

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051421\  
 Data File : VU043721.D  
 Acq On : 14 May 2021 00:25  
 Operator : SY/MD  
 Sample : M2316-03  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG7J8

Quant Time: May 14 05:07:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM051421WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 14 04:42:41 2021  
 Response via : Initial Calibration

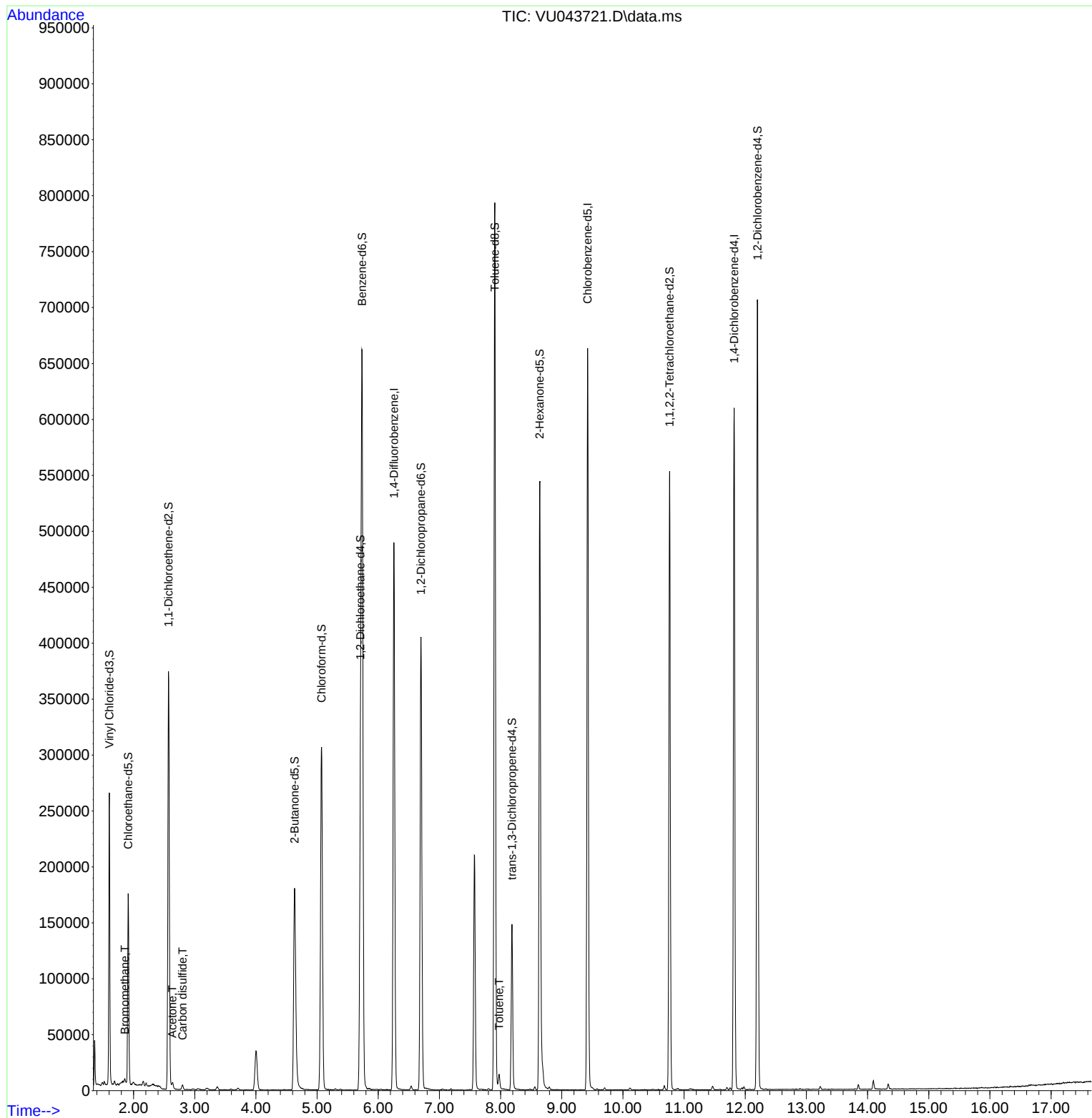
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256   | 114   | 396516   | 50.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423   | 117   | 370743   | 50.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819  | 152   | 169726   | 50.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604   | 65    | 170757   | 52.01    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 104.02%  |
| 7) Chloroethane-d5            | 1.912   | 69    | 124331   | 52.66    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 105.32%  |
| 11) 1,1-Dichloroethene-d2     | 2.571   | 63    | 220163   | 39.39    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 78.78%   |
| 21) 2-Butanone-d5             | 4.632   | 46    | 272620   | 106.15   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 106.15%  |
| 24) Chloroform-d              | 5.073   | 84    | 288988   | 51.88    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.76%  |
| 26) 1,2-Dichloroethane-d4     | 5.710   | 65    | 183769   | 53.21    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.42%  |
| 32) Benzene-d6                | 5.735   | 84    | 610313   | 55.55    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 111.10%  |
| 36) 1,2-Dichloropropane-d6    | 6.697   | 67    | 199939   | 55.79    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 111.58%  |
| 41) Toluene-d8                | 7.906   | 98    | 520469   | 52.64    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 105.28%  |
| 43) trans-1,3-Dichloroprop... | 8.185   | 79    | 81827    | 52.22    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 104.44%  |
| 47) 2-Hexanone-d5             | 8.639   | 63    | 185379   | 108.02   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 108.02%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764  | 84    | 277850   | 51.23    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 102.46%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.201  | 152   | 192434   | 57.45    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 114.90%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 6) Bromomethane               | 1.858   | 94    | 1411     | 0.74     | ug/L   | 95       |
| 13) Acetone                   | 2.636   | 43    | 5849     | 3.26     | ug/L   | 94       |
| 14) Carbon disulfide          | 2.800   | 76    | 5287     | 0.58     | ug/L # | 91       |
| 42) Toluene                   | 7.976   | 91    | 8313     | 0.63     | ug/L   | 92       |
| -----                         |         |       |          |          |        |          |

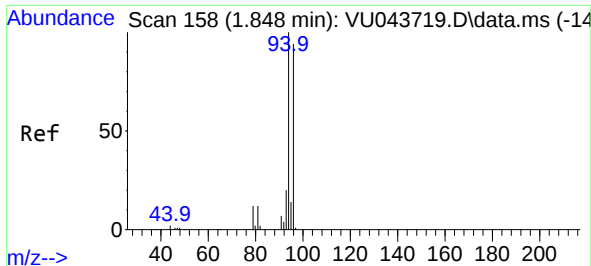
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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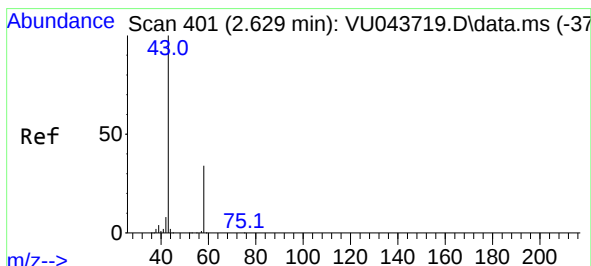
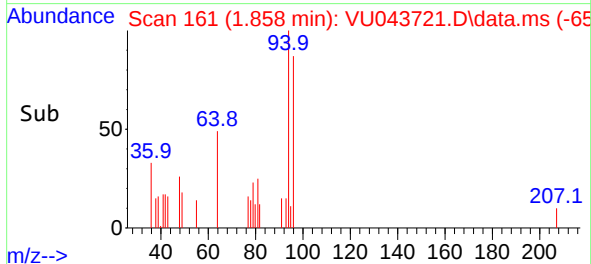
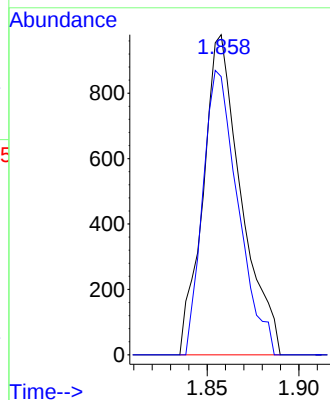
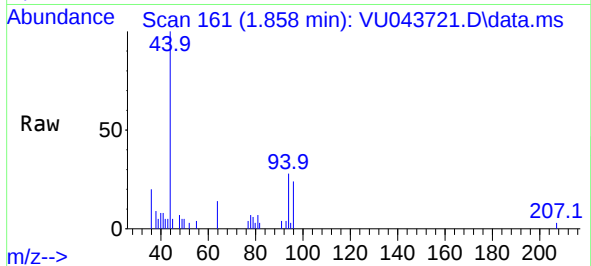




#6  
Bromomethane  
Concen: 0.74 ug/L  
RT: 1.858 min Scan# 161  
Delta R.T. 0.010 min  
Lab File: VU043721.D  
Acq: 14 May 2021 00:25

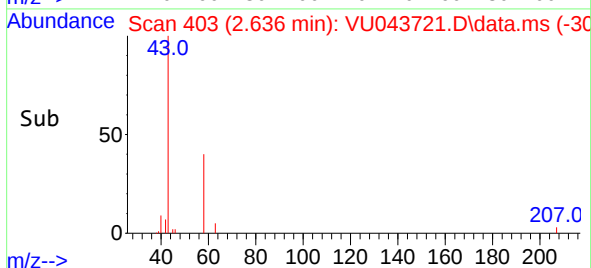
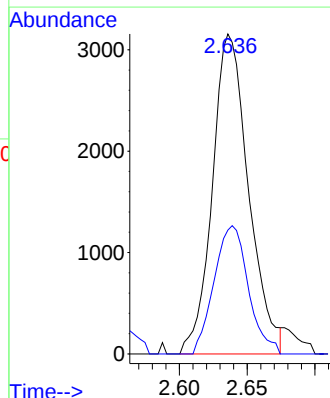
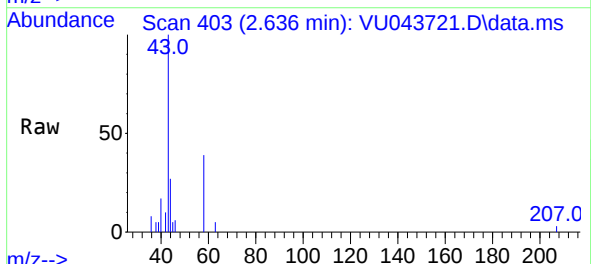
Instrument :  
MSVOA\_U  
ClientSampled :  
BG7J8

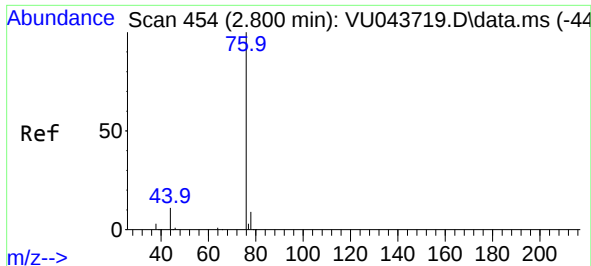
Tgt Ion: 94 Resp: 1411  
Ion Ratio Lower Upper  
94 100  
96 86.9 64.2 119.2



#13  
Acetone  
Concen: 3.26 ug/L  
RT: 2.636 min Scan# 403  
Delta R.T. 0.006 min  
Lab File: VU043721.D  
Acq: 14 May 2021 00:25

Tgt Ion: 43 Resp: 5849  
Ion Ratio Lower Upper  
43 100  
58 37.9 0.0 69.4

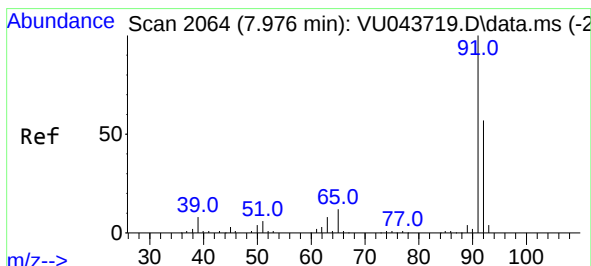
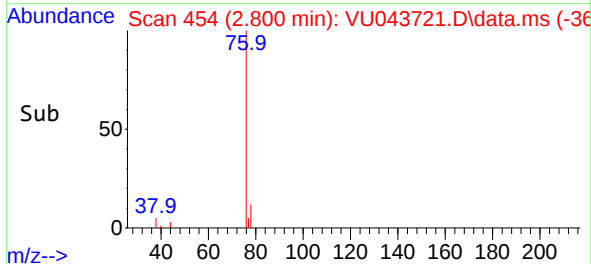
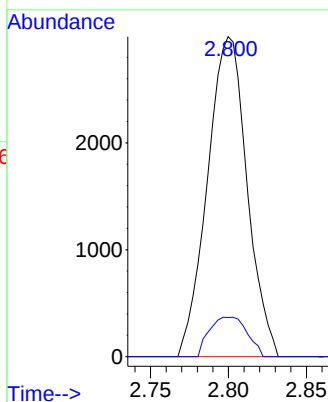
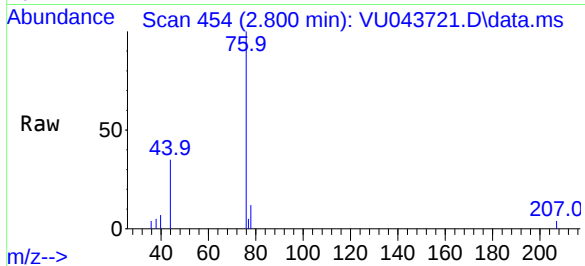




#14  
Carbon disulfide  
Concen: 0.58 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VU043721.D  
Acq: 14 May 2021 00:25

Instrument :  
MSVOA\_U  
ClientSampled :  
BG7J8

Tgt Ion: 76 Resp: 5287  
Ion Ratio Lower Upper  
76 100  
78 12.3 7.1 10.7#



#42  
Toluene  
Concen: 0.63 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU043721.D  
Acq: 14 May 2021 00:25

Tgt Ion: 91 Resp: 8313  
Ion Ratio Lower Upper  
91 100  
92 62.4 39.7 73.7

