

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090121\  
 Data File : VW019976.D  
 Acq On : 01 Sep 2021 16:35  
 Operator : SY/VA  
 Sample : M3579-21  
 Misc : 5.06g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Quant Time: Sep 02 04:00:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Sep 02 03:54:23 2021  
 Response via : Initial Calibration

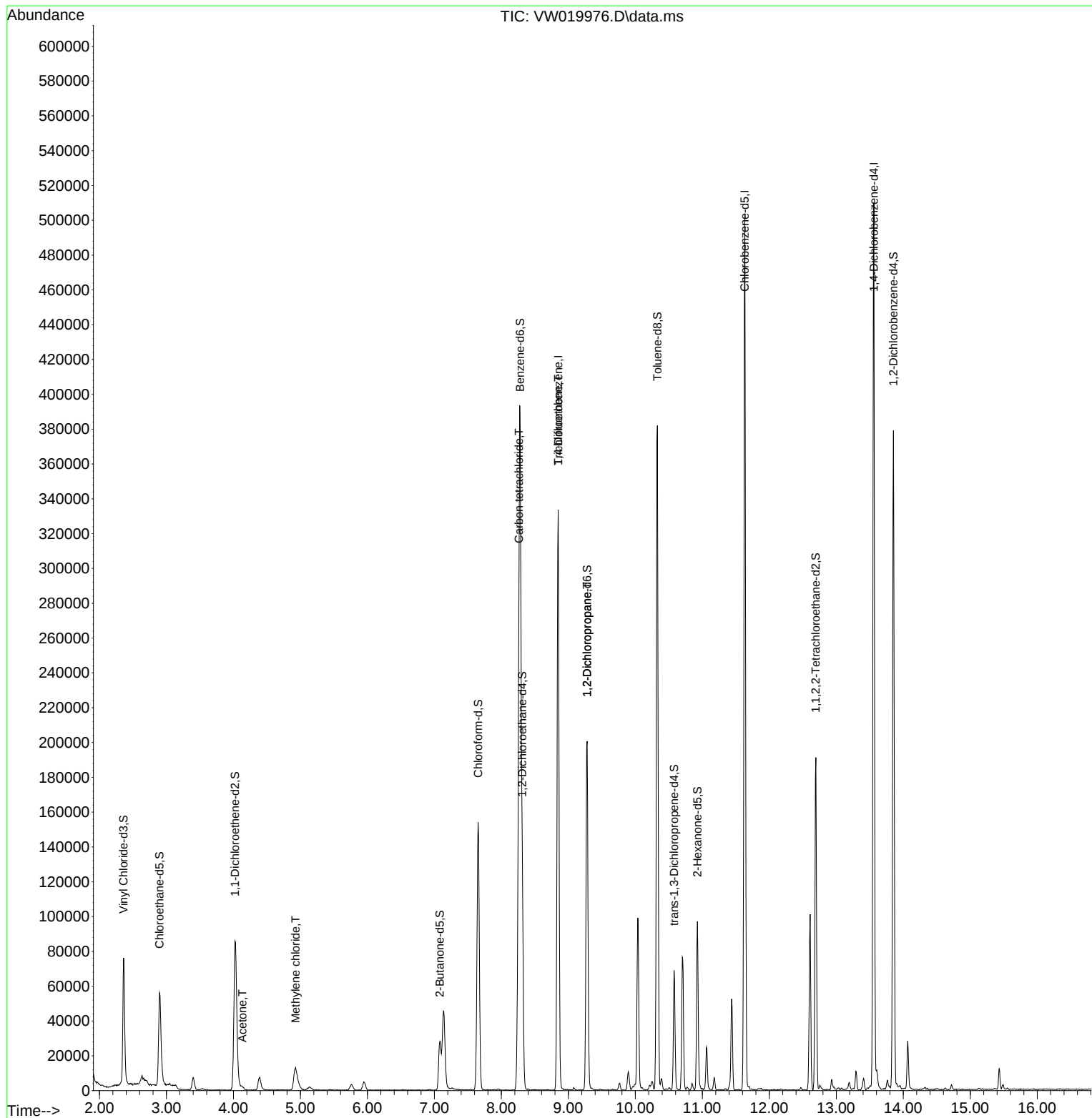
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.848          | 114  | 272559     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 272135     | 25.00   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 127316     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 80952      | 19.17   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 76.68%  |        |          |
| 7) Chloroethane-d5            | 2.897          | 69   | 74526      | 20.11   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.44%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63   | 92254      | 12.59   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 50.36%  |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 47188      | 55.01   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 110.02% |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 153768     | 20.51   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 82.04%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.311          | 65   | 89175      | 22.08   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 88.32%  |        |          |
| 32) Benzene-d6                | 8.281          | 84   | 303761     | 19.58   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 78.32%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.280          | 67   | 93092      | 19.81   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 79.24%  |        |          |
| 41) Toluene-d8                | 10.329         | 98   | 256282     | 18.02   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 72.08%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 37855      | 19.50   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 78.00%  |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 31135      | 47.56   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 95.12%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 92990      | 24.32   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 97.28%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 98318      | 22.51   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 90.04%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.135          | 43   | 2384       | 3.26    | ug/L   | 99       |
| 16) Methylene chloride        | 4.928          | 84   | 10313      | 2.20    | ug/L   | 91       |
| 31) Carbon tetrachloride      | 8.262          | 117  | 3708       | 0.65    | ug/L # | 13       |
| 34) Trichloroethene           | 8.848          | 95   | 8285       | 1.91    | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.280          | 63   | 10567      | 2.55    | ug/L # | 85       |
| -----                         |                |      |            |         |        |          |

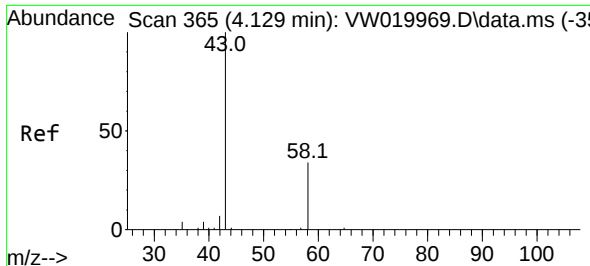
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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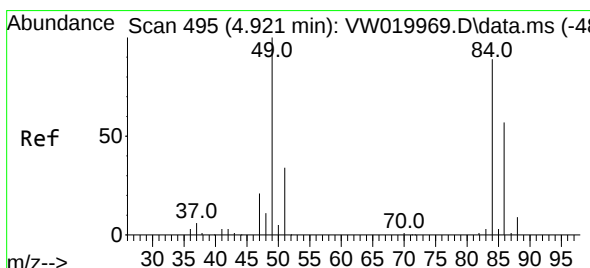
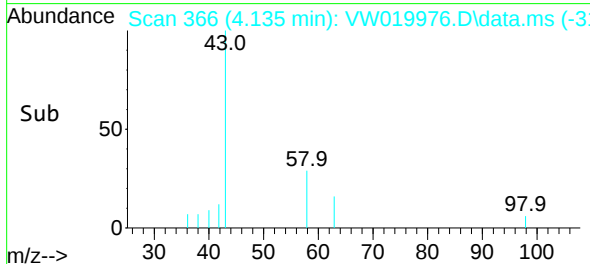
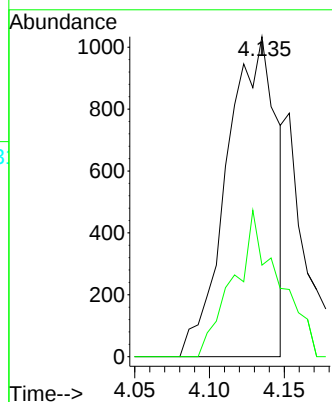
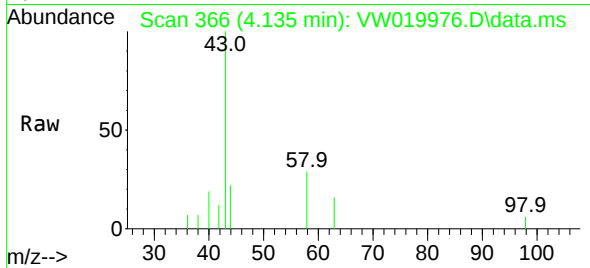




#13  
Acetone  
Concen: 3.26 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VW019976.D  
Acq: 01 Sep 2021 16:35

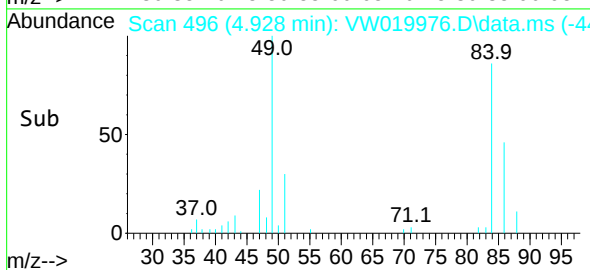
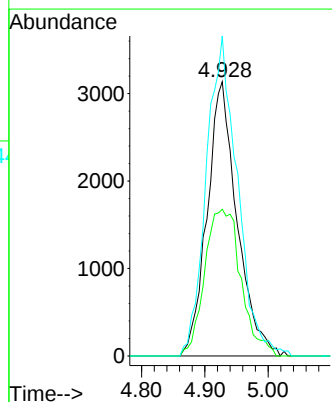
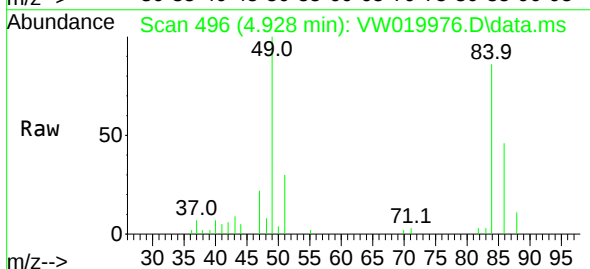
Instrument :  
MSVOA\_W  
ClientSampled :  
VHBLK001

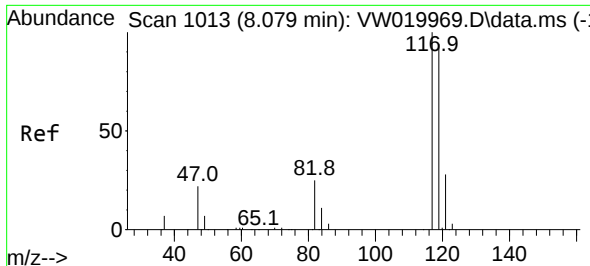
Tgt Ion: 43 Resp: 2384  
Ion Ratio Lower Upper  
43 100  
58 27.5 0.0 53.8



#16  
Methylene chloride  
Concen: 2.20 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW019976.D  
Acq: 01 Sep 2021 16:35

Tgt Ion: 84 Resp: 10313  
Ion Ratio Lower Upper  
84 100  
86 53.5 45.3 84.1  
49 116.7 86.6 160.8

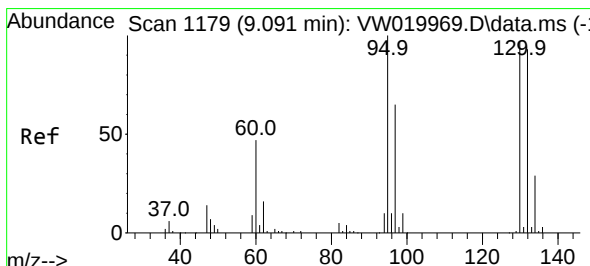
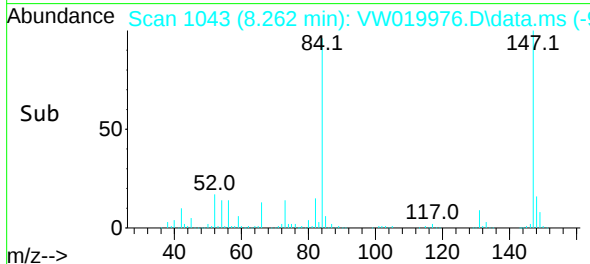
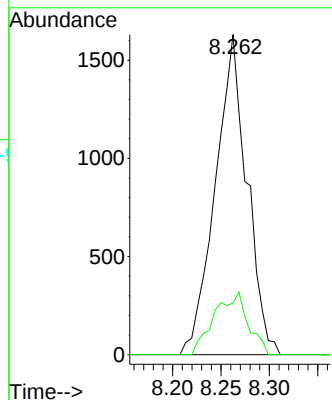
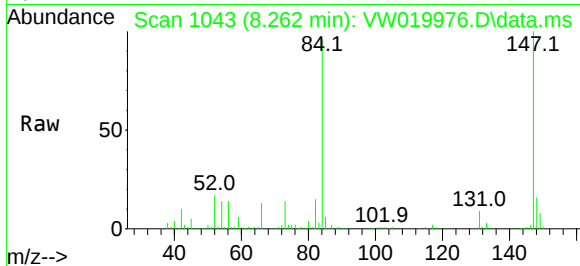




#31  
Carbon tetrachloride  
Concen: 0.65 ug/L  
RT: 8.262 min Scan# 1043  
Delta R.T. 0.183 min  
Lab File: VW019976.D  
Acq: 01 Sep 2021 16:35

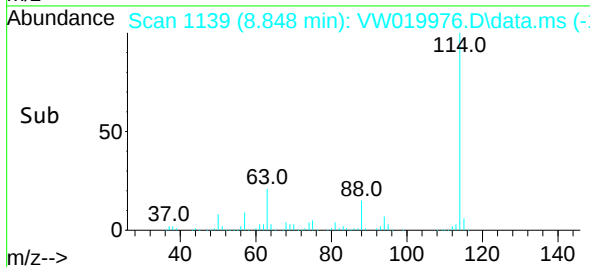
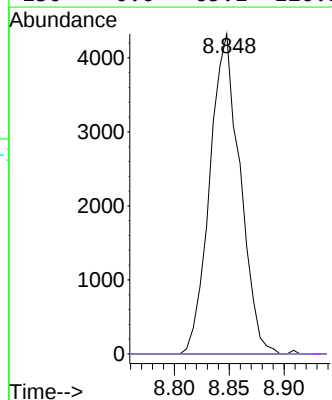
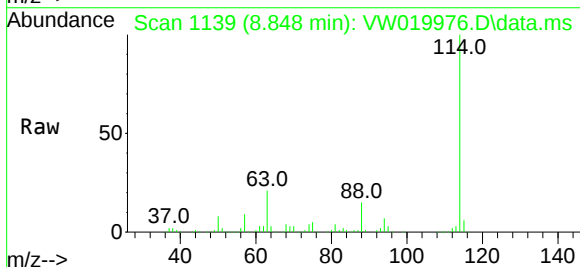
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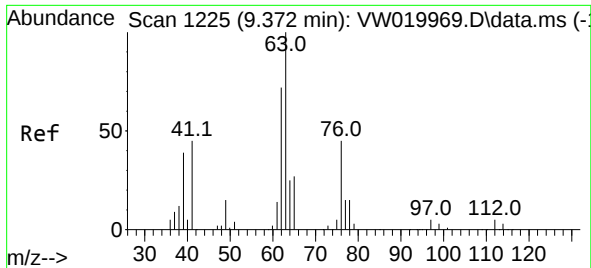
Tgt Ion:117 Resp: 3708  
Ion Ratio Lower Upper  
117 100  
119 10.5 76.5 114.7#



#34  
Trichloroethene  
Concen: 1.91 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW019976.D  
Acq: 01 Sep 2021 16:35

Tgt Ion: 95 Resp: 8285  
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: 2.55 ug/L  
 RT: 9.280 min Scan# 1210  
 Delta R.T. -0.091 min  
 Lab File: VW019976.D  
 Acq: 01 Sep 2021 16:35

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Tgt Ion: 63 Resp: 10567  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.9 5.9#

