

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081821\  
 Data File : VU044453.D  
 Acq On : 18 Aug 2021 18:35  
 Operator : SY/MD  
 Sample : M3474-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AD7

Quant Time: Aug 19 04:05:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR081821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Aug 19 03:54:51 2021  
 Response via : Initial Calibration

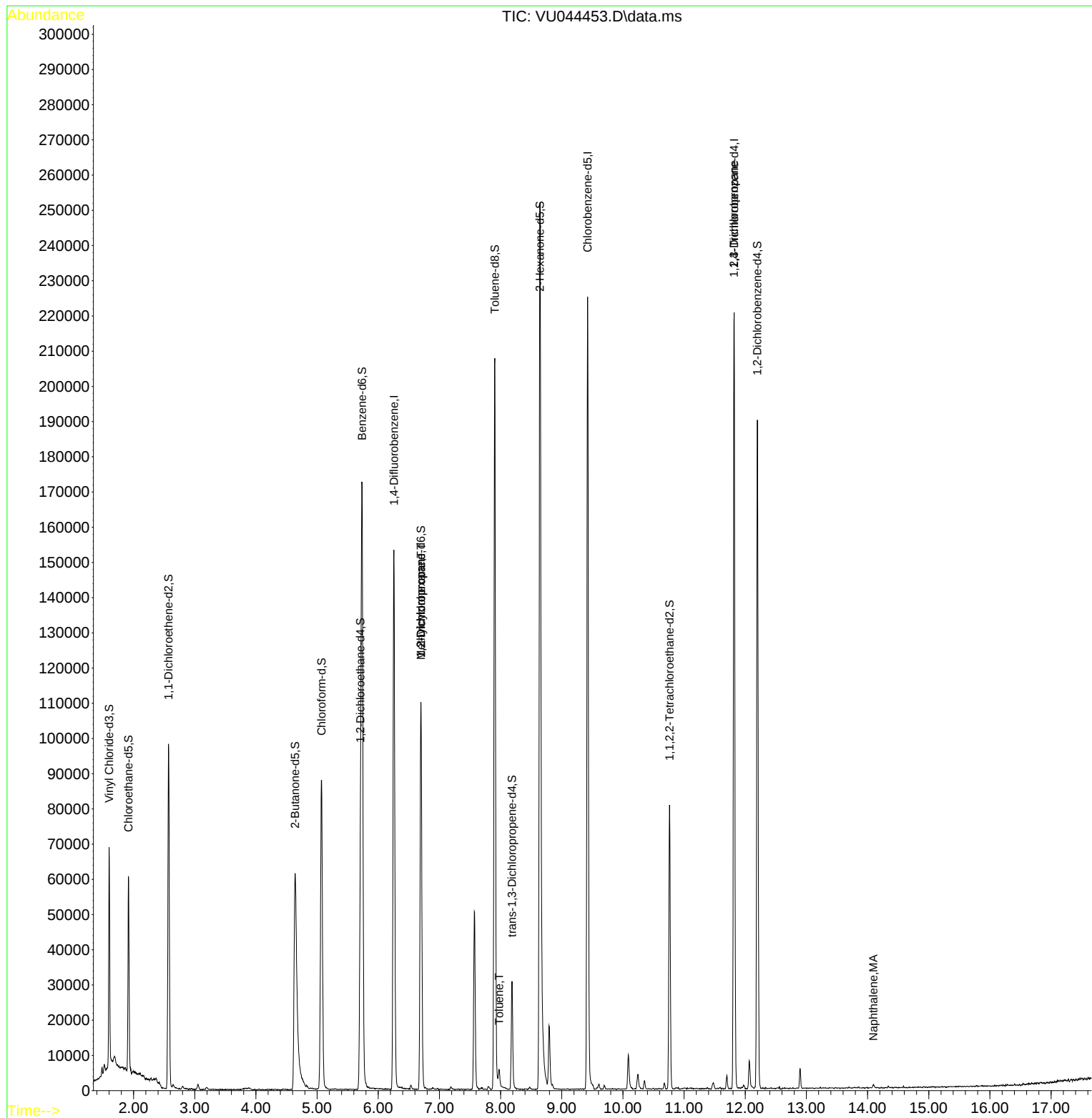
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 121483   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 121821   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 55621    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 43643    | 4.442    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.800%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 40362    | 4.727    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 18930    | 4.529    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.600%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 126844   | 46.681   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 93.360%  |
| 24) Chloroform-d              | 5.073  | 84    | 78705    | 4.530    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 44386    | 4.685    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.600%  |
| 32) Benzene-d6                | 5.735  | 84    | 161352   | 4.704    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67    | 51369    | 4.681    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.600%  |
| 41) Toluene-d8                | 7.906  | 98    | 139198   | 4.576    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.600%  |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 17329    | 4.397    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.000%  |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 102302   | 48.000   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 96.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84    | 41458    | 4.486    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 45904    | 4.885    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 6.700  | 83    | 12208    | 0.716    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 5681     | 0.525    | ug/L # | 88       |
| 42) Toluene                   | 7.976  | 91    | 3266     | 0.076    | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 11.815 | 75    | 7931     | 1.141    | ug/L # | 66       |
| 71) Naphthalene               | 14.095 | 128   | 1373     | 0.073    | ug/L # | 81       |
| -----                         |        |       |          |          |        |          |

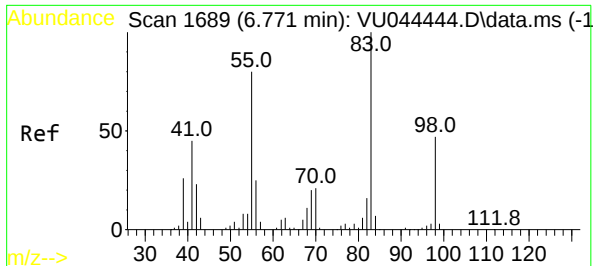
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.716 ug/L

RT: 6.700 min Scan# 1667

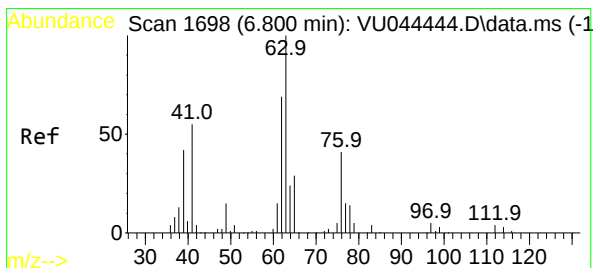
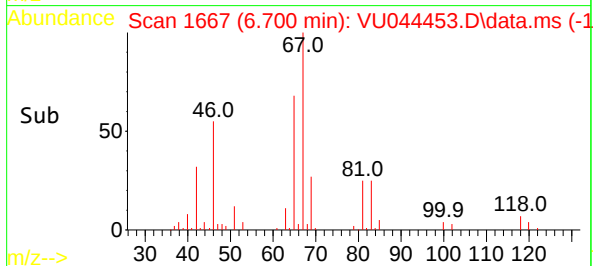
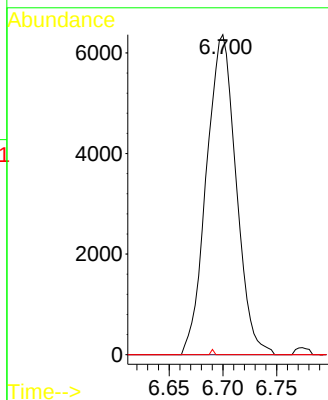
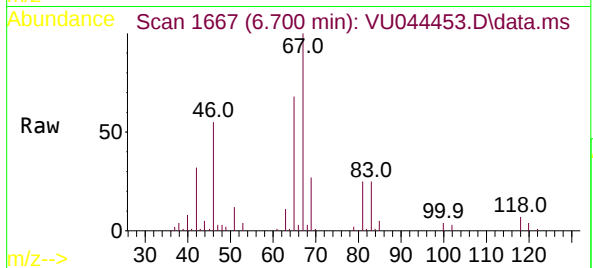
Delta R.T. -0.071 min

Lab File: VU044453.D

Acq: 18 Aug 2021 18:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 12208 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 64.8  | 97.2# |
| 98       | 0.2   | 37.5  | 56.3# |

Instrument :  
MSVOA\_U  
ClientSampled :  
C0AD7



#37

1,2-Dichloropropane

Concen: 0.525 ug/L

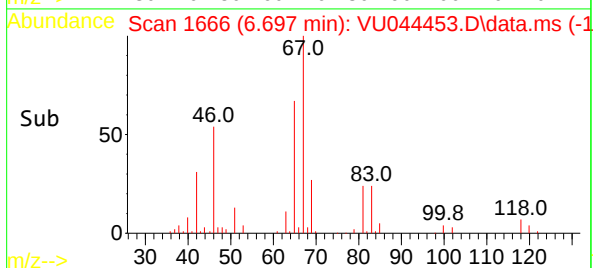
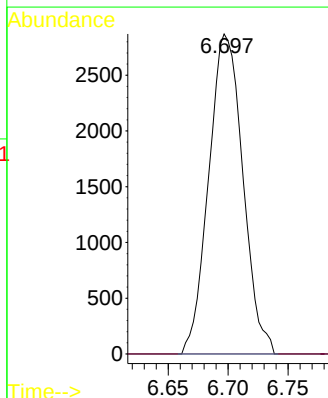
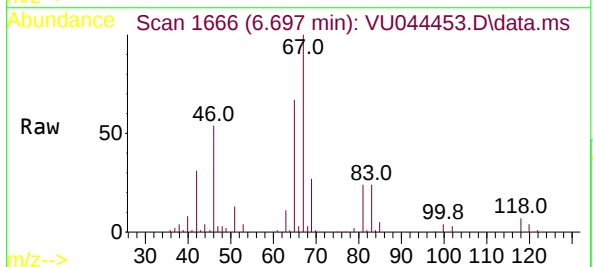
RT: 6.697 min Scan# 1666

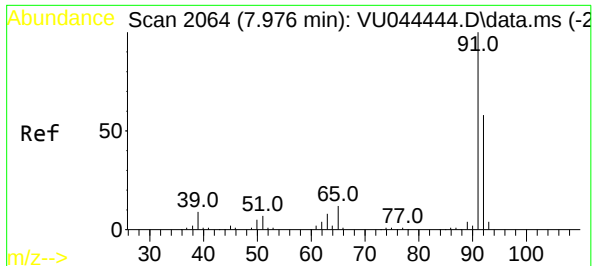
Delta R.T. -0.103 min

Lab File: VU044453.D

Acq: 18 Aug 2021 18:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 5681  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 3.3   | 4.9#  |

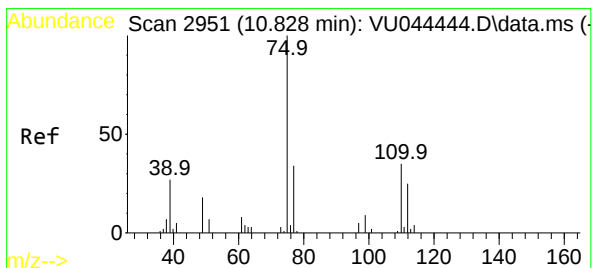
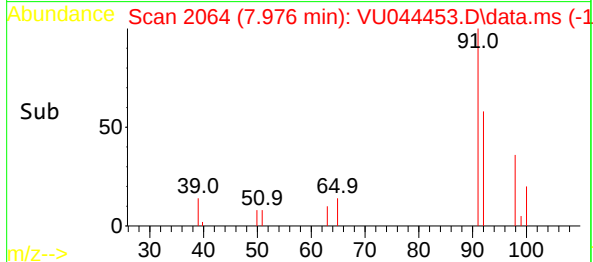
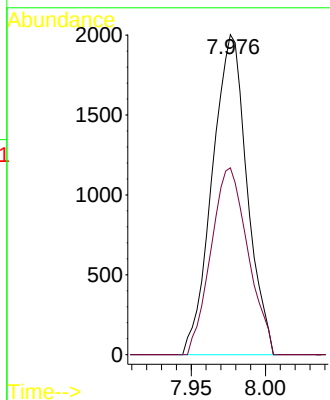
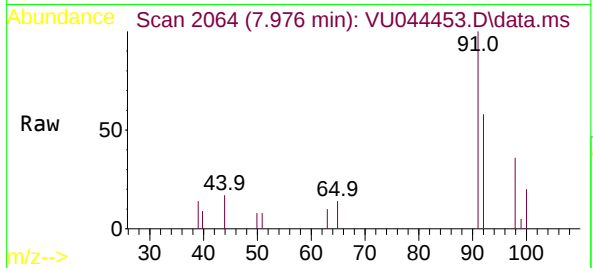




#42  
Toluene  
Concen: 0.076 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU044453.D  
Acq: 18 Aug 2021 18:35

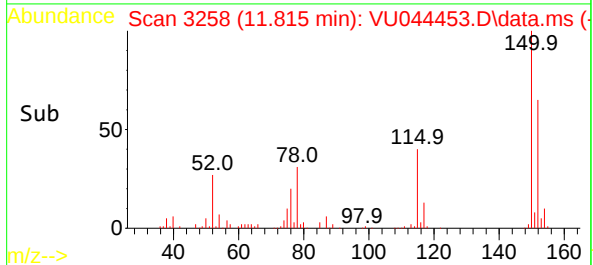
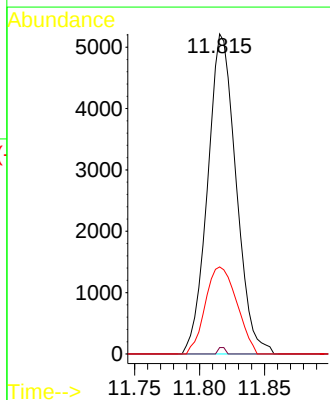
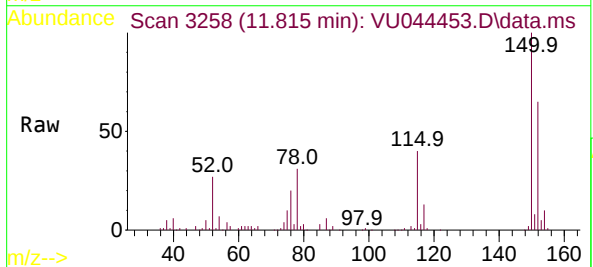
Instrument :  
MSVOA\_U  
ClientSampled :  
C0AD7

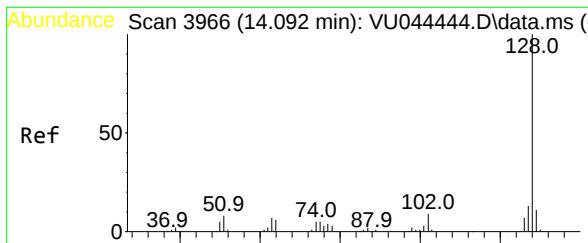
Tgt Ion: 91 Resp: 3266  
Ion Ratio Lower Upper  
91 100  
92 58.4 40.7 75.5



#61  
1,2,3-Trichloropropane  
Concen: 1.141 ug/L  
RT: 11.815 min Scan# 3258  
Delta R.T. 0.987 min  
Lab File: VU044453.D  
Acq: 18 Aug 2021 18:35

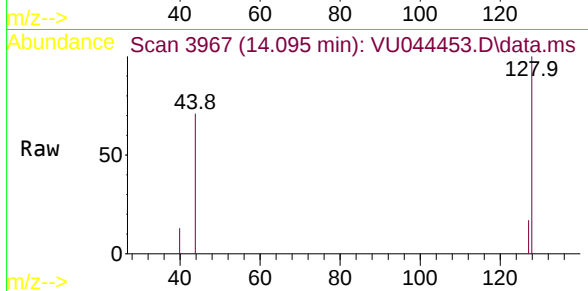
Tgt Ion: 75 Resp: 7931  
Ion Ratio Lower Upper  
75 100  
110 0.5 28.4 42.6#  
77 30.0 26.5 39.7





#71  
Naphthalene  
Concen: 0.073 ug/L  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VU044453.D  
Acq: 18 Aug 2021 18:35

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AD7



Tgt Ion:128 Resp: 1373  
Ion Ratio Lower Upper  
128 100  
129 3.3 8.6 12.8#  
127 5.3 10.4 15.6#

