

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW023997.D  
 Acq On : 22 Jul 2022 11:04  
 Operator : SY/VA  
 Sample : N3709-17RE  
 Misc : 5.71g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 22 23:11:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 23:08:43 2022  
 Response via : Initial Calibration

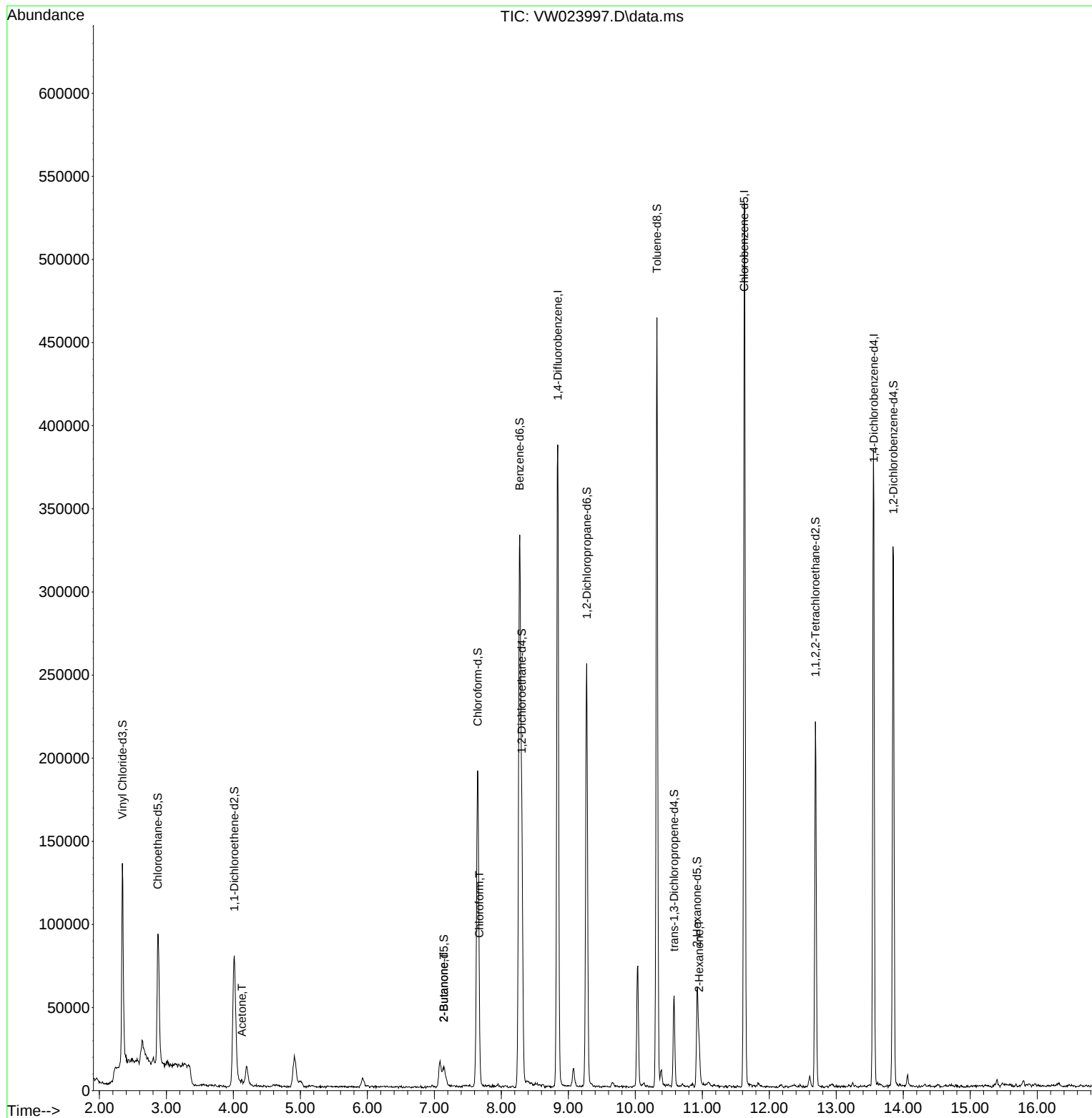
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 309617   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 273487   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 94727    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 126199   | 15.959   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 63.840%  |
| 7) Chloroethane-d5            | 2.873  | 69    | 97762    | 18.531   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.120%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 83713    | 13.000   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 52.000%  |
| 21) 2-Butanone-d5             | 7.141  | 46    | 413      | 0.337    | ug/L   | 0.07     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 0.680%#  |
| 24) Chloroform-d              | 7.647  | 84    | 186053   | 20.640   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 82.560%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 114255   | 20.724   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 82.880%  |
| 32) Benzene-d6                | 8.275  | 84    | 329150   | 23.152   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 92.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 107533   | 25.111   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 100.440% |
| 41) Toluene-d8                | 10.323 | 98    | 288802   | 20.027   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 80.120%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 28421    | 14.159   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 56.640%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 17582    | 19.525   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 39.040%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 100913   | 21.323   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 79290    | 23.448   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 93.800%  |
| Target Compounds              |        |       |          |          |        |          |
| 13) Acetone                   | 4.129  | 43    | 3387     | 3.906    | ug/L   | 77       |
| 22) 2-Butanone                | 7.141  | 43    | 12007    | 8.425    | ug/L # | 48       |
| 25) Chloroform                | 7.671  | 83    | 4278     | 0.506    | ug/L   | 97       |
| 48) 2-Hexanone                | 10.951 | 43    | 15756    | 7.982    | ug/L # | 46       |

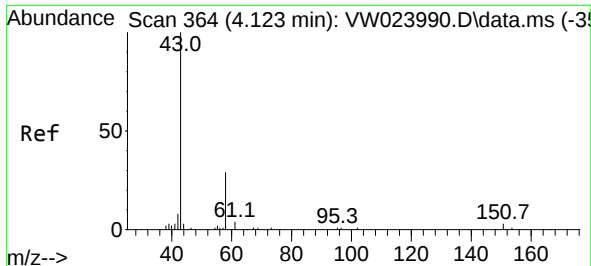
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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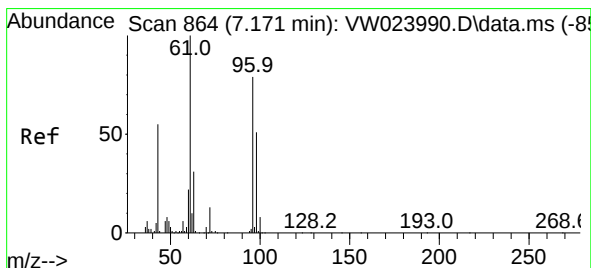
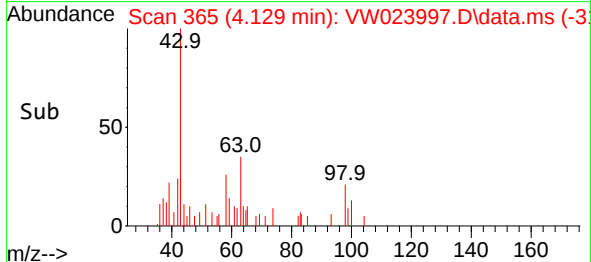
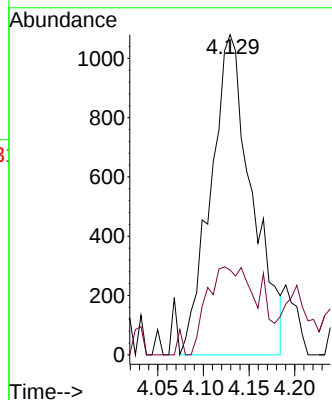
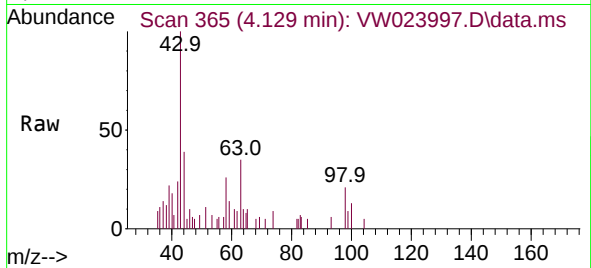




#13  
Acetone  
Concen: 3.906 ug/L  
RT: 4.129 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW023997.D  
Acq: 22 Jul 2022 11:04

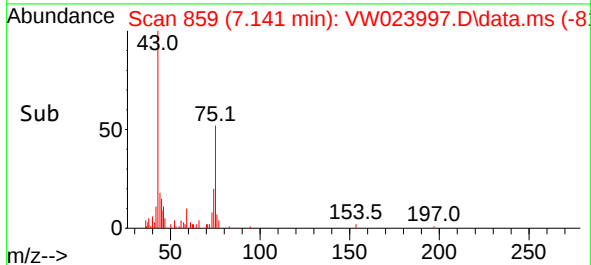
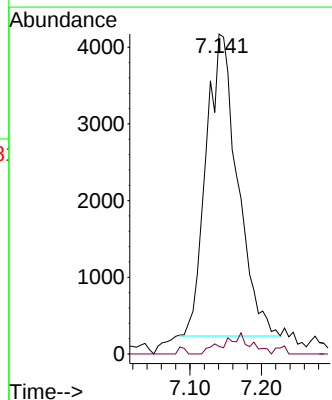
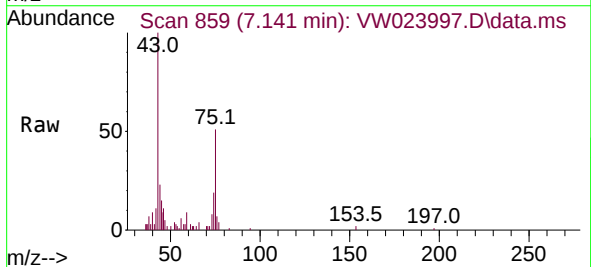
Instrument :  
MSVOA\_W  
ClientSampleId :

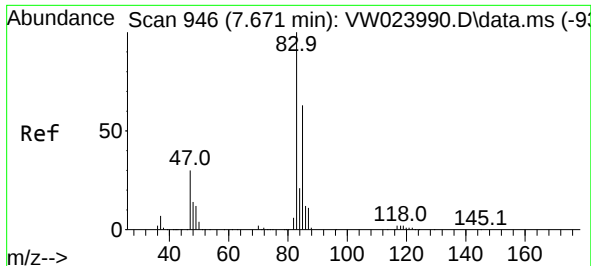
Tgt Ion: 43 Resp: 3387  
Ion Ratio Lower Upper  
43 100  
58 19.3 0.0 64.2



#22  
2-Butanone  
Concen: 8.425 ug/L  
RT: 7.141 min Scan# 859  
Delta R.T. -0.030 min  
Lab File: VW023997.D  
Acq: 22 Jul 2022 11:04

Tgt Ion: 43 Resp: 12007  
Ion Ratio Lower Upper  
43 100  
72 1.4 14.7 44.1#

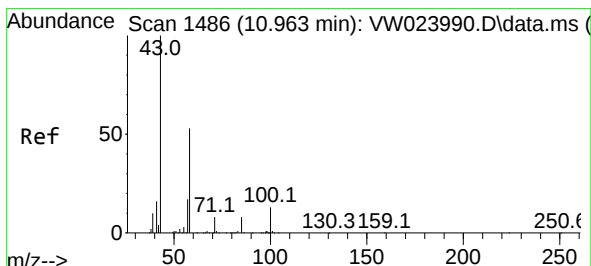
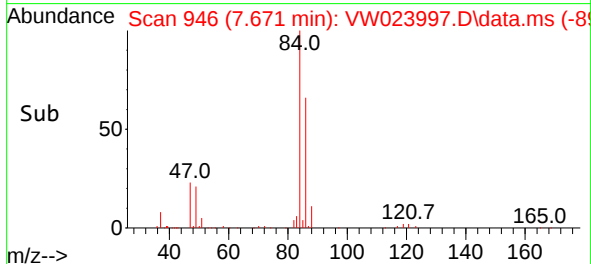
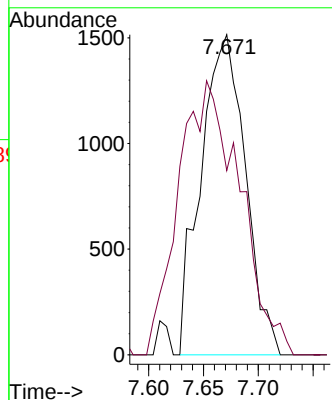
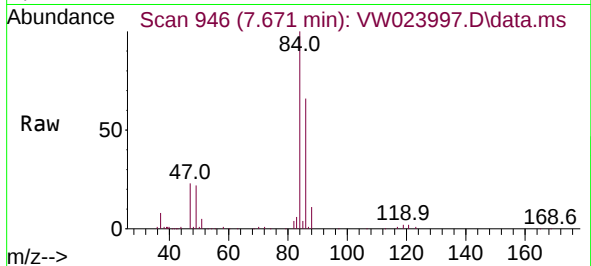




#25  
Chloroform  
Concen: 0.506 ug/L  
RT: 7.671 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: VW023997.D  
Acq: 22 Jul 2022 11:04

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 83 Resp: 4278  
Ion Ratio Lower Upper  
83 100  
85 57.6 41.9 77.9



#48  
2-Hexanone  
Concen: 7.982 ug/L  
RT: 10.951 min Scan# 1484  
Delta R.T. -0.012 min  
Lab File: VW023997.D  
Acq: 22 Jul 2022 11:04

Tgt Ion: 43 Resp: 15756  
Ion Ratio Lower Upper  
43 100  
58 5.8 41.6 62.4#  
57 2.1 14.6 21.8#  
100 0.5 10.6 15.8#

