

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111622\  
 Data File : VW025061.D  
 Acq On : 16 Nov 2022 16:26  
 Operator : SY/VA  
 Sample : N5658-01  
 Misc : 5.30g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ESQT3

Quant Time: Nov 17 00:40:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM102622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Nov 17 00:39:48 2022  
 Response via : Initial Calibration

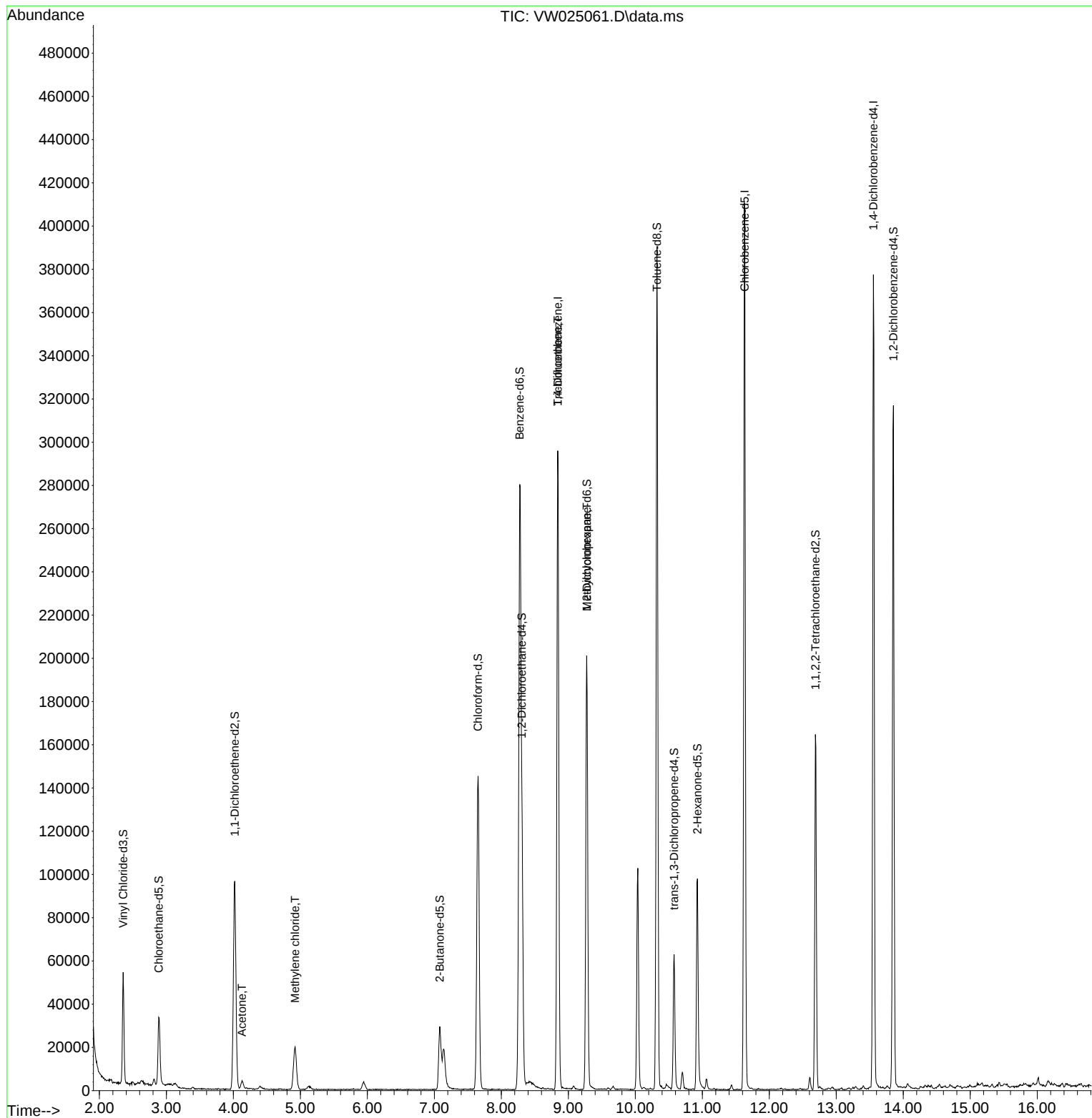
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 249940   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 231019   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 97951    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 47562    | 16.954   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 67.800%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 35810    | 21.790   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 87.160%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 94050    | 13.458   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 53.840%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 48682    | 51.416   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 102.840% |
| 24) Chloroform-d              | 7.653  | 84    | 153867   | 20.285   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 81.160%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 83757    | 19.726   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 78.920%  |
| 32) Benzene-d6                | 8.275  | 84    | 294701   | 19.902   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 79.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 97473    | 22.466   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 89.880%  |
| 41) Toluene-d8                | 10.323 | 98    | 254663   | 18.473   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 73.880%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 36448    | 18.945   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 75.800%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 36239    | 48.353   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 87828    | 25.353   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 101.400% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 81436    | 21.634   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 86.520%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 4.129  | 43    | 6429     | 9.558    | ug/L   | 92       |
| 16) Methylene chloride        | 4.922  | 84    | 15333    | 3.455    | ug/L   | 92       |
| 34) Trichloroethene           | 8.842  | 95    | 7587     | 2.060    | ug/L # | 7        |
| 35) Methylcyclohexane         | 9.275  | 83    | 23475    | 3.751    | ug/L # | 20       |
| -----                         |        |       |          |          |        |          |

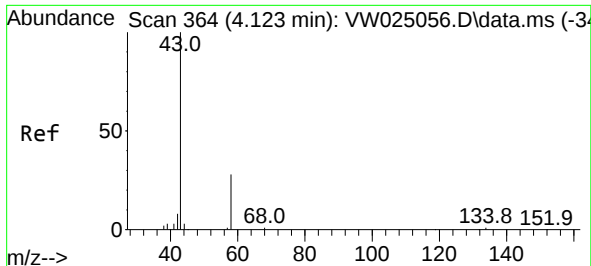
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Thu Nov 17 00:39:48 2022  
Response via : Initial Calibration





#13

Acetone

Concen: 9.558 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW025061.D

Acq: 16 Nov 2022 16:26

Instrument :

MSVOA\_W

ClientSampleId :

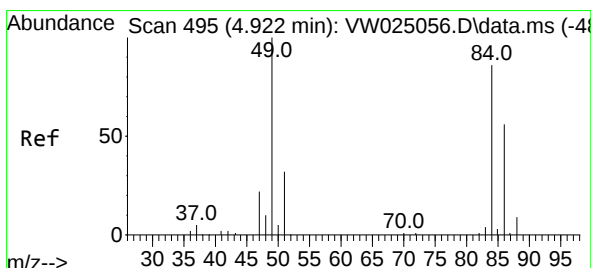
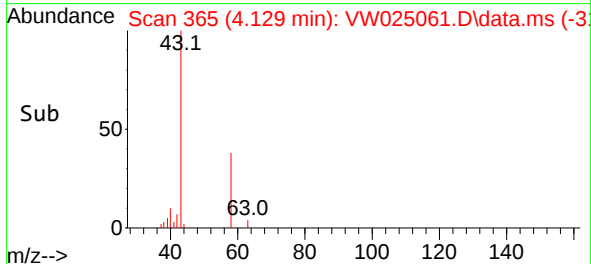
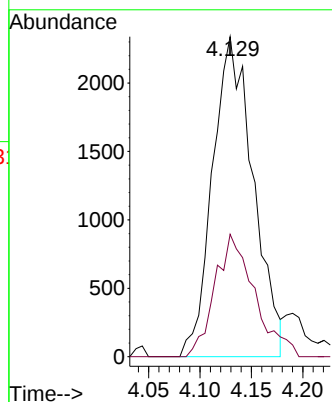
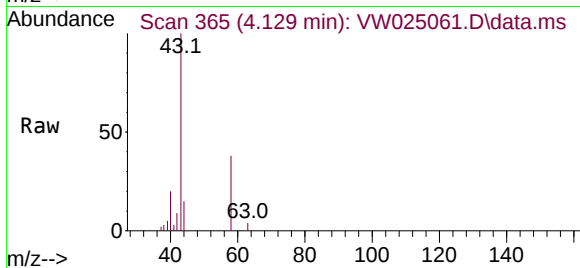
ESQT3

Tgt Ion: 43 Resp: 6429

Ion Ratio Lower Upper

43 100

58 37.2 0.0 65.4



#16

Methylene chloride

Concen: 3.455 ug/L

RT: 4.922 min Scan# 495

Delta R.T. 0.000 min

Lab File: VW025061.D

Acq: 16 Nov 2022 16:26

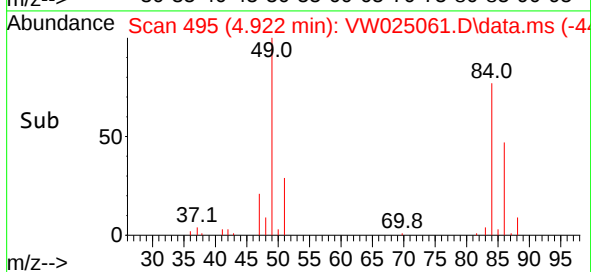
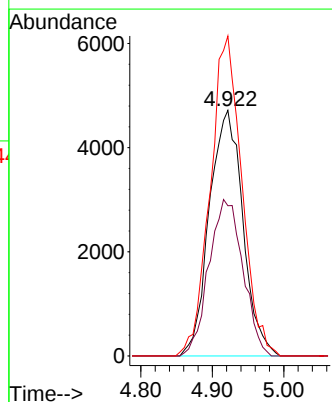
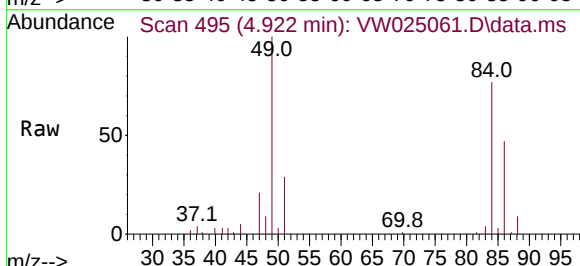
Tgt Ion: 84 Resp: 15333

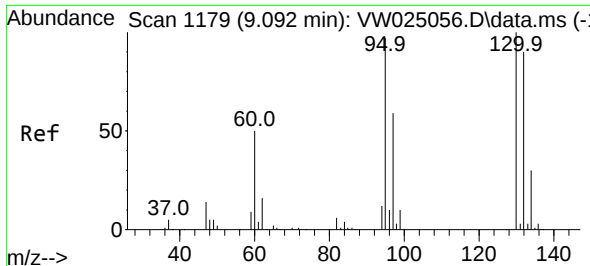
Ion Ratio Lower Upper

84 100

86 61.2 42.6 79.0

49 130.3 81.9 152.1

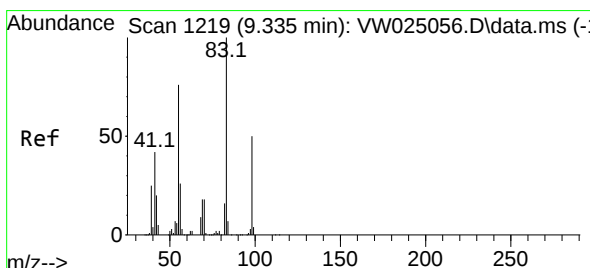
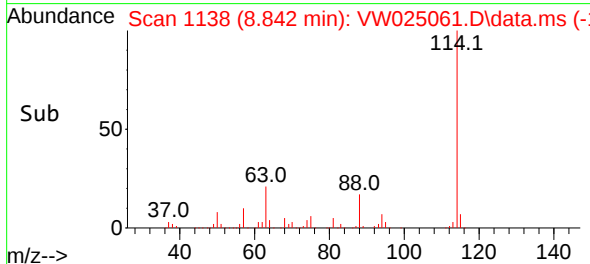
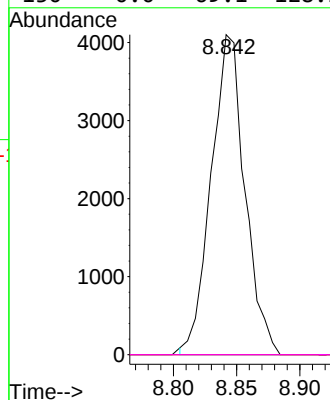
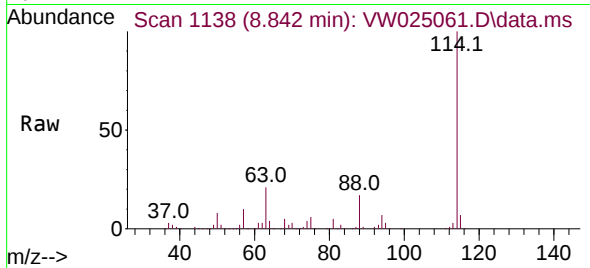




#34  
Trichloroethene  
Concen: 2.060 ug/L  
RT: 8.842 min Scan# 1179  
Delta R.T. -0.250 min  
Lab File: VW025061.D  
Acq: 16 Nov 2022 16:26

Instrument :  
MSVOA\_W  
ClientSampleId :  
ESQT3

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 7587   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 44.7  | 83.1#  |
| 132      | 0.0   | 62.6  | 116.2# |
| 130      | 0.0   | 69.1  | 128.3# |



#35  
Methylcyclohexane  
Concen: 3.751 ug/L  
RT: 9.275 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW025061.D  
Acq: 16 Nov 2022 16:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 23475 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.6   | 60.4  | 90.6# |
| 98       | 1.8   | 39.5  | 59.3# |

