

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072621\  
 Data File : VW019601.D  
 Acq On : 26 Jul 2021 17:08  
 Operator : SY/VA  
 Sample : M3122-19  
 Misc : 3.81g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGES3

Quant Time: Jul 27 01:12:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 27 01:09:44 2021  
 Response via : Initial Calibration

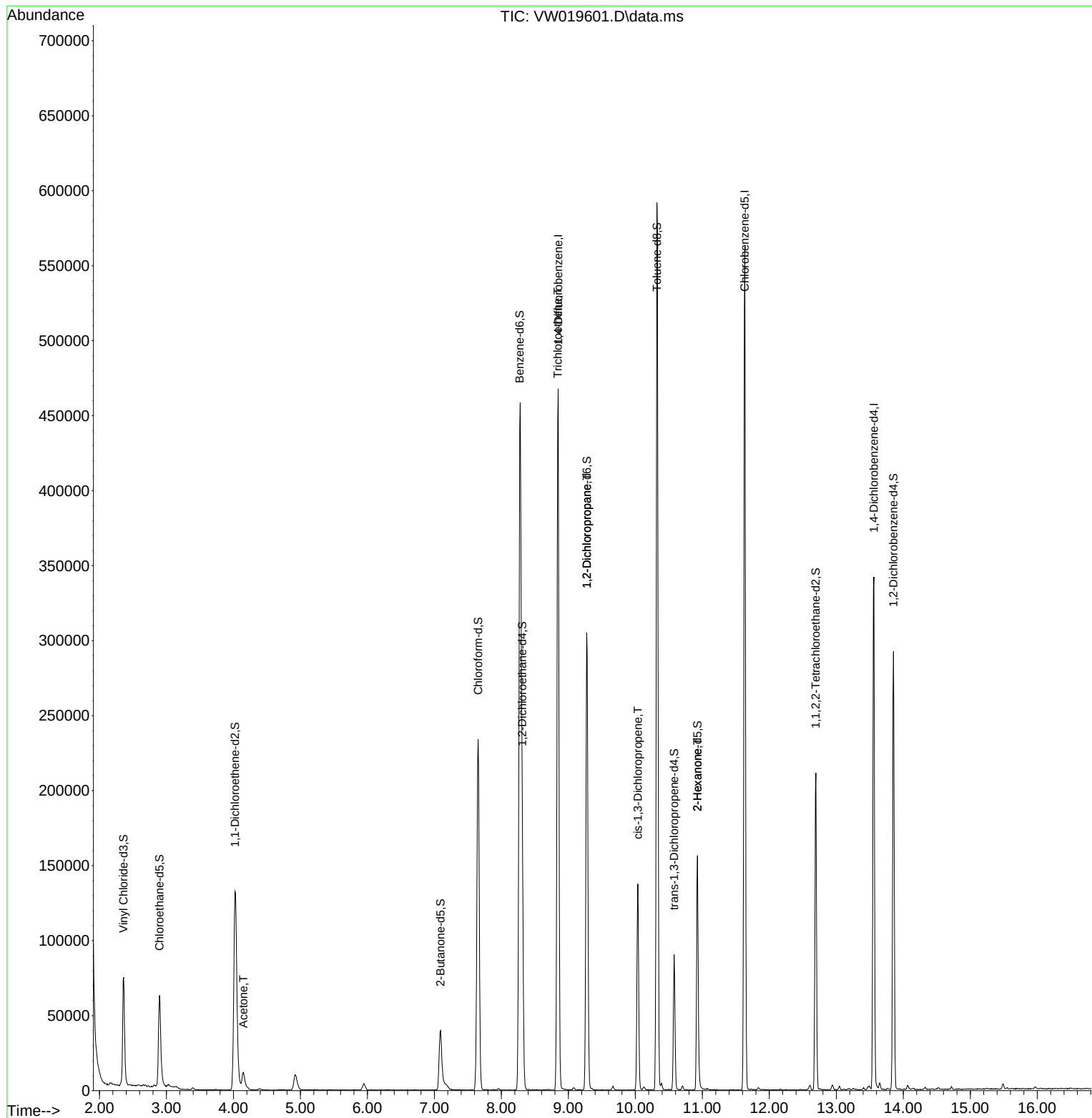
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 385592   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 310769   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 90220    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 88182    | 16.141   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 64.560%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 82750    | 21.240   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.960%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 156902   | 14.884   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 59.520%  |
| 21) 2-Butanone-d5             | 7.092  | 46    | 69823    | 44.033   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 88.060%  |
| 24) Chloroform-d              | 7.653  | 84    | 244703   | 22.968   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 91.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 133788   | 22.882   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 91.520%  |
| 32) Benzene-d6                | 8.275  | 84    | 480751   | 25.988   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 103.960% |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 148627   | 25.778   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 103.120% |
| 41) Toluene-d8                | 10.323 | 98    | 396538   | 23.775   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 95.120%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 50192    | 20.327   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.320%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 53017    | 49.563   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 99.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 107404   | 23.053   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 76389    | 23.998   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 96.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 4.147  | 43    | 23245    | 19.894   | ug/L   | 90       |
| 34) Trichloroethene           | 8.841  | 95    | 11444    | 2.305    | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 16803    | 3.409    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 3346     | 0.444    | ug/L # | 72       |
| 48) 2-Hexanone                | 10.927 | 43    | 7449     | 3.515    | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

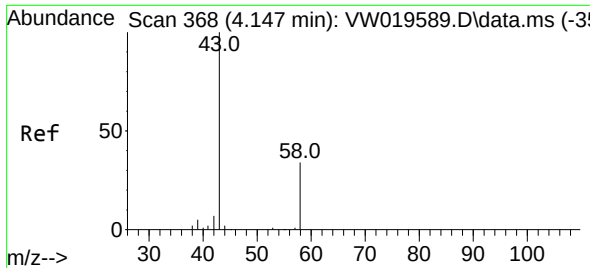
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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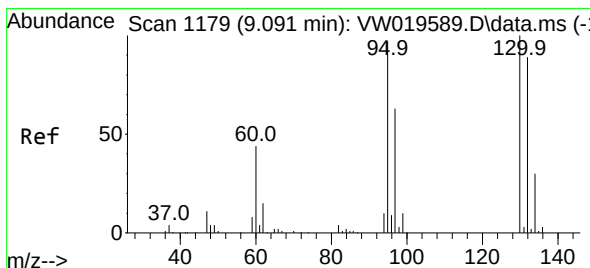
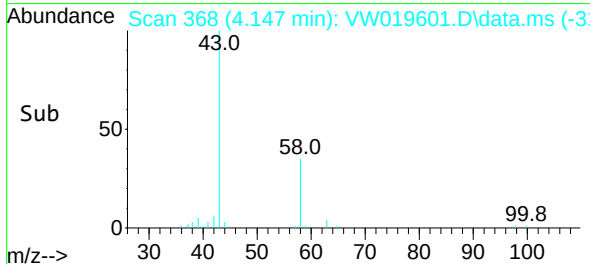
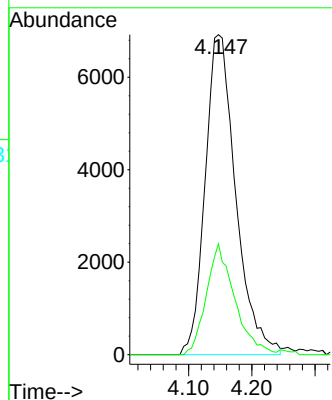
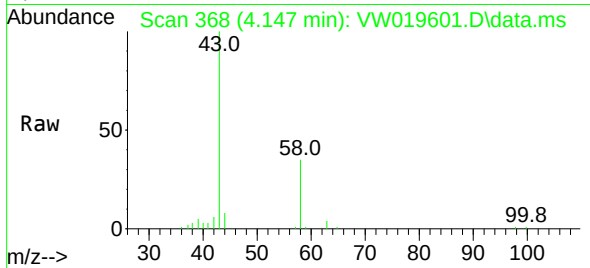




#13  
Acetone  
Concen: 19.894 ug/L  
RT: 4.147 min Scan# 368  
Delta R.T. 0.000 min  
Lab File: VW019601.D  
Acq: 26 Jul 2021 17:08

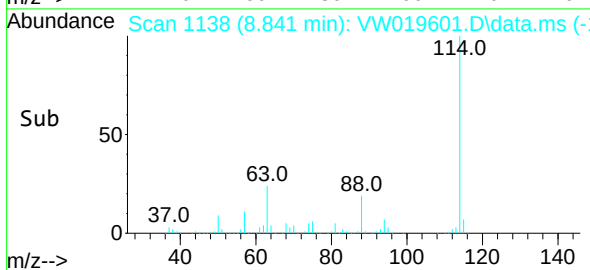
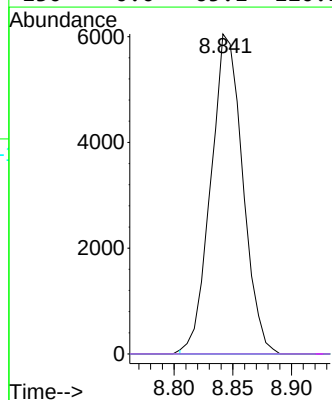
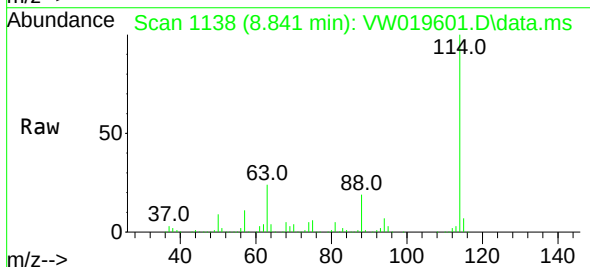
Instrument :  
MSVOA\_W  
ClientSampled :  
BGES3

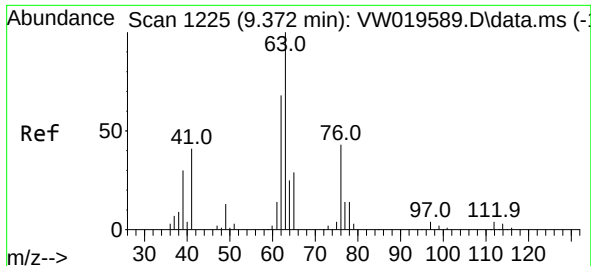
Tgt Ion: 43 Resp: 23245  
Ion Ratio Lower Upper  
43 100  
58 32.1 0.0 53.8



#34  
Trichloroethene  
Concen: 2.305 ug/L  
RT: 8.841 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW019601.D  
Acq: 26 Jul 2021 17:08

Tgt Ion: 95 Resp: 11444  
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#

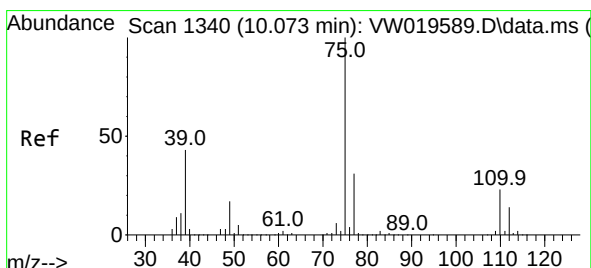
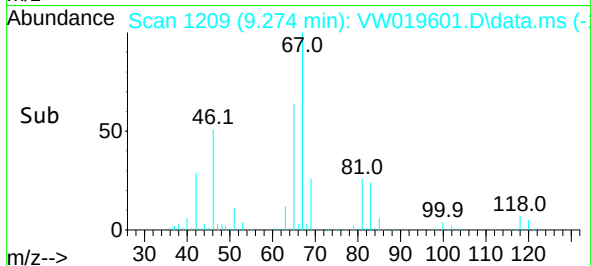
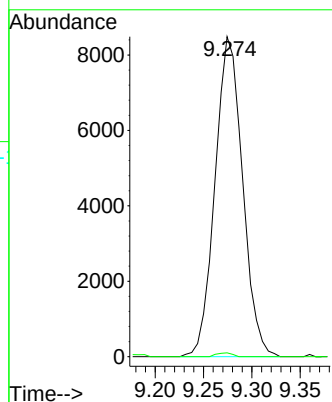
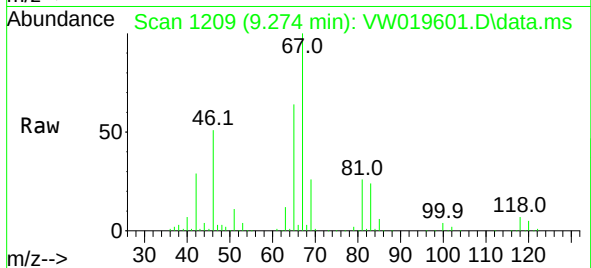




#37  
1,2-Dichloropropane  
Concen: 3.409 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW019601.D  
Acq: 26 Jul 2021 17:08

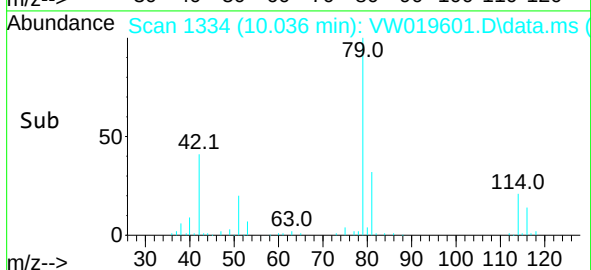
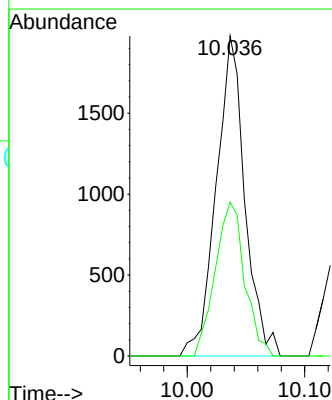
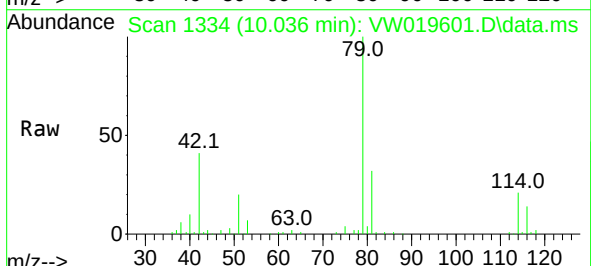
Instrument :  
MSVOA\_W  
ClientSampled :  
BGES3

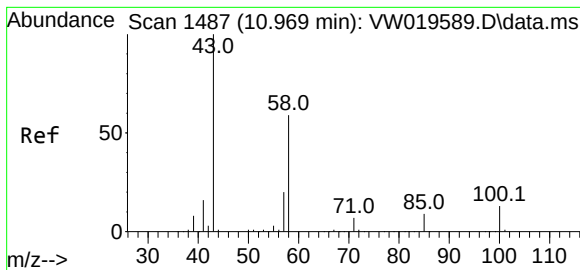
Tgt Ion: 63 Resp: 16803  
Ion Ratio Lower Upper  
63 100  
112 0.7 3.9 5.9#



#39  
cis-1,3-Dichloropropene  
Concen: 0.444 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW019601.D  
Acq: 26 Jul 2021 17:08

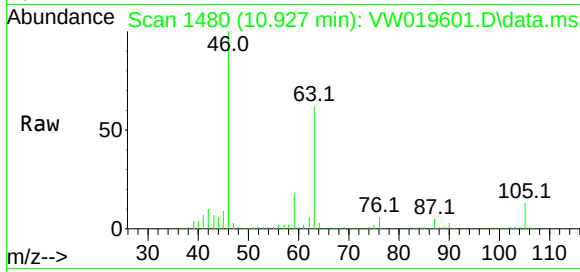
Tgt Ion: 75 Resp: 3346  
Ion Ratio Lower Upper  
75 100  
77 48.1 22.6 42.0#





#48  
 2-Hexanone  
 Concen: 3.515 ug/L  
 RT: 10.927 min Scan# 1480  
 Delta R.T. -0.043 min  
 Lab File: VW019601.D  
 Acq: 26 Jul 2021 17:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGES3



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 7449      |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 25.7 42.7 64.1# |
| 57          | 21.7 15.8 23.8  |
| 100         | 1.2 10.0 15.0#  |

