

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW083023\  
 Data File : VW026964.D  
 Acq On : 30 Aug 2023 14:53  
 Operator : SY/MD  
 Sample : 04235-02RE  
 Misc : 4.93g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 31 01:31:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 31 01:29:13 2023  
 Response via : Initial Calibration

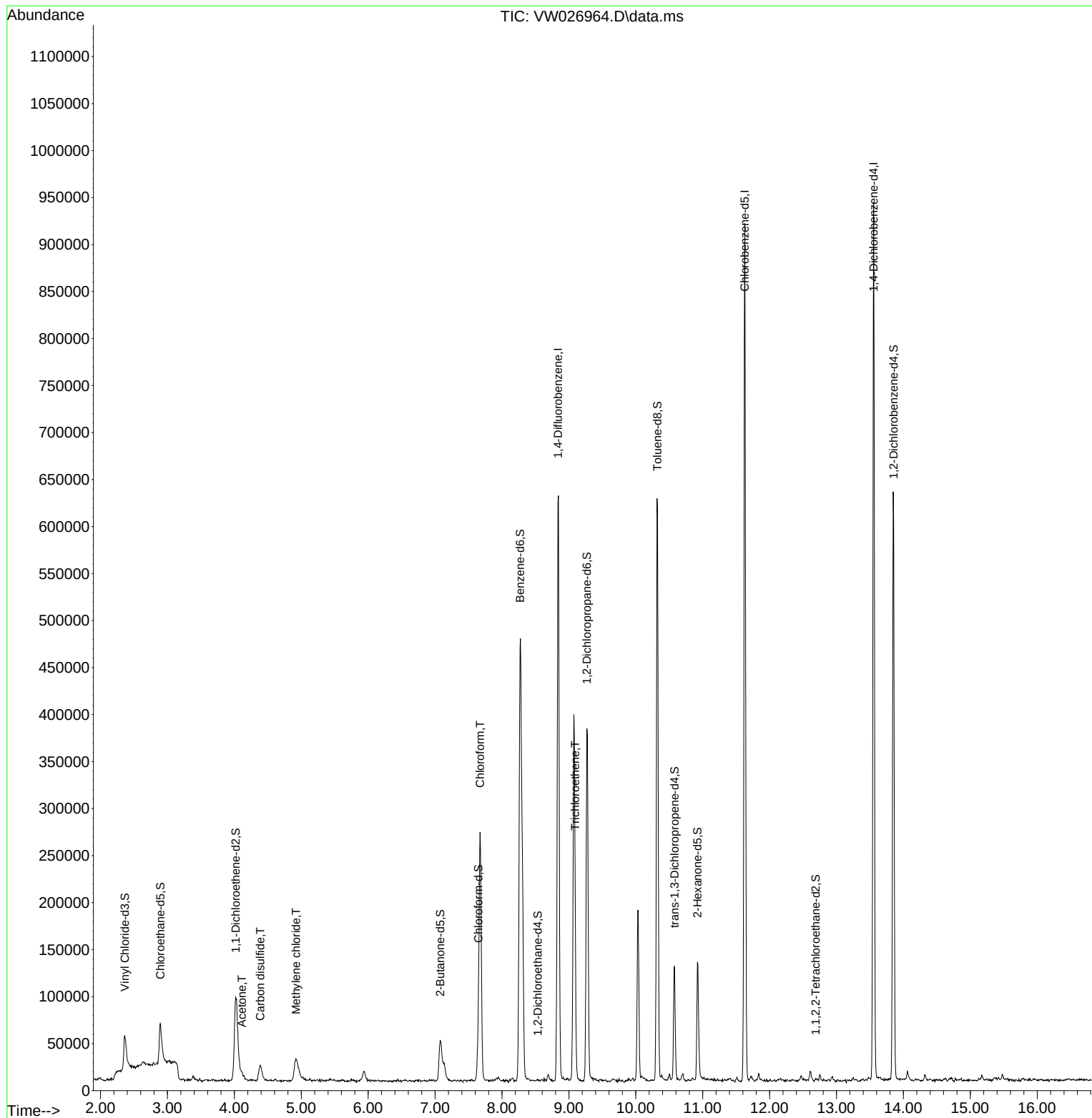
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 462797   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 440834   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 217107   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 66473    | 8.737    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 34.960%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 64679    | 11.433   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 45.720%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 41355    | 11.052   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 44.200%# |
| 21) 2-Butanone-d5             | 7.075  | 46    | 72494    | 33.153   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 66.300%  |
| 24) Chloroform-d              | 7.648  | 84    | 43122    | 2.776    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 11.120%# |
| 26) 1,2-Dichloroethane-d4     | 8.532  | 65    | 234      | 0.027    | ug/L   | 0.23     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.120%#  |
| 32) Benzene-d6                | 8.270  | 84    | 446631   | 14.701   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 58.800%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 157482   | 16.641   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 66.560%# |
| 41) Toluene-d8                | 10.325 | 98    | 383095   | 14.689   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 58.760%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 65297    | 16.711   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 66.840%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 29912    | 30.080   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 60.160%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 1295     | 0.173    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 0.680%#  |
| 66) 1,2-Dichlorobenzene-d4    | 13.855 | 152   | 145397   | 18.711   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 74.840%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.112  | 43    | 7892     | 3.630    | ug/L   | 79       |
| 14) Carbon disulfide          | 4.387  | 76    | 38694    | 1.572    | ug/L   | 96       |
| 16) Methylene chloride        | 4.923  | 84    | 24855    | 2.776    | ug/L   | 96       |
| 25) Chloroform                | 7.673  | 83    | 232133   | 15.294   | ug/L   | 92       |
| 34) Trichloroethene           | 9.093  | 95    | 28174    | 3.446    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

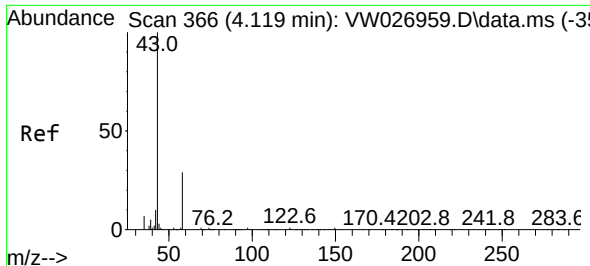
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Aug 31 01:31:03 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Aug 31 01:29:13 2023  
Response via : Initial Calibration

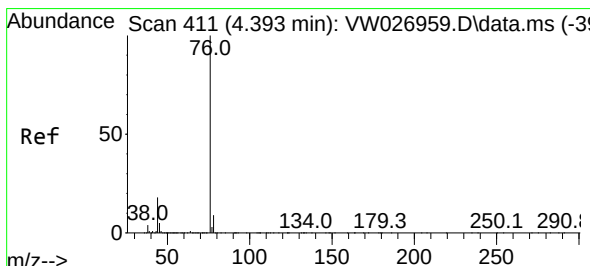
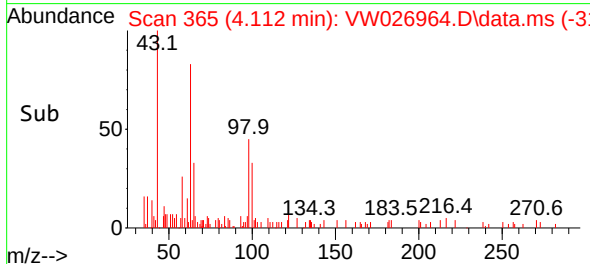
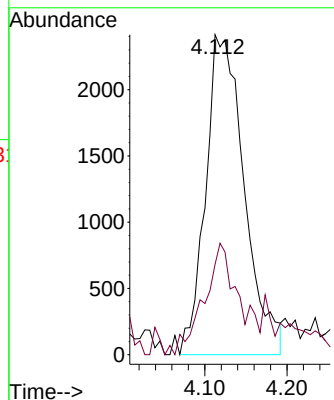
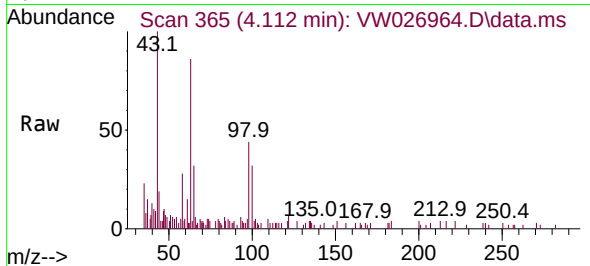




#13  
Acetone  
Concen: 3.630 ug/L  
RT: 4.112 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VW026964.D  
Acq: 30 Aug 2023 14:53

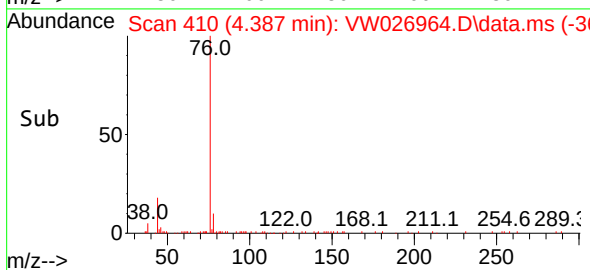
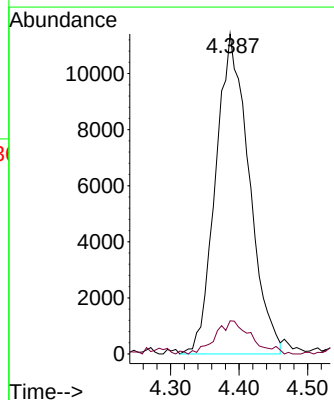
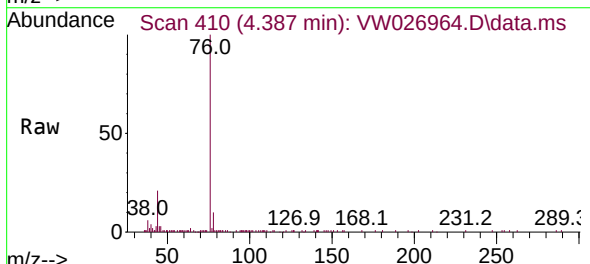
Instrument :  
MSVOA\_W  
ClientSampleId :

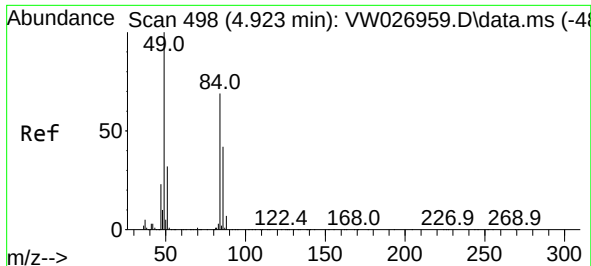
Tgt Ion: 43 Resp: 7892  
Ion Ratio Lower Upper  
43 100  
58 17.6 0.0 57.4



#14  
Carbon disulfide  
Concen: 1.572 ug/L  
RT: 4.387 min Scan# 410  
Delta R.T. -0.006 min  
Lab File: VW026964.D  
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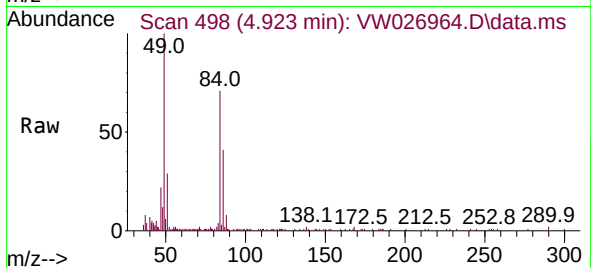
Tgt Ion: 76 Resp: 38694  
Ion Ratio Lower Upper  
76 100  
78 10.3 7.1 10.7



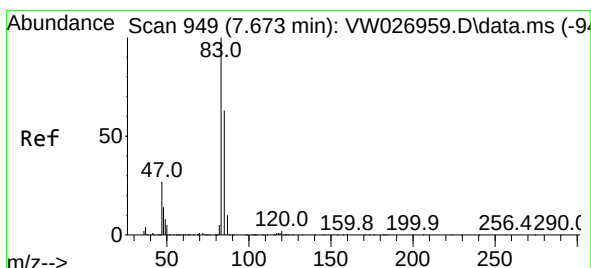
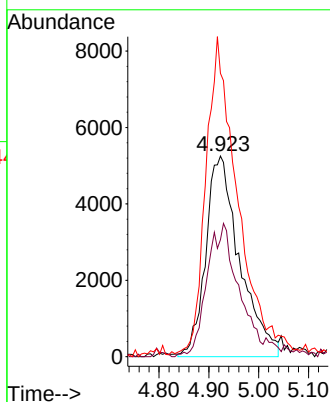
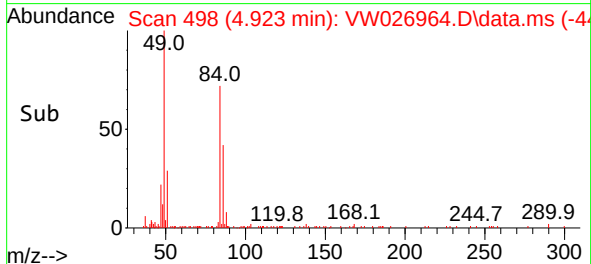


#16  
Methylene chloride  
Concen: 2.776 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. -0.000 min  
Lab File: VW026964.D  
Acq: 30 Aug 2023 14:53

Instrument :  
MSVOA\_W  
ClientSampleId :

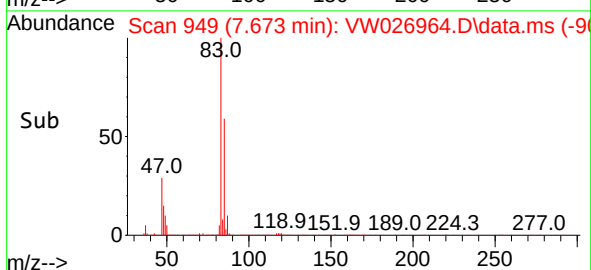
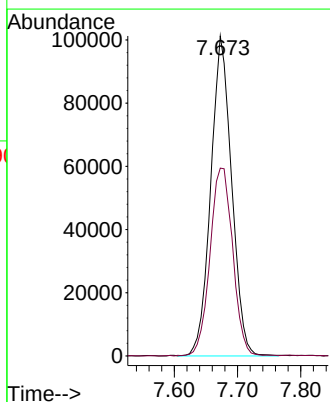
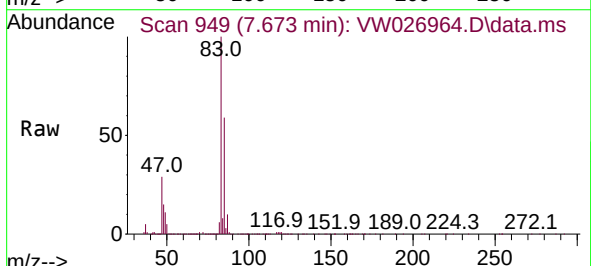


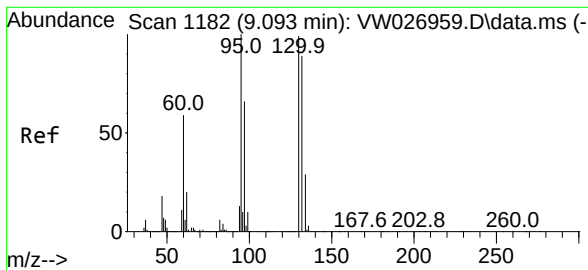
Tgt Ion: 84 Resp: 24855  
Ion Ratio Lower Upper  
84 100  
86 58.3 43.5 80.9  
49 141.2 96.0 178.2



#25  
Chloroform  
Concen: 15.294 ug/L  
RT: 7.673 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: VW026964.D  
Acq: 30 Aug 2023 14:53

Tgt Ion: 83 Resp: 232133  
Ion Ratio Lower Upper  
83 100  
85 58.7 45.4 84.2





#34

Trichloroethene

Concen: 3.446 ug/L

RT: 9.093 min Scan# 11

Delta R.T. -0.000 min

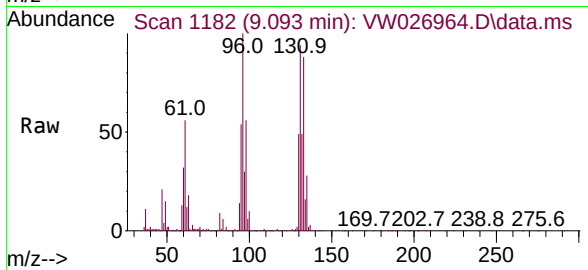
Lab File: VW026964.D

Acq: 30 Aug 2023 14:53

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 28174

Ion Ratio Lower Upper

95 100

97 55.3 44.6 82.8

132 91.8 66.4 123.2

130 90.3 67.3 125.1

