

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071222\  
 Data File : VW023637.D  
 Acq On : 13 Jul 2022 05:12  
 Operator : SY/VA  
 Sample : N3678-15  
 Misc : 6.63g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B36

Quant Time: Jul 13 06:16:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 13 02:42:59 2022  
 Response via : Initial Calibration

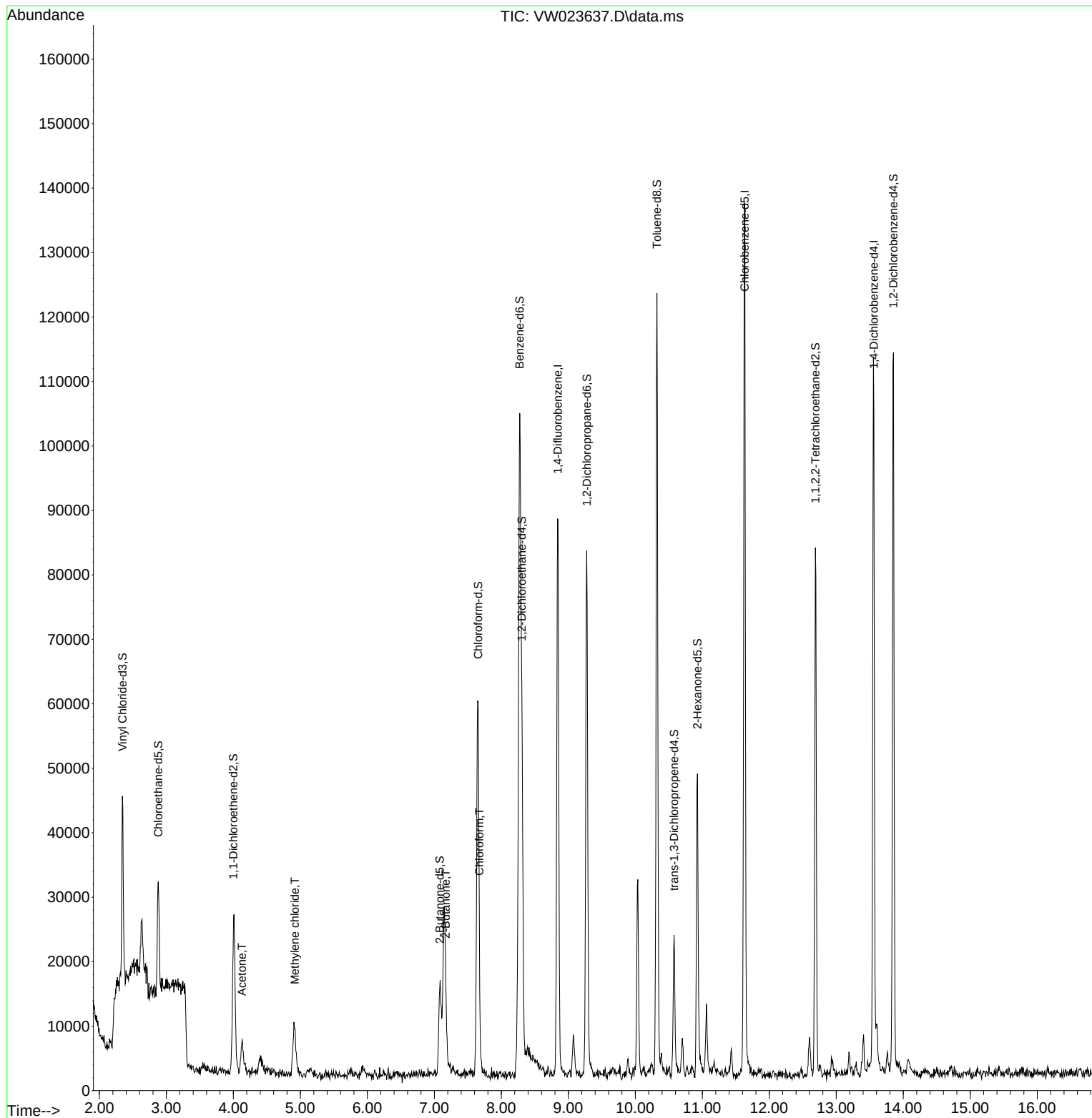
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 70821    | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 74139    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 26604    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 24195    | 18.873   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.480%   |
| 7) Chloroethane-d5            | 2.879  | 69    | 20530    | 28.001   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 112.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.001  | 63    | 21831    | 15.104   | ug/L   | -0.02     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 60.400%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 22067    | 82.890   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 165.780%# |
| 24) Chloroform-d              | 7.653  | 84    | 57184    | 28.348   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 113.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 39239    | 34.415   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 137.680%# |
| 32) Benzene-d6                | 8.275  | 84    | 97225    | 23.701   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 94.800%   |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 35957    | 29.940   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 119.760%  |
| 41) Toluene-d8                | 10.323 | 98    | 79053    | 19.882   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 79.520%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 11121    | 20.744   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 82.960%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 14450    | 61.518   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 123.040%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 37855    | 31.772   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 127.080%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 26784    | 27.905   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 111.600%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.129  | 43    | 6986     | 35.606   | ug/L   | 95        |
| 16) Methylene chloride        | 4.916  | 84    | 5380     | 4.479    | ug/L   | 93        |
| 22) 2-Butanone                | 7.171  | 43    | 1032     | 2.931    | ug/L   | 87        |
| 25) Chloroform                | 7.671  | 83    | 1392     | 0.689    | ug/L   | 80        |
| -----                         |        |       |          |          |        |           |

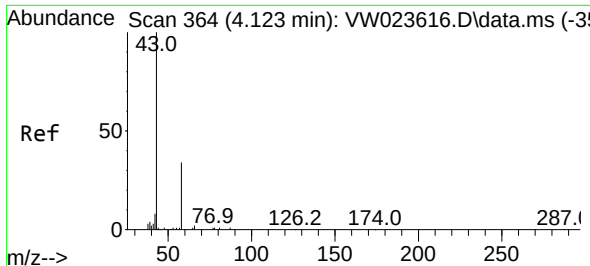
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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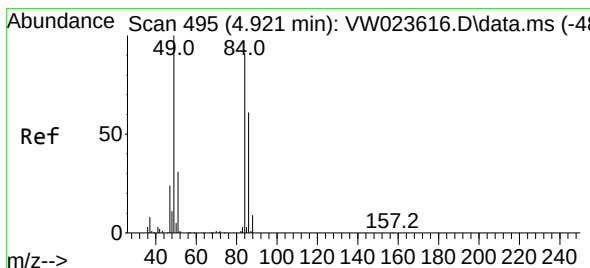
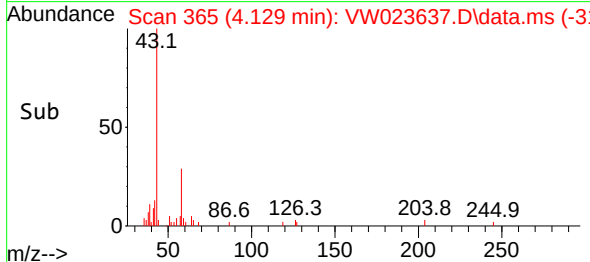
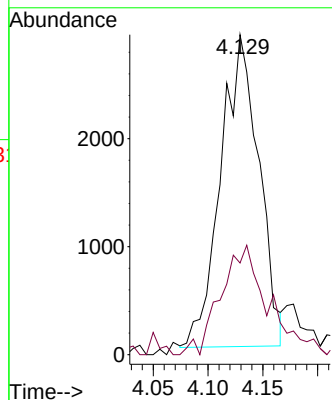
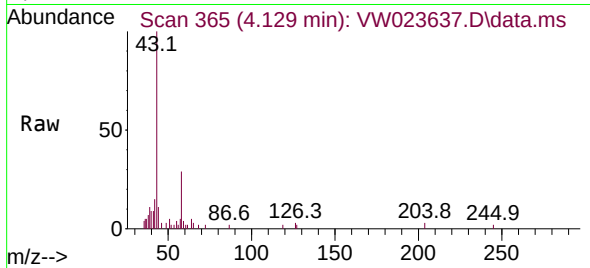




#13  
Acetone  
Concen: 35.606 ug/L  
RT: 4.129 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW023637.D  
Acq: 13 Jul 2022 05:12

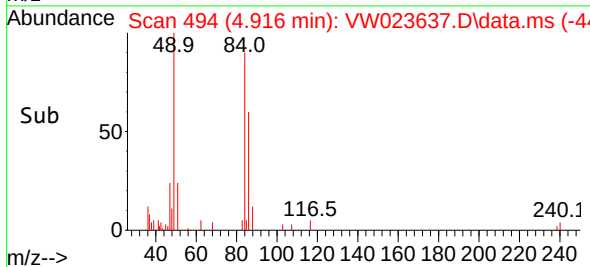
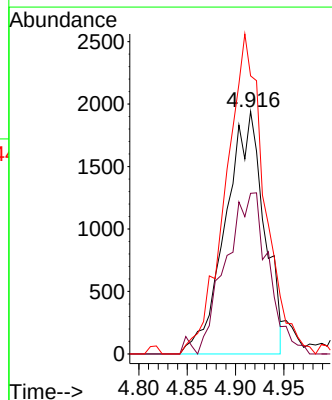
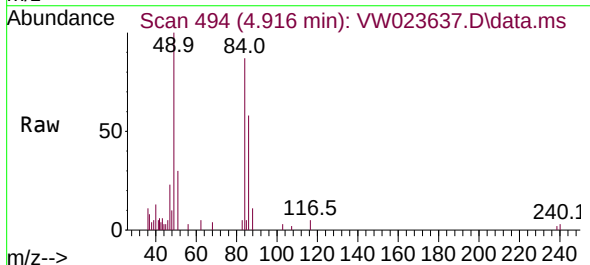
Instrument :  
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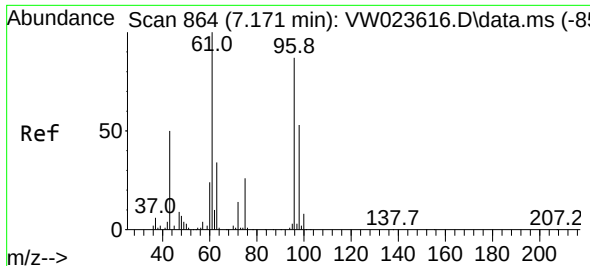
Tgt Ion: 43 Resp: 6986  
Ion Ratio Lower Upper  
43 100  
58 33.6 0.0 61.2



#16  
Methylene chloride  
Concen: 4.479 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW023637.D  
Acq: 13 Jul 2022 05:12

Tgt Ion: 84 Resp: 5380  
Ion Ratio Lower Upper  
84 100  
86 66.3 44.9 83.3  
49 114.7 87.6 162.6

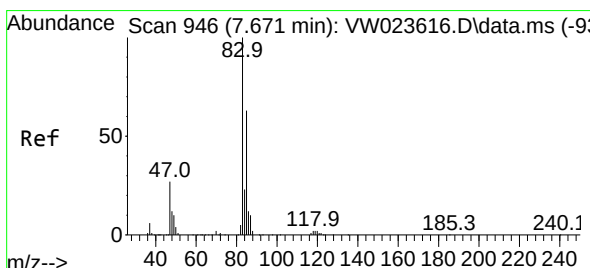
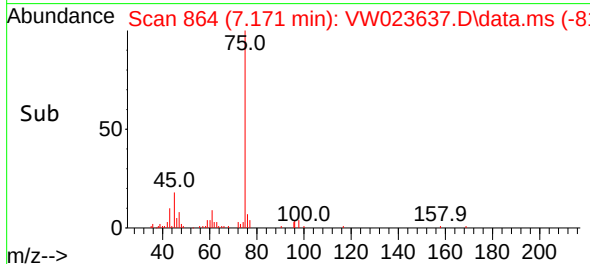
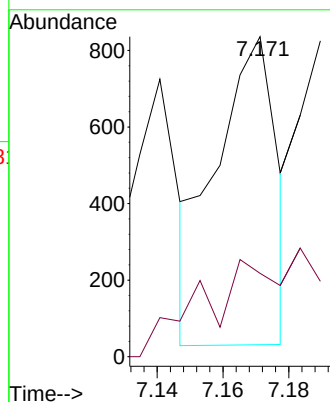
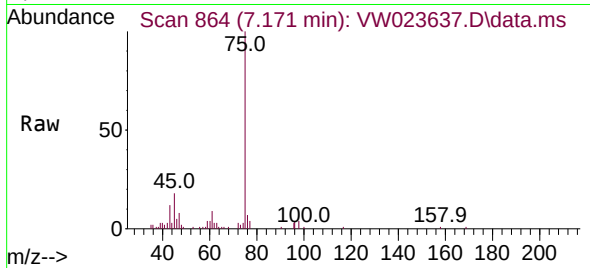




#22  
2-Butanone  
Concen: 2.931 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW023637.D  
Acq: 13 Jul 2022 05:12

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B36

Tgt Ion: 43 Resp: 1032  
Ion Ratio Lower Upper  
43 100  
72 23.4 15.4 46.1



#25  
Chloroform  
Concen: 0.689 ug/L  
RT: 7.671 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: VW023637.D  
Acq: 13 Jul 2022 05:12

Tgt Ion: 83 Resp: 1392  
Ion Ratio Lower Upper  
83 100  
85 83.4 47.0 87.4

