

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051724\  
 Data File : VW028634.D  
 Acq On : 17 May 2024 13:10  
 Operator : SY/MD  
 Sample : P2520-06  
 Misc : 4.95g/10mL/MSVOA\_W/SOIL/VIAL A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BHB81

Quant Time: May 17 23:05:39 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 17 23:04:23 2024  
 Response via : Initial Calibration

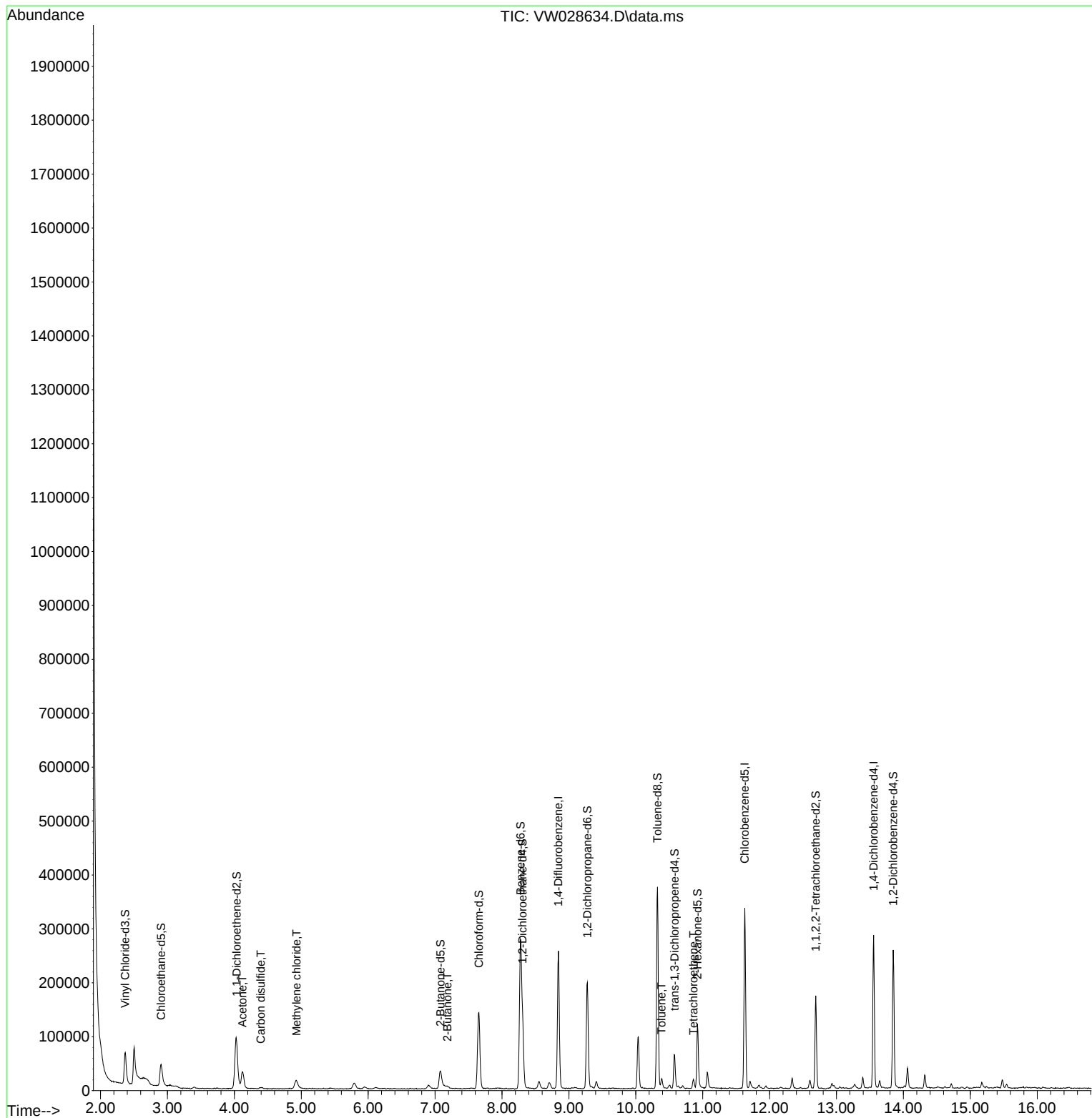
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 199041   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 170414   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 67739    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 75419    | 19.954   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 79.800%  |
| 7) Chloroethane-d5            | 2.905  | 69    | 62104    | 21.459   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.840%  |
| 11) 1,1-Dichloroethene-d2     | 4.033  | 65    | 33774    | 21.388   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 85.560%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 57504    | 58.315   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 116.640% |
| 24) Chloroform-d              | 7.654  | 84    | 144218   | 23.188   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 92.760%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 89534    | 25.145   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 100.600% |
| 32) Benzene-d6                | 8.276  | 84    | 273469   | 24.052   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.200%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 87035    | 25.439   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 101.760% |
| 41) Toluene-d8                | 10.325 | 98    | 232236   | 23.065   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 92.240%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 33976    | 24.686   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 98.760%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 37941    | 64.297   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 128.600% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 80191    | 27.952   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 111.800% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 60444    | 23.411   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 93.640%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.118  | 43    | 54897    | 61.196   | ug/L   | 96       |
| 14) Carbon disulfide          | 4.393  | 76    | 3415     | 0.369    | ug/L   | 96       |
| 16) Methylene chloride        | 4.929  | 84    | 12602    | 4.094    | ug/L   | 88       |
| 22) 2-Butanone                | 7.185  | 43    | 6164     | 5.353    | ug/L   | 99       |
| 42) Toluene                   | 10.386 | 91    | 12714    | 1.114    | ug/L   | 91       |
| 46) Tetrachloroethene         | 10.861 | 164   | 3433     | 1.608    | ug/L   | 92       |

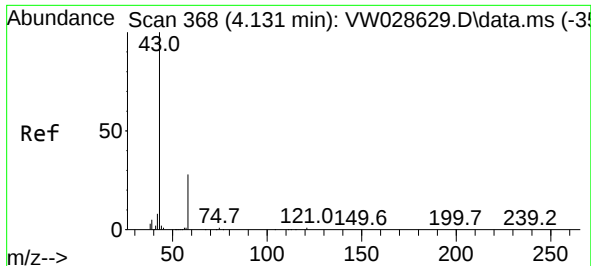
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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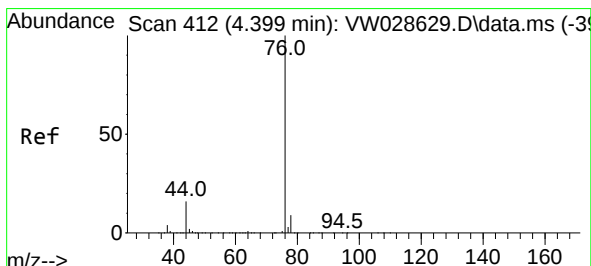
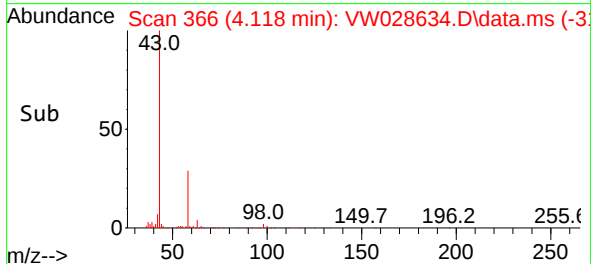
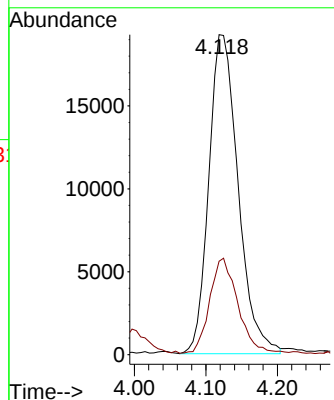
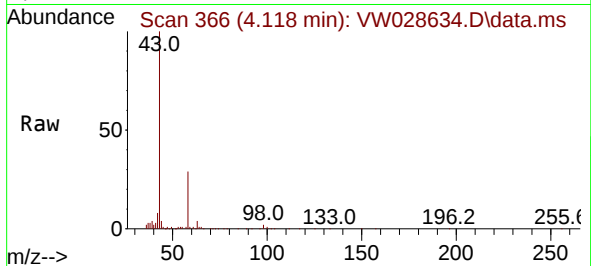




#13  
Acetone  
Concen: 61.196 ug/L  
RT: 4.118 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VW028634.D  
Acq: 17 May 2024 13:10

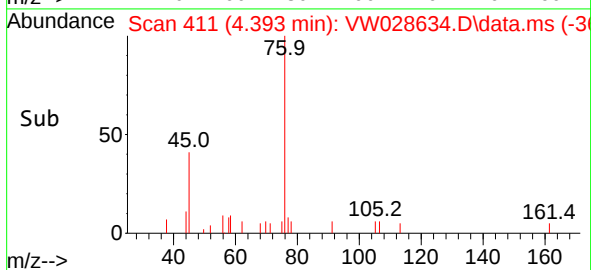
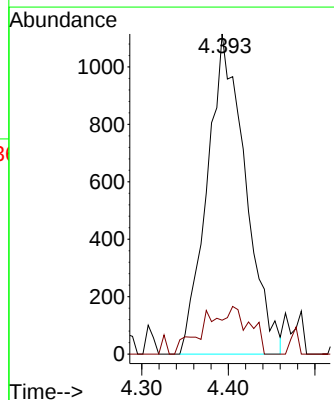
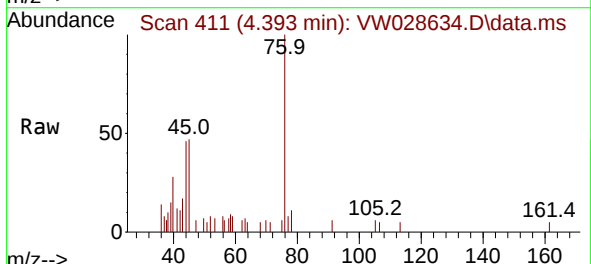
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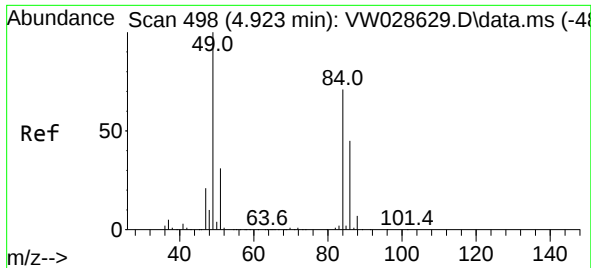
Tgt Ion: 43 Resp: 54897  
Ion Ratio Lower Upper  
43 100  
58 29.1 0.0 54.4



#14  
Carbon disulfide  
Concen: 0.369 ug/L  
RT: 4.393 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VW028634.D  
Acq: 17 May 2024 13:10

Tgt Ion: 76 Resp: 3415  
Ion Ratio Lower Upper  
76 100  
78 10.6 7.4 11.0

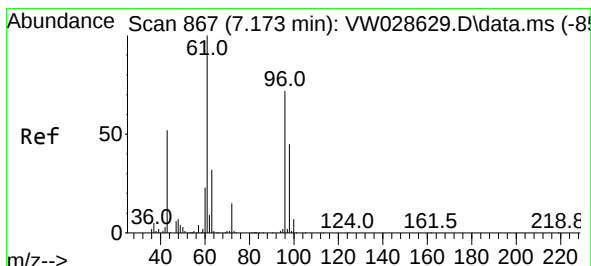
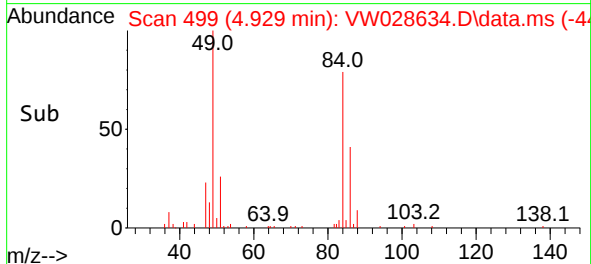
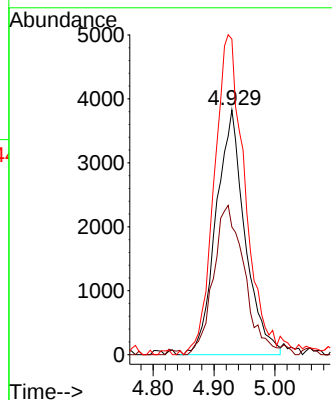
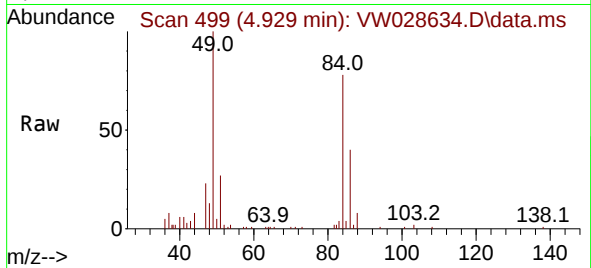




#16  
Methylene chloride  
Concen: 4.094 ug/L  
RT: 4.929 min Scan# 499  
Delta R.T. 0.006 min  
Lab File: VW028634.D  
Acq: 17 May 2024 13:10

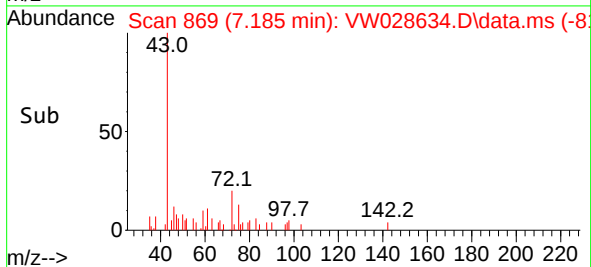
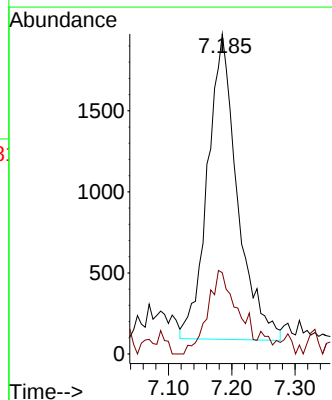
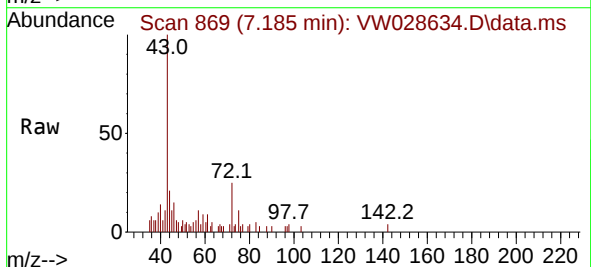
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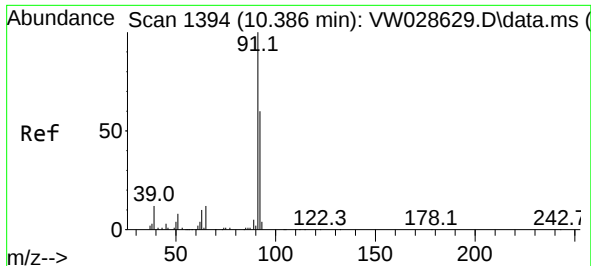
Tgt Ion: 84 Resp: 12602  
Ion Ratio Lower Upper  
84 100  
86 52.2 44.4 82.4  
49 128.9 100.2 186.2



#22  
2-Butanone  
Concen: 5.353 ug/L  
RT: 7.185 min Scan# 869  
Delta R.T. 0.012 min  
Lab File: VW028634.D  
Acq: 17 May 2024 13:10

Tgt Ion: 43 Resp: 6164  
Ion Ratio Lower Upper  
43 100  
72 25.0 12.2 36.6

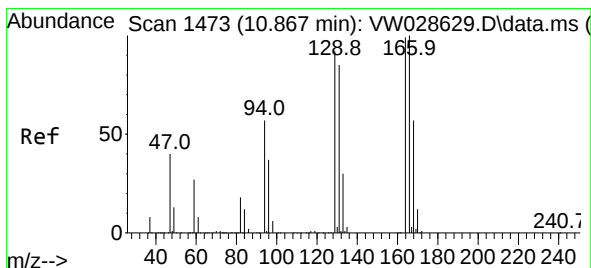
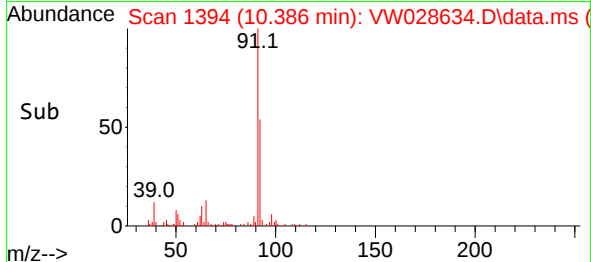
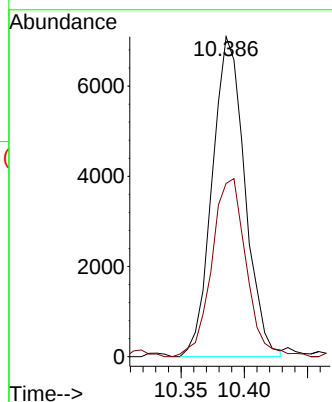
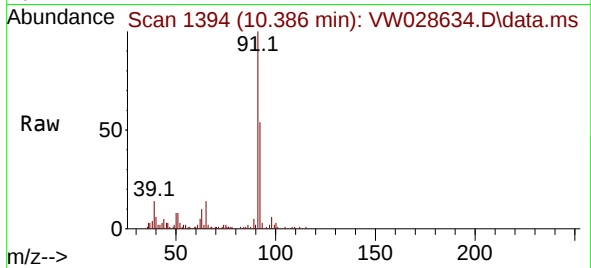




#42  
Toluene  
Concen: 1.114 ug/L  
RT: 10.386 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW028634.D  
Acq: 17 May 2024 13:10

Instrument :  
MSVOA\_W  
ClientSampleId :  
BHB81

Tgt Ion: 91 Resp: 12714  
Ion Ratio Lower Upper  
91 100  
92 54.1 42.5 78.9



#46  
Tetrachloroethene  
Concen: 1.608 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.006 min  
Lab File: VW028634.D  
Acq: 17 May 2024 13:10

Tgt Ion:164 Resp: 3433  
Ion Ratio Lower Upper  
164 100  
129 108.5 69.2 128.6  
131 100.6 67.7 125.7  
166 117.9 89.7 166.7

