

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121121\  
 Data File : VW021321.D  
 Acq On : 11 Dec 2021 12:52  
 Operator : SY/VA  
 Sample : M5023-01RE  
 Misc : 6.34g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGKX7RE

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/13/2021  
 Supervised By :Mahesh Dadoda 12/15/2021

Quant Time: Dec 12 08:07:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 10 23:12:45 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 66761      | 25.000    | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 60406      | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 24927      | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.349          | 65   | 29200      | 24.015    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 96.080%   |        |          |
| 7) Chloroethane-d5            | 2.879          | 69   | 21239      | 26.423    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 105.680%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.013          | 63   | 27750      | 17.119    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 68.480%   |        |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 11636      | 67.891    | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 135.780%# |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 47319      | 25.434    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 101.720%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 26147      | 26.421    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 105.680%  |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 85410      | 25.795    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 103.200%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 24665      | 27.776    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 111.120%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 77459      | 22.896    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 91.600%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 10568      | 25.847    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 103.400%  |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 8833       | 67.269    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 134.540%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 21766      | 28.514    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 114.040%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 22928      | 23.734    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 94.920%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.147          | 43   | 887m       | 5.773     | ug/L   |          |
| 16) Methylene chloride        | 4.909          | 84   | 4274       | 3.874     | ug/L   | # 74     |
| -----                         |                |      |            |           |        |          |

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

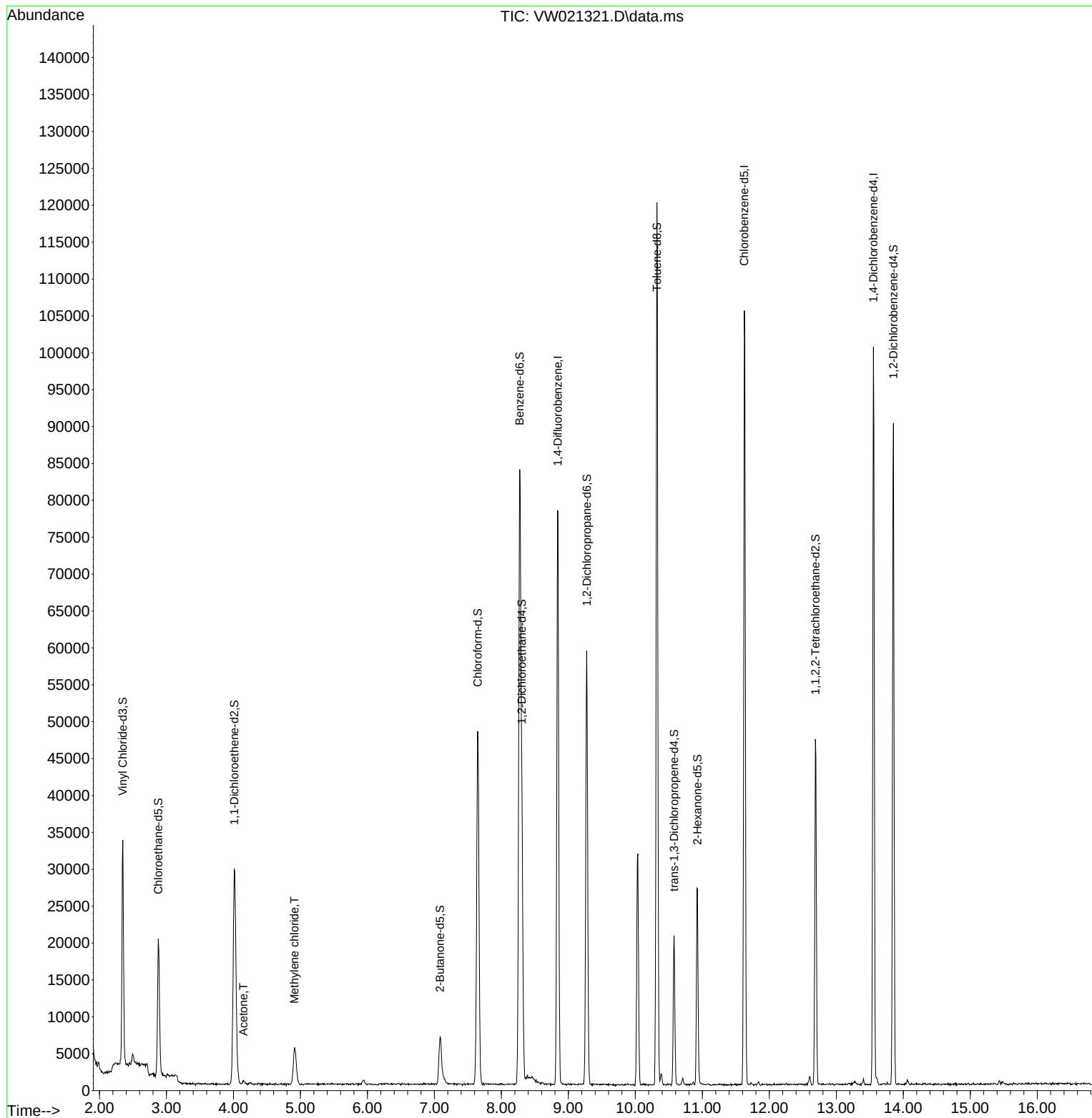
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121121\  
Data File : VW021321.D  
Acq On : 11 Dec 2021 12:52  
Operator : SY/VA  
Sample : M5023-01RE  
Misc : 6.34g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

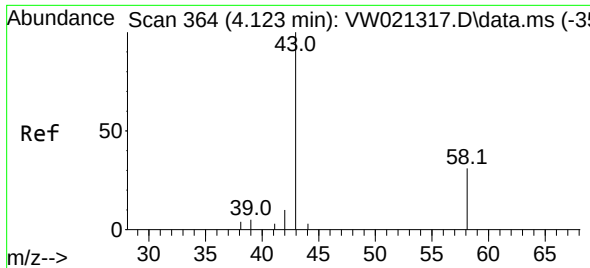
Instrument :  
MSVOA\_W  
ClientSampleId :  
BGKX7RE

Quant Time: Dec 12 08:07:28 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Dec 10 23:12:45 2021  
Response via : Initial Calibration

Manual Integrations  
APPROVED

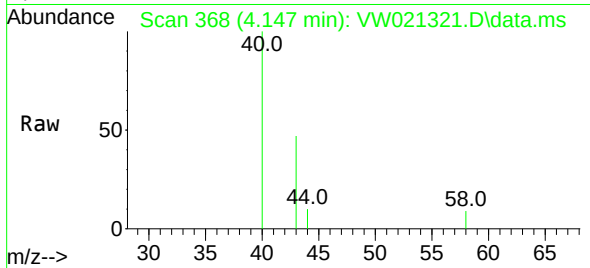
Reviewed By :Semsettin Yesilyurt 12/13/2021  
Supervised By :Mahesh Dadoda 12/15/2021





#13  
Acetone  
Concen: 5.773 ug/L m  
RT: 4.147 min Scan# 30  
Delta R.T. 0.024 min  
Lab File: VW021321.D  
Acq: 11 Dec 2021 12:52

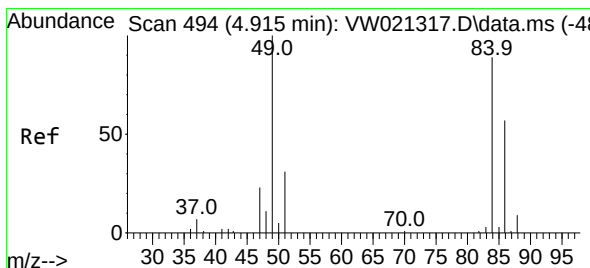
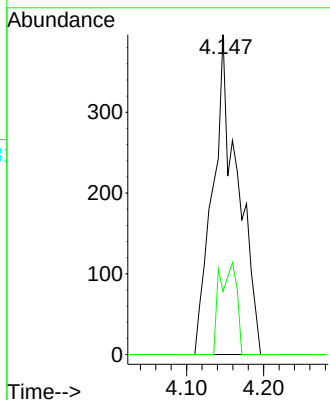
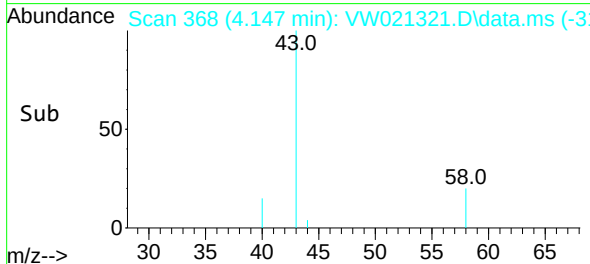
Instrument :  
MSVOA\_W  
ClientSampleId :  
BGKX7RE



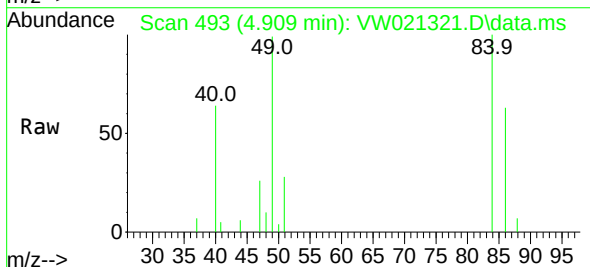
Tgt Ion: 43 Resp: 88  
Ion Ratio Lower Upper  
43 100  
58 7.6 0.0 52.8

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 12/13/2021  
Supervised By :Mahesh Dadoda 12/15/2021



#16  
Methylene chloride  
Concen: 3.874 ug/L  
RT: 4.909 min Scan# 493  
Delta R.T. -0.006 min  
Lab File: VW021321.D  
Acq: 11 Dec 2021 12:52



Tgt Ion: 84 Resp: 4274  
Ion Ratio Lower Upper  
84 100  
86 63.2 45.5 84.5  
49 99.0 100.5 186.7#

