

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081221\  
 Data File : VW019720.D  
 Acq On : 12 Aug 2021 12:03  
 Operator : SY/VA  
 Sample : M3365-04  
 Misc : 5.66g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 13 02:03:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 13 02:01:28 2021  
 Response via : Initial Calibration

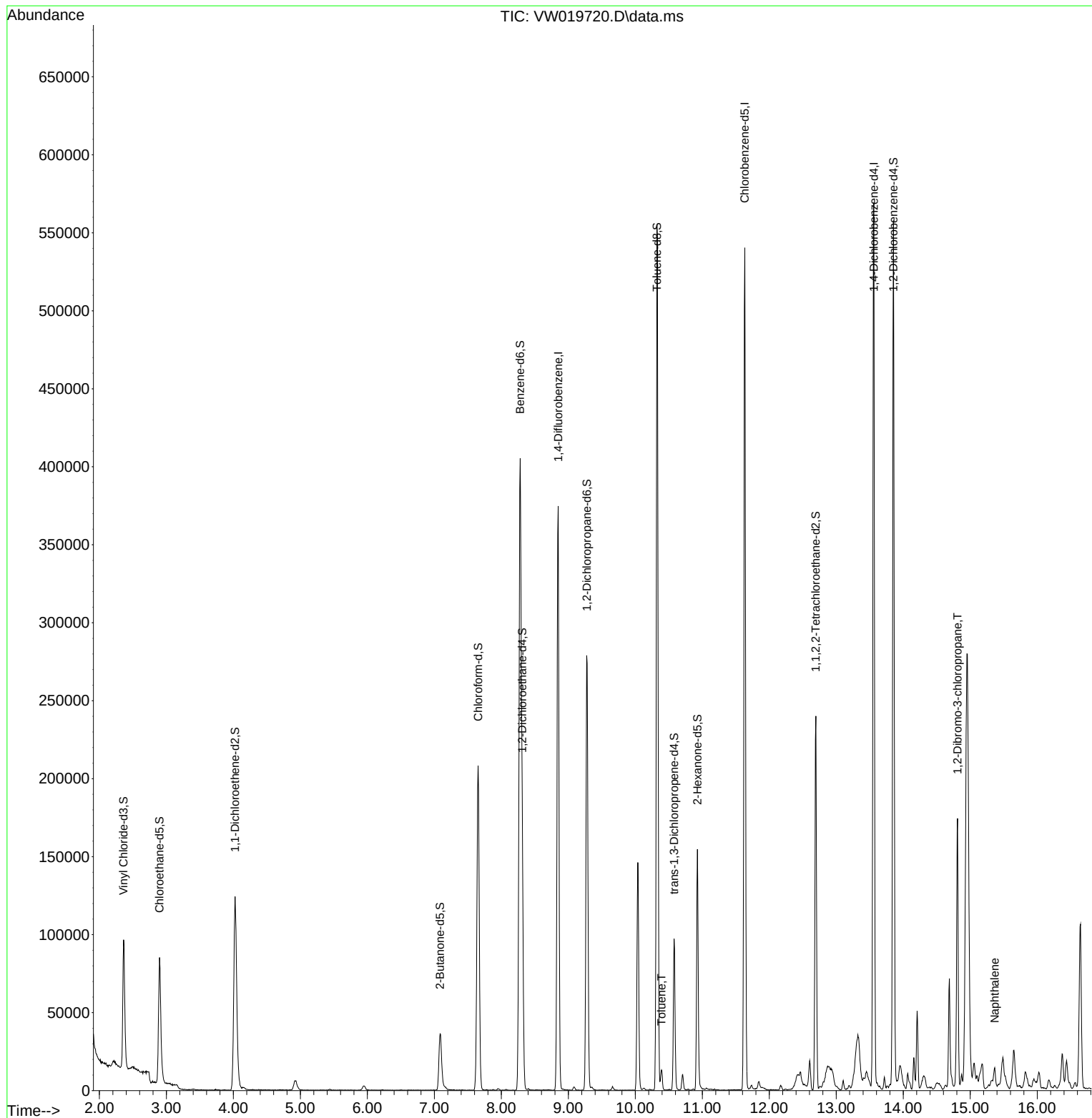
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 304088   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 291295   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 150785   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 101214   | 28.503   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 114.000% |
| 7) Chloroethane-d5            | 2.898  | 69    | 106128   | 30.238   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 120.960% |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 135119   | 18.493   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 73.960%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 62894    | 54.234   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 108.460% |
| 24) Chloroform-d              | 7.653  | 84    | 207907   | 22.615   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 90.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 123998   | 23.170   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 92.680%  |
| 32) Benzene-d6                | 8.281  | 84    | 410955   | 21.308   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 85.240%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 129187   | 22.265   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 89.040%  |
| 41) Toluene-d8                | 10.323 | 98    | 362915   | 20.628   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 82.520%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 53430    | 22.303   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 89.200%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 51266    | 50.365   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 100.740% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 116496   | 23.139   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 134161   | 24.124   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 96.480%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 42) Toluene                   | 10.390 | 91    | 9152     | 0.432    | ug/L   | 94       |
| 68) 1,2-Dibromo-3-chloropr... | 14.810 | 75    | 1628     | 2.447    | ug/L   | # 8      |
| 71) Naphthalene               | 15.365 | 128   | 9905     | 0.949    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

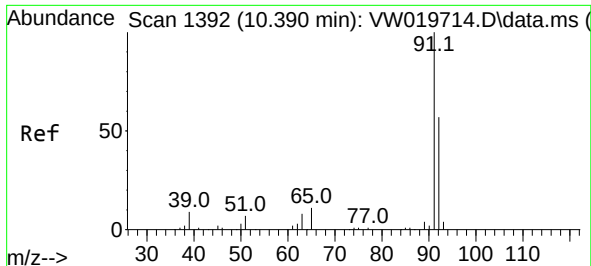
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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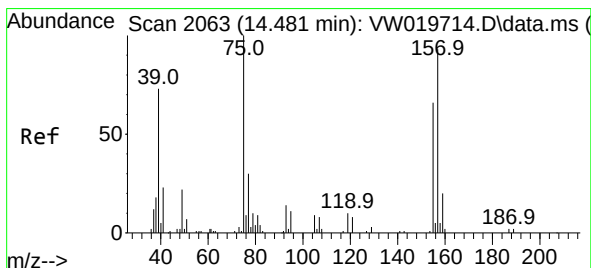
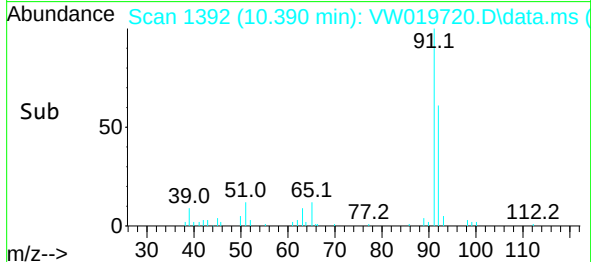
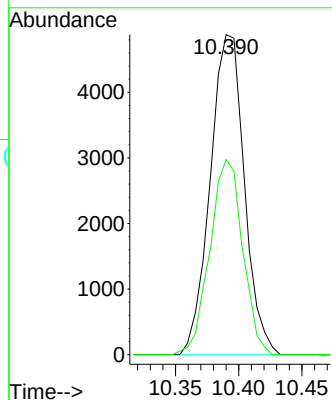
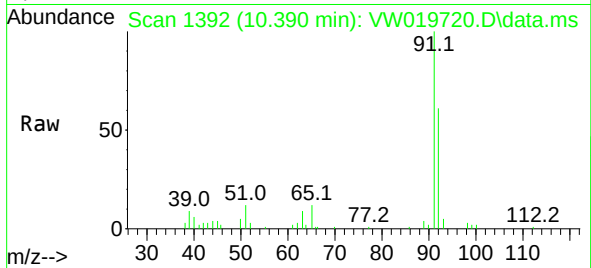




#42  
Toluene  
Concen: 0.432 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019720.D  
Acq: 12 Aug 2021 12:03

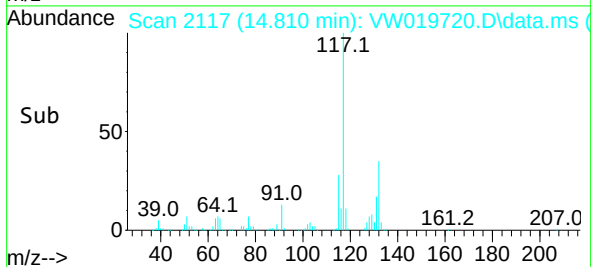
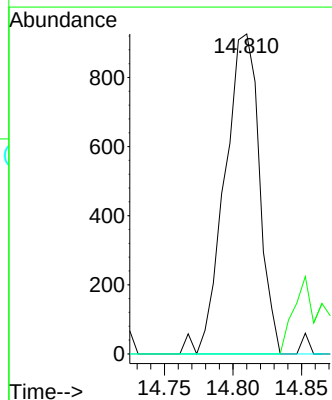
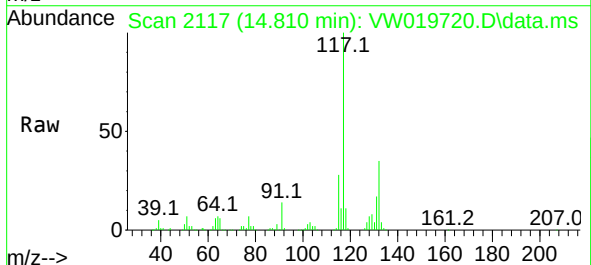
Instrument :  
MSVOA\_W  
ClientSampled :

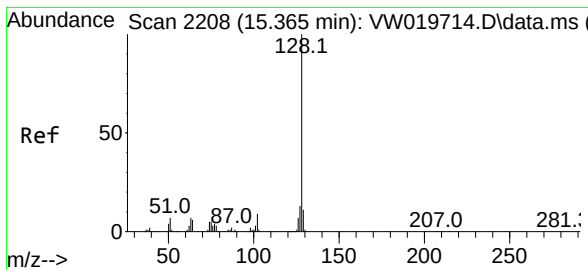
Tgt Ion: 91 Resp: 9152  
Ion Ratio Lower Upper  
91 100  
92 61.0 39.5 73.3



#68  
1,2-Dibromo-3-chloropropane  
Concen: 2.447 ug/L  
RT: 14.810 min Scan# 2117  
Delta R.T. 0.329 min  
Lab File: VW019720.D  
Acq: 12 Aug 2021 12:03

Tgt Ion: 75 Resp: 1628  
Ion Ratio Lower Upper  
75 100  
155 0.0 59.4 89.0#  
157 0.0 72.2 108.2#





#71  
Naphthalene  
Concen: 0.949 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW019720.D  
Acq: 12 Aug 2021 12:03

Instrument :  
MSVOA\_W  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 9905  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.4  | 10.6  | 15.8  |
| 129      | 12.0  | 9.0   | 13.6  |

