

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101421\  
 Data File : VW020514.D  
 Acq On : 15 Oct 2021 00:48  
 Operator : SY/VA  
 Sample : M4210-02  
 Misc : 4.99g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JDGC2

Quant Time: Oct 15 01:34:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Oct 15 00:58:32 2021  
 Response via : Initial Calibration

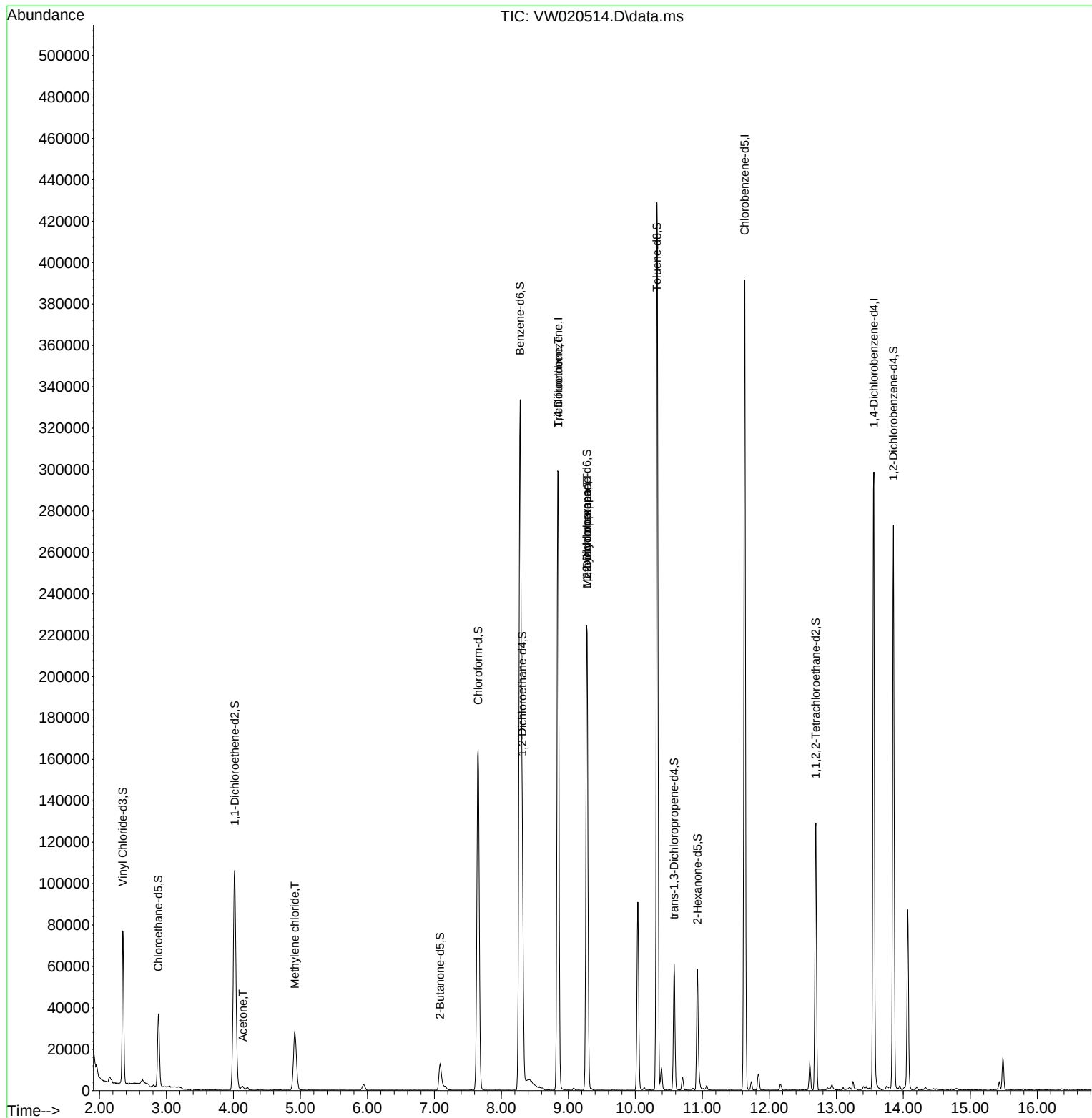
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 232673   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 202117   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 72091    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 67680    | 19.990   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 79.960%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 36385    | 20.345   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 81.400%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 108277   | 15.608   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 62.440%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 22806    | 22.134   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 44.260%  |
| 24) Chloroform-d              | 7.653  | 84    | 165764   | 22.350   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 91477    | 21.595   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 86.400%  |
| 32) Benzene-d6                | 8.281  | 84    | 313748   | 23.599   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 94.400%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 104029   | 24.009   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.040%  |
| 41) Toluene-d8                | 10.323 | 98    | 266600   | 22.349   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 89.400%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 31611    | 17.953   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 71.800%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 16952    | 25.432   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 50.860%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 64601    | 19.724   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 78.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 63687    | 22.583   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 90.320%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.141  | 43    | 3682     | 3.892    | ug/L   | 91       |
| 16) Methylene chloride        | 4.915  | 84    | 19510    | 4.313    | ug/L   | 98       |
| 34) Trichloroethene           | 8.848  | 95    | 7542     | 2.127    | ug/L # | 8        |
| 35) Methylcyclohexane         | 9.280  | 83    | 24003    | 3.955    | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 9.280  | 63    | 12024    | 3.225    | ug/L # | 87       |
| -----                         |        |       |          |          |        |          |

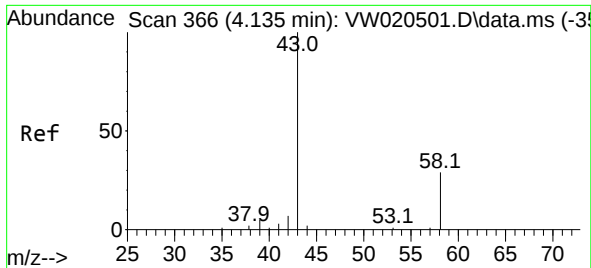
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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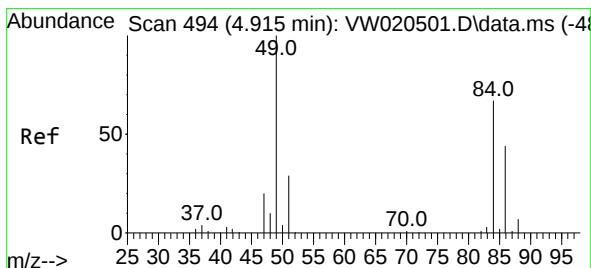
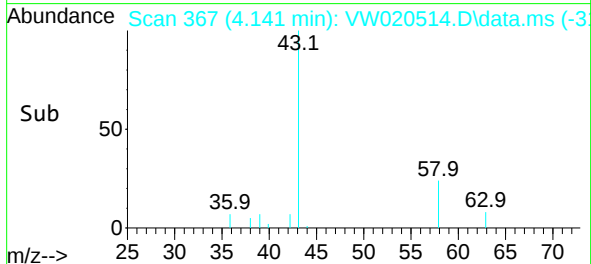
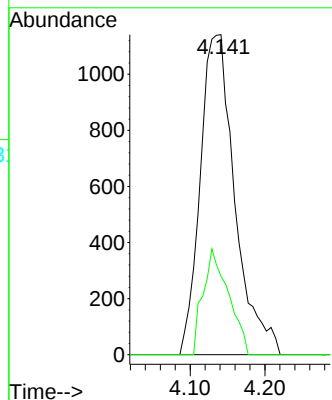
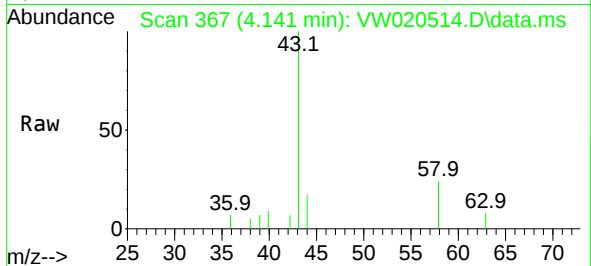




#13  
Acetone  
Concen: 3.892 ug/L  
RT: 4.141 min Scan# 367  
Delta R.T. 0.006 min  
Lab File: VW020514.D  
Acq: 15 Oct 2021 00:48

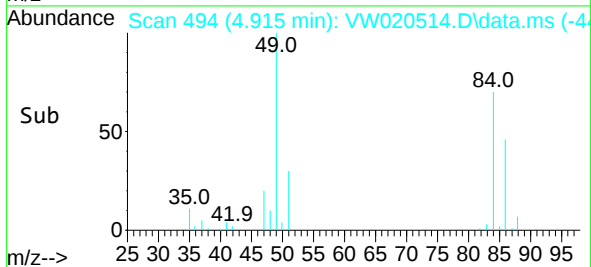
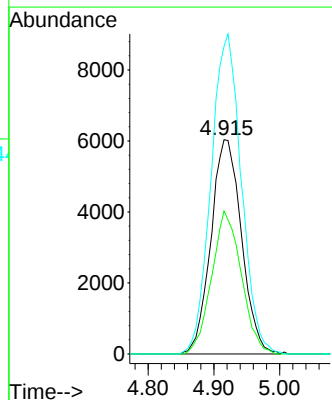
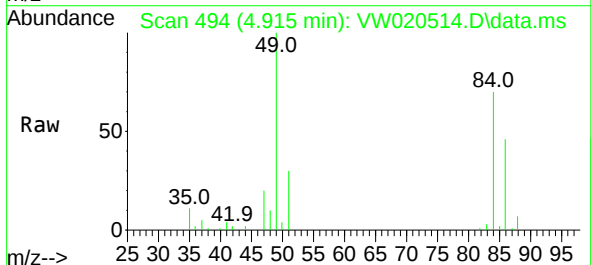
Instrument :  
MSVOA\_W  
ClientSampled :  
JDGC2

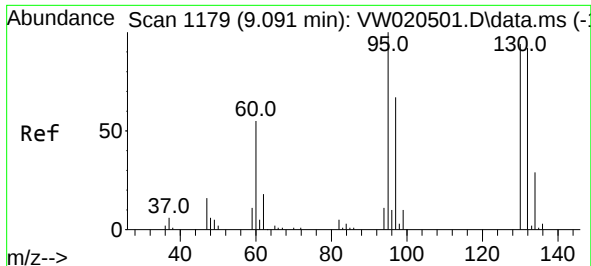
Tgt Ion: 43 Resp: 3682  
Ion Ratio Lower Upper  
43 100  
58 24.3 0.0 58.4



#16  
Methylene chloride  
Concen: 4.313 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW020514.D  
Acq: 15 Oct 2021 00:48

Tgt Ion: 84 Resp: 19510  
Ion Ratio Lower Upper  
84 100  
86 66.7 44.7 83.1  
49 143.5 101.7 188.9

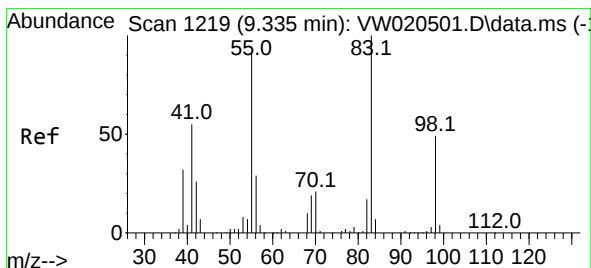
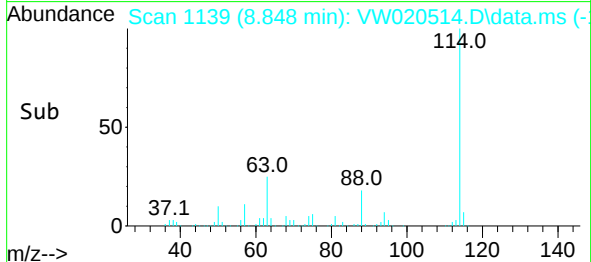
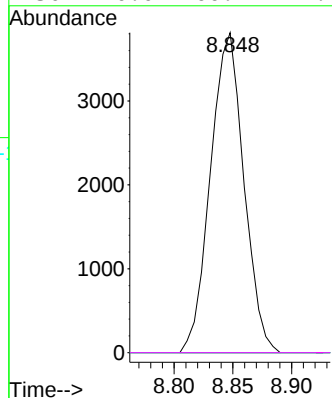
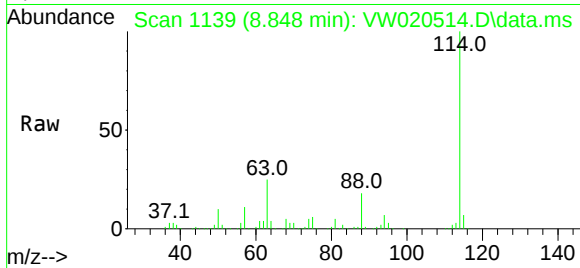




#34  
Trichloroethene  
Concen: 2.127 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW020514.D  
Acq: 15 Oct 2021 00:48

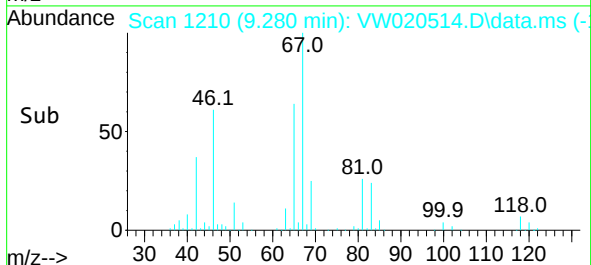
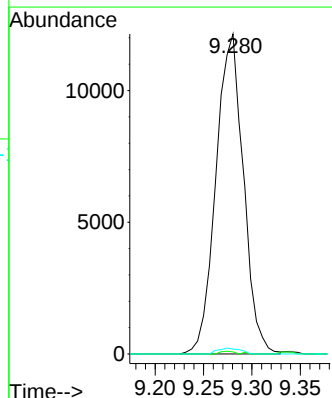
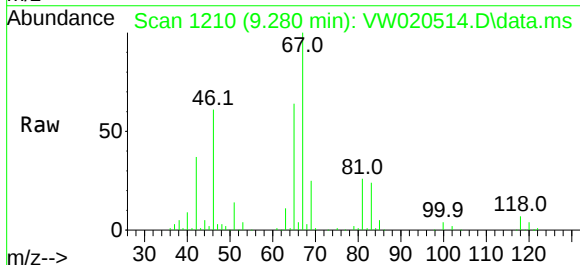
Instrument :  
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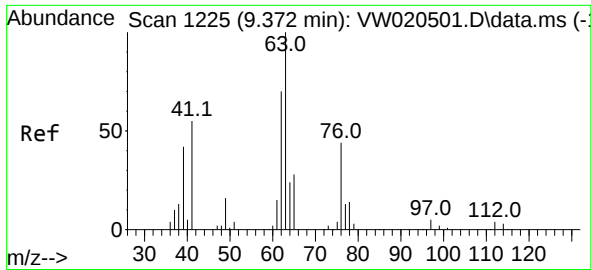
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 7542   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 43.2  | 80.2#  |
| 132      | 0.0   | 62.3  | 115.7# |
| 130      | 0.0   | 66.1  | 122.7# |



#35  
Methylcyclohexane  
Concen: 3.955 ug/L  
RT: 9.280 min Scan# 1210  
Delta R.T. -0.055 min  
Lab File: VW020514.D  
Acq: 15 Oct 2021 00:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 24003  |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 0.4   | 69.7  | 104.5# |
| 98       | 1.5   | 38.2  | 57.2#  |





#37  
 1,2-Dichloropropane  
 Concen: 3.225 ug/L  
 RT: 9.280 min Scan# 1210  
 Delta R.T. -0.091 min  
 Lab File: VW020514.D  
 Acq: 15 Oct 2021 00:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JDGC2

Tgt Ion: 63 Resp: 12024  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.5 5.3#

