

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090721\  
 Data File : VU044588.D  
 Acq On : 07 Sep 2021 17:03  
 Operator : SY/MD  
 Sample : M3647-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 08 02:38:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 08 02:31:37 2021  
 Response via : Initial Calibration

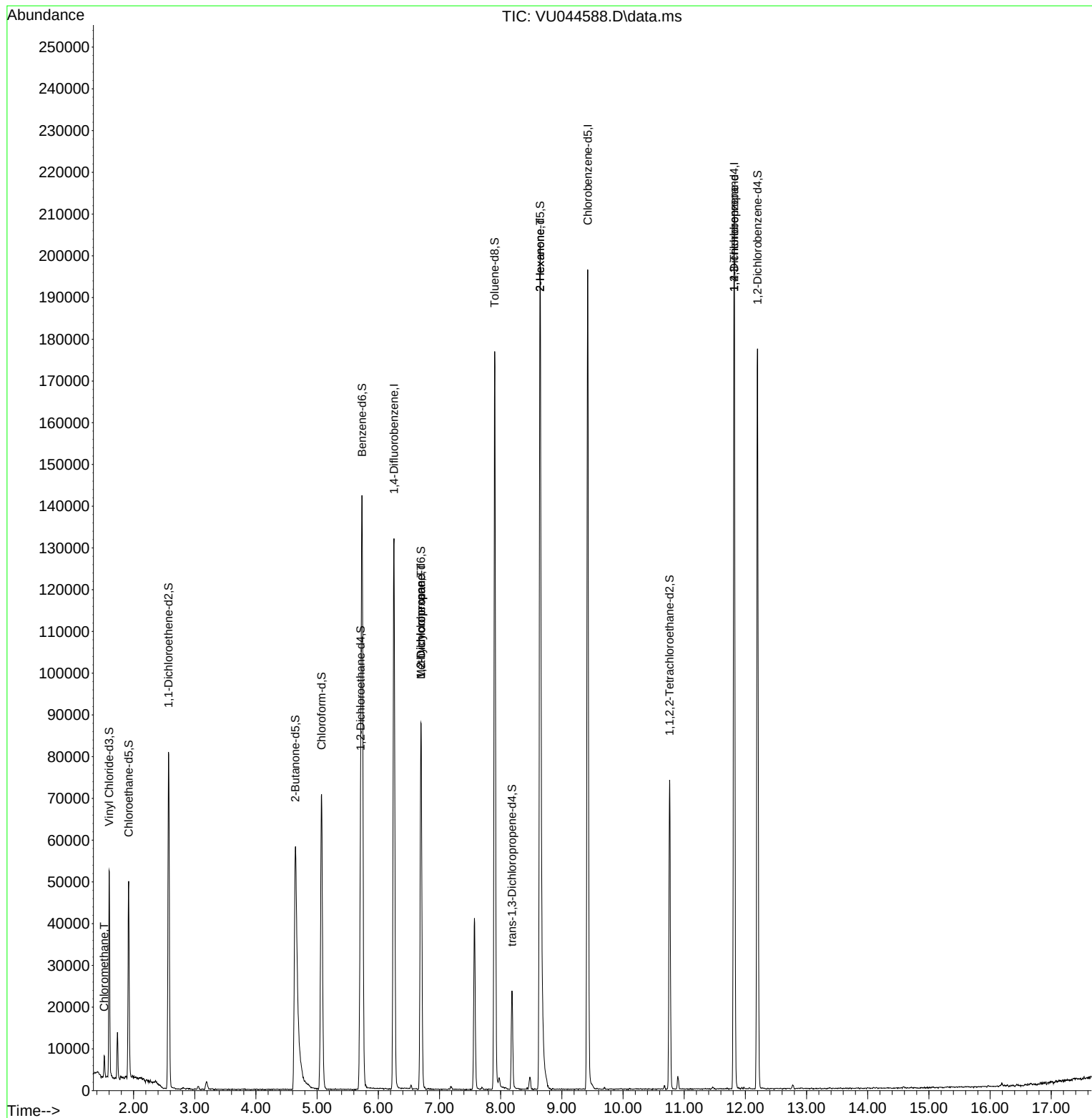
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 110842   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 114131   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 57770    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 34172    | 3.812    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 76.200%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 36054    | 4.628    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 92.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 14605    | 3.830    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 76.600%  |
| 20) 2-Butanone-d5             | 4.645  | 46    | 101369   | 40.887   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.780%  |
| 24) Chloroform-d              | 5.073  | 84    | 66268    | 4.181    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 37030    | 4.284    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.600%  |
| 32) Benzene-d6                | 5.735  | 84    | 135089   | 4.203    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67    | 41775    | 4.063    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 81.200%  |
| 41) Toluene-d8                | 7.902  | 98    | 117317   | 4.117    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.400%  |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 14178    | 3.840    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 76.800%  |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 87952    | 44.048   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 88.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84    | 37694    | 4.353    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 87.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 47643    | 4.881    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.600%  |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.520  | 50    | 3501     | 0.234    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.700  | 83    | 10568    | 0.662    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 4445     | 0.438    | ug/L # | 88       |
| 48) 2-Hexanone                | 8.645  | 43    | 11601    | 2.362    | ug/L # | 65       |
| 61) 1,2,3-Trichloropropane    | 11.815 | 75    | 6905     | 0.957    | ug/L # | 68       |

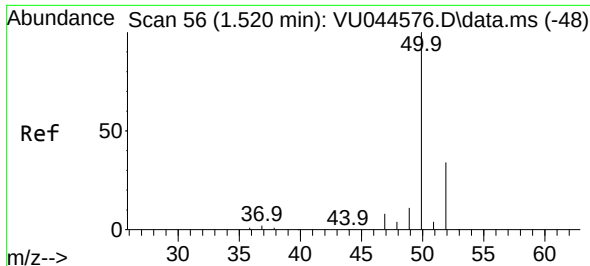
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_U  
ClientSampleId :

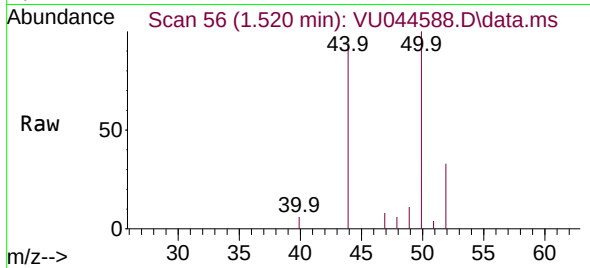
Quant Time: Sep 08 02:38:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Sep 08 02:31:37 2021  
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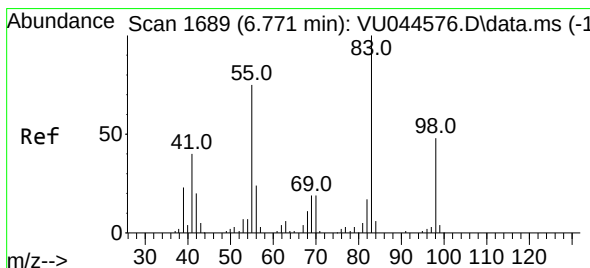
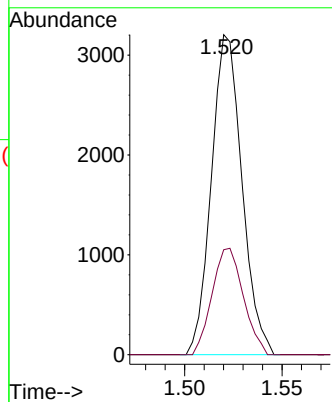
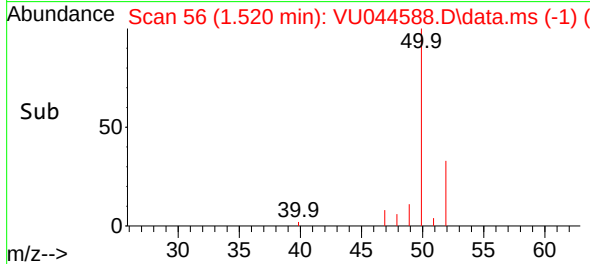


#3  
Chloromethane  
Concen: 0.234 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.000 min  
Lab File: VU044588.D  
Acq: 07 Sep 2021 17:03

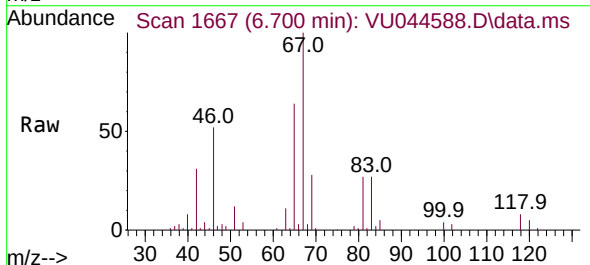
Instrument :  
MSVOA\_U  
ClientSampled :



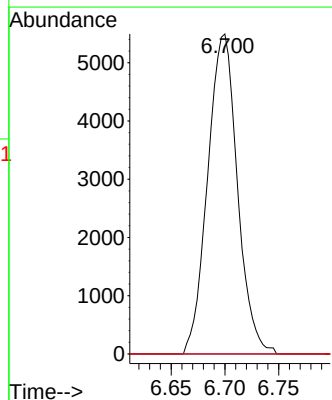
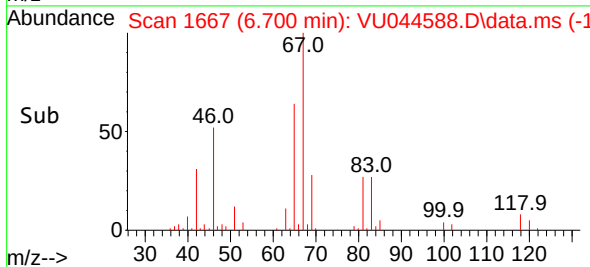
Tgt Ion: 50 Resp: 3501  
Ion Ratio Lower Upper  
50 100  
52 32.8 22.8 42.4

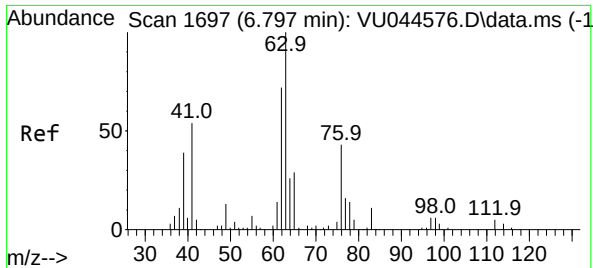


#35  
Methylcyclohexane  
Concen: 0.662 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.071 min  
Lab File: VU044588.D  
Acq: 07 Sep 2021 17:03



Tgt Ion: 83 Resp: 10568  
Ion Ratio Lower Upper  
83 100  
55 0.0 64.8 97.2#  
98 0.0 37.5 56.3#

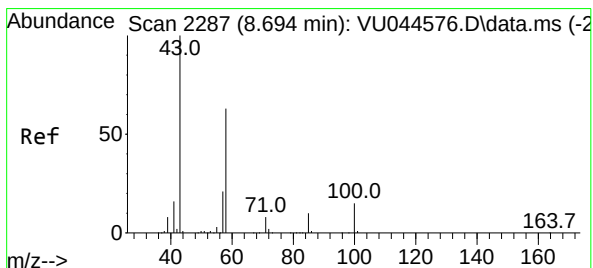
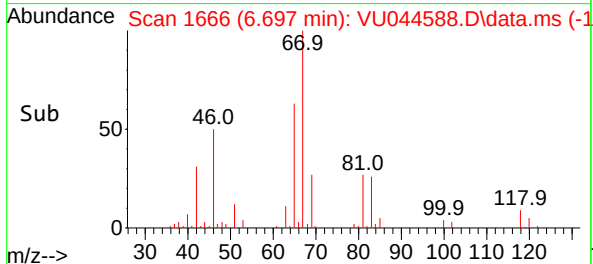
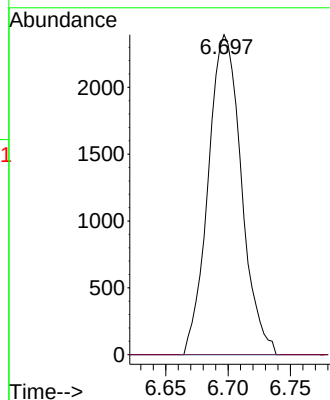
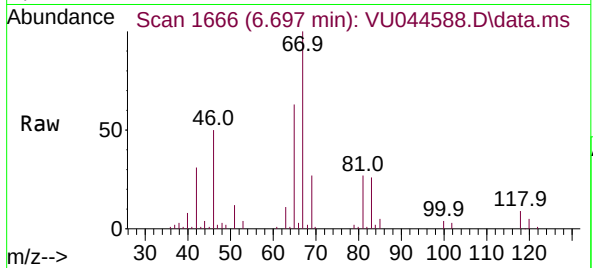




#37  
1,2-Dichloropropane  
Concen: 0.438 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.100 min  
Lab File: VU044588.D  
Acq: 07 Sep 2021 17:03

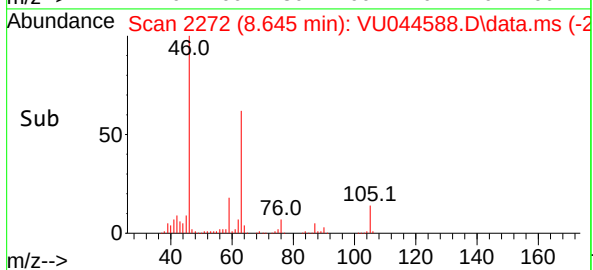
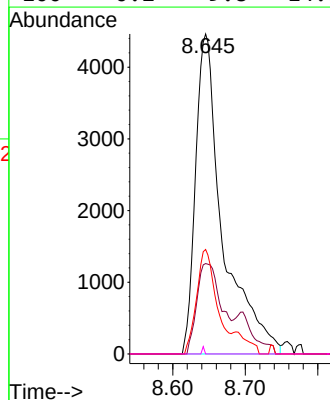
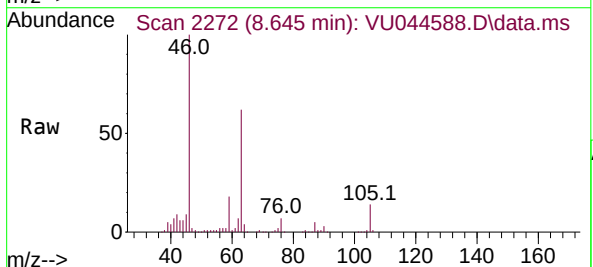
Instrument :  
MSVOA\_U  
ClientSampled :

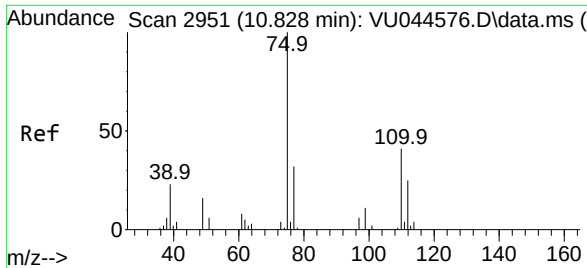
Tgt Ion: 63 Resp: 4445  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#



#48  
2-Hexanone  
Concen: 2.362 ug/L  
RT: 8.645 min Scan# 2272  
Delta R.T. -0.048 min  
Lab File: VU044588.D  
Acq: 07 Sep 2021 17:03

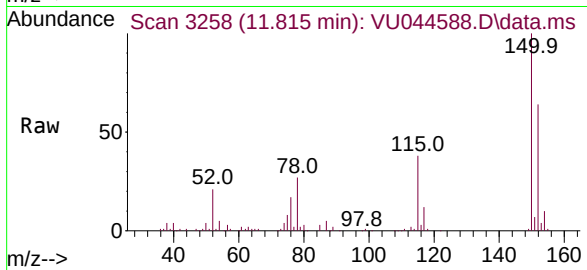
Tgt Ion: 43 Resp: 11601  
Ion Ratio Lower Upper  
43 100  
58 25.3 46.5 69.7#  
57 24.1 15.8 23.8#  
100 0.2 9.8 14.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 0.957 ug/L  
 RT: 11.815 min Scan# 3258  
 Delta R.T. 0.987 min  
 Lab File: VU044588.D  
 Acq: 07 Sep 2021 17:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6905  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 0.6   | 28.4  | 42.6# |
| 77       | 31.4  | 26.5  | 39.7  |

