

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062921\  
 Data File : VW019350.D  
 Acq On : 29 Jun 2021 10:33  
 Operator : SY/VA  
 Sample : M2854-16  
 Misc : 5.02G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 30 01:20:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 30 01:19:19 2021  
 Response via : Initial Calibration

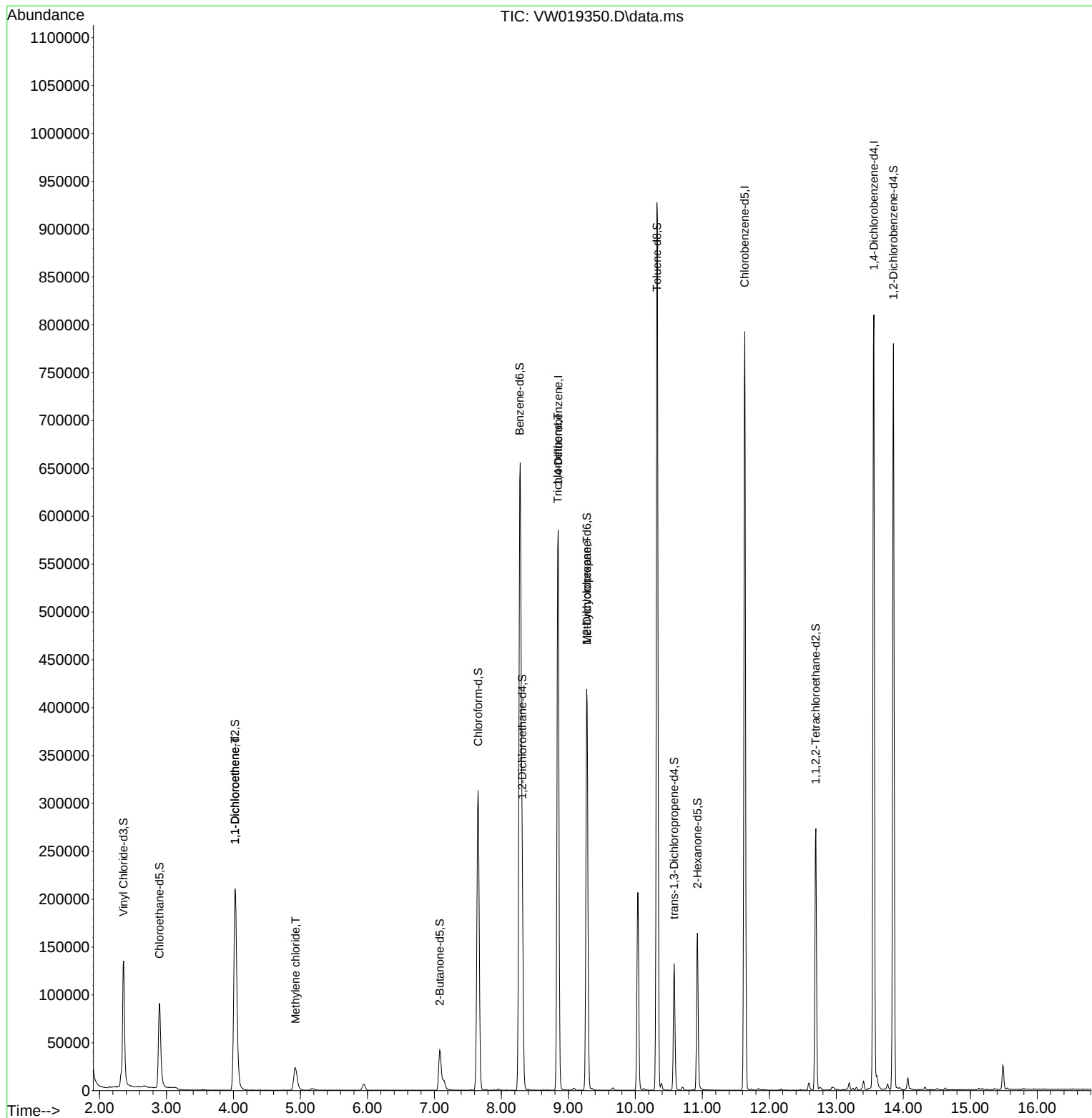
| Compound                      | R.T. QIon      |     | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------------|-----|----------|--------|----------|----------|
| -----                         |                |     |          |        |          |          |
| Internal Standards            |                |     |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.848          | 114 | 493986   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117 | 448210   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152 | 210111   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |                |     |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65  | 164942   | 25.432 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |     | Recovery | =      | 101.720% |          |
| 7) Chloroethane-d5            | 2.897          | 69  | 127735   | 25.335 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |     | Recovery | =      | 101.360% |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63  | 246987   | 18.636 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |     | Recovery | =      | 74.560%  |          |
| 21) 2-Butanone-d5             | 7.080          | 46  | 72453    | 44.980 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |     | Recovery | =      | 89.960%  |          |
| 24) Chloroform-d              | 7.653          | 84  | 327309   | 23.986 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |     | Recovery | =      | 95.960%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.311          | 65  | 169543   | 24.194 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |     | Recovery | =      | 96.760%  |          |
| 32) Benzene-d6                | 8.275          | 84  | 696956   | 25.372 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |     | Recovery | =      | 101.480% |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67  | 206974   | 24.720 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |     | Recovery | =      | 98.880%  |          |
| 41) Toluene-d8                | 10.323         | 98  | 619293   | 24.891 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |     | Recovery | =      | 99.560%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79  | 77211    | 23.420 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |     | Recovery | =      | 93.680%  |          |
| 47) 2-Hexanone-d5             | 10.927         | 63  | 57826    | 44.192 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |     | Recovery | =      | 88.380%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694         | 84  | 141015   | 22.830 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |     | Recovery | =      | 91.320%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152 | 196951   | 25.624 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |     | Recovery | =      | 102.480% |          |
| Target Compounds              |                |     |          |        |          |          |
| 12) 1,1-Dichloroethene        | 4.025          | 96  | 2051     | 0.310  | ug/L #   | 1        |
| 16) Methylene chloride        | 4.928          | 84  | 22119    | 2.561  | ug/L     | 93       |
| 34) Trichloroethene           | 8.842          | 95  | 14537    | 1.954  | ug/L #   | 5        |
| 35) Methylcyclohexane         | 9.274          | 83  | 49291    | 3.756  | ug/L #   | 20       |
| -----                         |                |     |          |        |          |          |

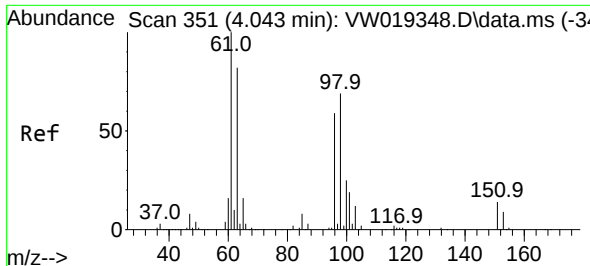
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
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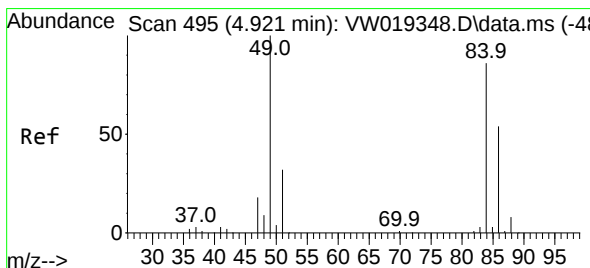
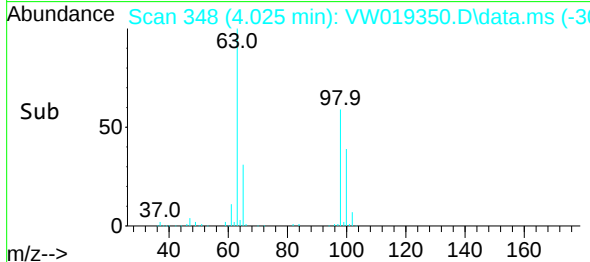
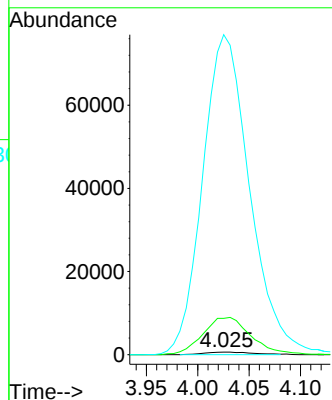
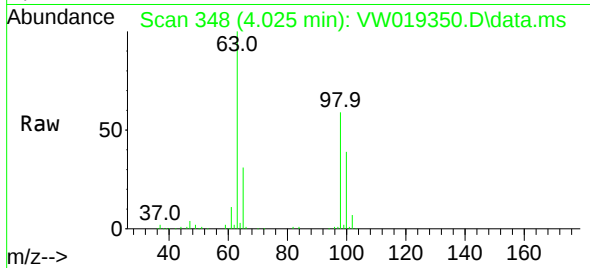




#12  
1,1-Dichloroethene  
Concen: 0.310 ug/L  
RT: 4.025 min Scan# 348  
Delta R.T. -0.018 min  
Lab File: VW019350.D  
Acq: 29 Jun 2021 10:33

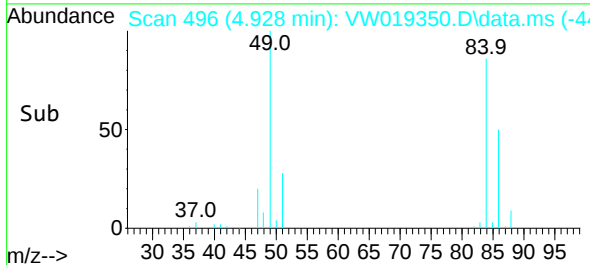
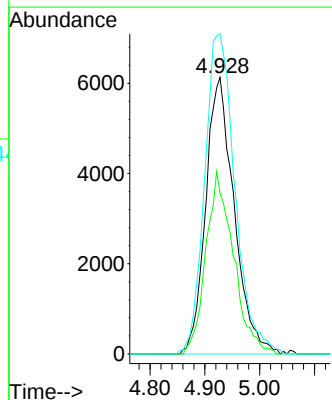
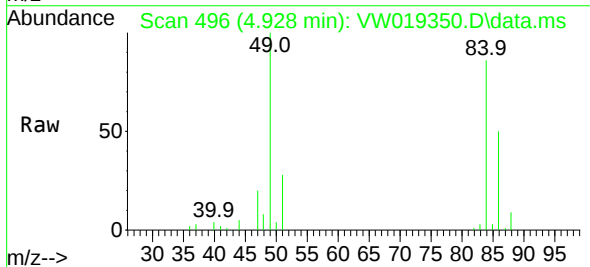
Instrument :  
MSVOA\_W  
ClientSampled :

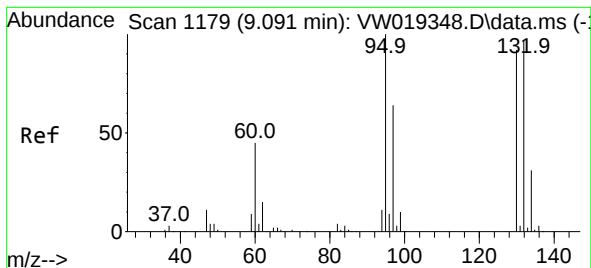
Tgt Ion: 96 Resp: 2051  
Ion Ratio Lower Upper  
96 100  
61 1414.1 118.1 219.3#  
63 12474.6 83.7 155.5#



#16  
Methylene chloride  
Concen: 2.561 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW019350.D  
Acq: 29 Jun 2021 10:33

Tgt Ion: 84 Resp: 22119  
Ion Ratio Lower Upper  
84 100  
86 58.2 45.3 84.1  
49 115.7 86.6 160.8





#34

Trichloroethene

Concen: 1.954 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

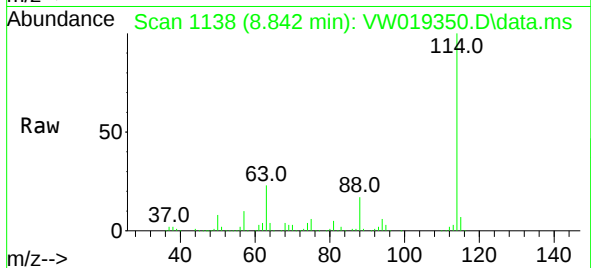
Lab File: VW019350.D

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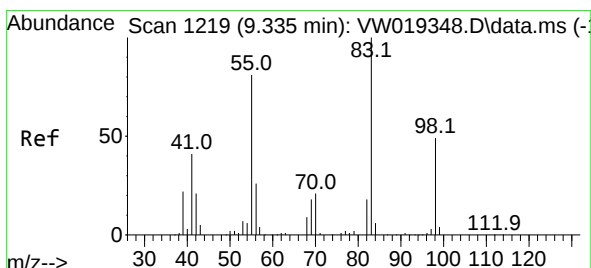
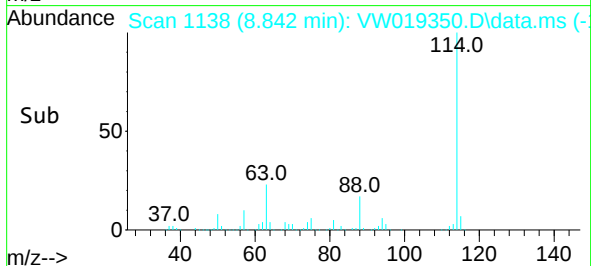
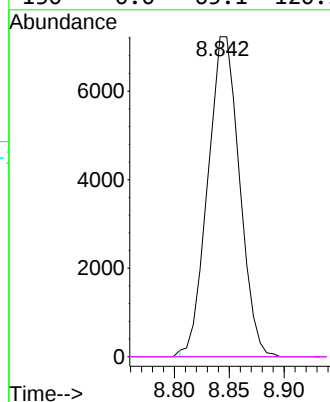
Instrument :

MSVOA\_W

ClientSampled :



| Tgt Ion:  | 95    | Resp: | 14537  |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 97        | 0.0   | 47.3  | 87.8#  |
| 132       | 0.0   | 71.0  | 131.8# |
| 130       | 0.0   | 65.1  | 120.9# |



#35

Methylcyclohexane

Concen: 3.756 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW019350.D

Acq: 29 Jun 2021 10:33

| Tgt Ion:  | 83    | Resp: | 49291 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 0.4   | 58.9  | 88.3# |
| 98        | 1.5   | 40.1  | 60.1# |

