

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042922\  
 Data File : VW022697.D  
 Acq On : 29 Apr 2022 13:57  
 Operator : SY/VA  
 Sample : N2623-01  
 Misc : 5.60g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 29 22:25:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 29 22:19:25 2022  
 Response via : Initial Calibration

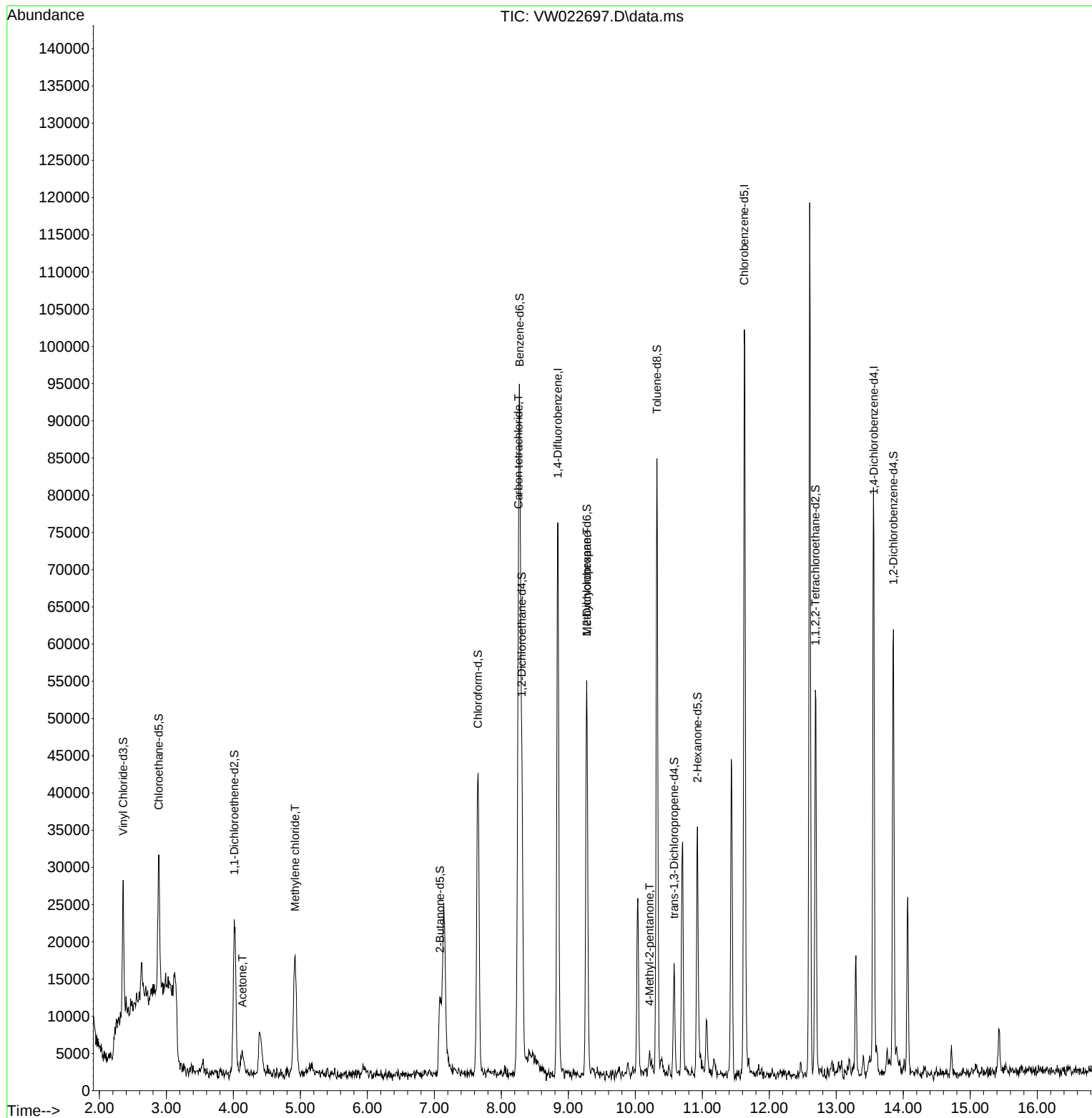
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 59489    | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 55596    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 19812    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 15930    | 12.113   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 48.440%   |
| 7) Chloroethane-d5            | 2.885  | 69    | 18654    | 22.632   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 90.520%   |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 18617    | 10.914   | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 43.640%#  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 16263    | 70.831   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 141.660%# |
| 24) Chloroform-d              | 7.653  | 84    | 40698    | 21.887   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 87.560%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 27365    | 25.758   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 103.040%  |
| 32) Benzene-d6                | 8.275  | 84    | 66552    | 19.593   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 78.360%   |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 23048    | 23.447   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.800%   |
| 41) Toluene-d8                | 10.323 | 98    | 52575    | 15.804   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 63.200%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 7961     | 17.161   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 68.640%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 11069    | 60.525   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 121.040%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 23996    | 28.710   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 114.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 14139    | 20.148   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.600%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.135  | 43    | 5220     | 33.391   | ug/L   | 87        |
| 16) Methylene chloride        | 4.922  | 84    | 12434    | 13.890   | ug/L   | 85        |
| 31) Carbon tetrachloride      | 8.256  | 117   | 1064     | 0.769    | ug/L # | 11        |
| 35) Methylcyclohexane         | 9.275  | 83    | 6304     | 3.477    | ug/L # | 20        |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43    | 1085     | 1.966    | ug/L # | 56        |
| -----                         |        |       |          |          |        |           |

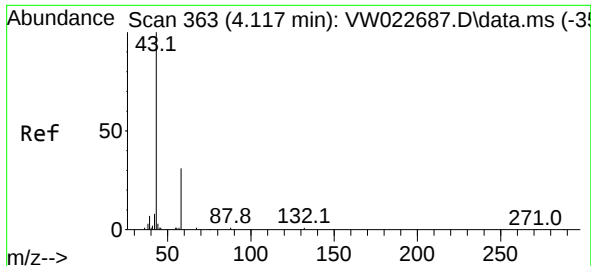
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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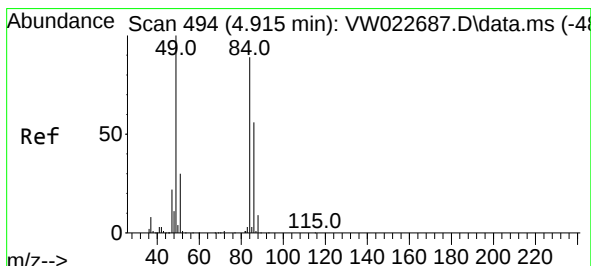
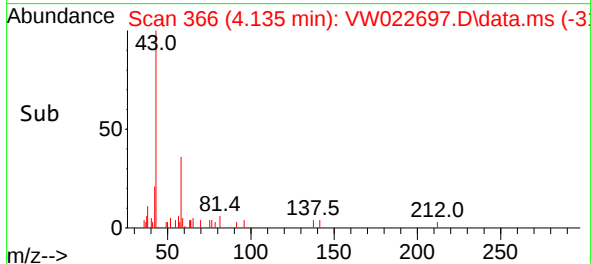
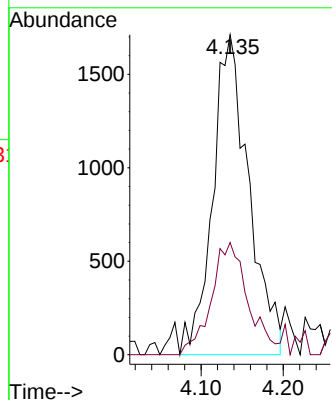
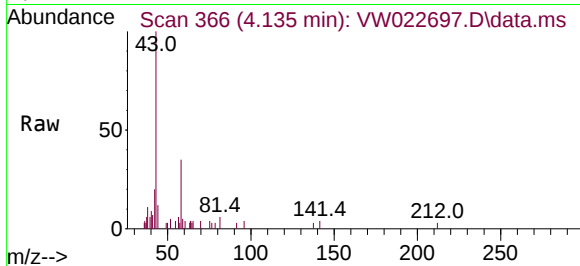




#13  
Acetone  
Concen: 33.391 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.018 min  
Lab File: VW022697.D  
Acq: 29 Apr 2022 13:57

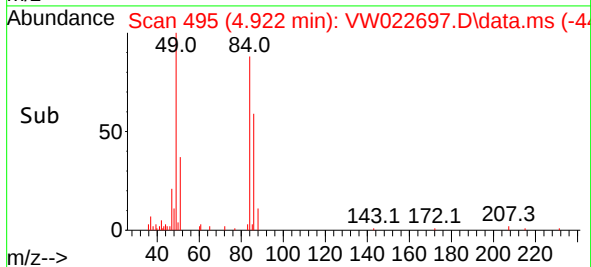
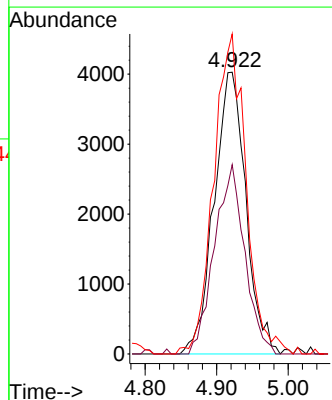
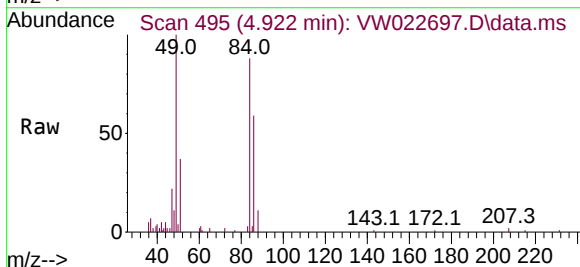
Instrument :  
MSVOA\_W  
ClientSampleId :

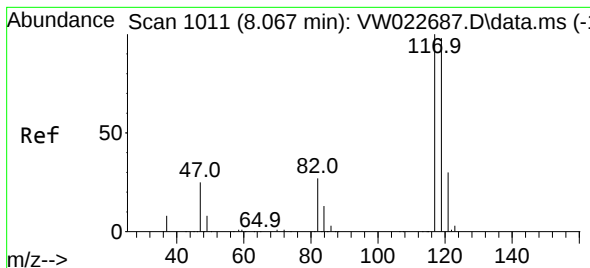
Tgt Ion: 43 Resp: 5220  
Ion Ratio Lower Upper  
43 100  
58 35.4 0.0 57.0



#16  
Methylene chloride  
Concen: 13.890 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW022697.D  
Acq: 29 Apr 2022 13:57

Tgt Ion: 84 Resp: 12434  
Ion Ratio Lower Upper  
84 100  
86 67.2 42.8 79.4  
49 113.6 94.2 175.0





#31

Carbon tetrachloride

Concen: 0.769 ug/L

RT: 8.256 min Scan# 110

Delta R.T. 0.189 min

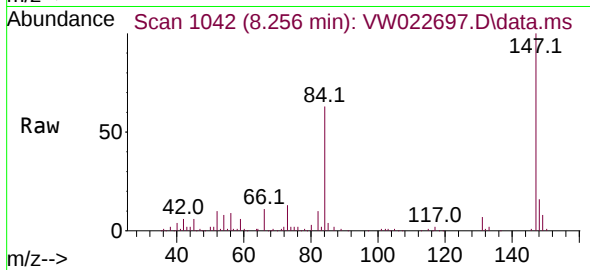
Lab File: VW022697.D

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Instrument :

MSVOA\_W

ClientSampleId :

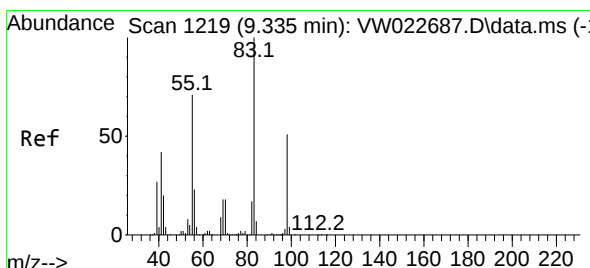
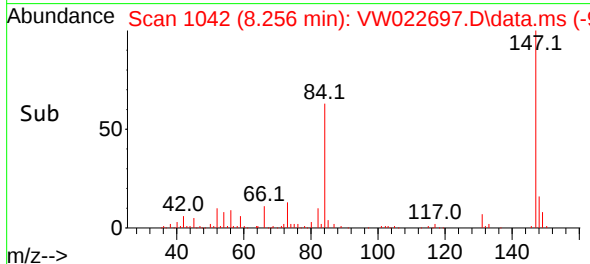
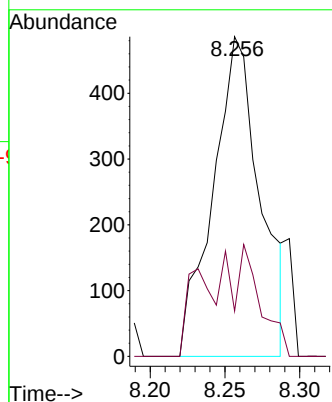


Tgt Ion:117 Resp: 1064

Ion Ratio Lower Upper

117 100

119 8.1 75.5 113.3#



#35

Methylcyclohexane

Concen: 3.477 ug/L

RT: 9.275 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW022697.D

Acq: 29 Apr 2022 13:57

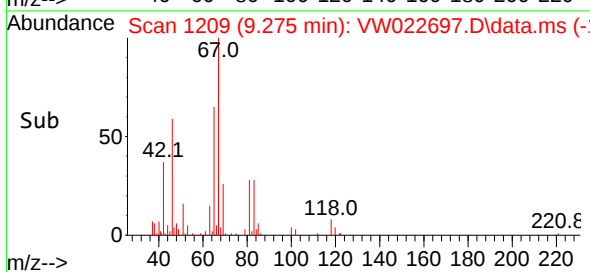
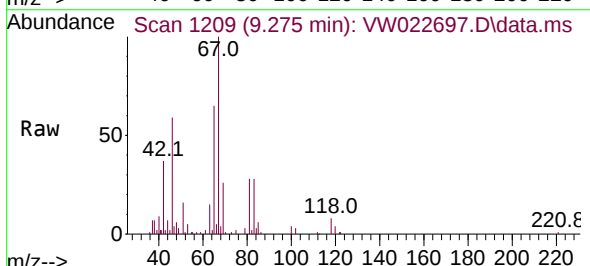
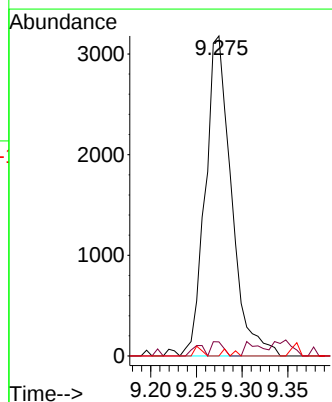
Tgt Ion: 83 Resp: 6304

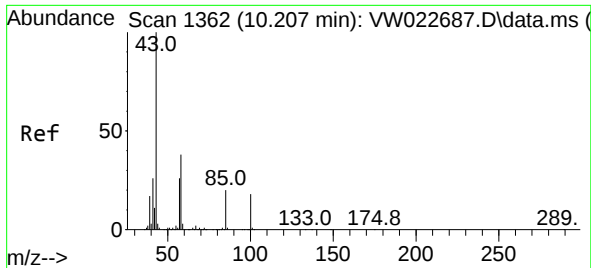
Ion Ratio Lower Upper

83 100

55 2.0 61.0 91.6#

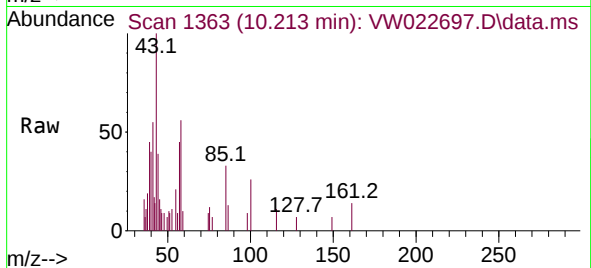
98 0.4 39.2 58.8#





#40  
 4-Methyl-2-pentanone  
 Concen: 1.966 ug/L  
 RT: 10.213 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VW022697.D  
 Acq: 29 Apr 2022 13:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1085  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 68.3  | 29.3  | 43.9# |
| 100      | 24.5  | 12.2  | 18.4# |

