

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031122\  
 Data File : VW022301.D  
 Acq On : 11 Mar 2022 15:42  
 Operator : SY/VA  
 Sample : N1819-13  
 Misc : 7.02g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Mar 11 21:05:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Mar 11 21:01:07 2022  
 Response via : Initial Calibration

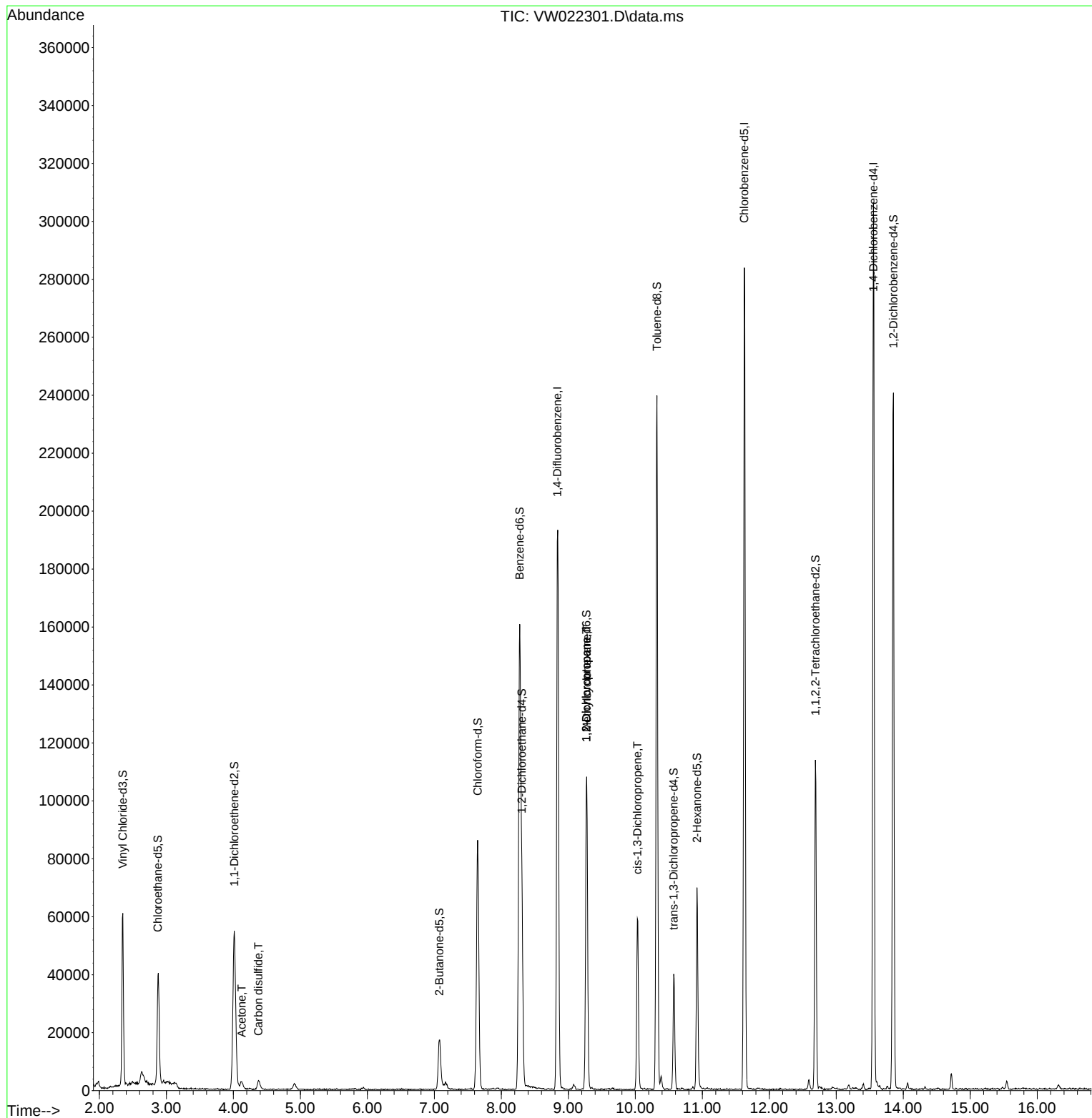
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.836  | 114   | 173907   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 162279   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 81428    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 55947    | 24.665   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 98.640%   |
| 7) Chloroethane-d5            | 2.873  | 69    | 42341    | 23.724   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 94.880%   |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 51654    | 14.870   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 59.480%   |
| 21) 2-Butanone-d5             | 7.074  | 46    | 27698    | 72.626   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 145.260%# |
| 24) Chloroform-d              | 7.647  | 84    | 86562    | 22.309   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.240%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 50680    | 25.127   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 100.520%  |
| 32) Benzene-d6                | 8.275  | 84    | 169319   | 22.419   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 89.680%   |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67    | 49145    | 23.431   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.720%   |
| 41) Toluene-d8                | 10.323 | 98    | 156407   | 20.831   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 83.320%   |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 21986    | 23.642   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 94.560%   |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 23037    | 66.781   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 133.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 52872    | 28.724   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 114.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 63249    | 24.183   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 96.720%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.123  | 43    | 4219     | 13.545   | ug/L   | 99        |
| 14) Carbon disulfide          | 4.373  | 76    | 6621     | 1.422    | ug/L   | 97        |
| 35) Methylcyclohexane         | 9.274  | 83    | 13203    | 3.800    | ug/L # | 22        |
| 37) 1,2-Dichloropropane       | 9.268  | 63    | 5898     | 3.222    | ug/L # | 86        |
| 39) cis-1,3-Dichloropropene   | 10.030 | 75    | 1903     | 0.684    | ug/L # | 44        |
| -----                         |        |       |          |          |        |           |

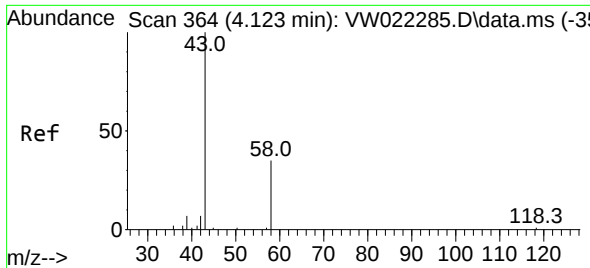
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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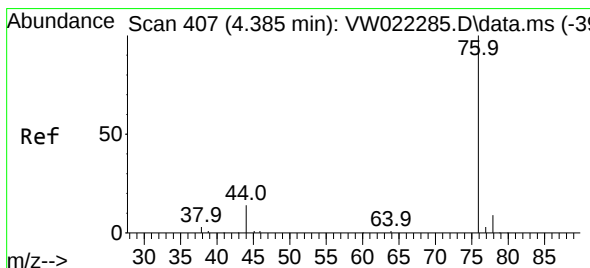
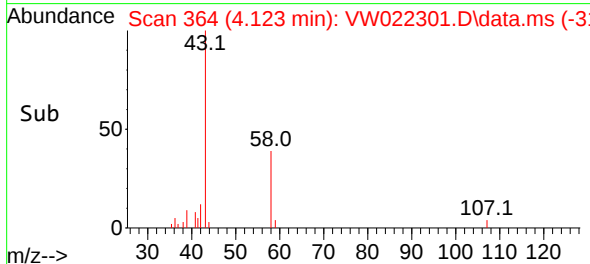
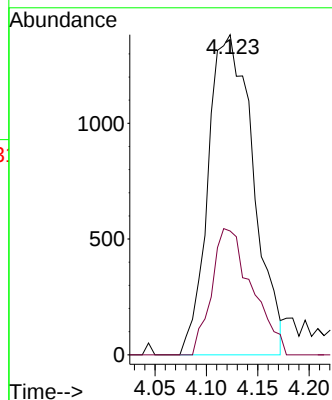
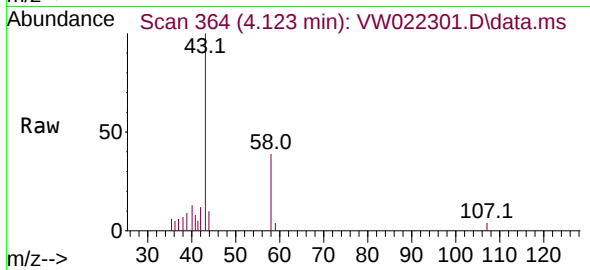




#13  
Acetone  
Concen: 13.545 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: VW022301.D  
Acq: 11 Mar 2022 15:42

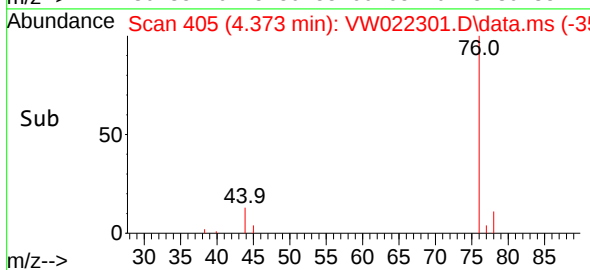
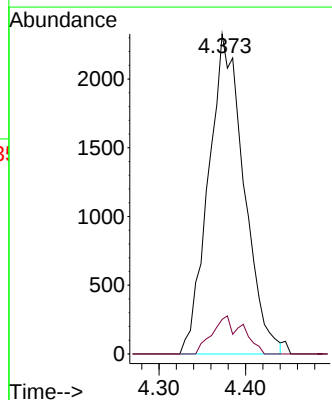
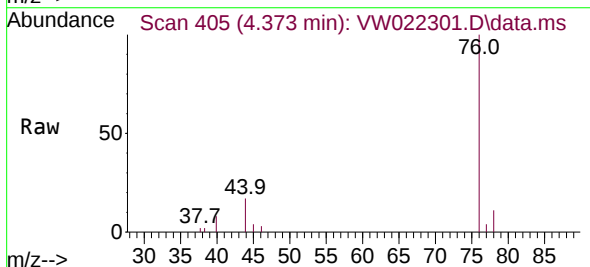
Instrument :  
MSVOA\_W  
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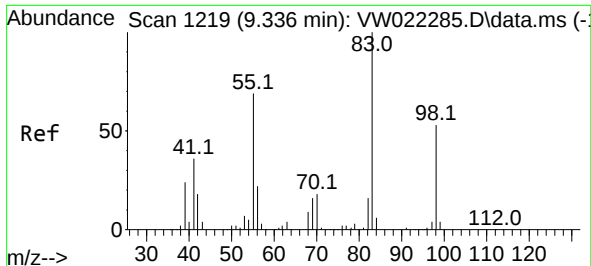
Tgt Ion: 43 Resp: 4219  
Ion Ratio Lower Upper  
43 100  
58 35.2 0.0 69.2



#14  
Carbon disulfide  
Concen: 1.422 ug/L  
RT: 4.373 min Scan# 405  
Delta R.T. -0.012 min  
Lab File: VW022301.D  
Acq: 11 Mar 2022 15:42

Tgt Ion: 76 Resp: 6621  
Ion Ratio Lower Upper  
76 100  
78 10.8 7.8 11.8

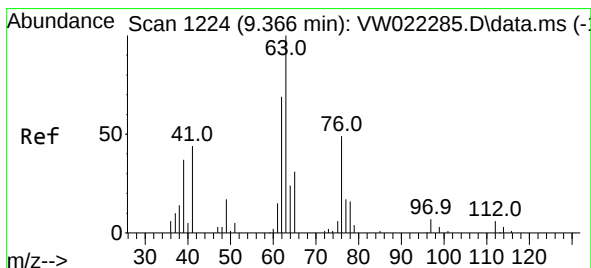
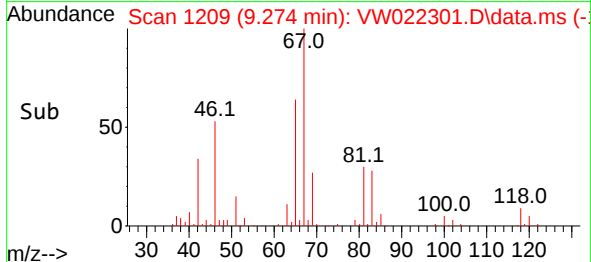
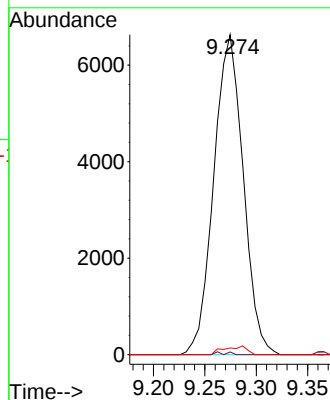
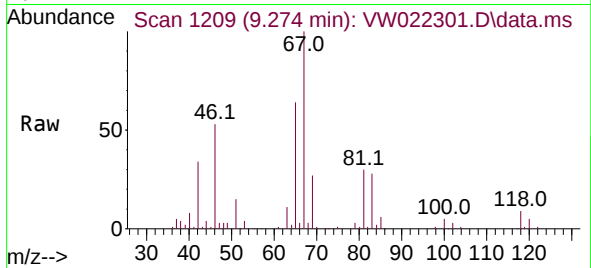




#35  
Methylcyclohexane  
Concen: 3.800 ug/L  
RT: 9.274 min Scan# 11  
Delta R.T. -0.061 min  
Lab File: VW022301.D  
Acq: 11 Mar 2022 15:42

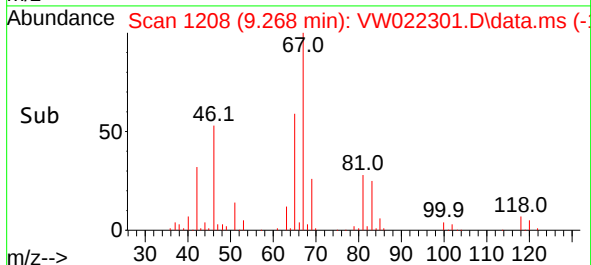
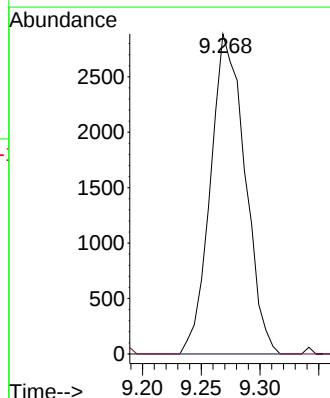
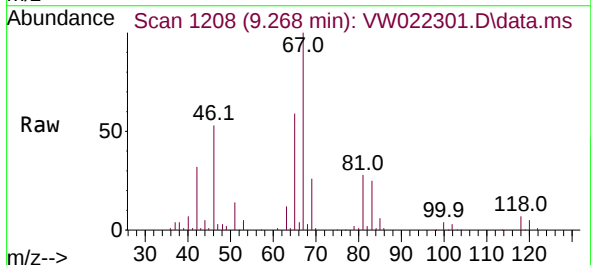
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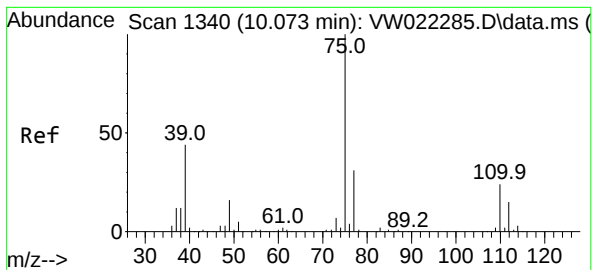
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.2   | 53.8  | 80.8# |
| 98      | 2.1   | 42.1  | 63.1# |



#37  
1,2-Dichloropropane  
Concen: 3.222 ug/L  
RT: 9.268 min Scan# 1208  
Delta R.T. -0.098 min  
Lab File: VW022301.D  
Acq: 11 Mar 2022 15:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.4   | 4.1   | 6.1#  |





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.684 ug/L  
 RT: 10.030 min Scan# 11  
 Delta R.T. -0.043 min  
 Lab File: VW022301.D  
 Acq: 11 Mar 2022 15:42

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 75 Resp: 1903  
 Ion Ratio Lower Upper  
 75 100  
 77 59.4 20.6 38.2#

