

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082922\  
 Data File : VW024438.D  
 Acq On : 29 Aug 2022 11:10  
 Operator : SY/VA  
 Sample : N4346-07  
 Misc : 6.21g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

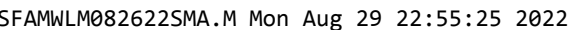
Instrument :  
 MSVOA\_W  
 ClientSampleId :

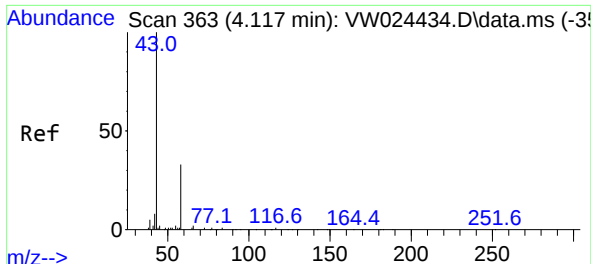
Quant Time: Aug 29 22:55:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Aug 29 22:53:57 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114            | 479642   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117            | 421111   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152            | 190230   | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65             | 206647   | 15.629 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 62.520% |          |
| 7) Chloroethane-d5            | 2.873  | 69             | 160576   | 16.209 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 64.840% |          |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63             | 169449   | 14.777 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 59.120% |          |
| 21) 2-Butanone-d5             | 7.238  | 46             | 302      | 0.124  | ug/L    | 0.16     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 0.240%# |          |
| 24) Chloroform-d              | 7.647  | 84             | 272082   | 17.645 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 70.560% |          |
| 26) 1,2-Dichloroethane-d4     | 8.567  | 65             | 134      | 0.014  | ug/L    | 0.26     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 0.040%# |          |
| 32) Benzene-d6                | 8.269  | 84             | 455994   | 18.899 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 75.600% |          |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67             | 156461   | 20.851 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 83.400% |          |
| 41) Toluene-d8                | 10.323 | 98             | 372993   | 16.259 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 65.040% |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 46996    | 13.384 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 53.520% |          |
| 47) 2-Hexanone-d5             | 10.921 | 63             | 34822    | 20.738 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 41.480% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84             | 127305   | 14.985 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 59.960% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 136930   | 19.115 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 76.440% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 13) Acetone                   | 4.123  | 43             | 6191     | 4.260  | ug/L    | 99       |
| 45) 1,1,2-Trichloroethane     | 10.860 | 97             | 3700     | 0.671  | ug/L #  | 1        |
| 46) Tetrachloroethene         | 10.853 | 164            | 298681   | 55.654 | ug/L    | 97       |
| -----                         |        |                |          |        |         |          |

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

Quant Time: Aug 29 22:55:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon Aug 29 22:53:57 2022  
Response via : Initial Calibration

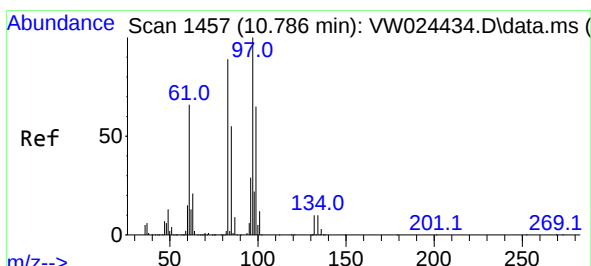
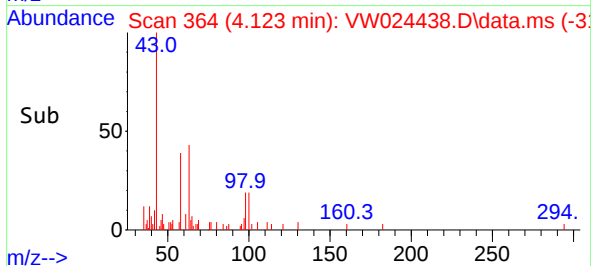
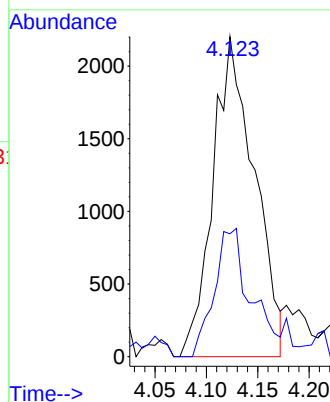
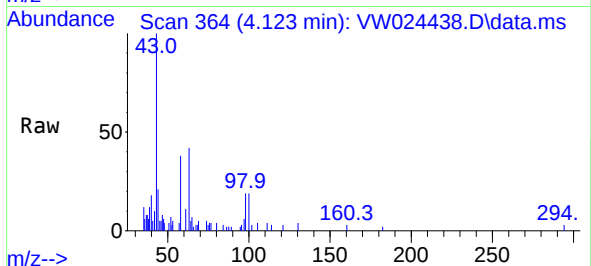




#13  
Acetone  
Concen: 4.260 ug/L  
RT: 4.123 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW024438.D  
Acq: 29 Aug 2022 11:10

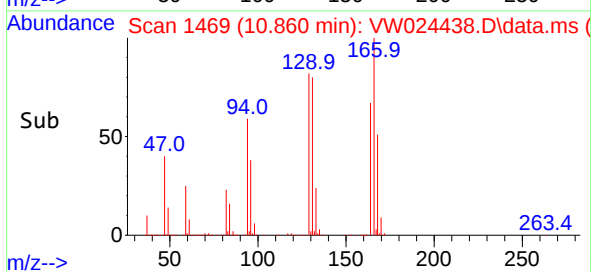
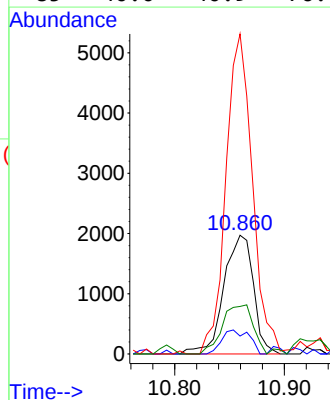
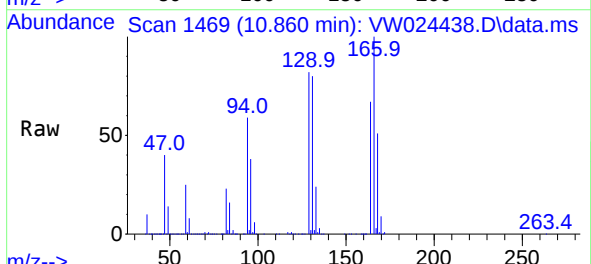
Instrument :  
MSVOA\_W  
ClientSampleId :

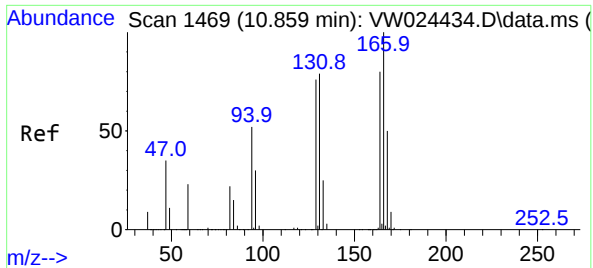
Tgt Ion: 43 Resp: 6191  
Ion Ratio Lower Upper  
43 100  
58 29.8 0.0 58.4



#45  
1,1,2-Trichloroethane  
Concen: 0.671 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. 0.073 min  
Lab File: VW024438.D  
Acq: 29 Aug 2022 11:10

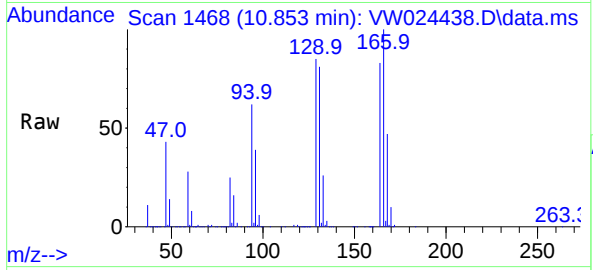
Tgt Ion: 97 Resp: 3700  
Ion Ratio Lower Upper  
97 100  
99 15.1 40.4 75.0#  
83 269.4 60.1 111.5#  
85 40.0 40.9 76.0#





#46  
 Tetrachloroethene  
 Concen: 55.654 ug/L  
 RT: 10.853 min Scan# 14  
 Delta R.T. -0.006 min  
 Lab File: VW024438.D  
 Acq: 29 Aug 2022 11:10

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion:164 Resp: 298681

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 102.7 | 72.9  | 135.3 |
| 131 | 97.7  | 63.7  | 118.3 |
| 166 | 120.2 | 86.2  | 160.0 |

