

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101521\  
 Data File : VW020529.D  
 Acq On : 15 Oct 2021 13:22  
 Operator : SY/VA  
 Sample : M4205-18RE  
 Misc : 2.99g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 16 06:56:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 16 06:56:08 2021  
 Response via : Initial Calibration

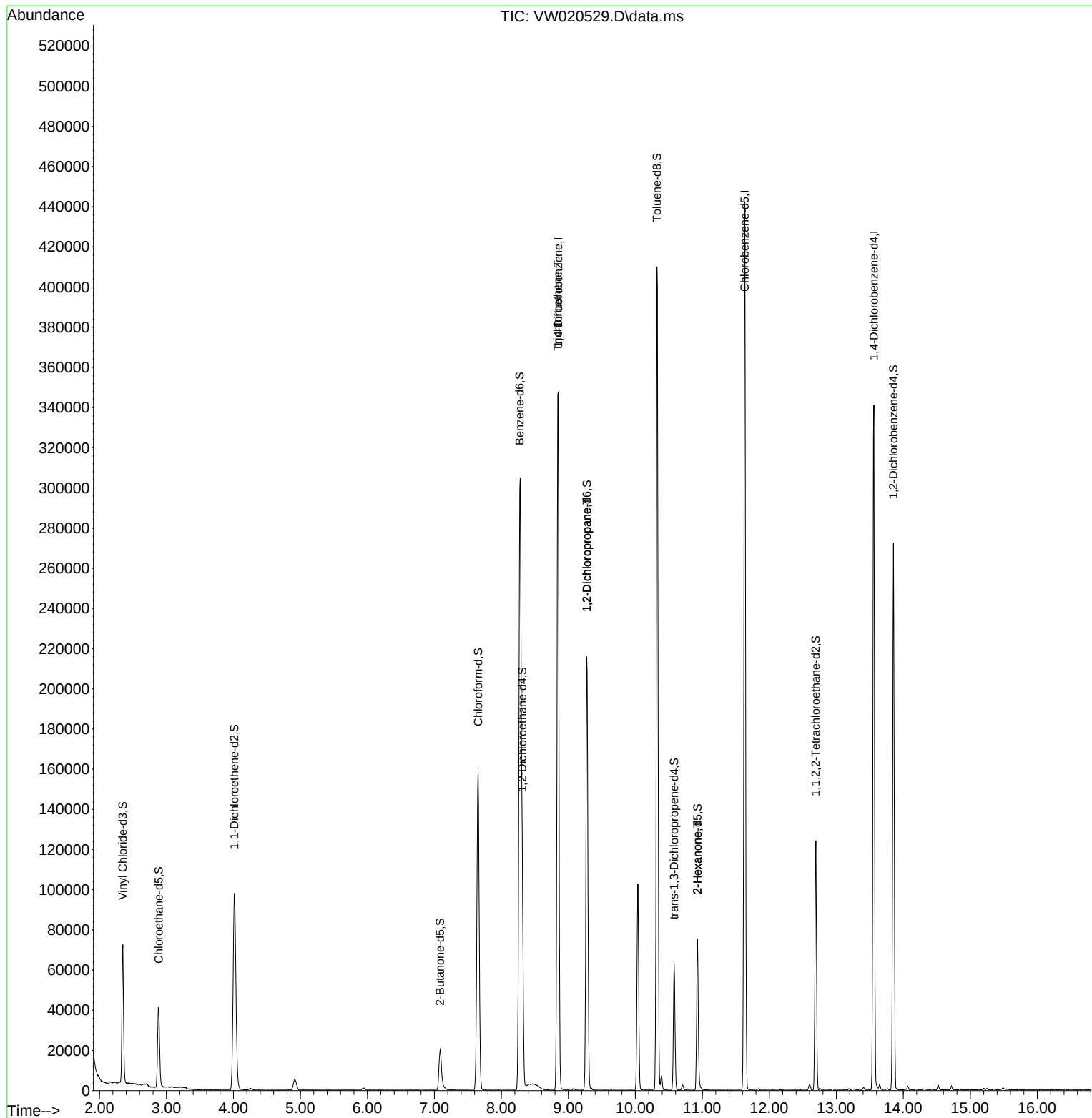
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.847  | 114   | 266522   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.633 | 117   | 220538   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 83522    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 67052    | 17.290   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.160%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 42743    | 20.865   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.440%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 103603   | 13.037   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 52.160%  |
| 21) 2-Butanone-d5             | 7.085  | 46    | 35530    | 30.104   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 60.200%  |
| 24) Chloroform-d              | 7.652  | 84    | 154503   | 18.186   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 72.760%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 84194    | 17.352   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 69.400%# |
| 32) Benzene-d6                | 8.274  | 84    | 297163   | 20.485   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 81.920%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 96838    | 20.482   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 81.920%  |
| 41) Toluene-d8                | 10.323 | 98    | 257491   | 19.782   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 79.120%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 32707    | 17.024   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 68.080%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 23099    | 31.759   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 63.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 60543    | 16.941   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 67.760%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 62361    | 19.087   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 76.360%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 34) Trichloroethene           | 8.841  | 95    | 8572     | 2.215    | ug/L # | 8        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 11536    | 2.836    | ug/L # | 87       |
| 48) 2-Hexanone                | 10.926 | 43    | 4181     | 2.334    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

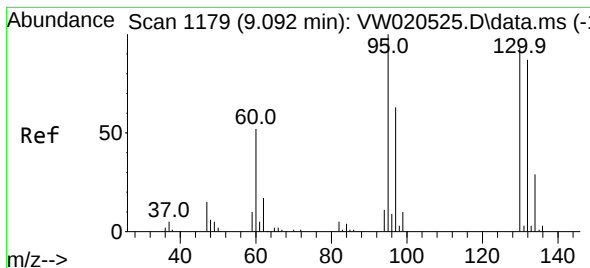
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 2.215 ug/L

RT: 8.841 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW020529.D

Acq: 15 Oct 2021 13:22

Tgt Ion: 95 Resp: 8572

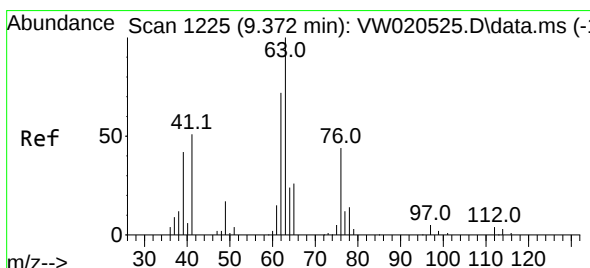
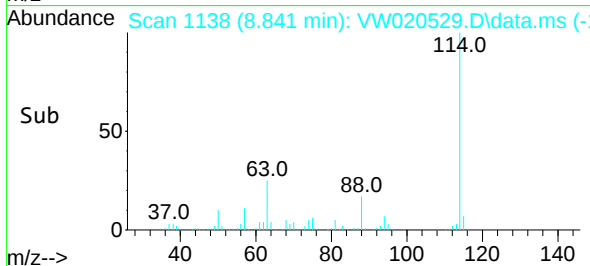
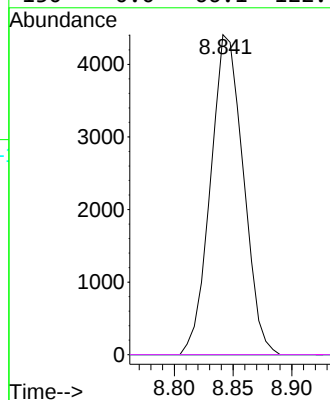
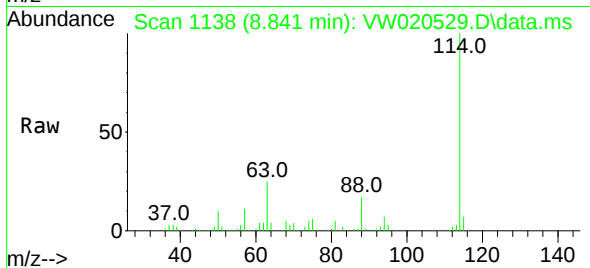
Ion Ratio Lower Upper

95 100

97 0.0 43.2 80.2#

132 0.0 62.3 115.7#

130 0.0 66.1 122.7#



#37

1,2-Dichloropropane

Concen: 2.836 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.098 min

Lab File: VW020529.D

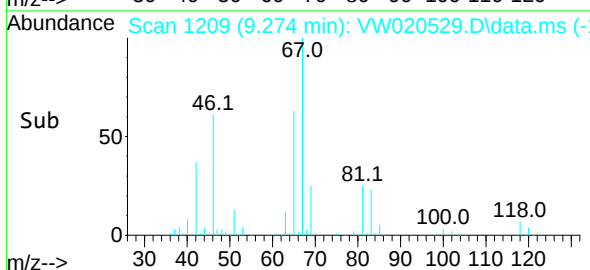
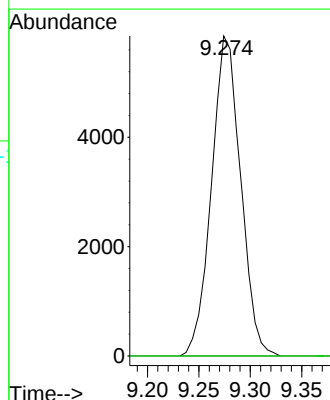
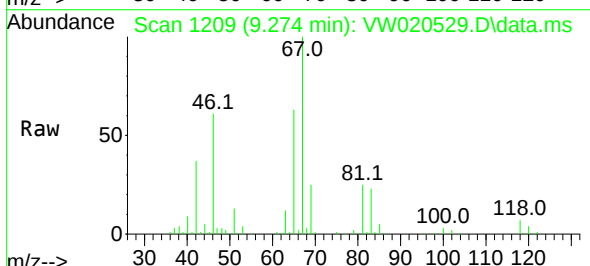
Acq: 15 Oct 2021 13:22

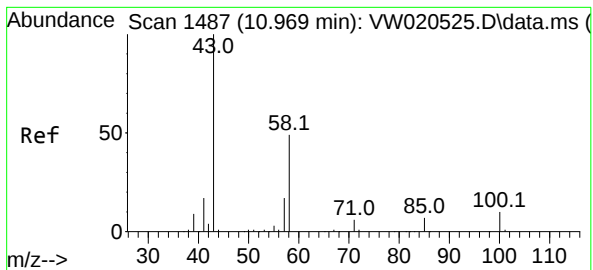
Tgt Ion: 63 Resp: 11536

Ion Ratio Lower Upper

63 100

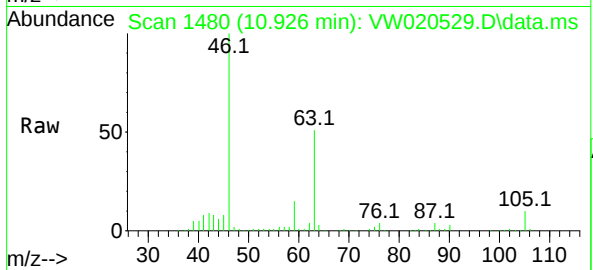
112 0.0 3.5 5.3#





#48  
 2-Hexanone  
 Concen: 2.334 ug/L  
 RT: 10.926 min Scan# 1480  
 Delta R.T. -0.043 min  
 Lab File: VW020529.D  
 Acq: 15 Oct 2021 13:22

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 4181      |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 21.0 39.5 59.3# |
| 57          | 25.7 14.2 21.4# |
| 100         | 2.1 8.2 12.4#   |

