

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080521\  
 Data File : VW019680.D  
 Acq On : 05 Aug 2021 14:03  
 Operator : SY/VA  
 Sample : VIBLK400  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK400

Quant Time: Aug 06 01:38:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 06 01:35:48 2021  
 Response via : Initial Calibration

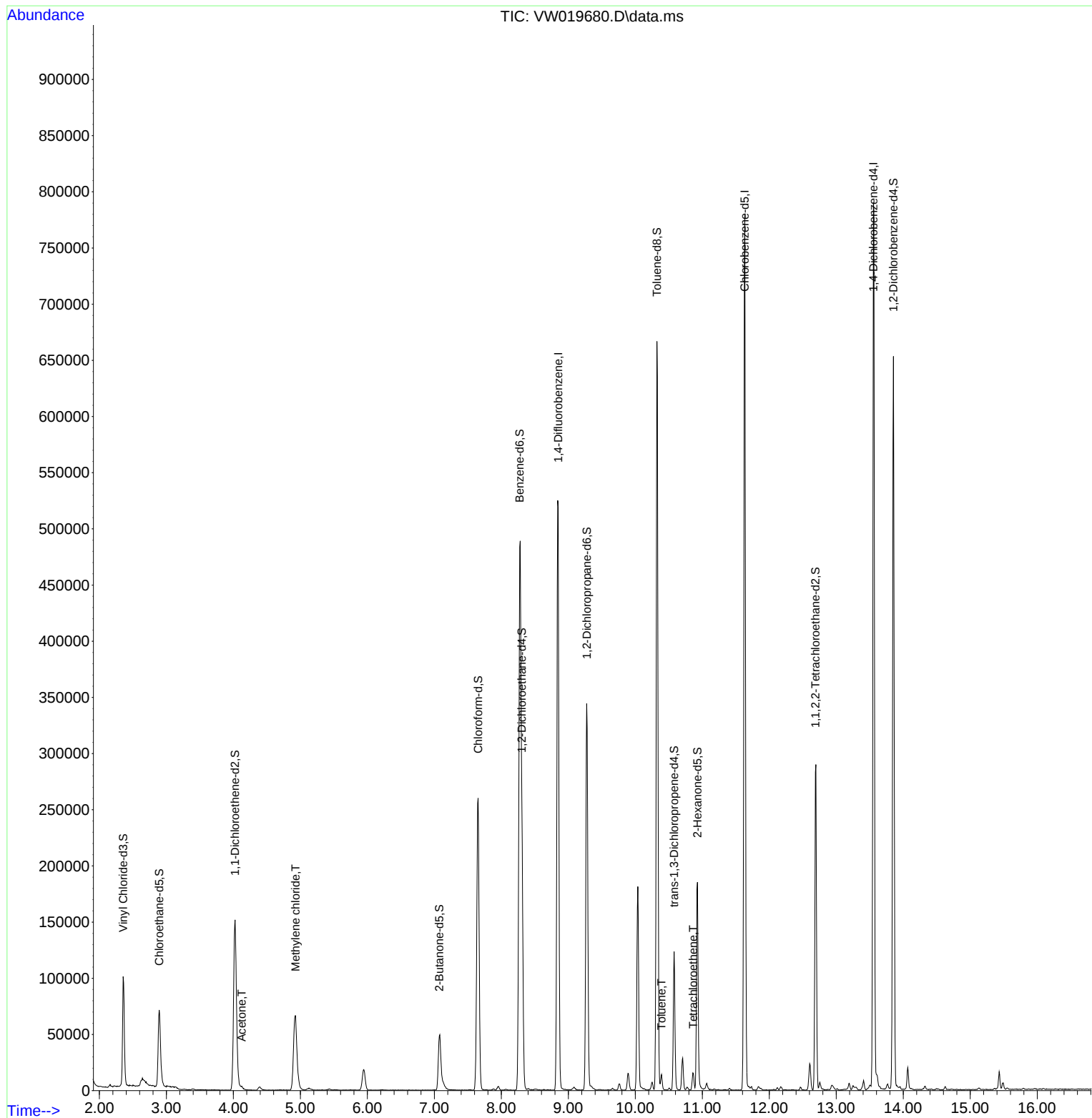
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 432201   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 415641   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 203896   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 107031   | 17.478   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 69.920%  |
| 7) Chloroethane-d5            | 2.892  | 69    | 93376    | 21.383   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 85.520%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 167082   | 14.141   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 56.560%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 83398    | 46.922   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 93.840%  |
| 24) Chloroform-d              | 7.653  | 84    | 265184   | 22.206   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 88.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 159896   | 24.399   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 97.600%  |
| 32) Benzene-d6                | 8.275  | 84    | 497436   | 20.105   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 80.440%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 160380   | 20.798   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 83.200%  |
| 41) Toluene-d8                | 10.323 | 98    | 431843   | 19.359   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 77.440%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 66561    | 20.155   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 80.600%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 61530    | 43.008   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 86.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 144229   | 23.146   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 92.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 162260   | 22.555   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 90.200%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 13) Acetone                   | 4.123  | 43    | 4222     | 3.224    | ug/L  | 71       |
| 16) Methylene chloride        | 4.928  | 84    | 58134    | 6.747    | ug/L  | 97       |
| 42) Toluene                   | 10.390 | 91    | 8608     | 0.317    | ug/L  | 100      |
| 46) Tetrachloroethene         | 10.866 | 164   | 3490     | 0.690    | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

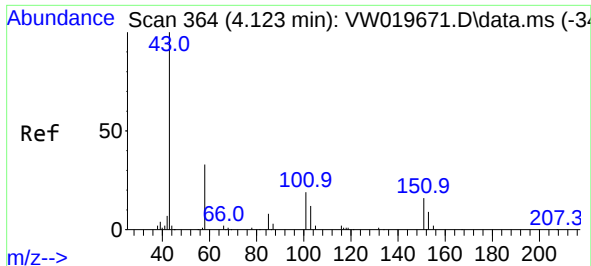
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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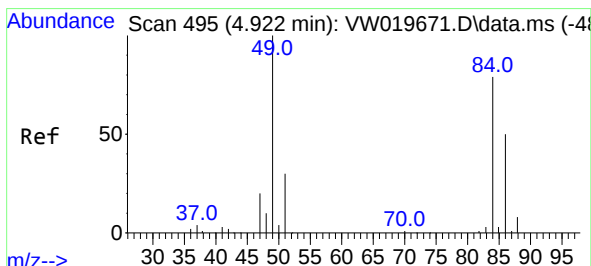
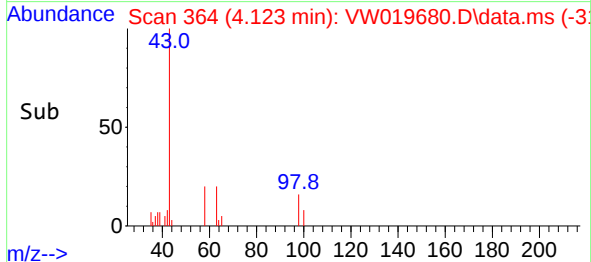
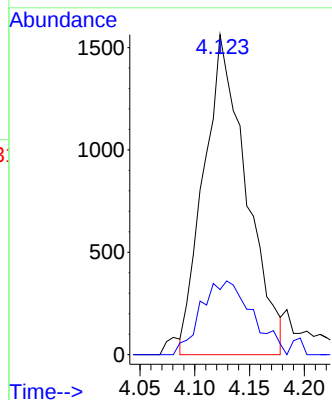
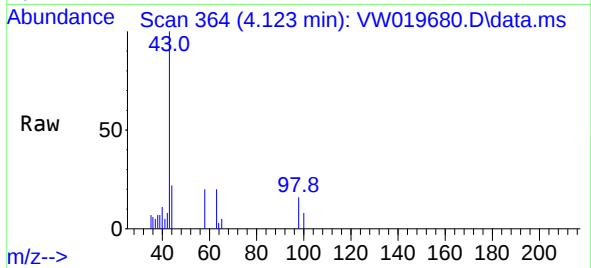




#13  
Acetone  
Concen: 3.224 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. 0.000 min  
Lab File: VW019680.D  
Acq: 05 Aug 2021 14:03

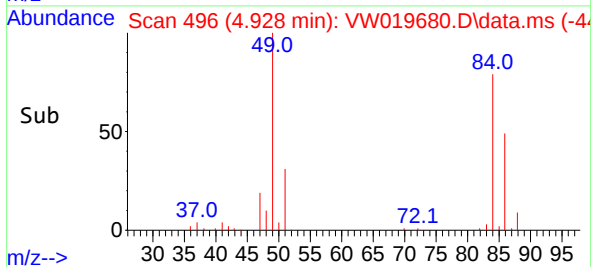
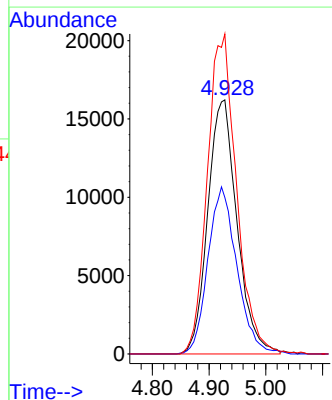
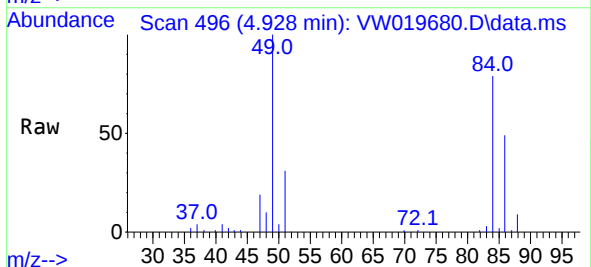
Instrument :  
MSVOA\_W  
ClientSampled :  
VIBLK400

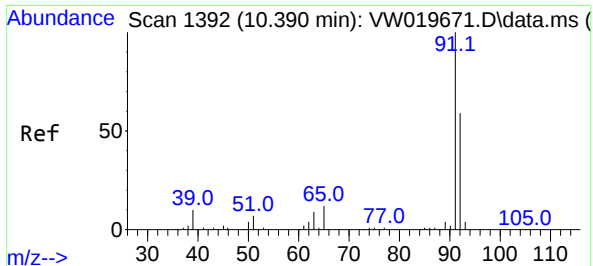
Tgt Ion: 43 Resp: 4222  
Ion Ratio Lower Upper  
43 100  
58 12.1 0.0 53.8



#16  
Methylene chloride  
Concen: 6.747 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW019680.D  
Acq: 05 Aug 2021 14:03

Tgt Ion: 84 Resp: 58134  
Ion Ratio Lower Upper  
84 100  
86 61.6 45.3 84.1  
49 126.0 86.6 160.8

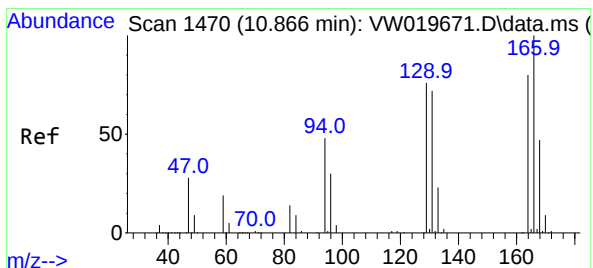
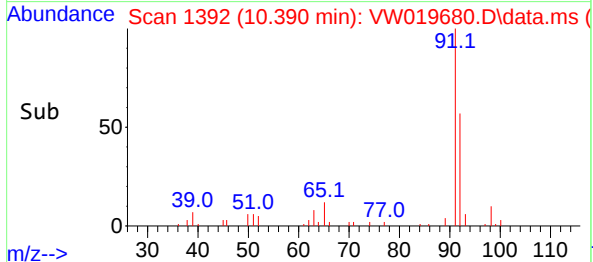
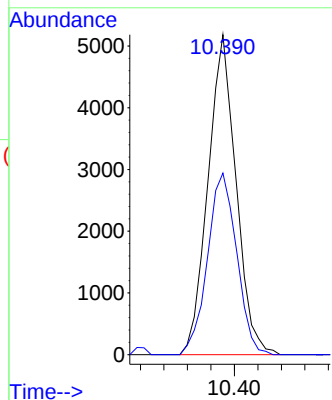
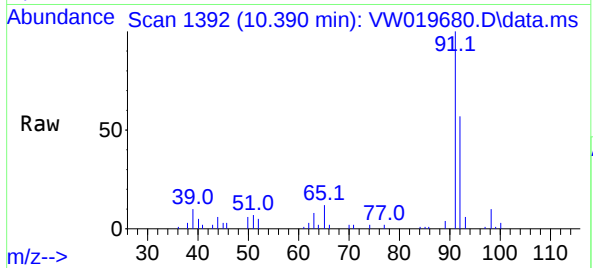




#42  
Toluene  
Concen: 0.317 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019680.D  
Acq: 05 Aug 2021 14:03

Instrument :  
MSVOA\_W  
ClientSampled :  
VIBLK400

Tgt Ion: 91 Resp: 8608  
Ion Ratio Lower Upper  
91 100  
92 56.8 39.5 73.3



#46  
Tetrachloroethene  
Concen: 0.690 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VW019680.D  
Acq: 05 Aug 2021 14:03

Tgt Ion: 164 Resp: 3490  
Ion Ratio Lower Upper  
164 100  
129 92.6 66.7 123.9  
131 92.7 61.1 113.5  
166 120.6 87.0 161.6

