

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092021\  
 Data File : VU044717.D  
 Acq On : 20 Sep 2021 18:29  
 Operator : SY/MD  
 Sample : M3789-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 21 02:50:46 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

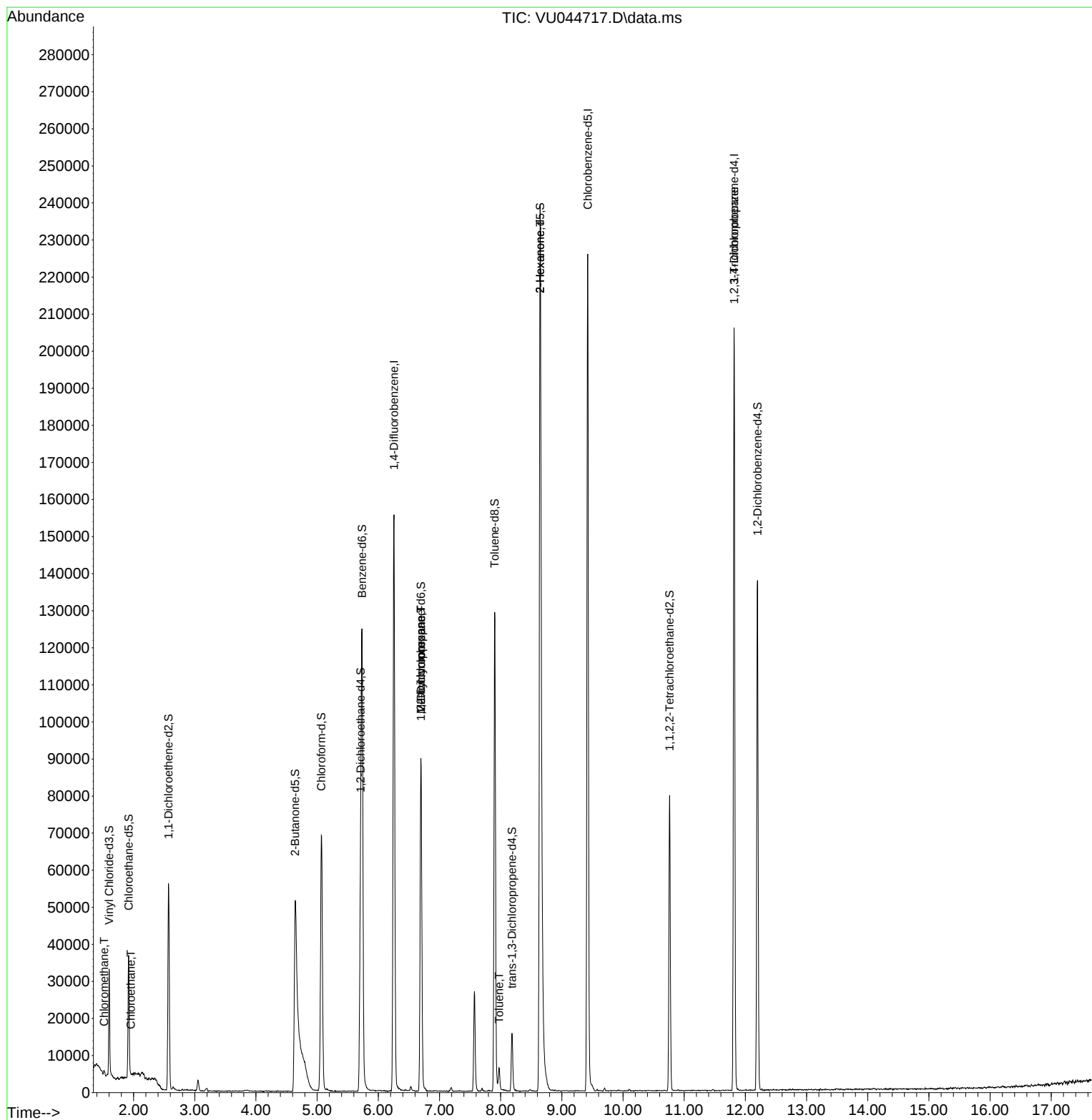
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 118566   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 119423   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816 | 152   | 48691    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 19080    | 2.727    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 54.600%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 24012    | 3.363    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 67.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 11294    | 3.196    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.000%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 150608   | 51.356   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.720% |
| 24) Chloroform-d              | 5.070  | 84    | 61677    | 4.191    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 37174    | 4.237    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.800%  |
| 32) Benzene-d6                | 5.735  | 84    | 109444   | 3.594    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 71.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67    | 41862    | 4.186    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 83.800%  |
| 41) Toluene-d8                | 7.903  | 98    | 82217    | 3.101    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 62.000%# |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 9277     | 2.632    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 52.600%# |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 105392   | 46.518   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.040%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84    | 39458    | 4.450    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 33447    | 4.163    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 83.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.520  | 50    | 969      | 0.085    | ug/L   | 97       |
| 8) Chloroethane               | 1.954  | 64    | 2506     | 0.339    | ug/L # | 43       |
| 35) Methylcyclohexane         | 6.697  | 83    | 9476     | 0.657    | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 4544     | 0.478    | ug/L # | 88       |
| 42) Toluene                   | 7.976  | 91    | 4399     | 0.119    | ug/L   | 84       |
| 48) 2-Hexanone                | 8.645  | 43    | 14023    | 2.548    | ug/L # | 76       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 7418     | 1.379    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

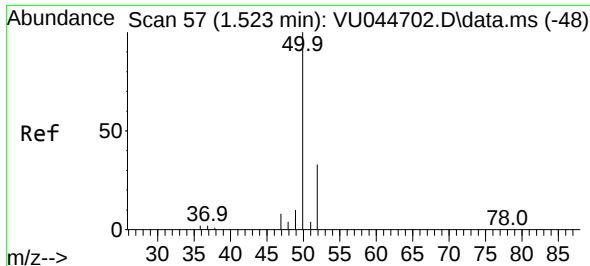
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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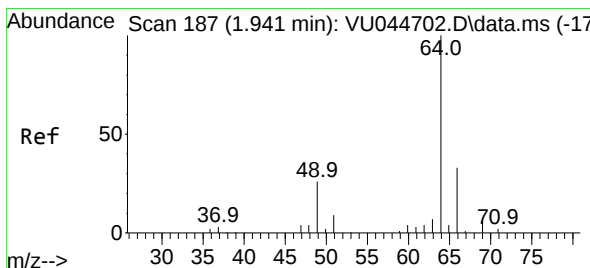
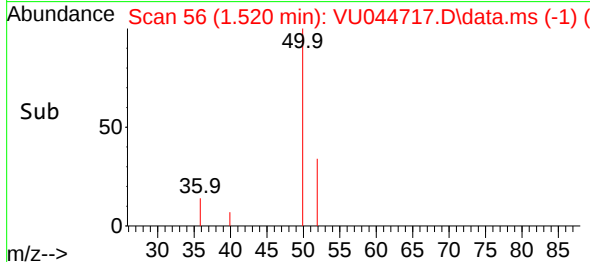
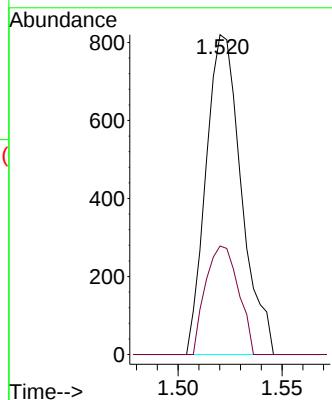
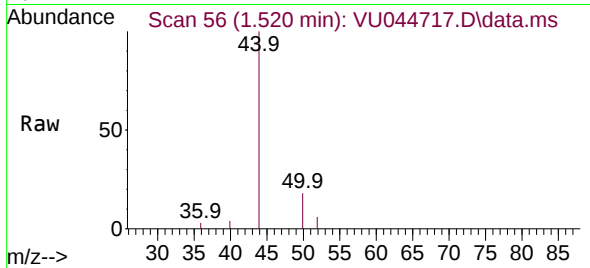




#3  
Chloromethane  
Concen: 0.085 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.003 min  
Lab File: VU044717.D  
Acq: 20 Sep 2021 18:29

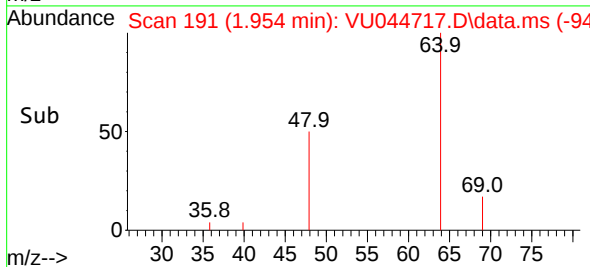
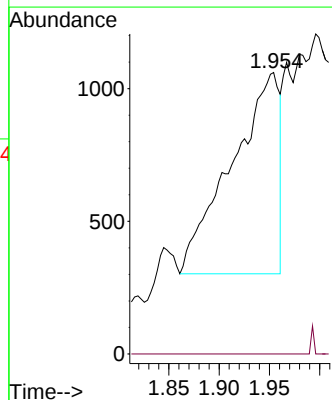
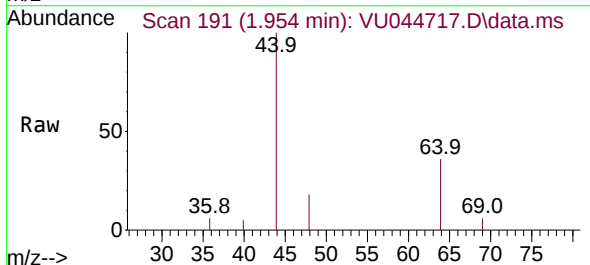
Instrument :  
MSVOA\_U  
ClientSampled :

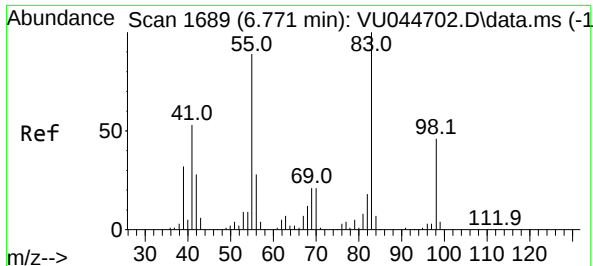
Tgt Ion: 50 Resp: 969  
Ion Ratio Lower Upper  
50 100  
52 33.9 22.6 42.0



#8  
Chloroethane  
Concen: 0.339 ug/L  
RT: 1.954 min Scan# 191  
Delta R.T. 0.013 min  
Lab File: VU044717.D  
Acq: 20 Sep 2021 18:29

Tgt Ion: 64 Resp: 2506  
Ion Ratio Lower Upper  
64 100  
66 0.0 22.1 41.1#





#35

Methylcyclohexane

Concen: 0.657 ug/L

RT: 6.697 min Scan# 1666

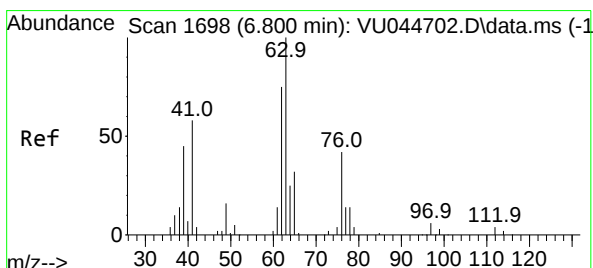
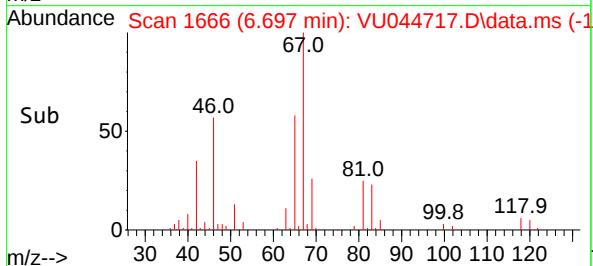
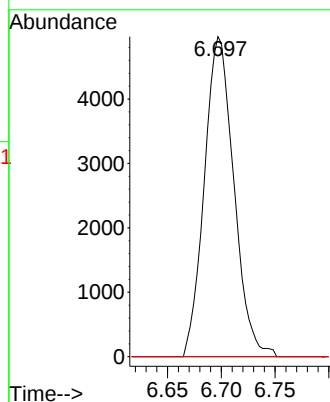
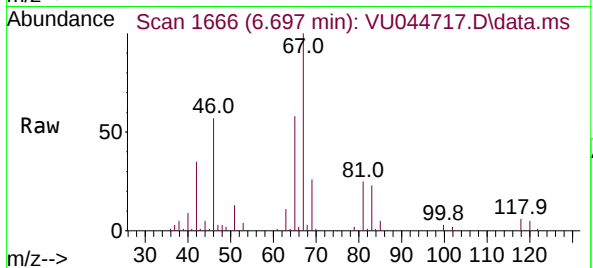
Delta R.T. -0.074 min

Lab File: VU044717.D

Acq: 20 Sep 2021 18:29

Instrument :  
MSVOA\_U  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 9476  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.0      | 68.3 102.5# |
| 98 0.0      | 37.3 55.9#  |



#37

1,2-Dichloropropane

Concen: 0.478 ug/L

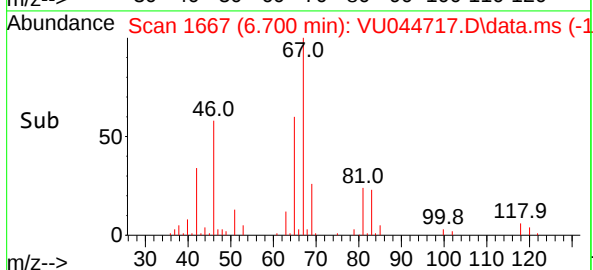
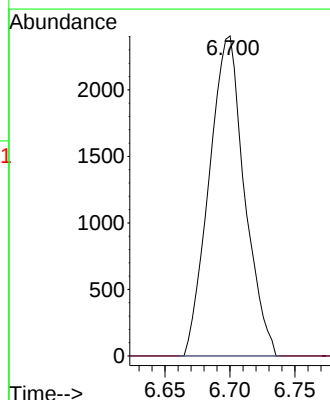
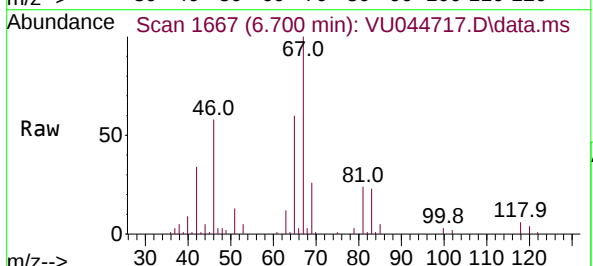
RT: 6.700 min Scan# 1667

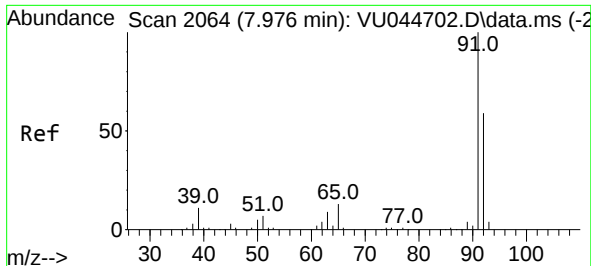
Delta R.T. -0.099 min

Lab File: VU044717.D

Acq: 20 Sep 2021 18:29

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 4544  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 3.1 4.7#    |

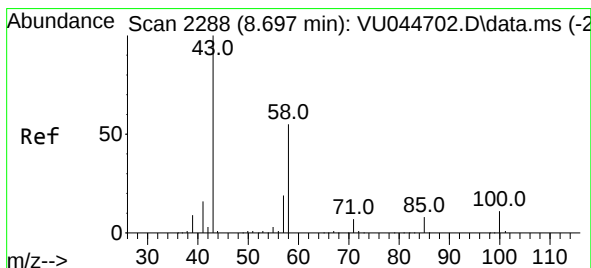
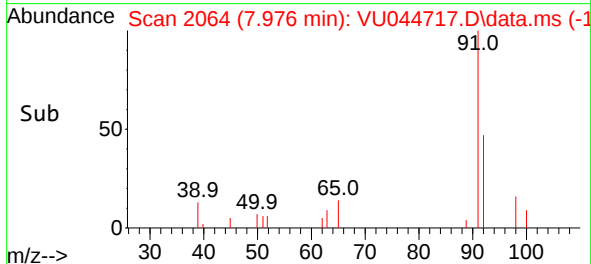
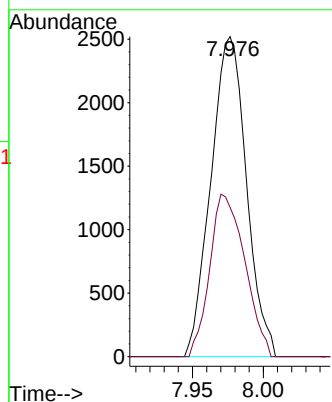
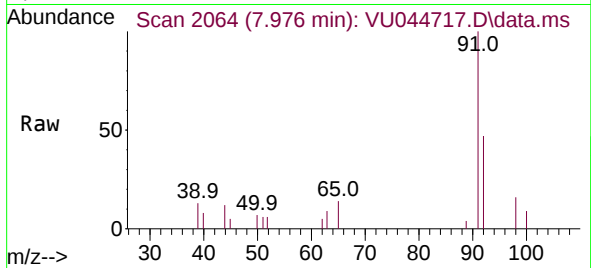




#42  
Toluene  
Concen: 0.119 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU044717.D  
Acq: 20 Sep 2021 18:29

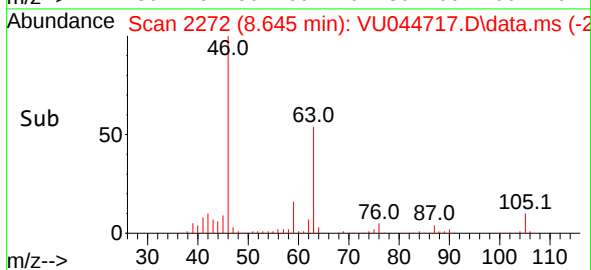
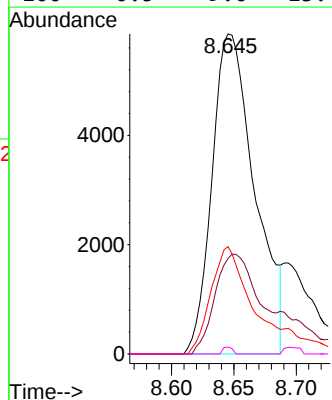
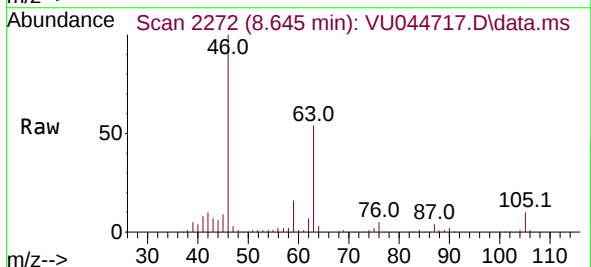
Instrument :  
MSVOA\_U  
ClientSampled :

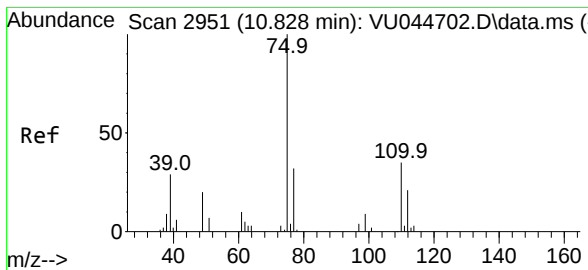
Tgt Ion: 91 Resp: 4399  
Ion Ratio Lower Upper  
91 100  
92 46.6 41.1 76.3



#48  
2-Hexanone  
Concen: 2.548 ug/L  
RT: 8.645 min Scan# 2272  
Delta R.T. -0.051 min  
Lab File: VU044717.D  
Acq: 20 Sep 2021 18:29

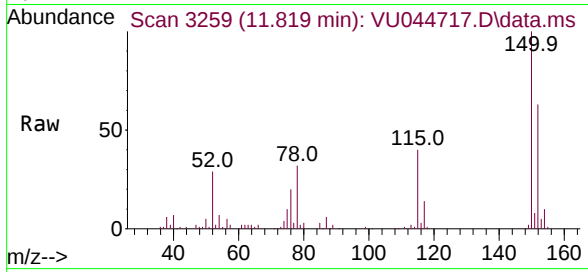
Tgt Ion: 43 Resp: 14023  
Ion Ratio Lower Upper  
43 100  
58 42.7 44.6 66.8#  
57 36.1 14.8 22.2#  
100 0.5 9.0 13.4#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.379 ug/L  
 RT: 11.819 min Scan# 3259  
 Delta R.T. 0.990 min  
 Lab File: VU044717.D  
 Acq: 20 Sep 2021 18:29

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 7418  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 28.8 43.2#  
 77 32.0 25.9 38.9

