

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062321\  
 Data File : VW019289.D  
 Acq On : 23 Jun 2021 14:18  
 Operator : SY/VA  
 Sample : M2808-08  
 Misc : 6.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 24 01:13:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jun 24 01:10:00 2021  
 Response via : Initial Calibration

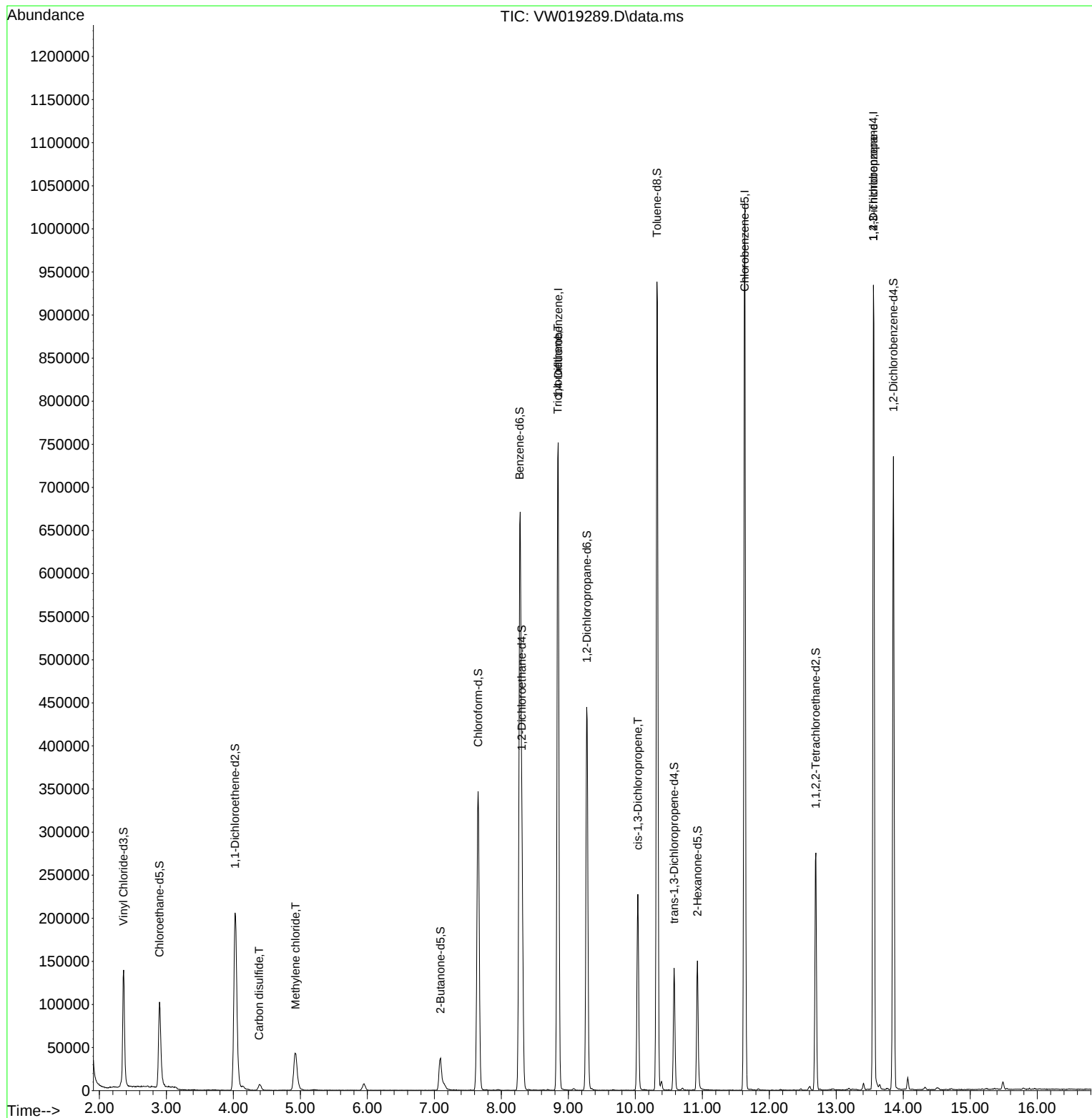
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.848          | 114  | 621062     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 547138     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 232854     | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 159058     | 19.368  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 77.480% |        |          |
| 7) Chloroethane-d5            | 2.898          | 69   | 136842     | 19.564  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 78.240% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63   | 237723     | 14.569  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 58.280% |        |          |
| 21) 2-Butanone-d5             | 7.092          | 46   | 64421      | 29.946  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 59.900% |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 351413     | 21.046  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 84.200% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 181472     | 19.376  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 77.520% |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 696212     | 22.334  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 89.320% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 209491     | 22.168  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 88.680% |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 617021     | 21.553  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 86.200% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 76333      | 18.650  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 74.600% |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 50568      | 31.555  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 63.120% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 135110     | 17.332  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 69.320% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 182950     | 22.510  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 90.040% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 14) Carbon disulfide          | 4.385          | 76   | 15899      | 0.571   | ug/L   | 98       |
| 16) Methylene chloride        | 4.928          | 84   | 39467      | 3.425   | ug/L   | 94       |
| 34) Trichloroethene           | 8.842          | 95   | 18718      | 1.995   | ug/L # | 5        |
| 39) cis-1,3-Dichloropropene   | 10.037         | 75   | 5762       | 0.421   | ug/L # | 63       |
| 61) 1,2,3-Trichloropropane    | 13.554         | 75   | 30506      | 5.856   | ug/L # | 64       |
| -----                         |                |      |            |         |        |          |

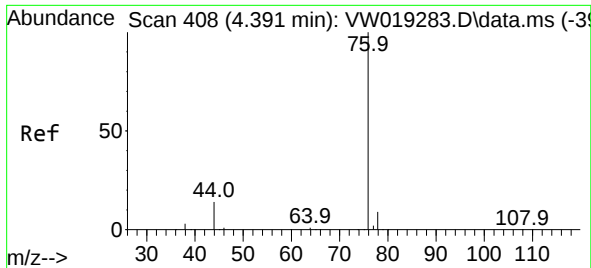
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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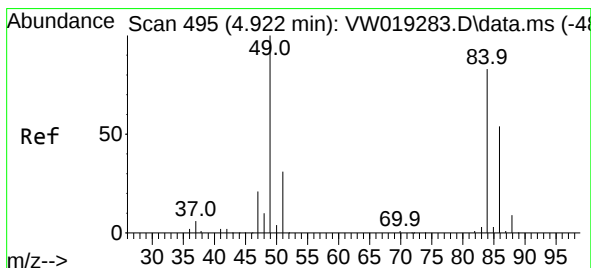
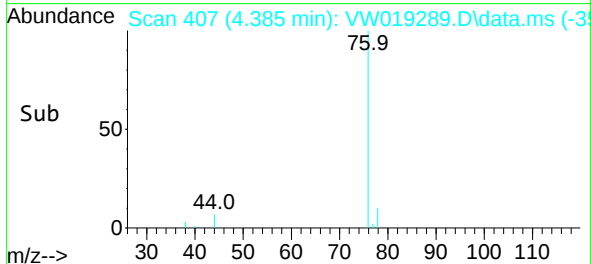
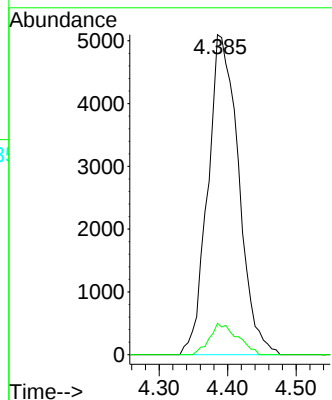
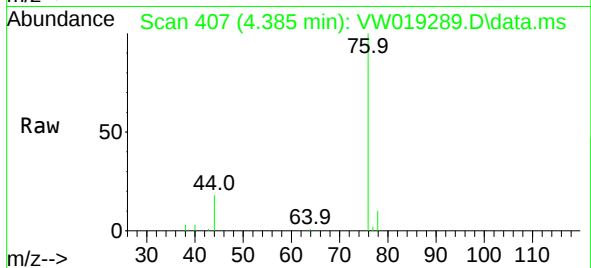




#14  
Carbon disulfide  
Concen: 0.571 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: VW019289.D  
Acq: 23 Jun 2021 14:18

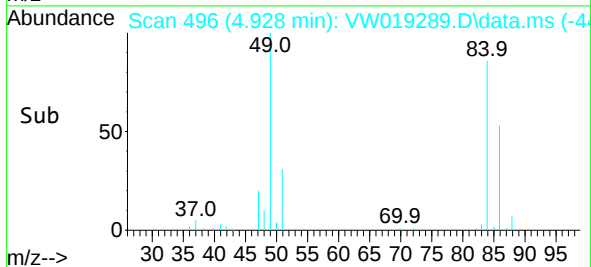
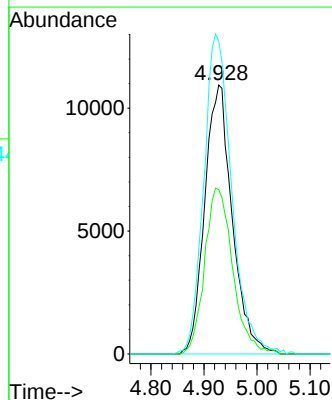
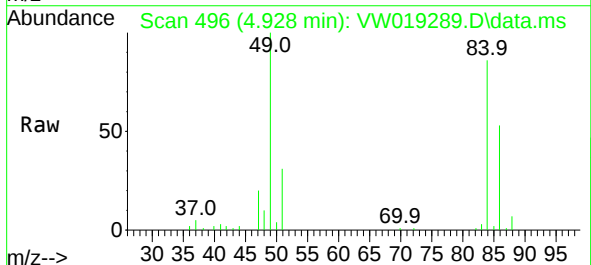
Instrument :  
MSVOA\_W  
ClientSampled :

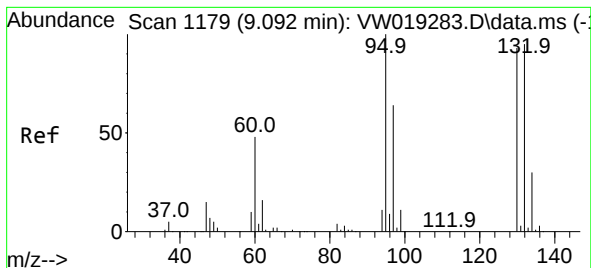
Tgt Ion: 76 Resp: 15899  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.4 11.0



#16  
Methylene chloride  
Concen: 3.425 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW019289.D  
Acq: 23 Jun 2021 14:18

Tgt Ion: 84 Resp: 39467  
Ion Ratio Lower Upper  
84 100  
86 61.1 45.3 84.1  
49 116.3 86.6 160.8





#34

Trichloroethene

Concen: 1.995 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW019289.D

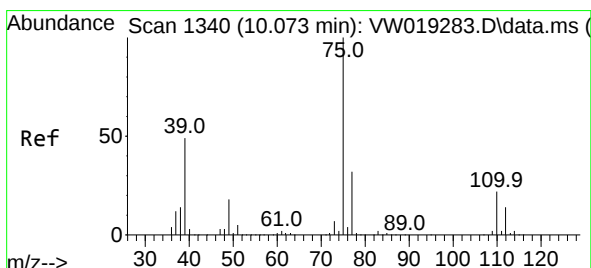
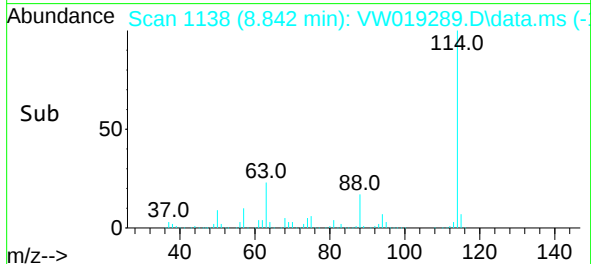
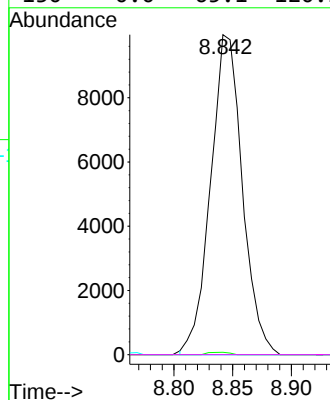
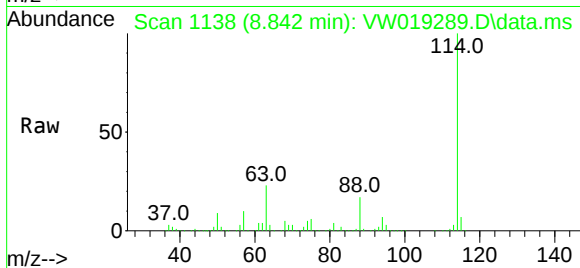
Acq: 23 Jun 2021 14:18

Instrument :

MSVOA\_W

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 18718  |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.7   | 47.3  | 87.8#  |
| 132      | 0.0   | 71.0  | 131.8# |
| 130      | 0.0   | 65.1  | 120.9# |



#39

cis-1,3-Dichloropropene

Concen: 0.421 ug/L

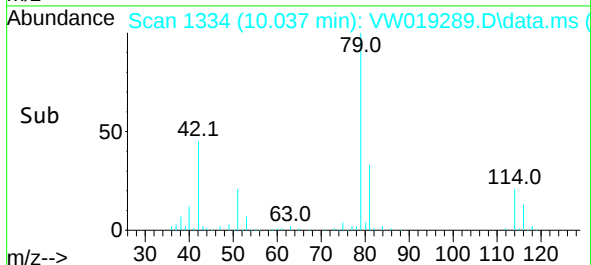
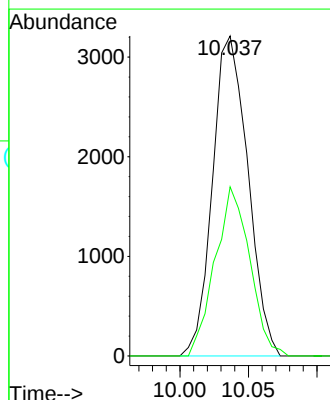
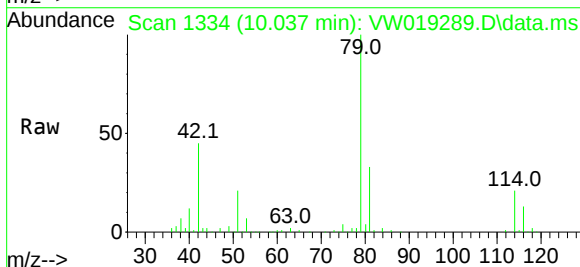
RT: 10.037 min Scan# 1334

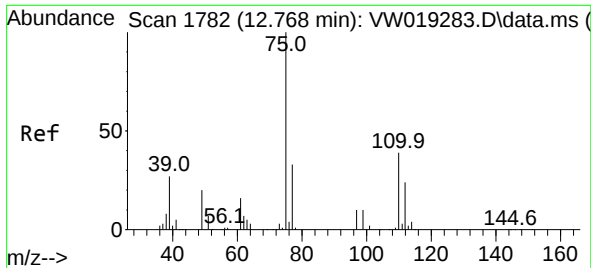
Delta R.T. -0.037 min

Lab File: VW019289.D

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5762  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 52.8  | 22.6  | 42.0# |





#61  
 1,2,3-Trichloropropane  
 Concen: 5.856 ug/L  
 RT: 13.554 min Scan# 1911  
 Delta R.T. 0.786 min  
 Lab File: VW019289.D  
 Acq: 23 Jun 2021 14:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 75 Resp: 30506  
 Ion Ratio Lower Upper  
 75 100  
 77 33.6 25.3 37.9  
 110 2.9 32.6 48.8#

