

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062024\  
 Data File : VW029279.D  
 Acq On : 21 Jun 2024 00:31  
 Operator : SY/MD  
 Sample : P2964-05  
 Misc : 5.55g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 21 04:51:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 21 02:43:08 2024  
 Response via : Initial Calibration

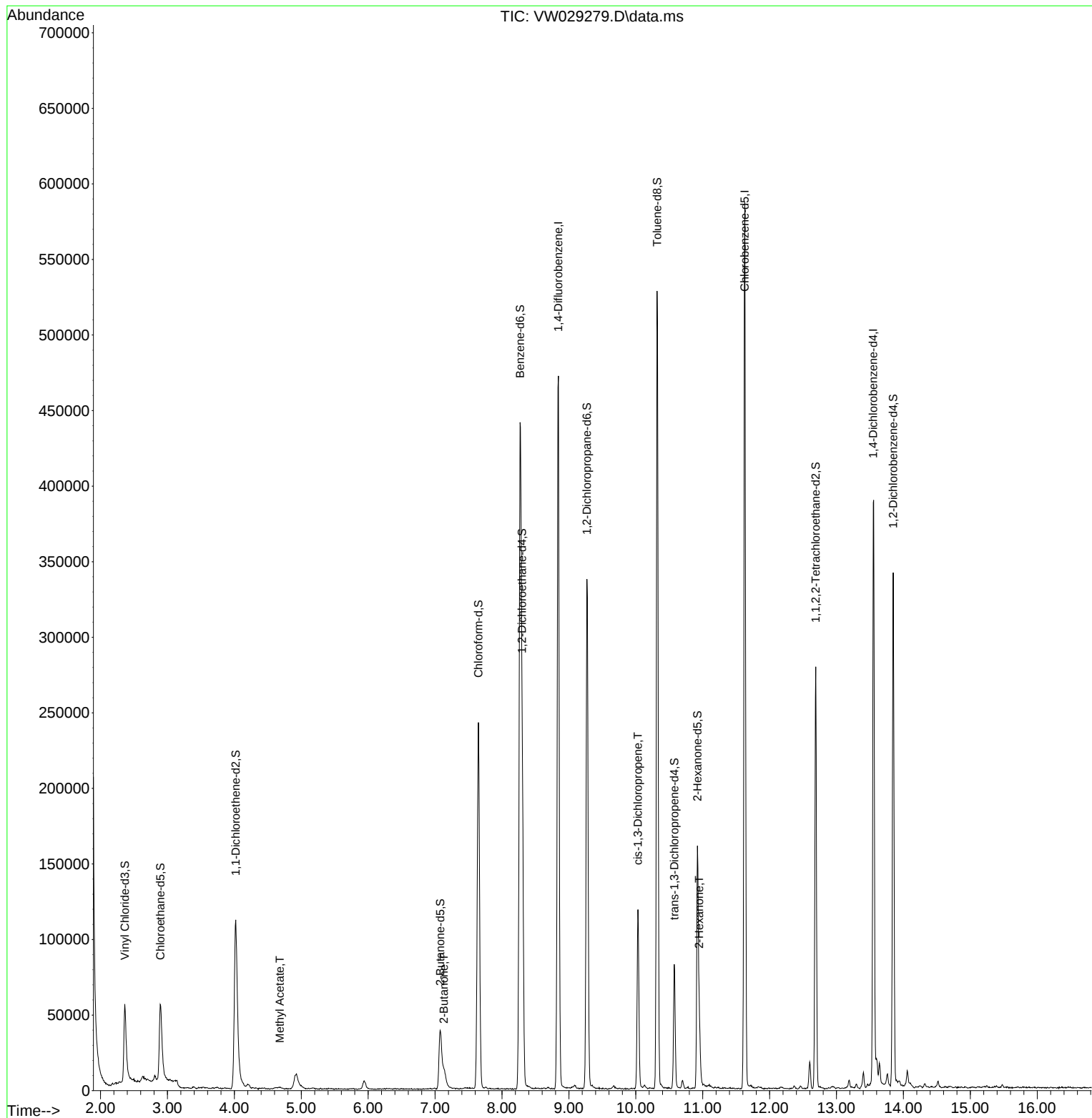
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 370685   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 301274   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.550 | 152   | 96952    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 83931    | 16.359   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.440%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 82633    | 19.072   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 76.280%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 44916    | 18.131   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 72.520%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 64690    | 42.143   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 84.280%  |
| 24) Chloroform-d              | 7.648  | 84    | 239064   | 21.620   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 86.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65    | 152240   | 23.979   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 95.920%  |
| 32) Benzene-d6                | 8.270  | 84    | 440027   | 24.046   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.200%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 151949   | 26.122   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 104.480% |
| 41) Toluene-d8                | 10.319 | 98    | 338313   | 20.896   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 83.600%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 43296    | 18.470   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 73.880%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 47594    | 52.193   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 104.380% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 135160   | 29.194   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 116.760% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 79243    | 23.547   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 94.200%  |
| Target Compounds              |        |       |          |          |        |          |
| 15) Methyl Acetate            | 4.679  | 43    | 941      | 0.363    | ug/L # | 47       |
| 22) 2-Butanone                | 7.130  | 43    | 16177    | 9.046    | ug/L # | 52       |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 3297     | 0.459    | ug/L # | 61       |
| 48) 2-Hexanone                | 10.946 | 43    | 30122    | 13.465   | ug/L # | 41       |

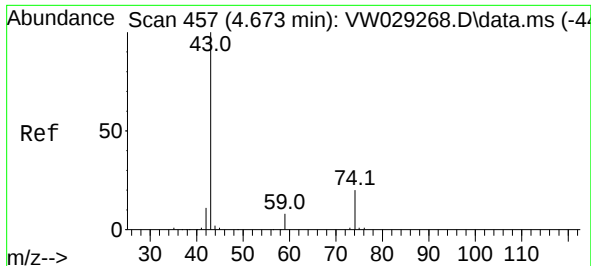
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.363 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW029279.D

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Instrument :

MSVOA\_W

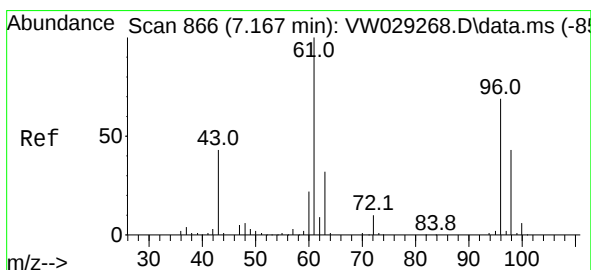
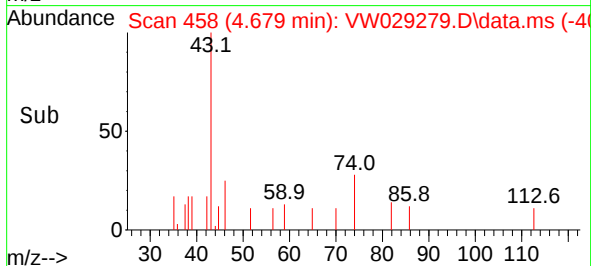
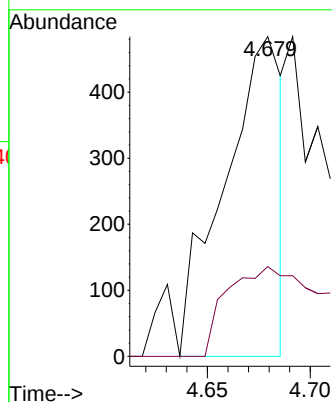
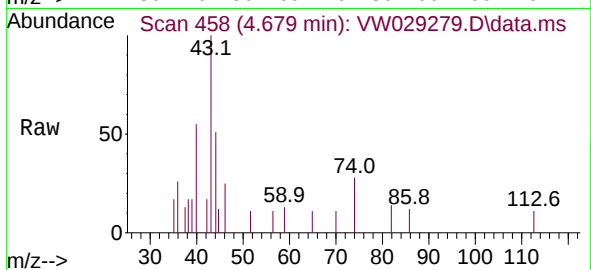
ClientSampleId :

Tgt Ion: 43 Resp: 941

Ion Ratio Lower Upper

43 100

74 45.7 16.6 25.0#



#22

2-Butanone

Concen: 9.046 ug/L

RT: 7.130 min Scan# 860

Delta R.T. -0.037 min

Lab File: VW029279.D

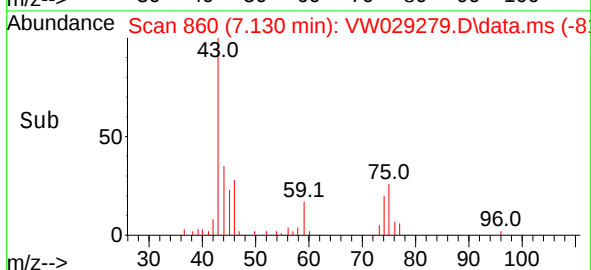
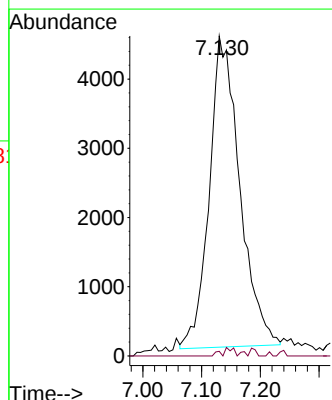
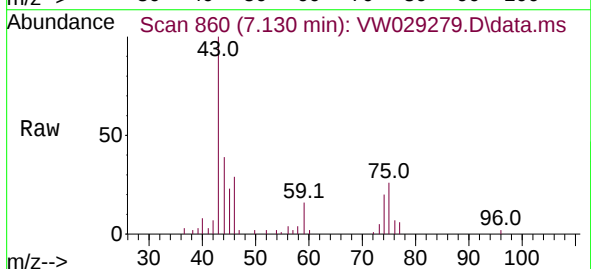
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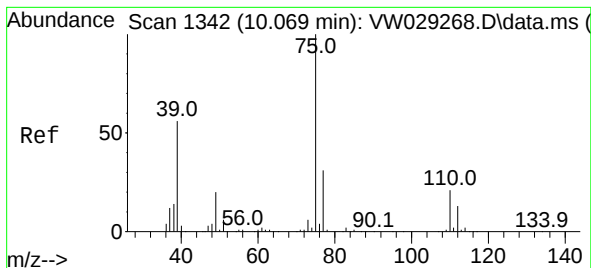
Tgt Ion: 43 Resp: 16177

Ion Ratio Lower Upper

43 100

72 0.3 11.9 35.7#





#39

cis-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 10.032 min Scan# 1486

Delta R.T. -0.037 min

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Instrument :

MSVOA\_W

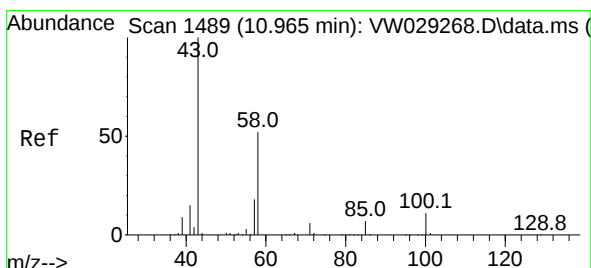
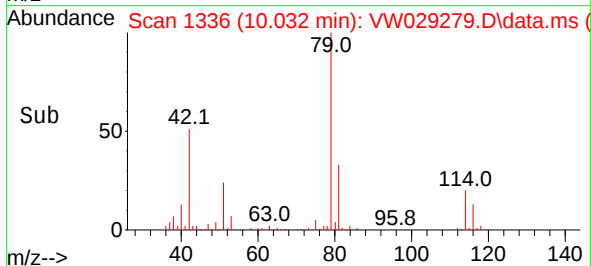
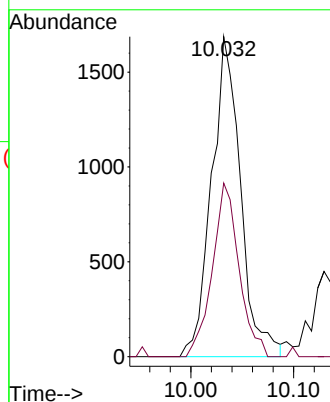
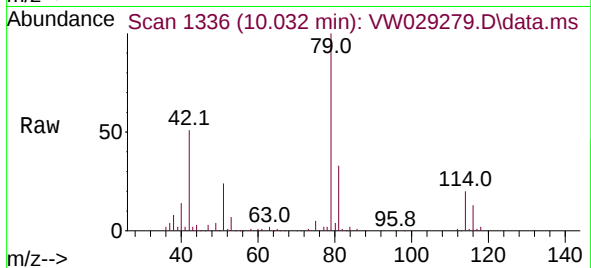
ClientSampleId :

Tgt Ion: 75 Resp: 3297

Ion Ratio Lower Upper

75 100

77 54.2 22.7 42.1#



#48

2-Hexanone

Concen: 13.465 ug/L

RT: 10.946 min Scan# 1486

Delta R.T. -0.018 min

Lab File: VW029279.D

Acq: 21 Jun 2024 00:31

Tgt Ion: 43 Resp: 30122

Ion Ratio Lower Upper

43 100

58 0.0 39.6 59.4#

57 0.0 14.6 21.8#

100 0.4 8.2 12.2#

