

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100224\  
 Data File : VW030355.D  
 Acq On : 03 Oct 2024 04:04  
 Operator : SY/MD  
 Sample : P4238-16  
 Misc : 5.46g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 03 05:13:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092724SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 03 05:10:23 2024  
 Response via : Initial Calibration

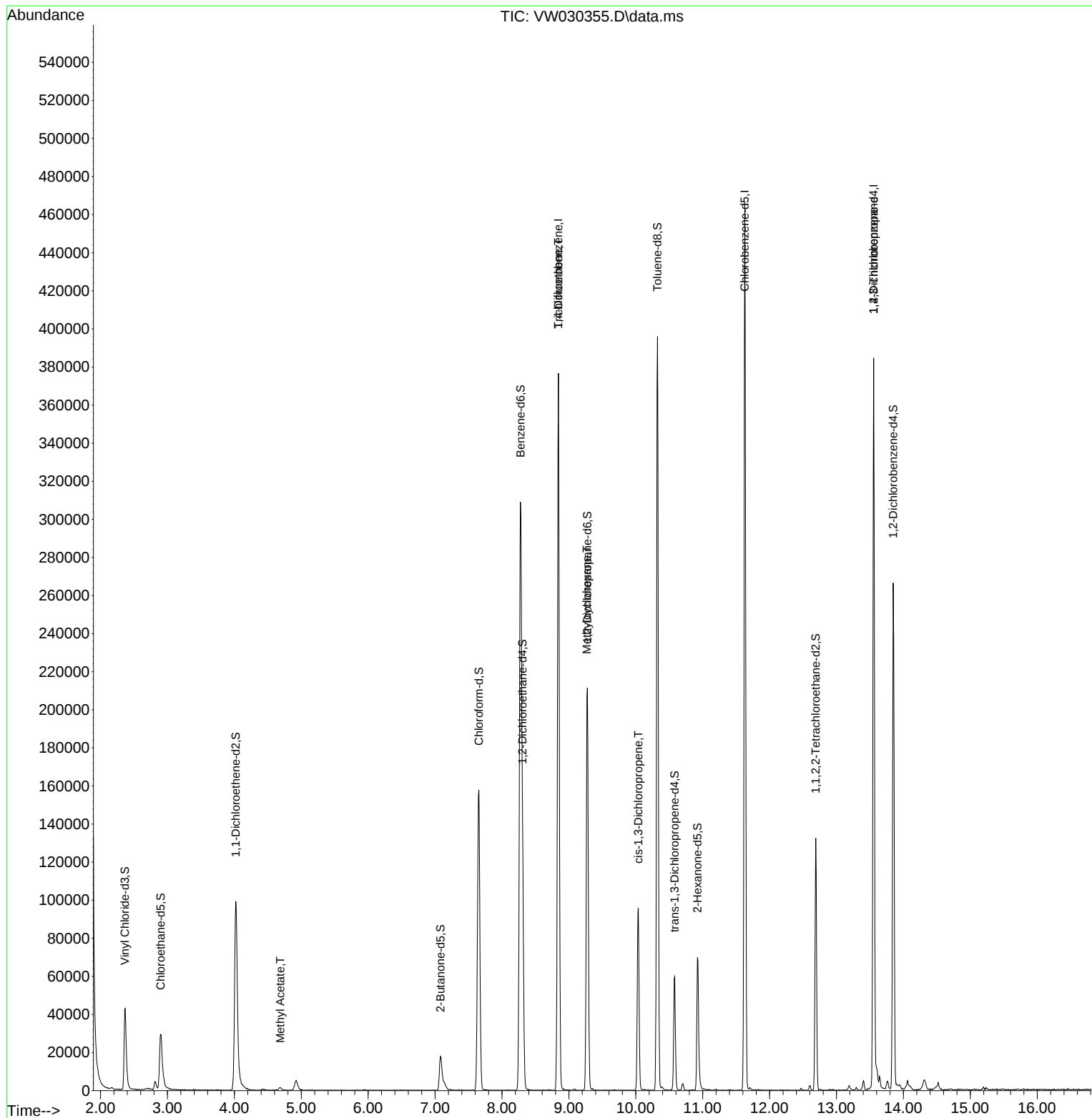
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 297516   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 242136   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 93189    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 61754    | 26.562   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 106.240% |
| 7) Chloroethane-d5            | 2.899  | 69    | 46031    | 27.212   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 108.840% |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 36322    | 21.403   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 85.600%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 30303    | 32.412   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 64.820%  |
| 24) Chloroform-d              | 7.654  | 84    | 165323   | 20.684   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 82.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 90692    | 21.739   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 86.960%  |
| 32) Benzene-d6                | 8.276  | 84    | 318475   | 23.467   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 93.880%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 101564   | 24.883   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 99.520%  |
| 41) Toluene-d8                | 10.325 | 98    | 263952   | 21.211   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 84.840%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 34016    | 20.036   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.160%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 23112    | 34.290   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 68.580%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 64975    | 21.303   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 64342    | 20.796   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 15) Methyl Acetate            | 4.685  | 43    | 2893     | 1.788    | ug/L # | 71       |
| 34) Trichloroethene           | 8.843  | 95    | 9491     | 2.419    | ug/L # | 4        |
| 35) Methylcyclohexane         | 9.270  | 83    | 25023    | 4.156    | ug/L # | 19       |
| 39) cis-1,3-Dichloropropene   | 10.038 | 75    | 2591     | 0.434    | ug/L # | 71       |
| 61) 1,2,3-Trichloropropane    | 13.556 | 75    | 11909    | 6.722    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

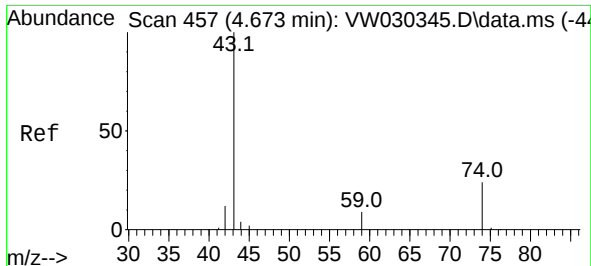
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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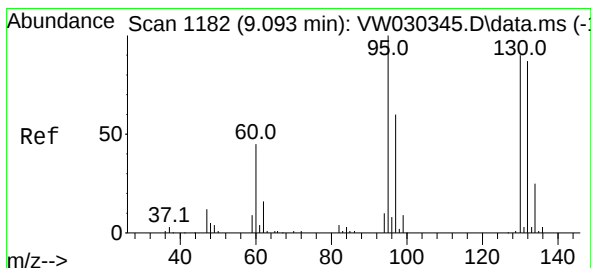
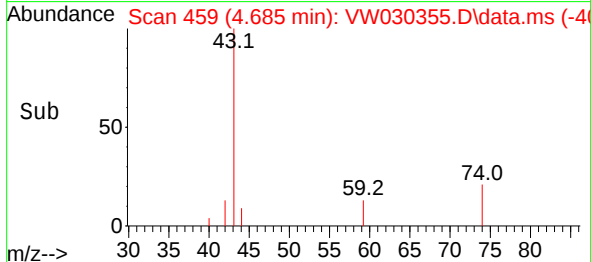
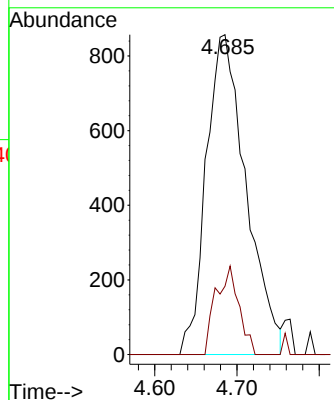
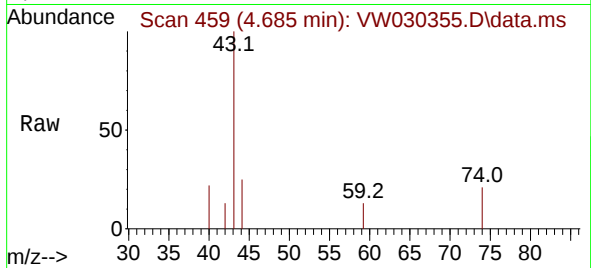




#15  
Methyl Acetate  
Concen: 1.788 ug/L  
RT: 4.685 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VW030355.D  
Acq: 03 Oct 2024 04:04

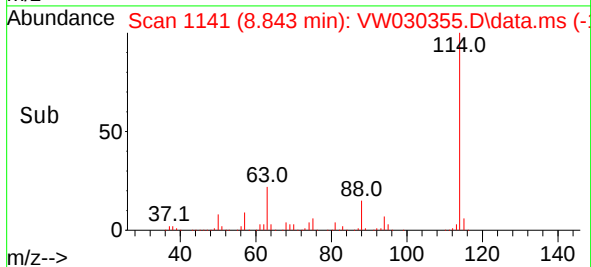
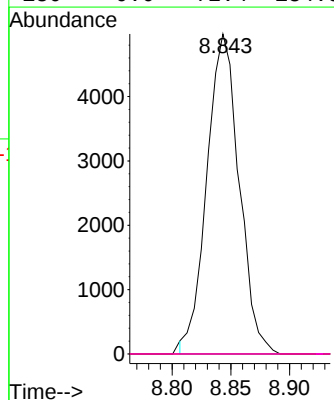
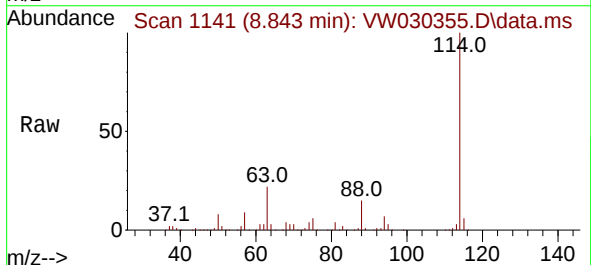
Instrument :  
MSVOA\_W  
ClientSampleId :

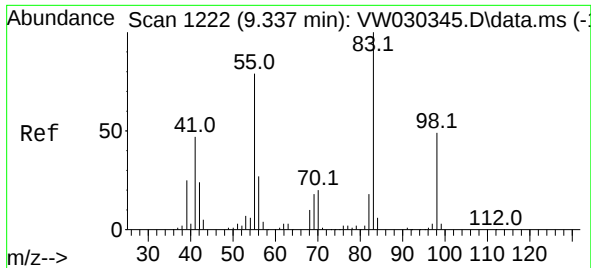
Tgt Ion: 43 Resp: 2893  
Ion Ratio Lower Upper  
43 100  
74 10.3 19.8 29.6#



#34  
Trichloroethene  
Concen: 2.419 ug/L  
RT: 8.843 min Scan# 1141  
Delta R.T. -0.250 min  
Lab File: VW030355.D  
Acq: 03 Oct 2024 04:04

Tgt Ion: 95 Resp: 9491  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.5 88.1#  
132 0.0 66.7 123.9#  
130 0.0 72.4 134.5#





#35

Methylcyclohexane

Concen: 4.156 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.067 min MSVOA\_W

Lab File: VW030355.D

Acq: 03 Oct 2024 04:04

Instrument :

MSVOA\_W

ClientSampleId :

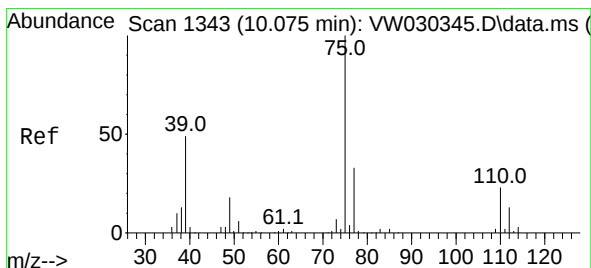
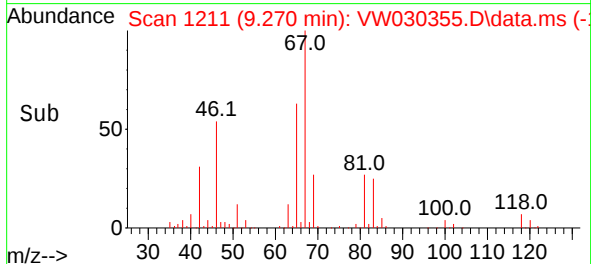
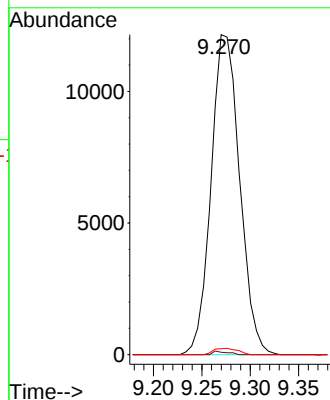
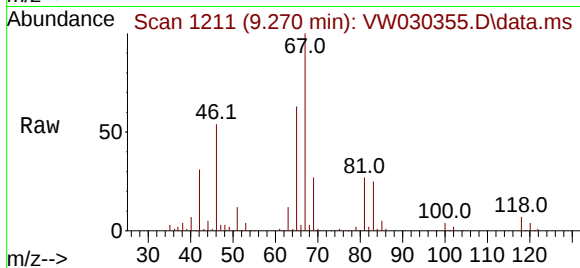
Tgt Ion: 83 Resp: 25023

Ion Ratio Lower Upper

83 100

55 0.4 61.7 92.5#

98 1.7 37.2 55.8#



#39

cis-1,3-Dichloropropene

Concen: 0.434 ug/L

RT: 10.038 min Scan# 1337

Delta R.T. -0.037 min

Lab File: VW030355.D

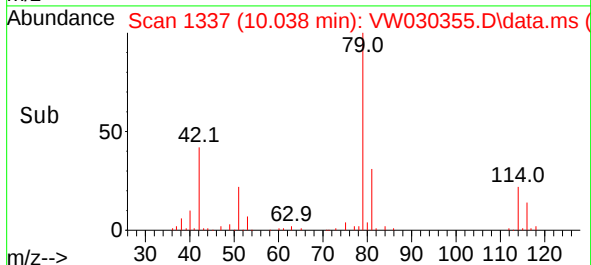
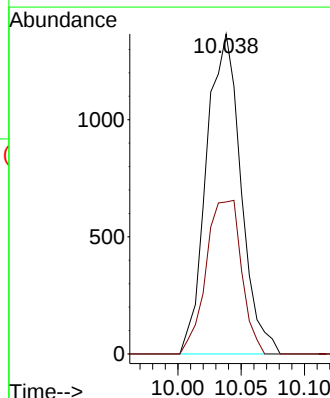
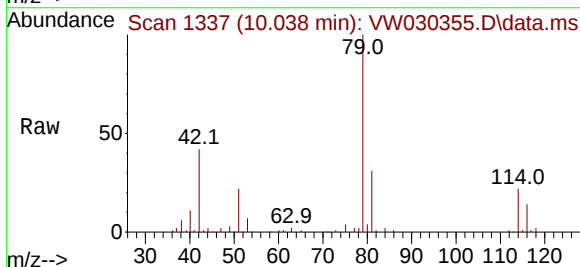
Acq: 03 Oct 2024 04:04

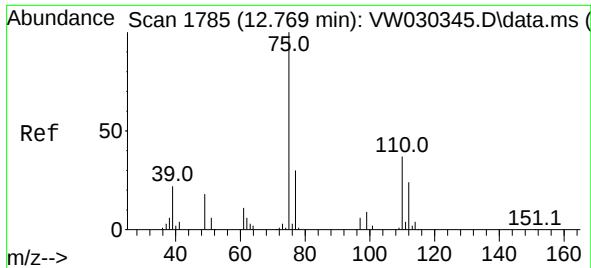
Tgt Ion: 75 Resp: 2591

Ion Ratio Lower Upper

75 100

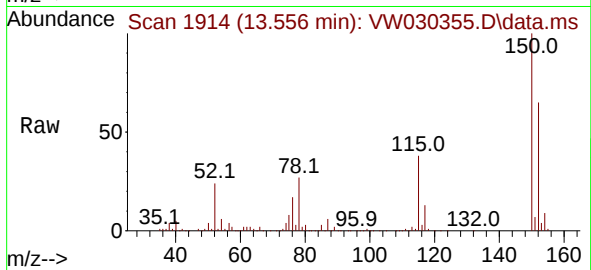
77 47.5 22.0 40.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 6.722 ug/L  
 RT: 13.556 min Scan# 11  
 Delta R.T. 0.786 min  
 Lab File: VW030355.D  
 Acq: 03 Oct 2024 04:04

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 75 Resp: 11909  
 Ion Ratio Lower Upper  
 75 100  
 77 37.6 25.4 38.2  
 110 3.4 30.8 46.2#

