

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060823\  
 Data File : VW026145.D  
 Acq On : 08 Jun 2023 20:42  
 Operator : SY/MD  
 Sample : 03101-10  
 Misc : 5.81g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZEM6

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2023  
 Supervised By :Mahesh Dadoda 06/09/2023

Quant Time: Jun 09 01:38:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 09 01:33:49 2023  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                         |           |       |          |          |             |          |
| Internal Standards            |           |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 8.843     | 114   | 567836   | 25.000   | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 11.629    | 117   | 313354   | 25.000   | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556    | 152   | 118109   | 25.000   | ug/L        | 0.00     |
|                               |           |       |          |          |             |          |
| System Monitoring Compounds   |           |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 2.363     | 65    | 203786   | 25.511   | ug/L        | -0.01    |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | = 102.040%  |          |
| 7) Chloroethane-d5            | 2.893     | 69    | 186538   | 31.194   | ug/L        | -0.01    |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | = 124.760%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.015     | 65    | 88766    | 22.536   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 45 - 110 | Recovery | = 90.160%   |          |
| 21) 2-Butanone-d5             | 7.075     | 46    | 219423   | 94.349   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | = 188.700%# |          |
| 24) Chloroform-d              | 7.648     | 84    | 407342   | 24.497   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 40 - 150 | Recovery | = 98.000%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.307     | 65    | 269139   | 29.600   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 70 - 130 | Recovery | = 118.400%  |          |
| 32) Benzene-d6                | 8.270     | 84    | 764419   | 36.254   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 20 - 135 | Recovery | = 145.000%# |          |
| 36) 1,2-Dichloropropane-d6    | 9.270     | 67    | 269350   | 40.322   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 70 - 120 | Recovery | = 161.280%# |          |
| 41) Toluene-d8                | 10.325    | 98    | 450454   | 24.090   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 130 | Recovery | = 96.360%   |          |
| 43) trans-1,3-Dichloroprop... | 10.575    | 79    | 71820    | 27.132   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 135 | Recovery | = 108.520%  |          |
| 47) 2-Hexanone-d5             | 10.922    | 63    | 139687   | 132.619  | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | = 265.240%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690    | 84    | 196596   | 40.444   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 45 - 120 | Recovery | = 161.760%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.861    | 152   | 121610   | 26.901   | ug/L        | 0.00     |
| Spiked Amount                 | 25.000    | Range | 75 - 120 | Recovery | = 107.600%  |          |
|                               |           |       |          |          |             |          |
| Target Compounds              |           |       |          |          |             | Qvalue   |
| 13) Acetone                   | 4.112     | 43    | 263007   | 146.153  | ug/L        | 99       |
| 14) Carbon disulfide          | 4.387     | 76    | 27005    | 1.058    | ug/L        | 100      |
| 22) 2-Butanone                | 7.167     | 43    | 118323m  | 46.094   | ug/L        |          |
| 35) Methylcyclohexane         | 9.331     | 83    | 14675    | 1.509    | ug/L #      | 82       |
| -----                         |           |       |          |          |             |          |

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

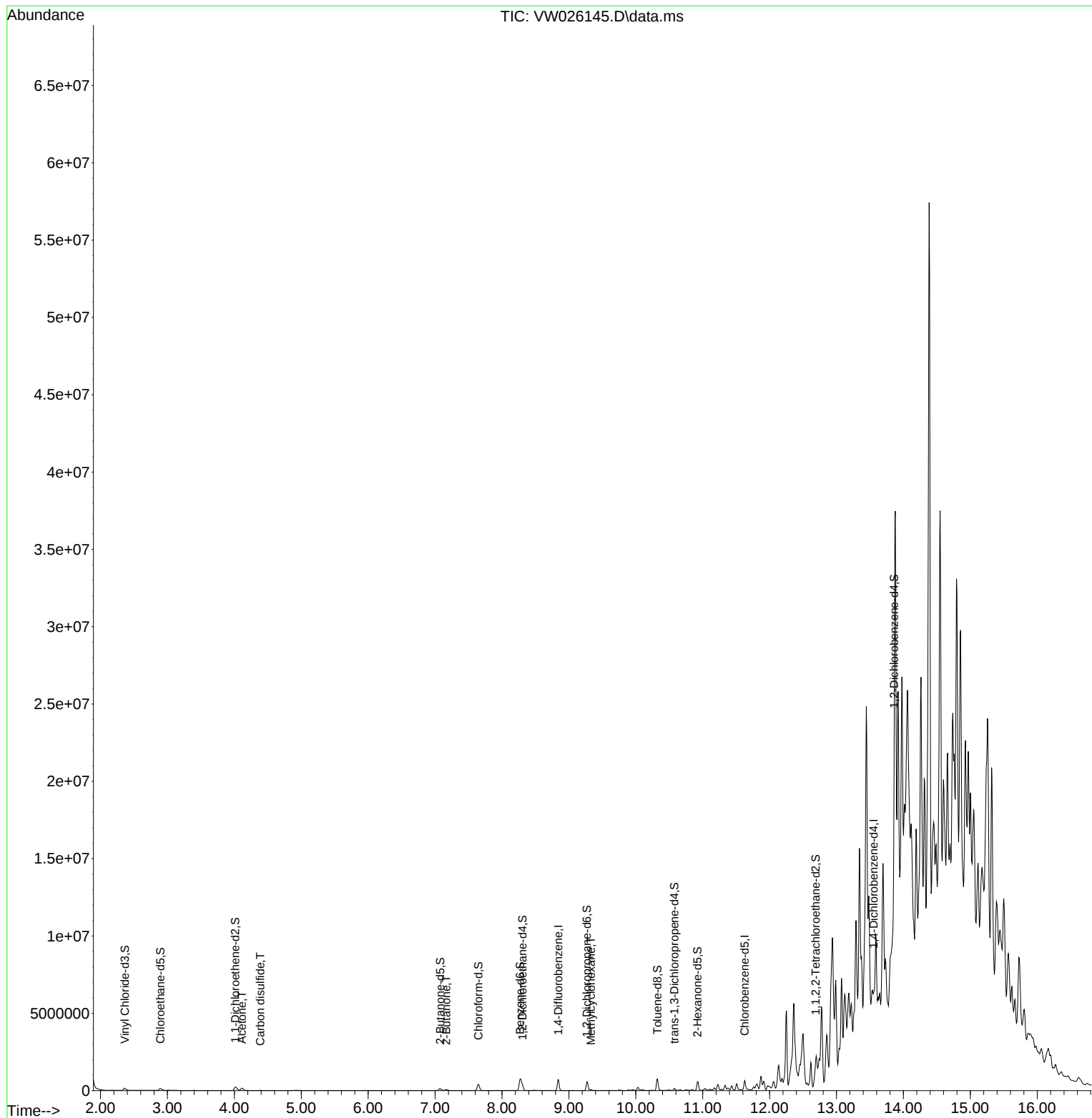
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060823\  
Data File : VW026145.D  
Acq On : 08 Jun 2023 20:42  
Operator : SY/MD  
Sample : 03101-10  
Misc : 5.81g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

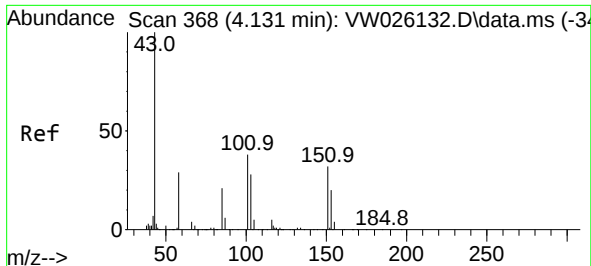
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZEM6

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2023  
Supervised By :Mahesh Dadoda 06/09/2023

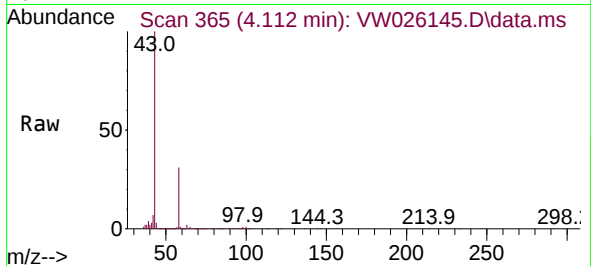
Quant Time: Jun 09 01:38:24 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jun 09 01:33:49 2023  
Response via : Initial Calibration





#13  
Acetone  
Concen: 146.153 ug/L  
RT: 4.112 min Scan# 30  
Delta R.T. -0.018 min  
Lab File: VW026145.D  
Acq: 08 Jun 2023 20:42

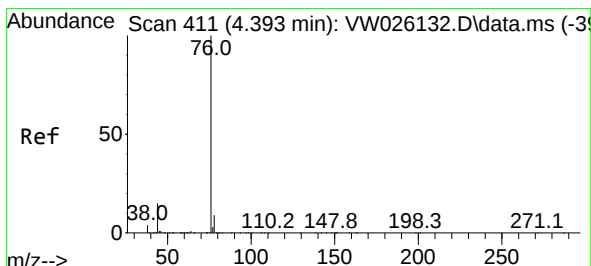
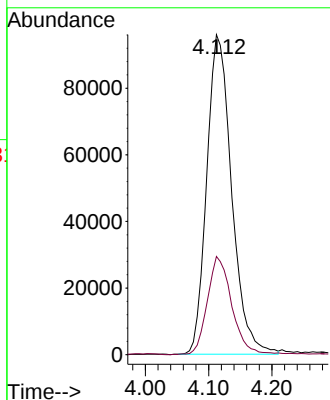
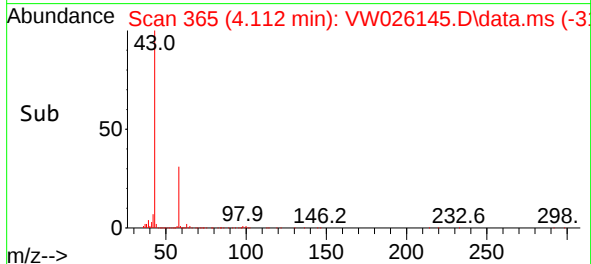
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZEM6



Tgt Ion: 43 Resp: 26300  
Ion Ratio Lower Upper  
43 100  
58 29.4 0.0 58.2

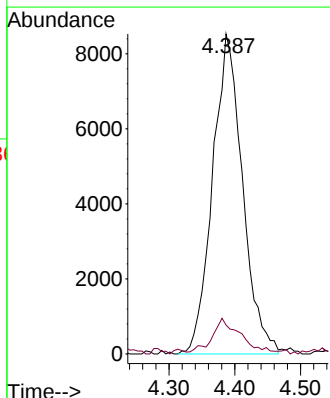
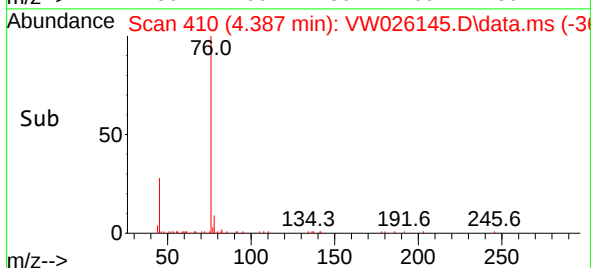
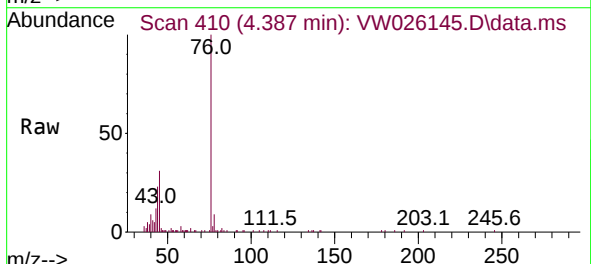
Manual Integrations  
APPROVED

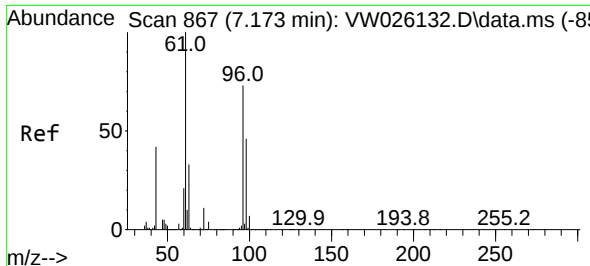
Reviewed By :Semsettin Yesilyurt 06/09/2023  
Supervised By :Mahesh Dadoda 06/09/2023



#14  
Carbon disulfide  
Concen: 1.058 ug/L  
RT: 4.387 min Scan# 410  
Delta R.T. -0.006 min  
Lab File: VW026145.D  
Acq: 08 Jun 2023 20:42

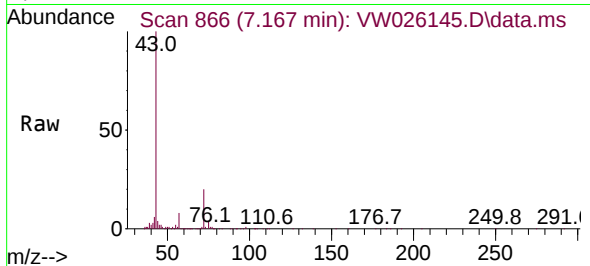
Tgt Ion: 76 Resp: 27005  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8





#22  
2-Butanone  
Concen: 46.094 ug/L m  
RT: 7.167 min Scan# 866  
Delta R.T. -0.006 min  
Lab File: VW026145.D  
Acq: 08 Jun 2023 20:42

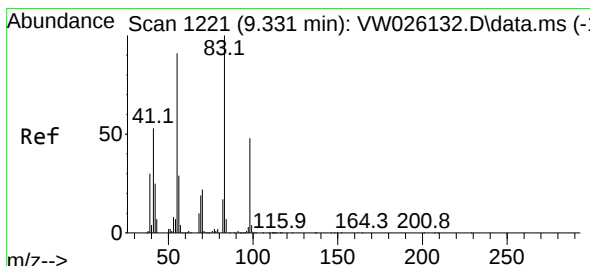
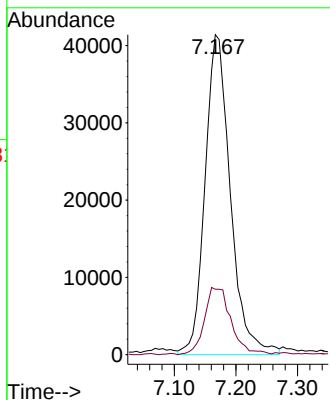
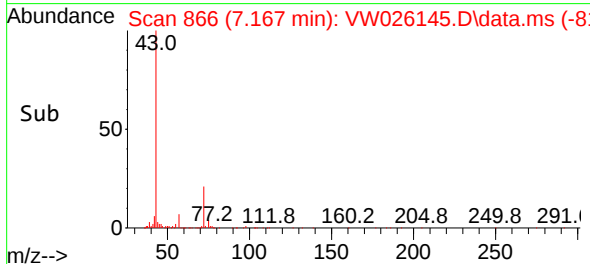
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZEM6



Tgt Ion: 43 Resp: 11832  
Ion Ratio Lower Upper  
43 100  
72 0.1 12.4 37.4

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2023  
Supervised By :Mahesh Dadoda 06/09/2023



#35  
Methylcyclohexane  
Concen: 1.509 ug/L  
RT: 9.331 min Scan# 1221  
Delta R.T. 0.000 min  
Lab File: VW026145.D  
Acq: 08 Jun 2023 20:42

Tgt Ion: 83 Resp: 14675  
Ion Ratio Lower Upper  
83 100  
55 111.3 68.2 102.4  
98 47.5 38.1 57.1

