

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051822\  
 Data File : VW023155.D  
 Acq On : 19 May 2022 01:41  
 Operator : SY/VA  
 Sample : N2848-14  
 Misc : 4.88g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 19 04:56:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 19 04:23:21 2022  
 Response via : Initial Calibration

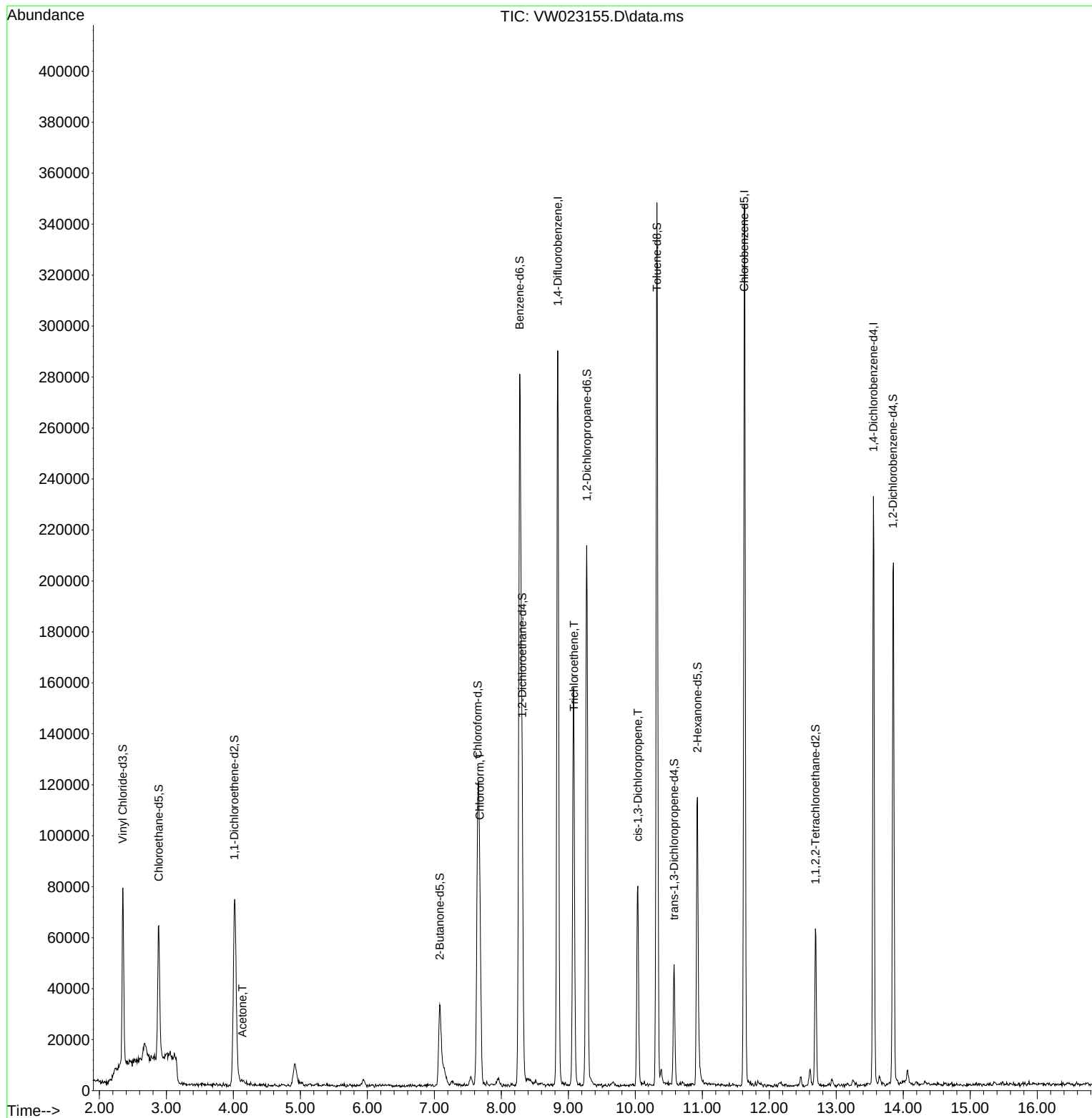
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 237241   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 189645   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 56441    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 70582    | 14.501   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 58.000%   |
| 7) Chloroethane-d5            | 2.885  | 69    | 58915    | 18.605   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.440%   |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 70748    | 11.249   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 45.000%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 50441    | 54.505   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 109.020%  |
| 24) Chloroform-d              | 7.647  | 84    | 100754   | 14.496   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 58.000%   |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 94014    | 24.662   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 98.640%   |
| 32) Benzene-d6                | 8.275  | 84    | 286031   | 26.167   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 104.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 93560    | 30.470   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 121.880%# |
| 41) Toluene-d8                | 10.323 | 98    | 226202   | 21.422   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.680%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 25092    | 17.748   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 71.000%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 36109    | 61.602   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 123.200%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 28302    | 9.889    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 39.560%#  |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 50268    | 25.478   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 101.920%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 13) Acetone                   | 4.135  | 43    | 2670     | 3.854    | ug/L   | 81        |
| 25) Chloroform                | 7.677  | 83    | 64001    | 9.987    | ug/L   | 97        |
| 34) Trichloroethene           | 9.086  | 95    | 1415     | 0.461    | ug/L # | 62        |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 2783     | 0.664    | ug/L   | 100       |
| -----                         |        |       |          |          |        |           |

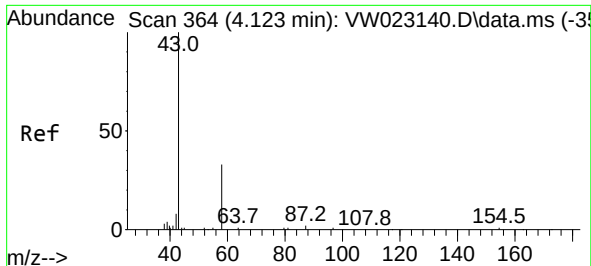
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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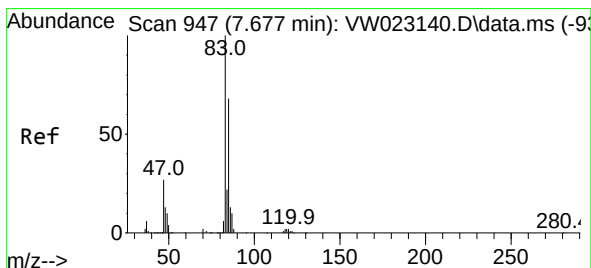
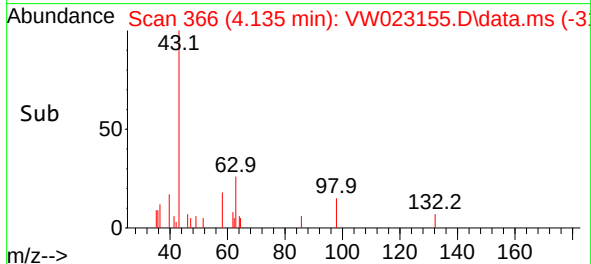
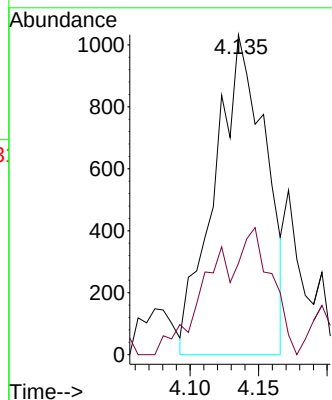
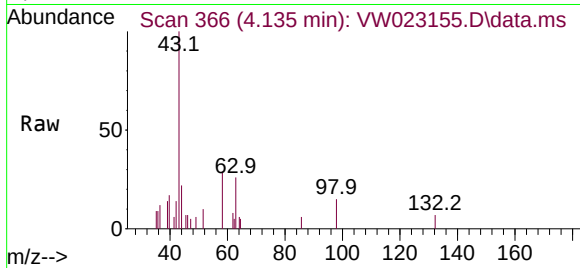




#13  
Acetone  
Concen: 3.854 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.012 min  
Lab File: VW023155.D  
Acq: 19 May 2022 01:41

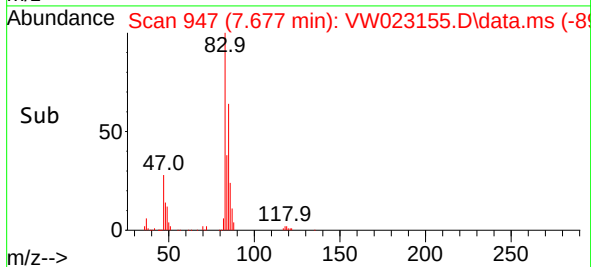
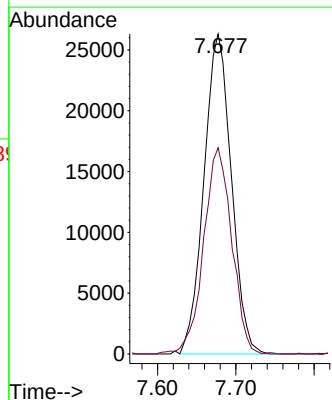
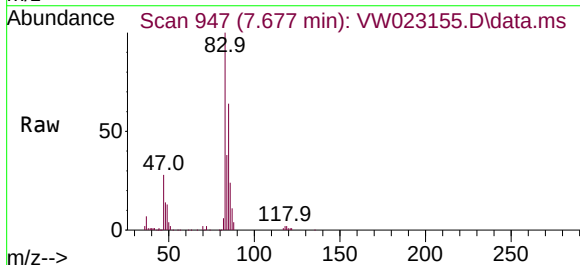
Instrument :  
MSVOA\_W  
ClientSampleId :

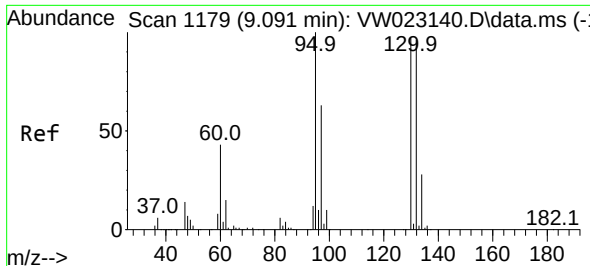
Tgt Ion: 43 Resp: 2670  
Ion Ratio Lower Upper  
43 100  
58 21.3 0.0 64.0



#25  
Chloroform  
Concen: 9.987 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW023155.D  
Acq: 19 May 2022 01:41

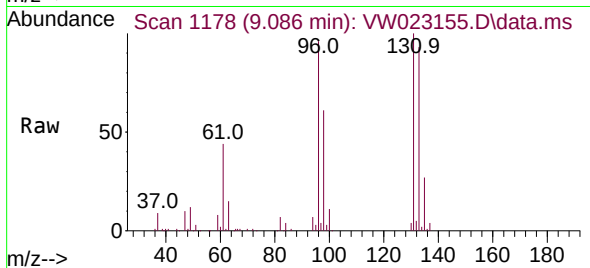
Tgt Ion: 83 Resp: 64001  
Ion Ratio Lower Upper  
83 100  
85 64.5 46.6 86.6



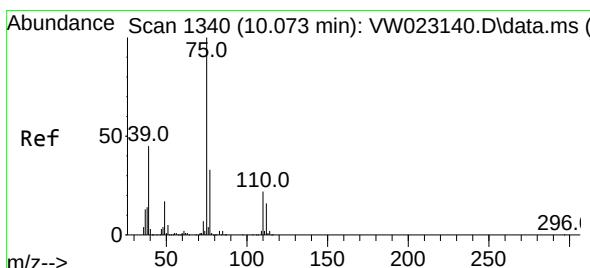
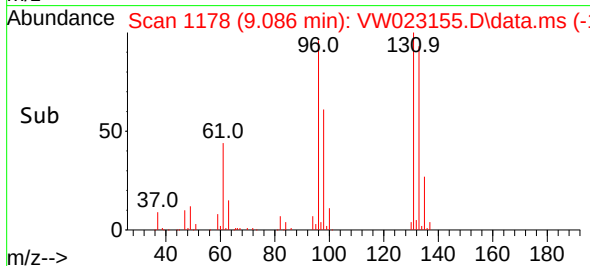
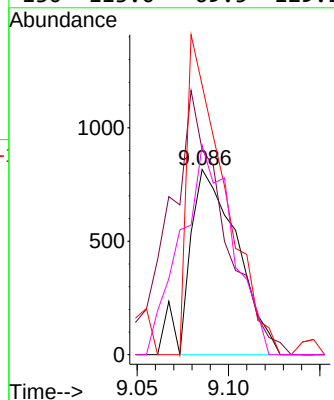


#34  
Trichloroethene  
Concen: 0.461 ug/L  
RT: 9.086 min Scan# 1178  
Delta R.T. -0.006 min  
Lab File: VW023155.D  
Acq: 19 May 2022 01:41

Instrument :  
MSVOA\_W  
ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 95      | 100   |       |        |
| 97      | 110.5 | 46.1  | 85.7#  |
| 132     | 145.6 | 66.9  | 124.3# |
| 130     | 113.0 | 69.5  | 129.1  |



#39  
cis-1,3-Dichloropropene  
Concen: 0.664 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW023155.D  
Acq: 19 May 2022 01:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.4  | 22.1  | 41.1  |

