

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012021\  
 Data File : VU042106.D  
 Acq On : 20 Jan 2021 15:23  
 Operator : SY/MD  
 Sample : M1164-04DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFXQ1DL

Quant Time: Jan 21 04:22:16 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR012021WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jan 21 04:09:50 2021  
 Response via : Initial Calibration

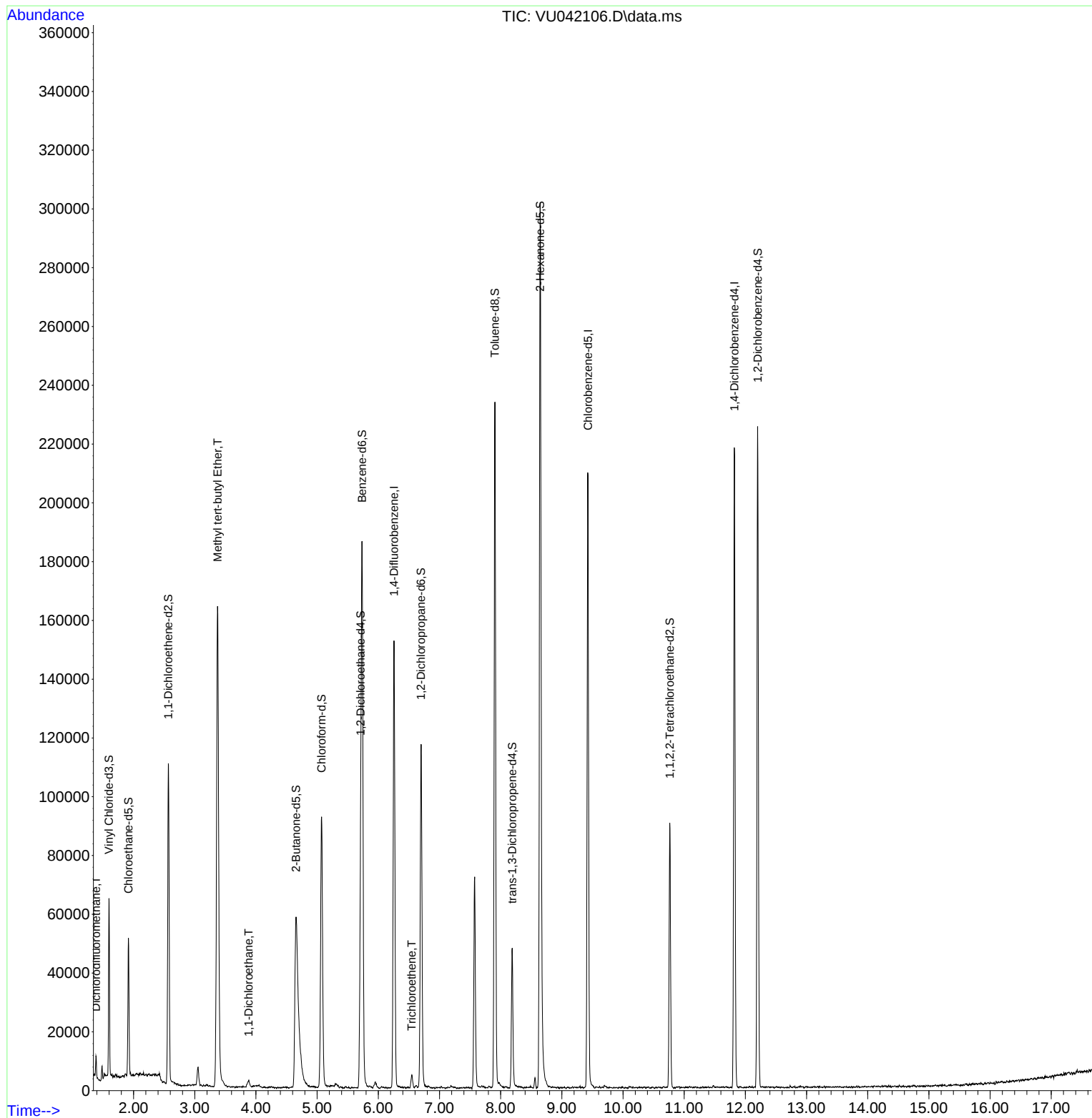
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 119626   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.427  | 117   | 110801   | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 56190    | 5.00     | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 39152    | 5.07     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 101.40%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 32218    | 5.18     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 103.60%  |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 63    | 67935    | 4.00     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 80.00%   |
| 20) 2-Butanone-d5             | 4.655  | 46    | 156172   | 55.46    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 110.92%  |
| 24) Chloroform-d              | 5.073  | 84    | 82918    | 5.15     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.00%  |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 51052    | 5.30     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.00%  |
| 32) Benzene-d6                | 5.735  | 84    | 157673   | 5.45     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 109.00%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 52268    | 5.60     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 112.00%  |
| 41) Toluene-d8                | 7.906  | 98    | 145264   | 5.31     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.20%  |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 25141    | 5.32     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 106.40%  |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 115641   | 56.15    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 112.30%  |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 43498    | 5.43     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 108.60%  |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 56535    | 5.60     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 112.00%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.385  | 85    | 3666     | 0.33     | ug/L   | 99       |
| 17) Methyl tert-butyl Ether   | 3.372  | 73    | 187430   | 7.99     | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.880  | 63    | 2983     | 0.19     | ug/L   | 99       |
| 34) Trichloroethene           | 6.546  | 95    | 1319     | 0.15     | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

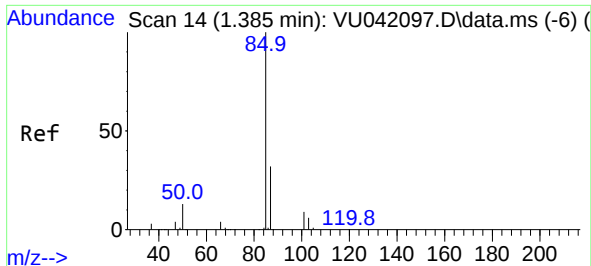
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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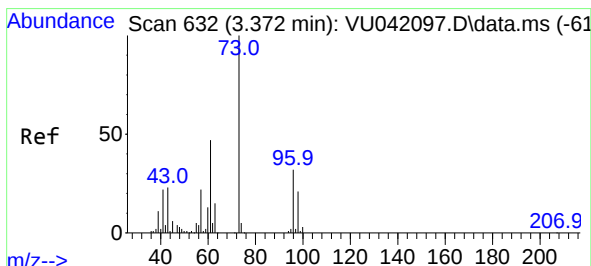
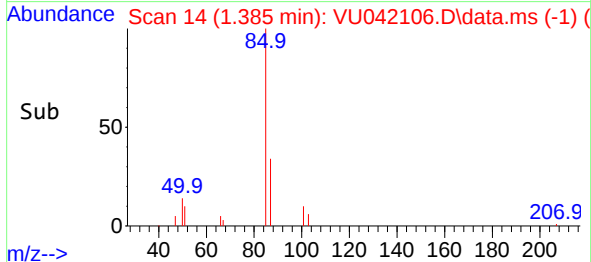
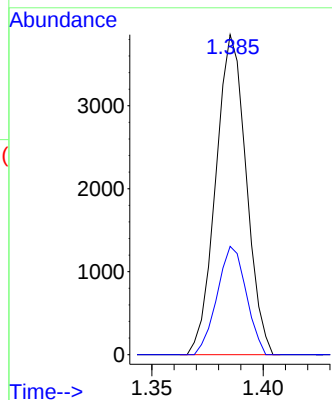
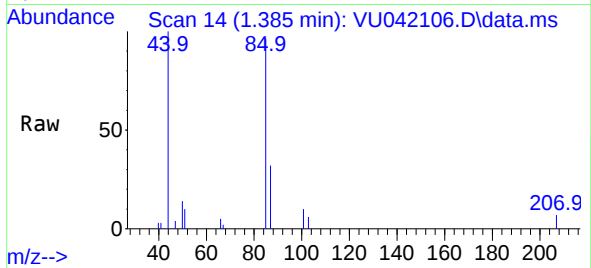




#2  
Dichlorodifluoromethane  
Concen: 0.33 ug/L  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU042106.D  
Acq: 20 Jan 2021 15:23

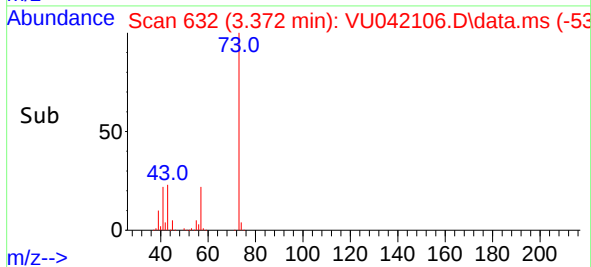
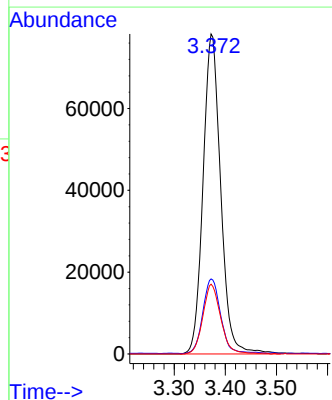
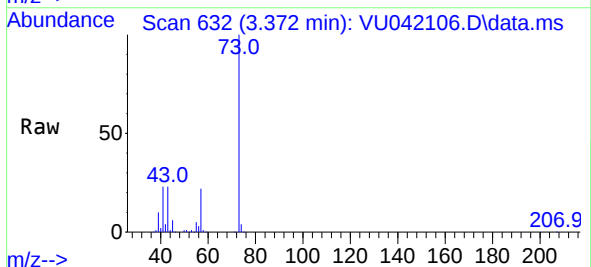
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFXQ1DL

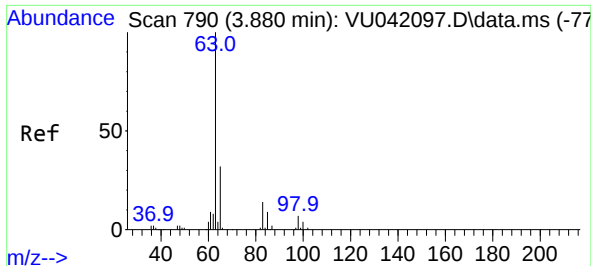
Tgt Ion: 85 Resp: 3666  
Ion Ratio Lower Upper  
85 100  
87 32.2 26.1 39.1



#17  
Methyl tert-butyl Ether  
Concen: 7.99 ug/L  
RT: 3.372 min Scan# 632  
Delta R.T. 0.000 min  
Lab File: VU042106.D  
Acq: 20 Jan 2021 15:23

Tgt Ion: 73 Resp: 187430  
Ion Ratio Lower Upper  
73 100  
43 23.4 18.9 28.3  
57 21.9 18.2 27.4

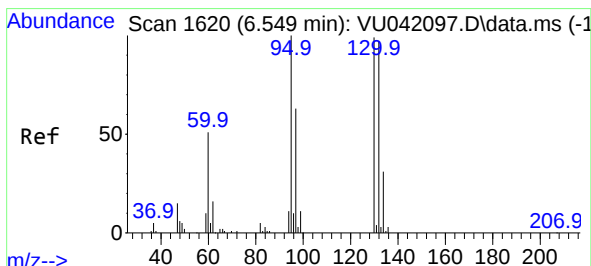
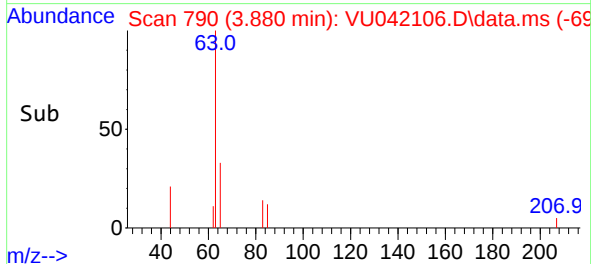
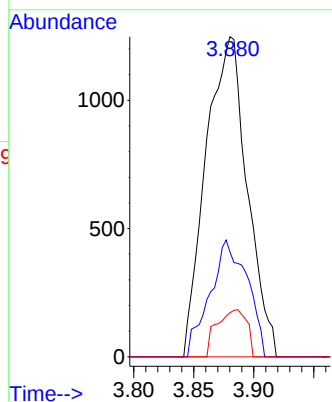
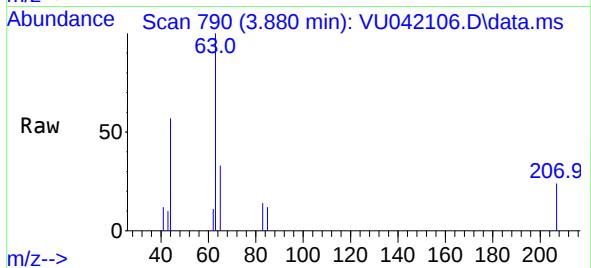




#19  
1,1-Dichloroethane  
Concen: 0.19 ug/L  
RT: 3.880 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: VU042106.D  
Acq: 20 Jan 2021 15:23

Instrument :  
MSVOA\_U  
ClientSampled :  
BFXQ1DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 2983  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 32.8  | 22.5  | 41.9  |
| 83       | 13.8  | 10.1  | 18.7  |



#34  
Trichloroethene  
Concen: 0.15 ug/L  
RT: 6.546 min Scan# 1619  
Delta R.T. -0.003 min  
Lab File: VU042106.D  
Acq: 20 Jan 2021 15:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 1319  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 64.4  | 44.4  | 82.4  |
| 132      | 100.1 | 68.0  | 126.4 |
| 130      | 93.2  | 69.2  | 128.4 |

