

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
 Data File : VW024402.D  
 Acq On : 27 Aug 2022 15:43  
 Operator : SY/VA  
 Sample : N4345-21  
 Misc : 6.27g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 29 01:48:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Aug 29 01:46:03 2022  
 Response via : Initial Calibration

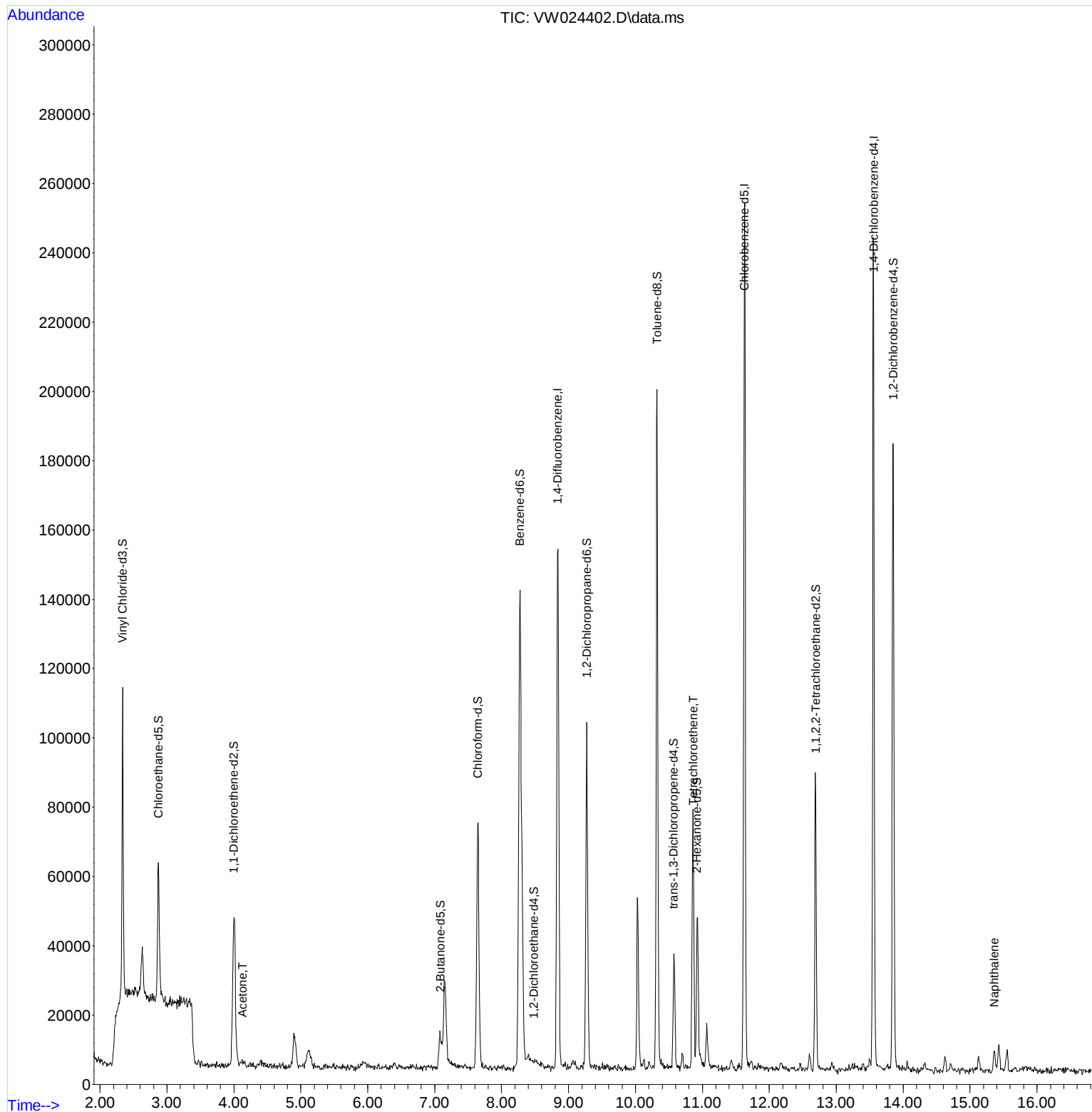
| Compound                      | R.T.     | QIon  | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|---------|----------|
| -----                         |          |       |          |        |         |          |
| Internal Standards            |          |       |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 115494   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 121209   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560   | 152   | 54704    | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.337    | 65    | 78885    | 24.778 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 99.120% |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 42418    | 17.782 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 71.120% |          |
| 11) 1,1-Dichloroethene-d2     | 4.001    | 63    | 41298    | 14.957 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 59.840% |          |
| 21) 2-Butanone-d5             | 7.086    | 46    | 16493    | 28.126 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 56.260% |          |
| 24) Chloroform-d              | 7.647    | 84    | 66107    | 17.804 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 71.200% |          |
| 26) 1,2-Dichloroethane-d4     | 8.482    | 65    | 80       | 0.036  | ug/L    | 0.18     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 0.160%# |          |
| 32) Benzene-d6                | 8.275    | 84    | 126460   | 18.210 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 72.840% |          |
| 36) 1,2-Dichloropropane-d6    | 9.275    | 67    | 40032    | 18.535 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 74.160% |          |
| 41) Toluene-d8                | 10.323   | 98    | 121100   | 18.340 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 73.360% |          |
| 43) trans-1,3-Dichloroprop... | 10.573   | 79    | 15828    | 15.660 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 62.640% |          |
| 47) 2-Hexanone-d5             | 10.921   | 63    | 13634    | 28.209 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 56.420% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695   | 84    | 37814    | 15.464 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 61.840% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 41841    | 20.311 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 81.240% |          |
| Target Compounds              |          |       |          |        |         |          |
|                               |          |       |          |        | Qvalue  |          |
| 13) Acetone                   | 4.129    | 43    | 2647     | 7.564  | ug/L    | 75       |
| 46) Tetrachloroethene         | 10.866   | 164   | 13146    | 8.510  | ug/L    | 95       |
| 71) Naphthalene               | 15.365   | 128   | 4311     | 1.126  | ug/L #  | 87       |
| -----                         |          |       |          |        |         |          |

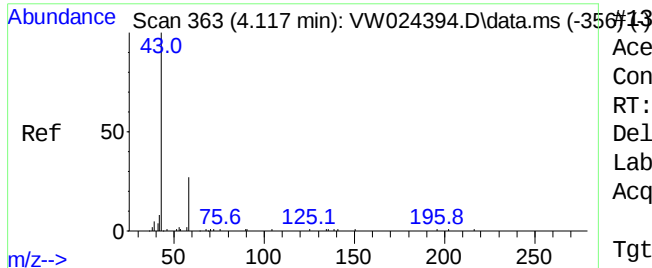
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acetone

Concen: 7.564 ug/L

RT: 4.129 min Scan#

Delta R.T. 0.012 min

Lab File: VW024402.D

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Instrument :

MSVOA\_W

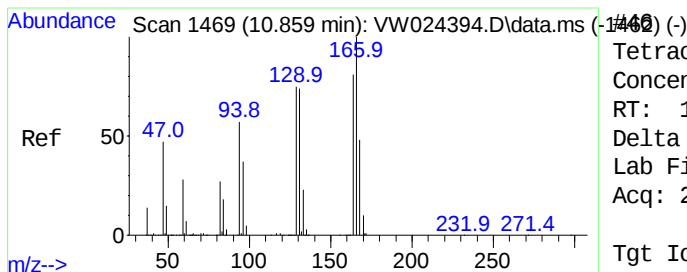
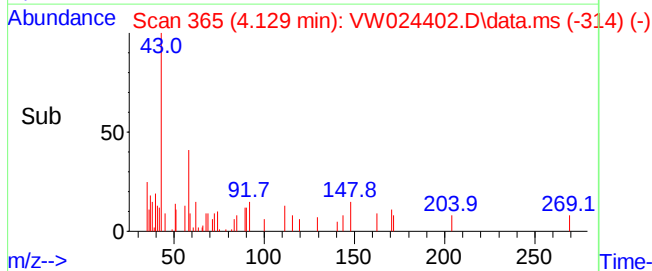
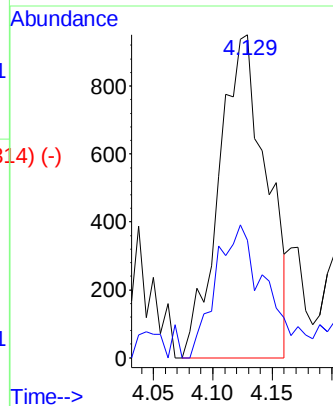
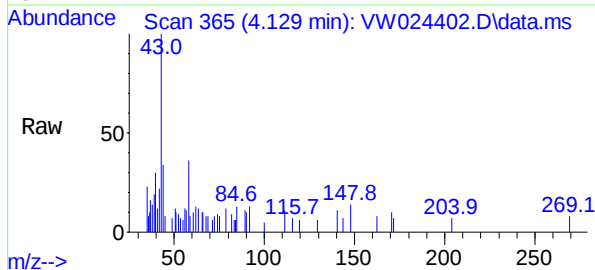
ClientSampleId :

Tgt Ion: 43 Resp: 2647

Ion Ratio Lower Upper

43 100

58 15.9 0.0 58.4



Tetrachloroethene

Concen: 8.510 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW024402.D

Acq: 27 Aug 2022 15:43

Tgt Ion: 164 Resp: 13146

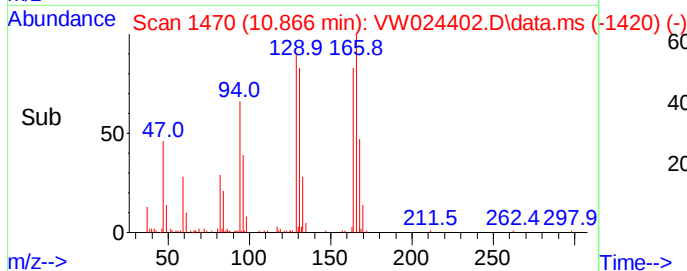
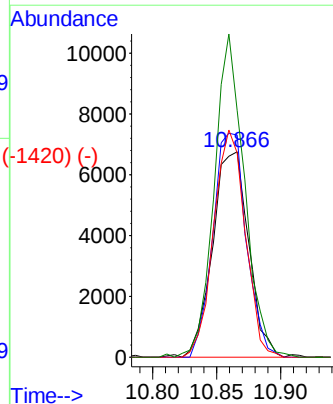
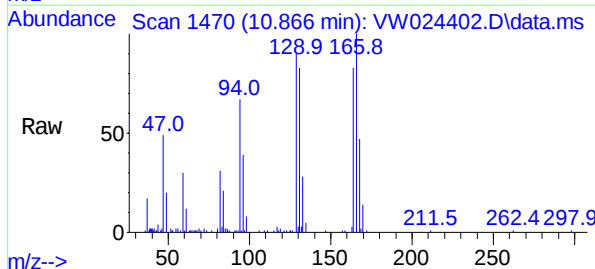
Ion Ratio Lower Upper

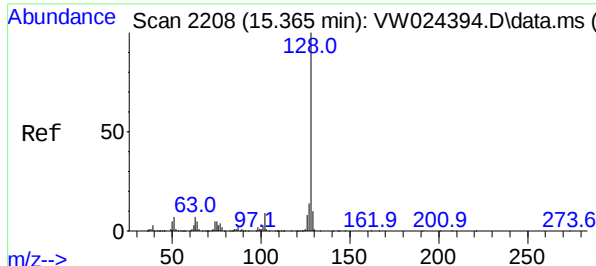
164 100

129 108.1 72.9 135.3

131 99.4 63.7 118.3

166 119.9 86.2 160.0





Naphthalene  
 Concen: 1.126 ug/L  
 RT: 15.365 min Scan# 2108  
 Delta R.T. 0.000 min  
 Lab File: VW024402.D  
 Acq: 27 Aug 2022 15:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4311  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 21.7  | 10.5  | 15.7# |
| 129      | 11.3  | 8.3   | 12.5  |

