

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW112621\  
 Data File : VW020951.D  
 Acq On : 26 Nov 2021 12:38  
 Operator : SY/VA  
 Sample : M4833-02  
 Misc : 6.43g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 27 00:57:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM111521SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Nov 27 00:54:15 2021  
 Response via : Initial Calibration

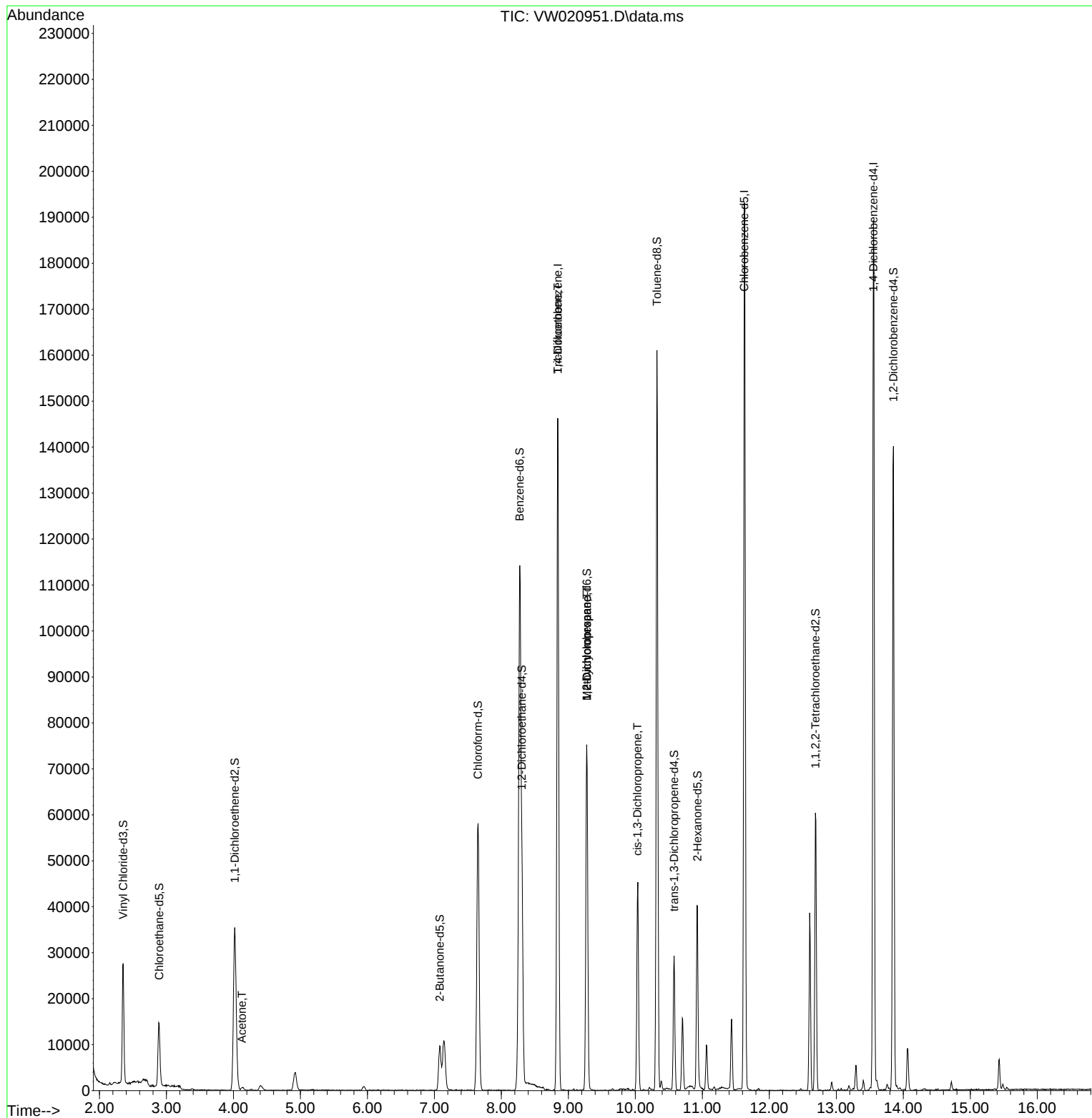
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 123029   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 108160   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 51588    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 24648    | 17.272   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.080%  |
| 7) Chloroethane-d5            | 2.891  | 69    | 15270    | 16.591   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 66.360%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 32562    | 11.793   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 47.160%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 16532    | 46.412   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.820%  |
| 24) Chloroform-d              | 7.653  | 84    | 57668    | 18.603   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 74.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 32312    | 20.535   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 82.160%  |
| 32) Benzene-d6                | 8.274  | 84    | 109123   | 19.142   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 76.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 32534    | 20.042   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 80.160%  |
| 41) Toluene-d8                | 10.323 | 98    | 102350   | 18.089   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 72.360%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 15041    | 19.603   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 78.400%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 13584    | 50.456   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 100.920% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 28499    | 22.918   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 91.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 38305    | 20.833   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.320%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.129  | 43    | 1345     | 4.229    | ug/L   | 71       |
| 34) Trichloroethene           | 8.841  | 95    | 3473     | 2.028    | ug/L   | # 5      |
| 35) Methylcyclohexane         | 9.274  | 83    | 8681     | 3.074    | ug/L   | # 14     |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 4086     | 2.867    | ug/L   | # 88     |
| 39) cis-1,3-Dichloropropene   | 10.030 | 75    | 1362     | 0.579    | ug/L   | 88       |
| -----                         |        |       |          |          |        |          |

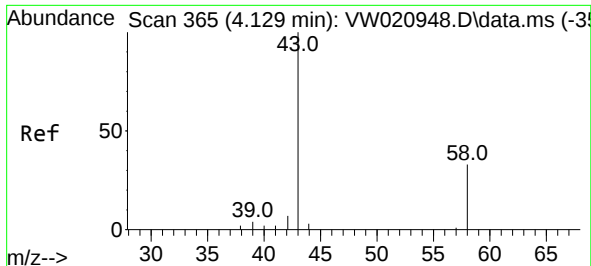
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.229 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW020951.D

Acq: 26 Nov 2021 12:38

Instrument :

MSVOA\_W

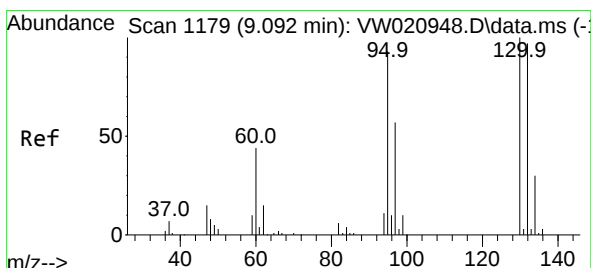
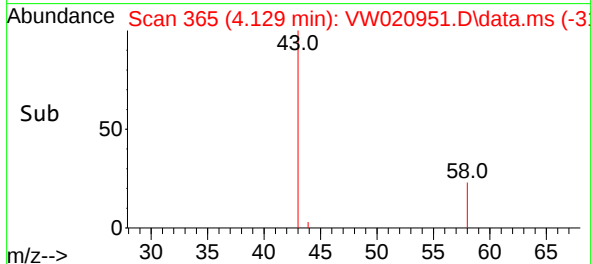
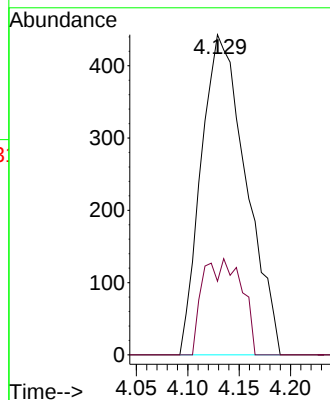
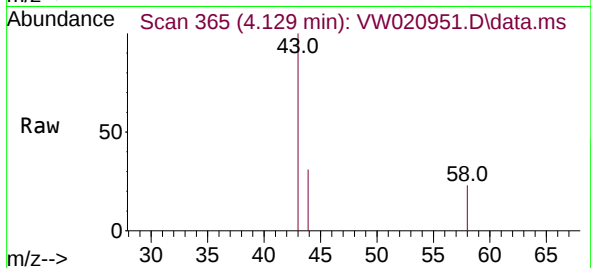
ClientSampleId :

Tgt Ion: 43 Resp: 1345

Ion Ratio Lower Upper

43 100

58 11.7 0.0 52.8



#34

Trichloroethene

Concen: 2.028 ug/L

RT: 8.841 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW020951.D

Acq: 26 Nov 2021 12:38

Tgt Ion: 95 Resp: 3473

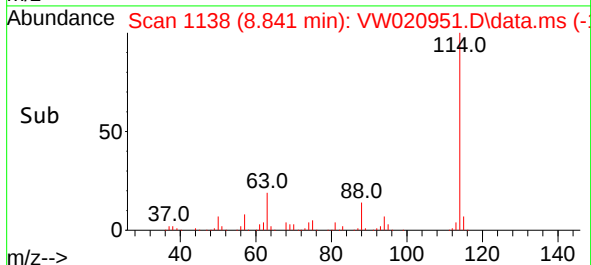
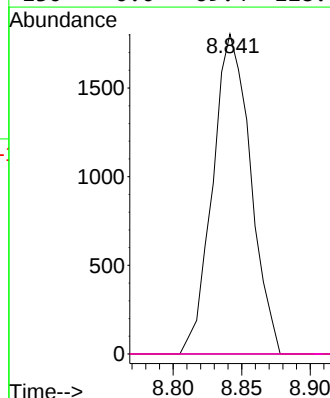
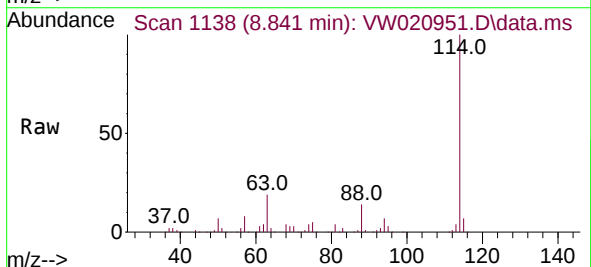
Ion Ratio Lower Upper

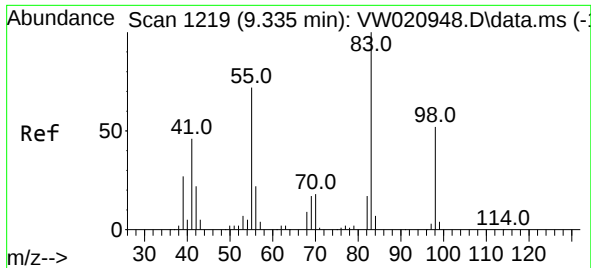
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#

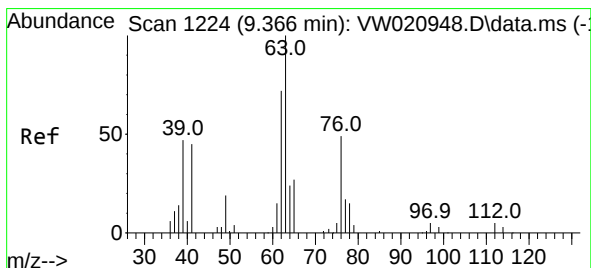
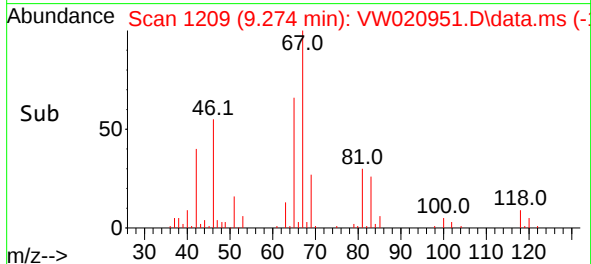
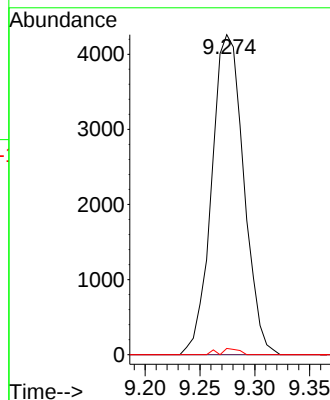
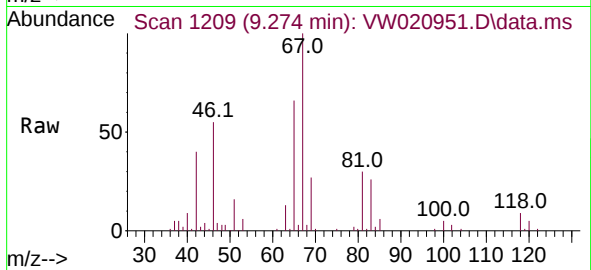




#35  
Methylcyclohexane  
Concen: 3.074 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW020951.D  
Acq: 26 Nov 2021 12:38

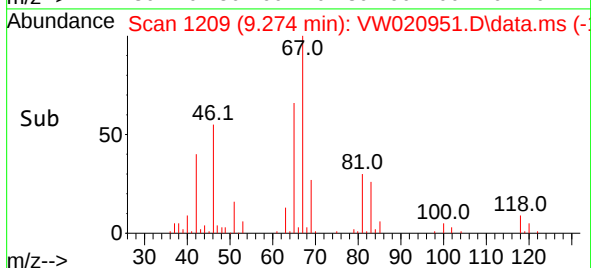
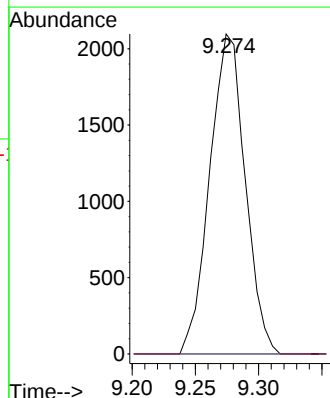
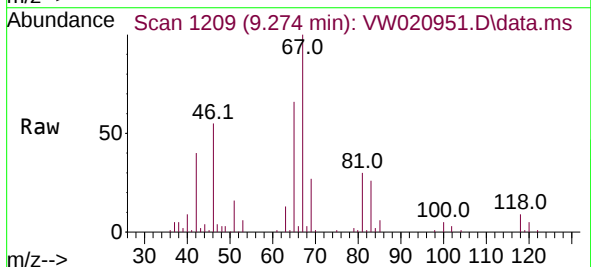
Instrument :  
MSVOA\_W  
ClientSampleId :

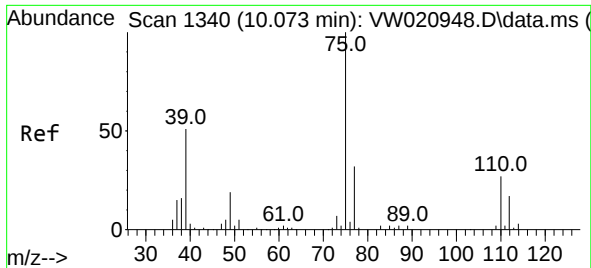
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 83      | 100   |       |        |
| 55      | 0.0   | 70.8  | 106.2# |
| 98      | 0.9   | 37.7  | 56.5#  |



#37  
1,2-Dichloropropane  
Concen: 2.867 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.092 min  
Lab File: VW020951.D  
Acq: 26 Nov 2021 12:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 3.2   | 4.8#  |





#39

cis-1,3-Dichloropropene

Concen: 0.579 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

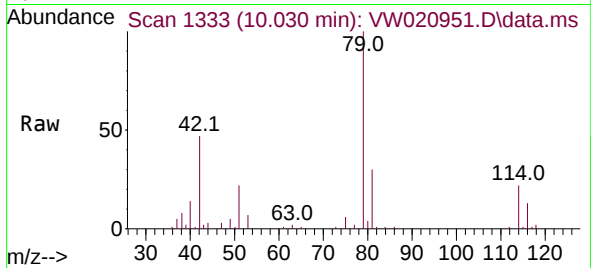
Lab File: VW020951.D

Acq: 26 Nov 2021 12:38

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 75 Resp: 1362

Ion Ratio Lower Upper

75 100

77 37.8 21.8 40.6

