

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052422\  
 Data File : VW023297.D  
 Acq On : 25 May 2022 02:26  
 Operator : SY/VA  
 Sample : N2995-10  
 Misc : 3.84g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 25 05:59:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed May 25 04:05:49 2022  
 Response via : Initial Calibration

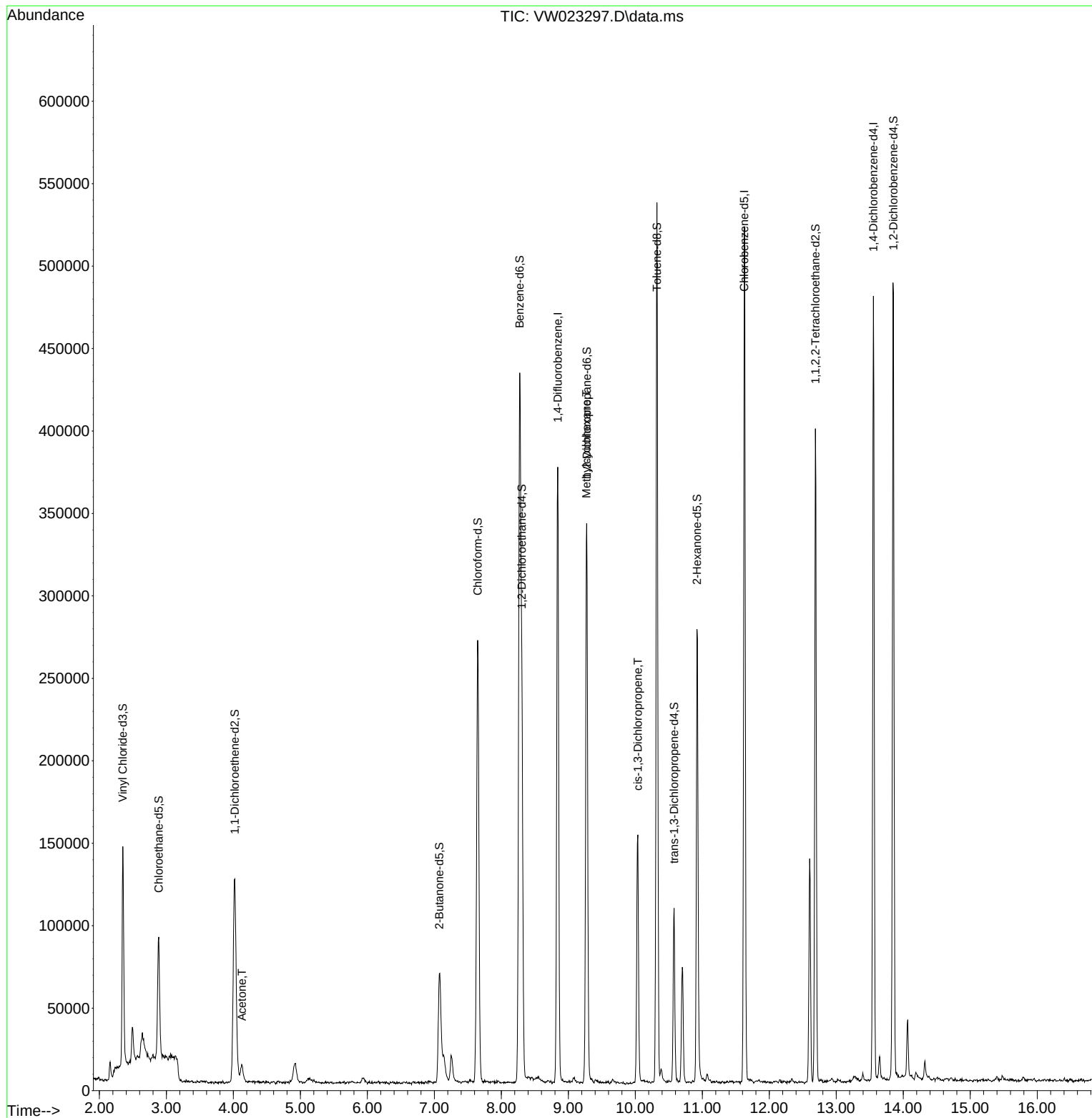
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114            | 316142   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117            | 286788   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152            | 116691   | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65             | 133080   | 20.518 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 82.080%   |          |
| 7) Chloroethane-d5            | 2.885  | 69             | 86727    | 20.553 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 82.200%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63             | 122033   | 14.561 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 58.240%   |          |
| 21) 2-Butanone-d5             | 7.074  | 46             | 111534   | 90.441 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 180.880%# |          |
| 24) Chloroform-d              | 7.647  | 84             | 264439   | 28.550 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 114.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65             | 170118   | 33.488 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 133.960%# |          |
| 32) Benzene-d6                | 8.275  | 84             | 440855   | 26.670 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 106.680%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67             | 152123   | 32.761 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 131.040%# |          |
| 41) Toluene-d8                | 10.323 | 98             | 345314   | 21.625 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 86.480%   |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 57058    | 26.687 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 106.760%  |          |
| 47) 2-Hexanone-d5             | 10.921 | 63             | 85109    | 96.015 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 192.020%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84             | 184666   | 42.668 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 170.680%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 123237   | 30.212 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 120.840%# |          |
| Target Compounds              |        |                |          |        |           |          |
| 13) Acetone                   | 4.129  | 43             | 16080    | 17.416 | ug/L      | 97       |
| 35) Methylcyclohexane         | 9.268  | 83             | 38321    | 5.021  | ug/L #    | 21       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75             | 4534     | 0.715  | ug/L      | 86       |

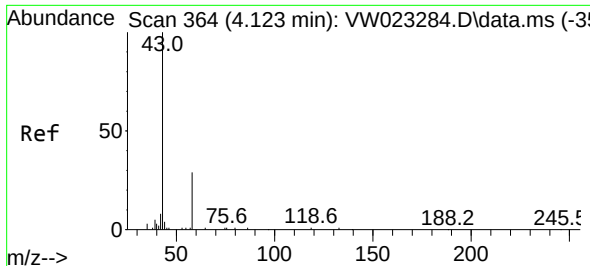
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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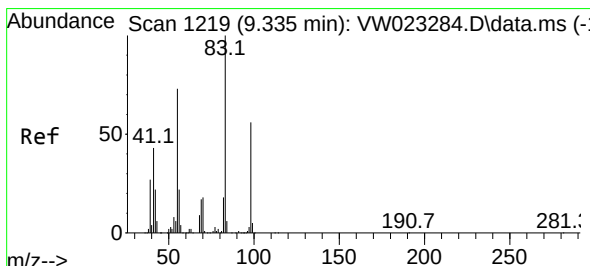
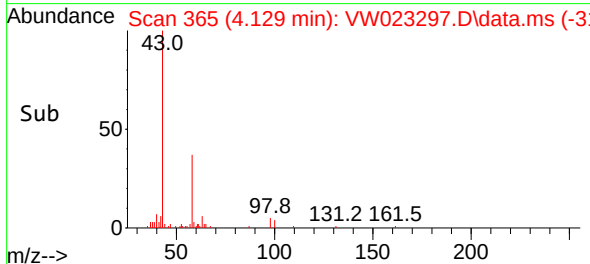
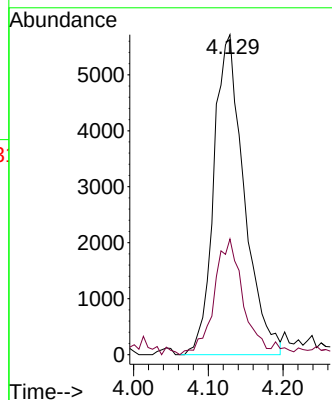
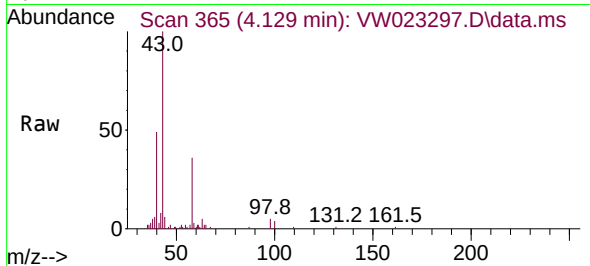




#13  
Acetone  
Concen: 17.416 ug/L  
RT: 4.129 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW023297.D  
Acq: 25 May 2022 02:26

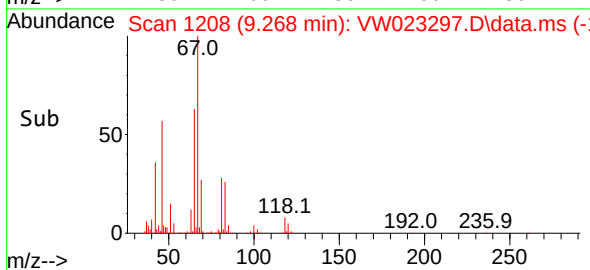
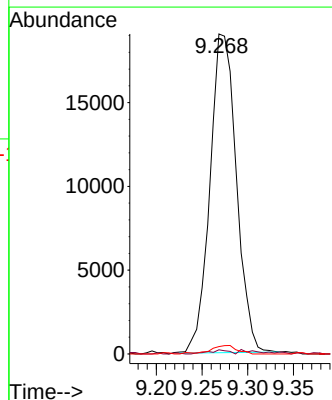
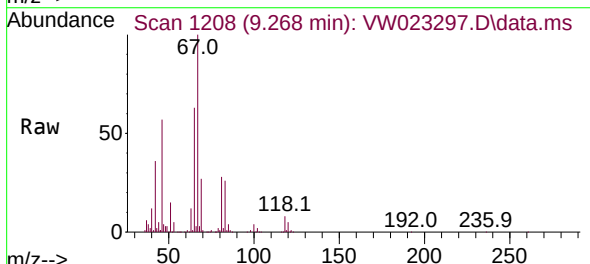
Instrument :  
MSVOA\_W  
ClientSampleId :

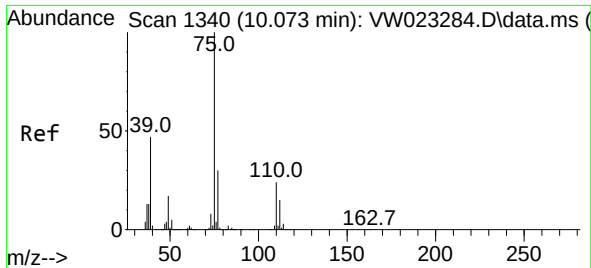
Tgt Ion: 43 Resp: 16080  
Ion Ratio Lower Upper  
43 100  
58 33.8 0.0 64.0



#35  
Methylcyclohexane  
Concen: 5.021 ug/L  
RT: 9.268 min Scan# 1208  
Delta R.T. -0.067 min  
Lab File: VW023297.D  
Acq: 25 May 2022 02:26

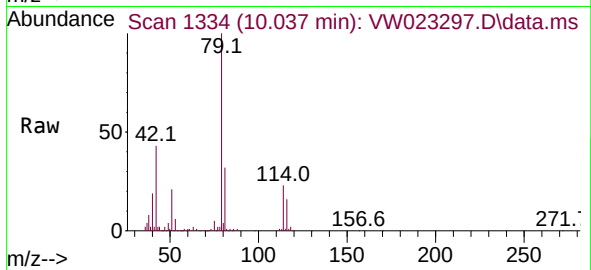
Tgt Ion: 83 Resp: 38321  
Ion Ratio Lower Upper  
83 100  
55 0.6 55.1 82.7#  
98 0.0 40.4 60.6#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.715 ug/L  
 RT: 10.037 min Scan# 11  
 Delta R.T. -0.036 min  
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 MSVOA\_W  
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Tgt Ion: 75 Resp: 4534  
 Ion Ratio Lower Upper  
 75 100  
 77 39.5 22.1 41.1

