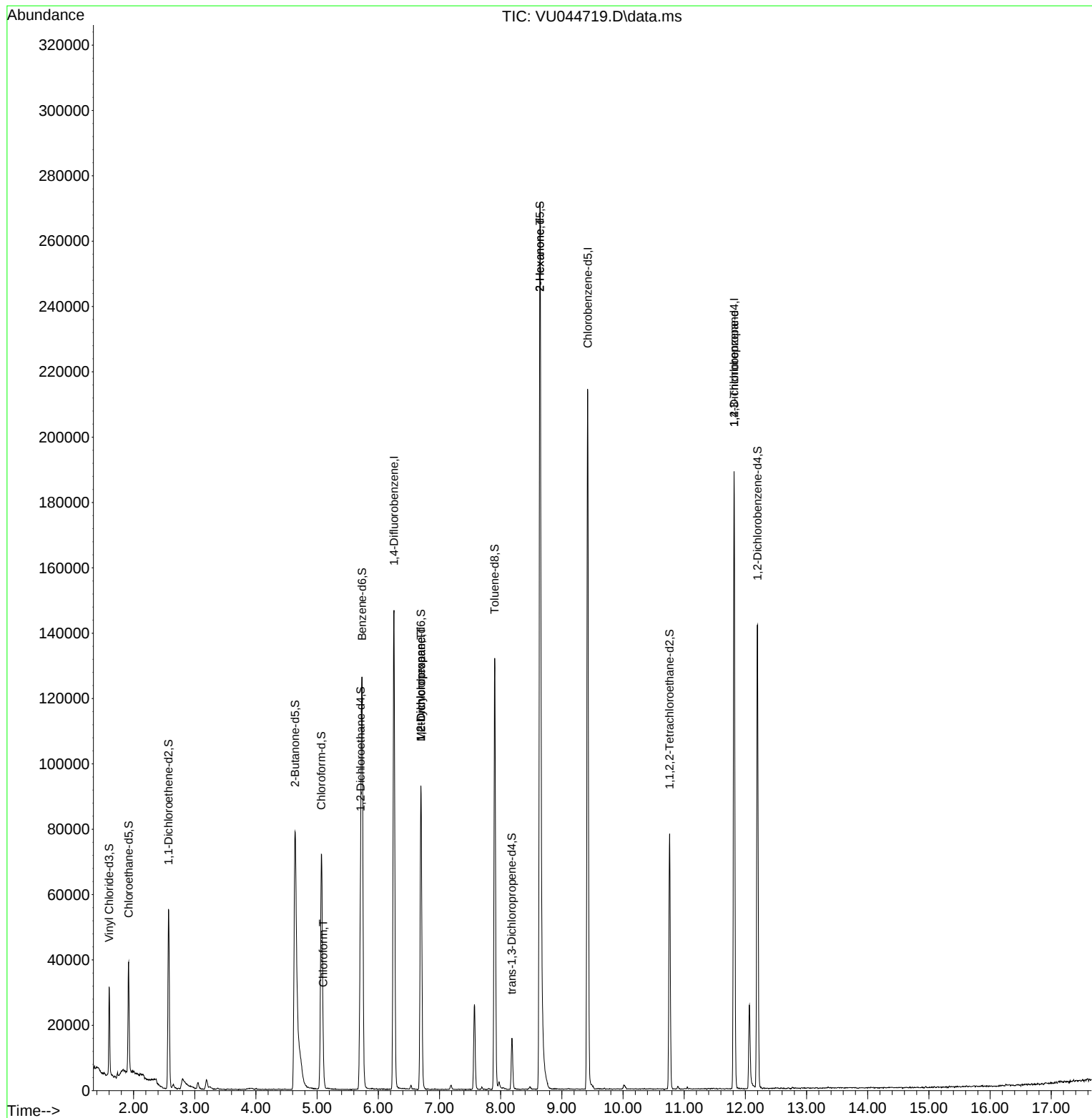
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 109294   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 111855   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816 | 152   | 45751    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 18734    | 2.905    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 58.200%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 24279    | 3.689    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 73.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 10663    | 3.274    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 65.400%  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 151030   | 55.869   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 111.740% |
| 24) Chloroform-d              | 5.070  | 84    | 64223    | 4.735    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 38239    | 4.728    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.600%  |
| 32) Benzene-d6                | 5.735  | 84    | 110813   | 3.885    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67    | 43114    | 4.603    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.000%  |
| 41) Toluene-d8                | 7.902  | 98    | 84117    | 3.388    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 67.800%# |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 8874     | 2.688    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 53.800%# |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 106629   | 50.249   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 100.500% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84    | 39027    | 4.699    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 33502    | 4.438    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 88.800%  |
| Target Compounds              |        |       |          |          |        |          |
| 25) Chloroform                | 5.099  | 83    | 5338     | 0.332    | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.697  | 83    | 9392     | 0.695    | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 4567     | 0.513    | ug/L # | 88       |
| 48) 2-Hexanone                | 8.642  | 43    | 13647    | 2.648    | ug/L # | 75       |
| 61) 1,2,3-Trichloropropane    | 11.816 | 75    | 6371     | 1.260    | ug/L # | 68       |

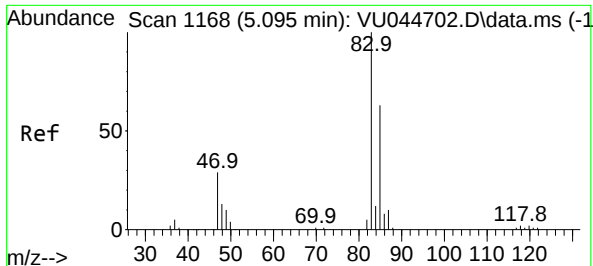
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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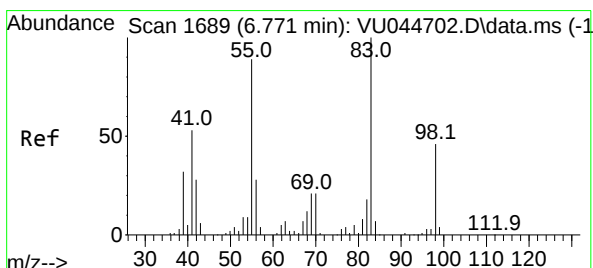
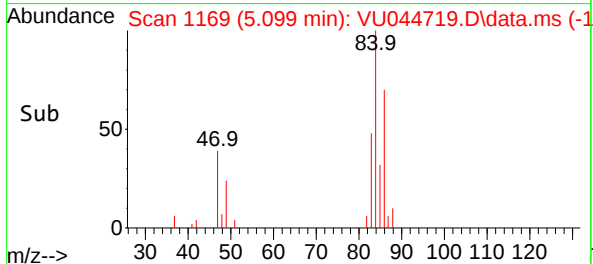
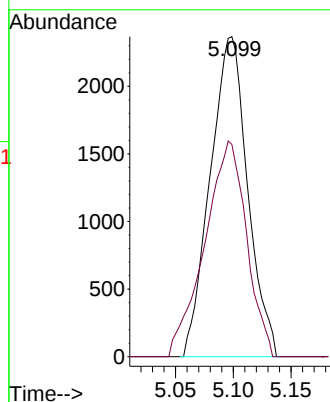
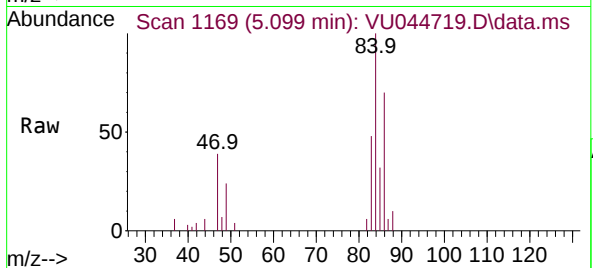


#25

Chloroform  
Concen: 0.332 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.003 min  
Lab File: VU044719.D  
Acq: 20 Sep 2021 19:17

Instrument :  
MSVOA\_U  
ClientSampleId :

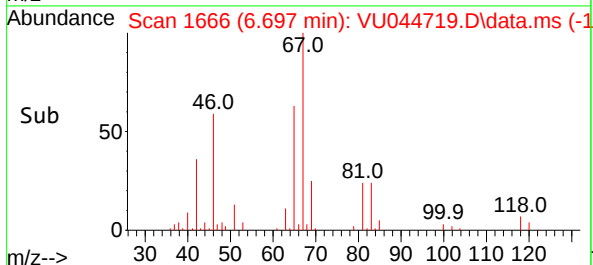
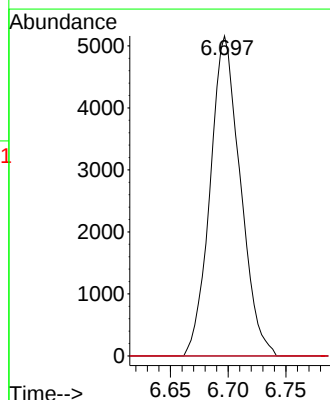
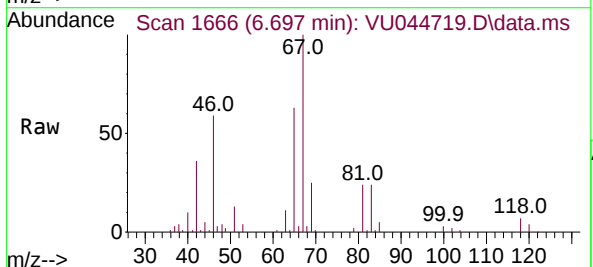
Tgt Ion: 83 Resp: 5338  
Ion Ratio Lower Upper  
83 100  
85 66.3 44.2 82.0

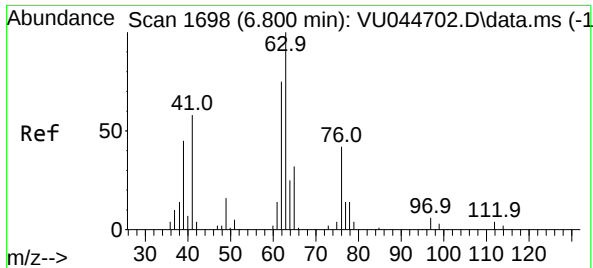


#35

Methylcyclohexane  
Concen: 0.695 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.074 min  
Lab File: VU044719.D  
Acq: 20 Sep 2021 19:17

Tgt Ion: 83 Resp: 9392  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.3 102.5#  
98 0.5 37.3 55.9#



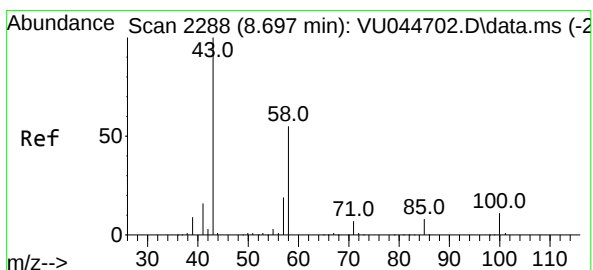
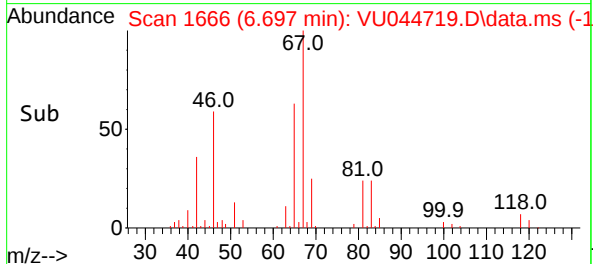
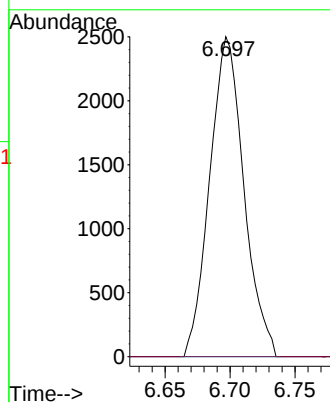
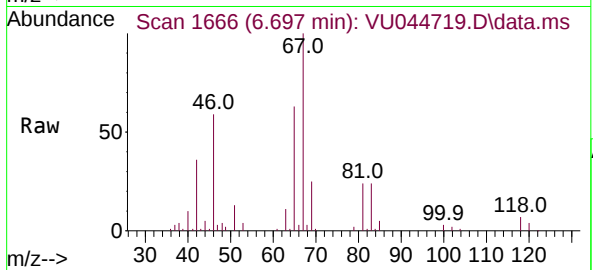


#37

1,2-Dichloropropane  
Concen: 0.513 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.103 min  
Lab File: VU044719.D  
Acq: 20 Sep 2021 19:17

Instrument :  
MSVOA\_U  
ClientSampled :

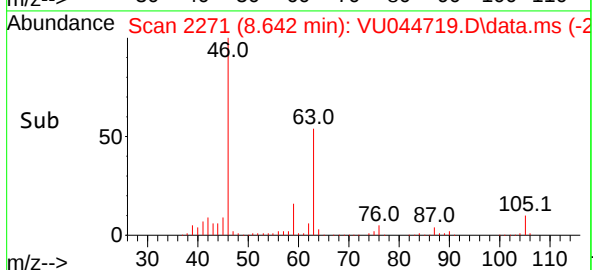
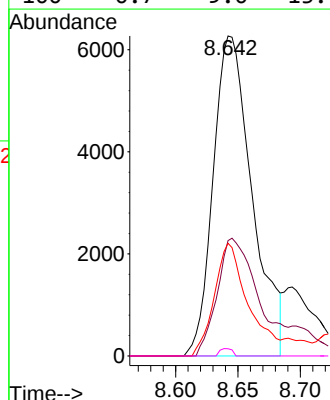
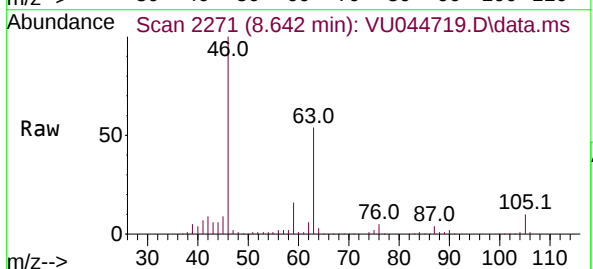
Tgt Ion: 63 Resp: 4567  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.1 4.7#

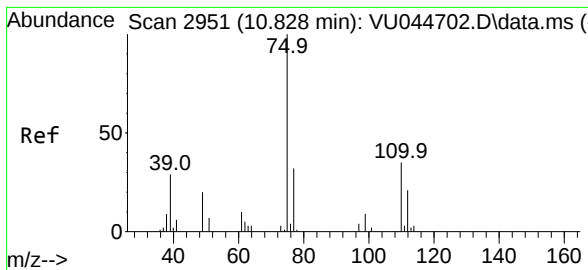


#48

2-Hexanone  
Concen: 2.648 ug/L  
RT: 8.642 min Scan# 2271  
Delta R.T. -0.055 min  
Lab File: VU044719.D  
Acq: 20 Sep 2021 19:17

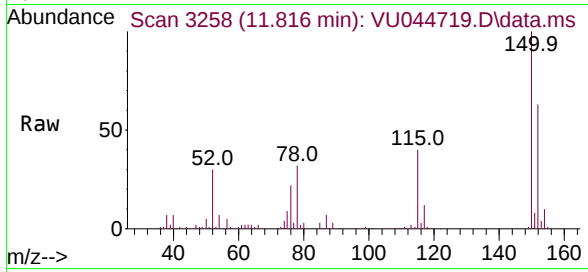
Tgt Ion: 43 Resp: 13647  
Ion Ratio Lower Upper  
43 100  
58 39.0 44.6 66.8#  
57 30.7 14.8 22.2#  
100 0.7 9.0 13.4#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.260 ug/L  
 RT: 11.816 min Scan# 3258  
 Delta R.T. 0.987 min  
 Lab File: VU044719.D  
 Acq: 20 Sep 2021 19:17

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6371  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 0.6   | 28.8  | 43.2# |
| 77       | 32.5  | 25.9  | 38.9  |

