

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050321\  
 Data File : VW018899.D  
 Acq On : 03 May 2021 15:21  
 Operator : SY/VA  
 Sample : M2209-12  
 Misc : 5.96G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 04 01:17:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue May 04 01:15:32 2021  
 Response via : Initial Calibration

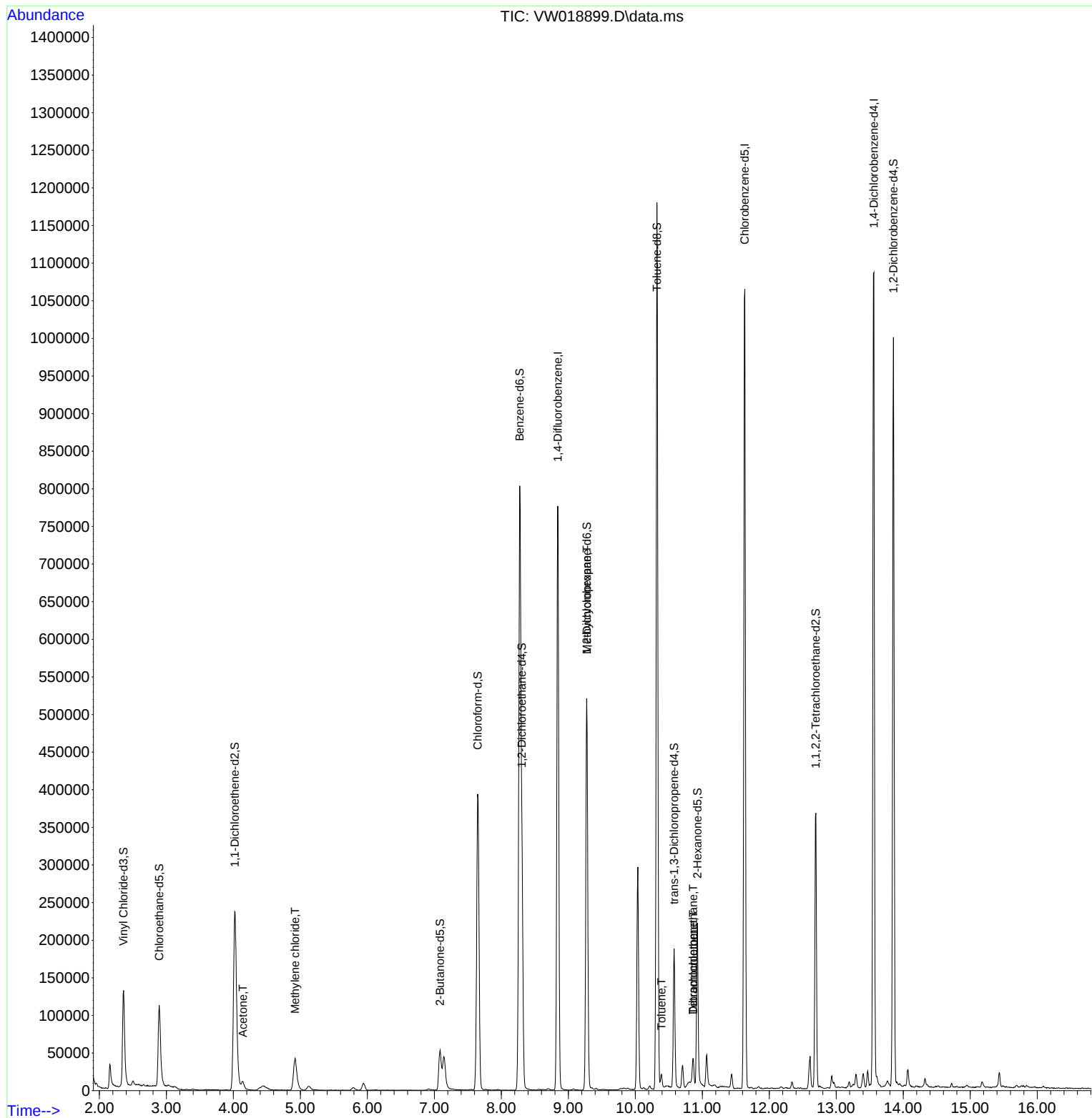
| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 636268     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 586422     | 25.00  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 278867     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 176936     | 21.68  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 86.72% |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 148009     | 23.40  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 93.60% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 279849     | 17.27  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 69.08% |        |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 89499      | 42.10  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 84.20% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 400569     | 23.99  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 95.96% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 222179     | 23.82  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 95.28% |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 812281     | 24.51  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 98.04% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 237533     | 24.16  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 96.64% |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 753415     | 24.38  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 97.52% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 99219      | 22.21  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 88.84% |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 75767      | 43.05  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 86.10% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 182364     | 21.89  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 87.56% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 236498     | 24.75  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 99.00% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 4.141          | 43   | 18779      | 11.53  | ug/L   | 89       |
| 16) Methylene chloride        | 4.922          | 84   | 38154      | 3.63   | ug/L   | 92       |
| 35) Methylcyclohexane         | 9.274          | 83   | 59976      | 3.64   | ug/L # | 20       |
| 42) Toluene                   | 10.390         | 91   | 11857      | 0.31   | ug/L   | 83       |
| 46) Tetrachloroethene         | 10.866         | 164  | 7349       | 1.04   | ug/L   | 96       |
| 49) Dibromochloromethane      | 10.866         | 129  | 6907       | 0.95   | ug/L # | 13       |
| -----                         |                |      |            |        |        |          |

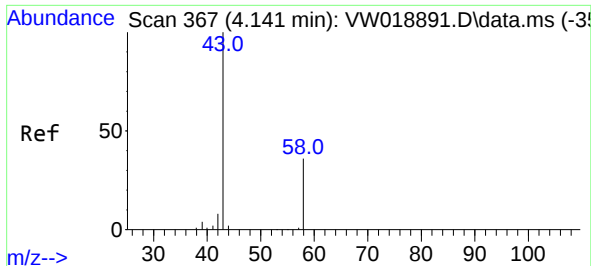
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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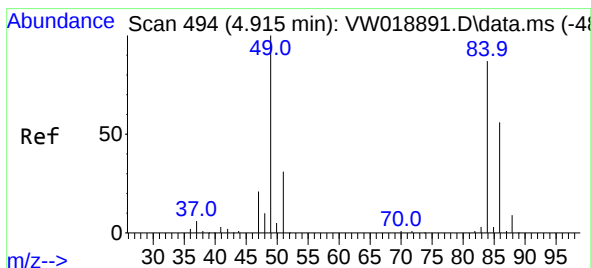
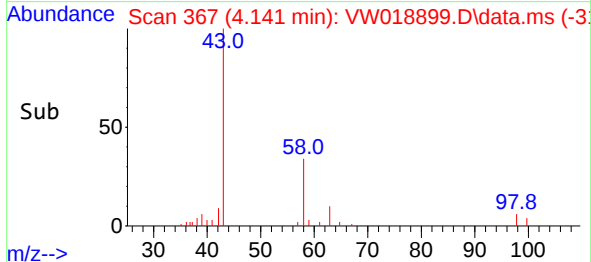
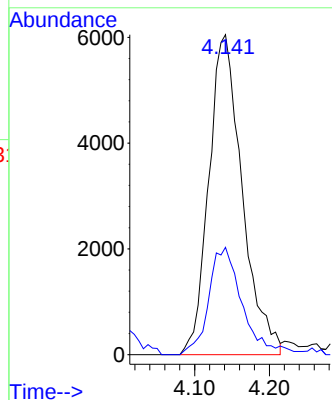
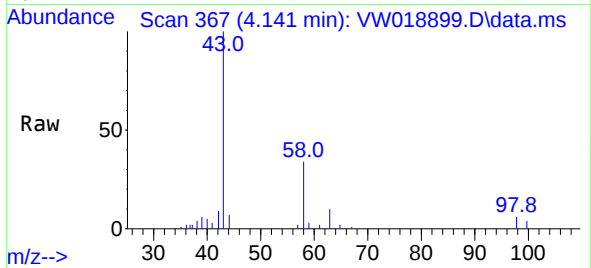




#13  
Acetone  
Concen: 11.53 ug/L  
RT: 4.141 min Scan# 367  
Delta R.T. 0.000 min  
Lab File: VW018899.D  
Acq: 03 May 2021 15:21

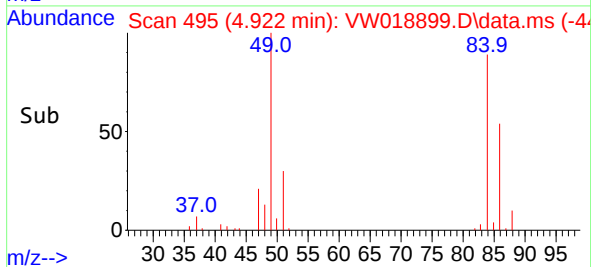
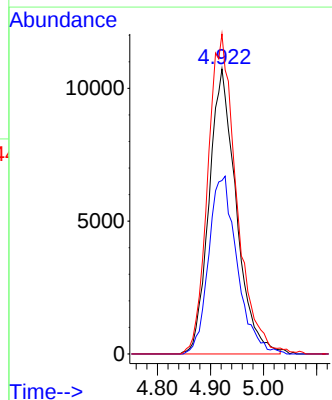
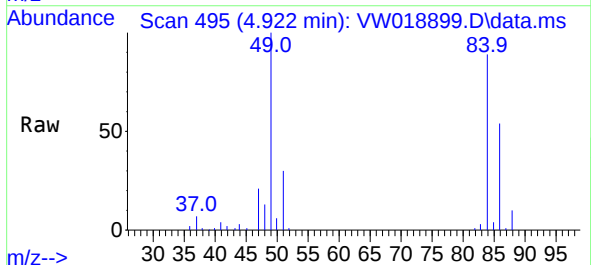
Instrument :  
MSVOA\_W  
ClientSampled :

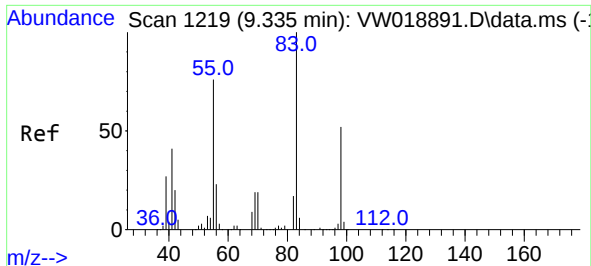
Tgt Ion: 43 Resp: 18779  
Ion Ratio Lower Upper  
43 100  
58 32.6 0.0 53.8



#16  
Methylene chloride  
Concen: 3.63 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW018899.D  
Acq: 03 May 2021 15:21

Tgt Ion: 84 Resp: 38154  
Ion Ratio Lower Upper  
84 100  
86 60.8 45.3 84.1  
49 112.2 86.6 160.8

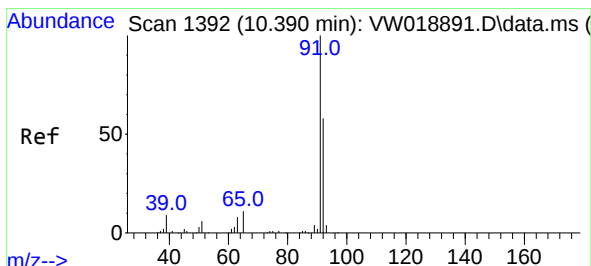
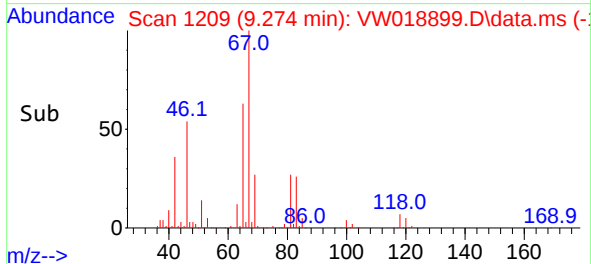
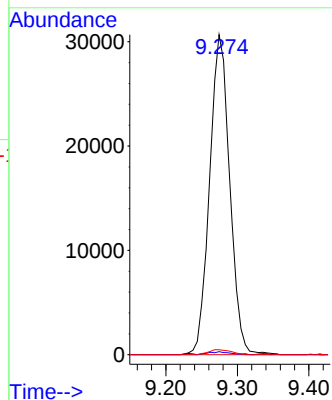
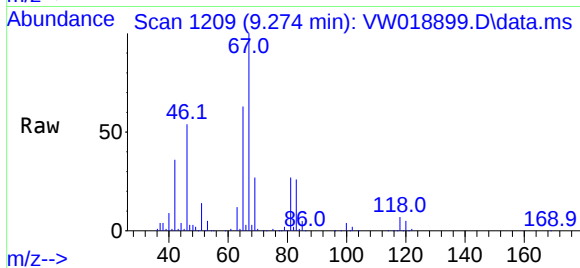




#35  
Methylcyclohexane  
Concen: 3.64 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW018899.D  
Acq: 03 May 2021 15:21

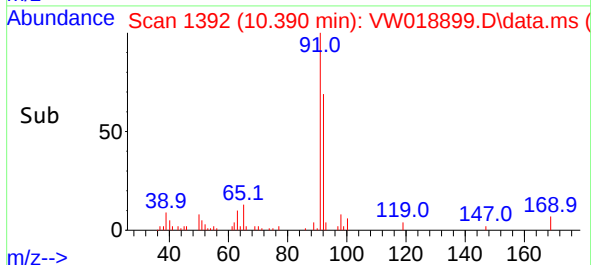
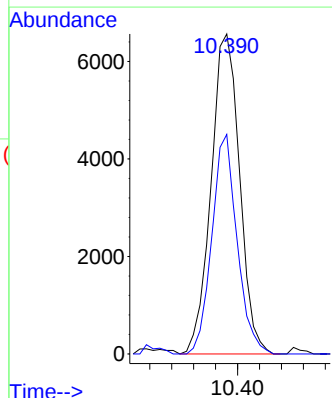
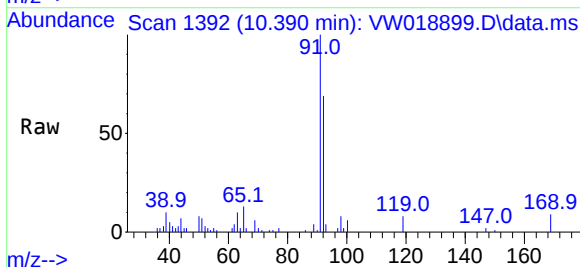
Instrument :  
MSVOA\_W  
ClientSampled :

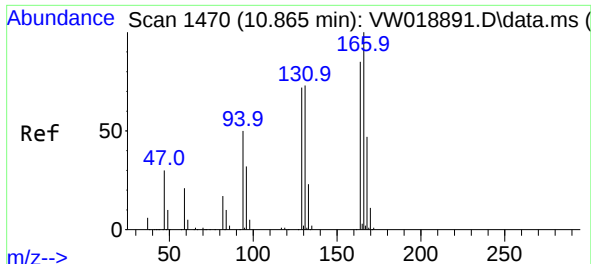
Tgt Ion: 83 Resp: 59976  
Ion Ratio Lower Upper  
83 100  
55 1.0 58.9 88.3#  
98 1.7 40.1 60.1#



#42  
Toluene  
Concen: 0.31 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW018899.D  
Acq: 03 May 2021 15:21

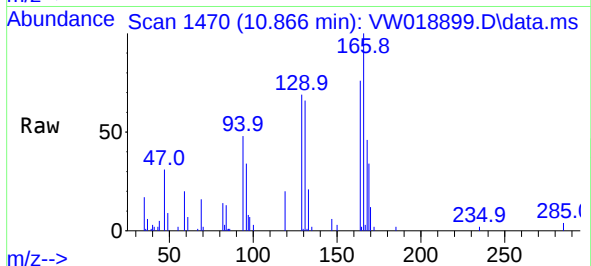
Tgt Ion: 91 Resp: 11857  
Ion Ratio Lower Upper  
91 100  
92 68.6 39.5 73.3



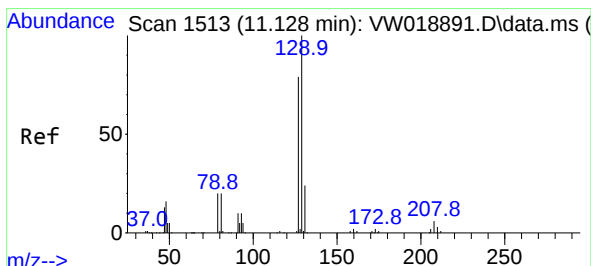
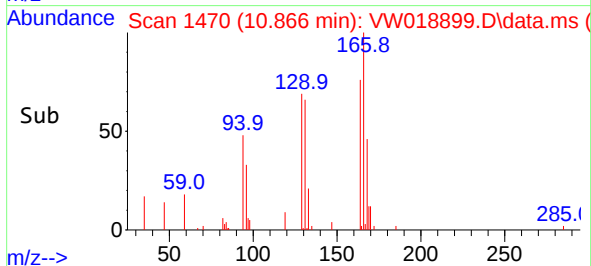
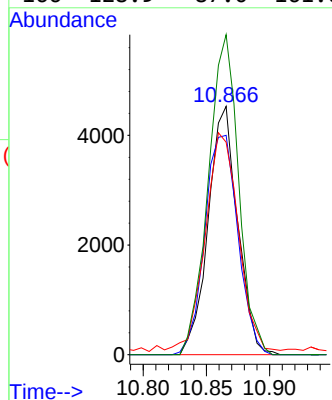


#46  
Tetrachloroethene  
Concen: 1.04 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VW018899.D  
Acq: 03 May 2021 15:21

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion:164 Resp: 7349  
Ion Ratio Lower Upper  
164 100  
129 88.3 66.7 123.9  
131 85.6 61.1 113.5  
166 128.9 87.0 161.6



#49  
Dibromochloromethane  
Concen: 0.95 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.262 min  
Lab File: VW018899.D  
Acq: 03 May 2021 15:21

Tgt Ion:129 Resp: 6907  
Ion Ratio Lower Upper  
129 100  
127 0.0 51.7 95.9#

