

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062023\  
 Data File : VW026266.D  
 Acq On : 20 Jun 2023 13:44  
 Operator : SY/MD  
 Sample : 03334-04  
 Misc : 5.60g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW01

Quant Time: Jun 21 01:12:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 21 01:09:17 2023  
 Response via : Initial Calibration

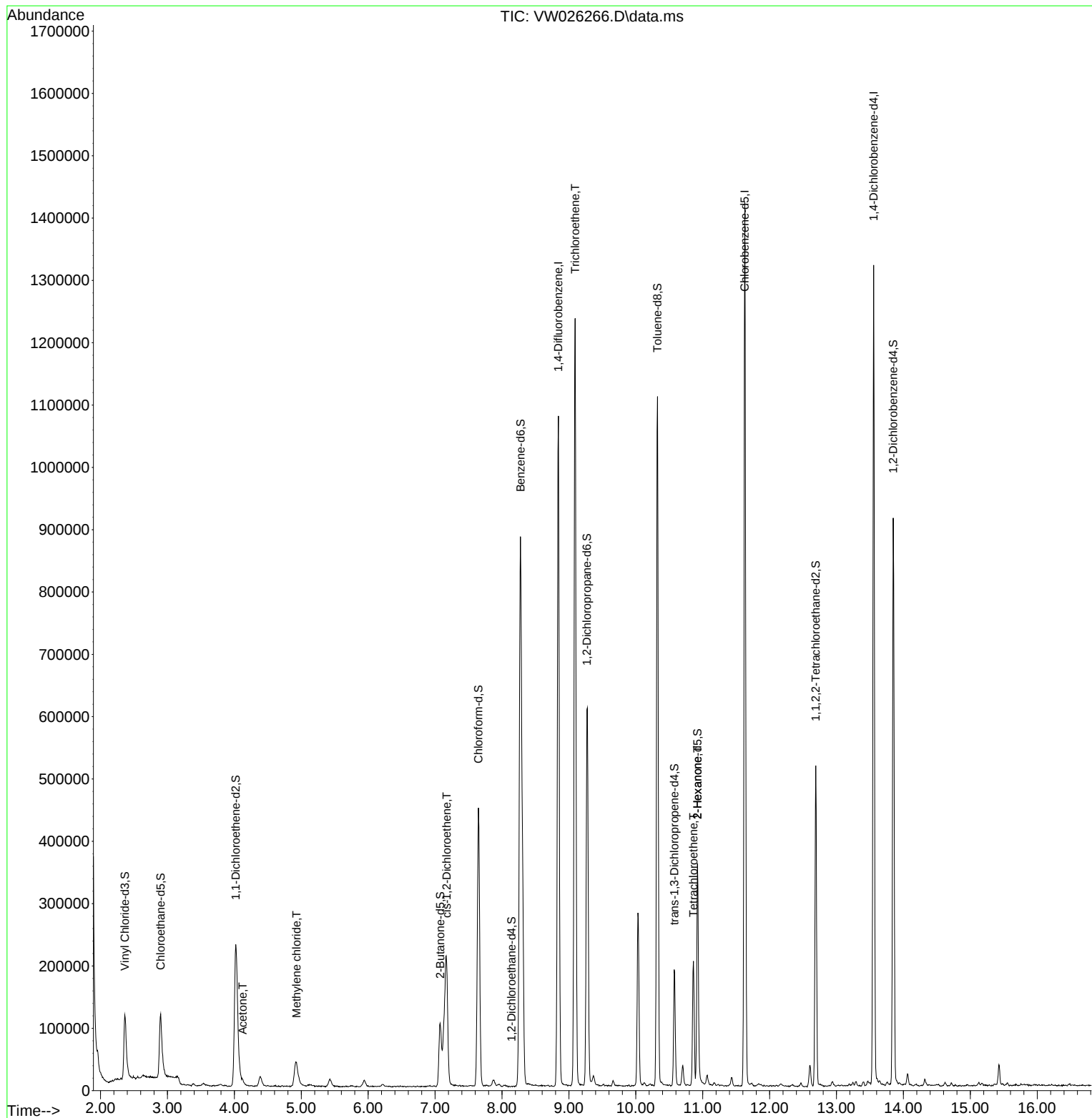
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 838452   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 719707   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 306901   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 169421   | 14.363   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 57.440%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 162979   | 18.458   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.840%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 88234    | 15.171   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 60.680%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 184935   | 53.854   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 107.700% |
| 24) Chloroform-d              | 7.648  | 84    | 444298   | 18.095   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 72.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.142  | 65    | 124      | 0.009    | ug/L   | -0.16    |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.040%#  |
| 32) Benzene-d6                | 8.276  | 84    | 867277   | 17.909   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 71.640%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 293389   | 19.123   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 76.480%  |
| 41) Toluene-d8                | 10.325 | 98    | 699141   | 16.279   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 65.120%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 100401   | 16.514   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 66.040%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 115744   | 47.844   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 95.680%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 257877   | 23.098   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 218193   | 18.575   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 74.280%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.125  | 43    | 8103     | 3.050    | ug/L   | 86       |
| 16) Methylene chloride        | 4.929  | 84    | 34876    | 2.606    | ug/L   | 93       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96    | 111714   | 8.805    | ug/L   | 96       |
| 34) Trichloroethene           | 9.093  | 95    | 431350   | 34.168   | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.861 | 164   | 43022    | 4.818    | ug/L   | 94       |
| 48) 2-Hexanone                | 10.922 | 43    | 16048    | 2.891    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

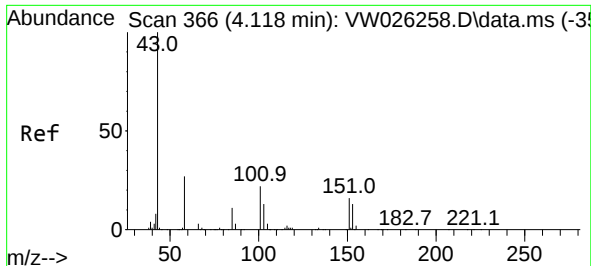
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 21 01:09:17 2023  
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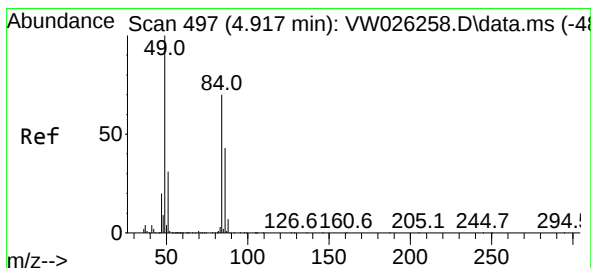
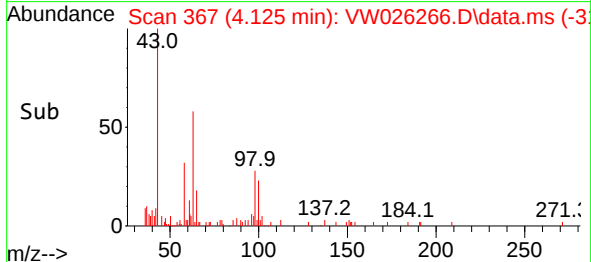
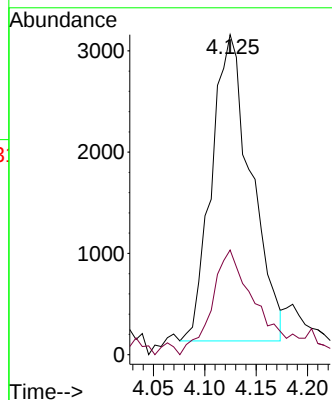
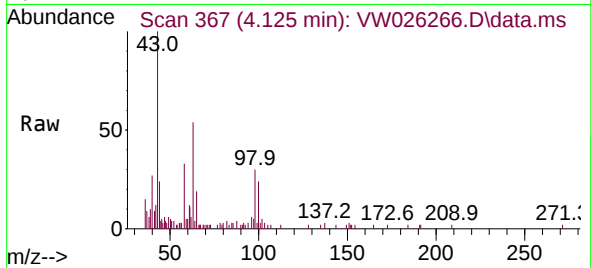




#13  
Acetone  
Concen: 3.050 ug/L  
RT: 4.125 min Scan# 367  
Delta R.T. 0.006 min  
Lab File: VW026266.D  
Acq: 20 Jun 2023 13:44

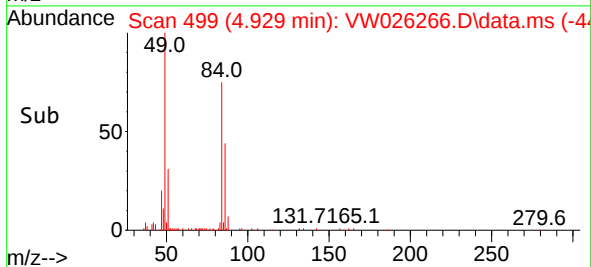
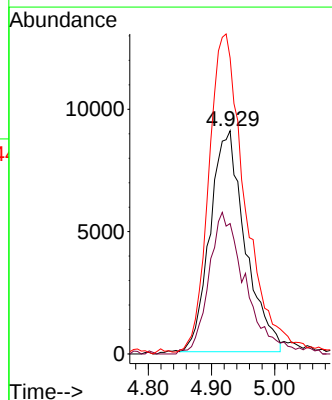
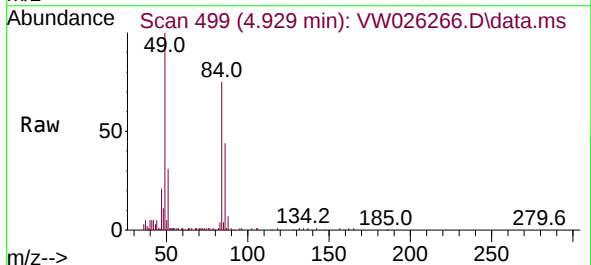
Instrument :  
MSVOA\_W  
ClientSampleId :  
YBW01

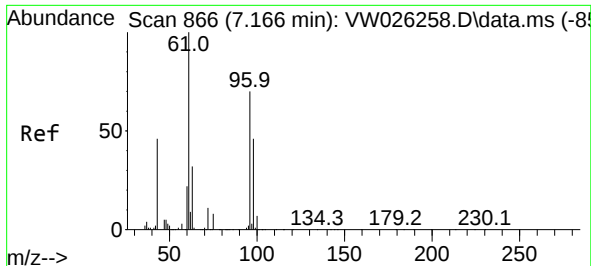
Tgt Ion: 43 Resp: 8103  
Ion Ratio Lower Upper  
43 100  
58 36.4 0.0 58.2



#16  
Methylene chloride  
Concen: 2.606 ug/L  
RT: 4.929 min Scan# 499  
Delta R.T. 0.013 min  
Lab File: VW026266.D  
Acq: 20 Jun 2023 13:44

Tgt Ion: 84 Resp: 34876  
Ion Ratio Lower Upper  
84 100  
86 58.4 44.2 82.0  
49 132.5 98.8 183.6

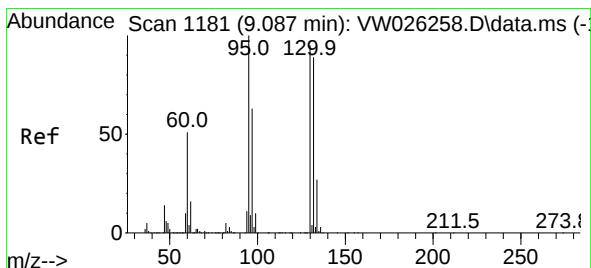
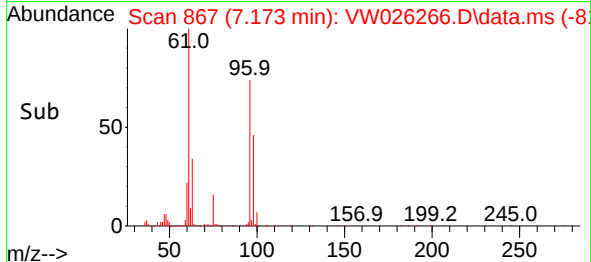
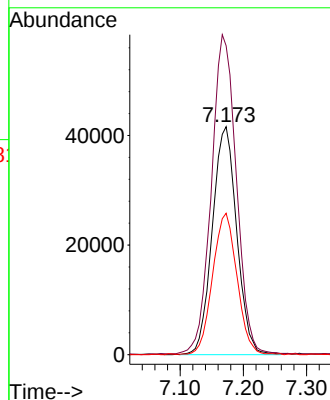
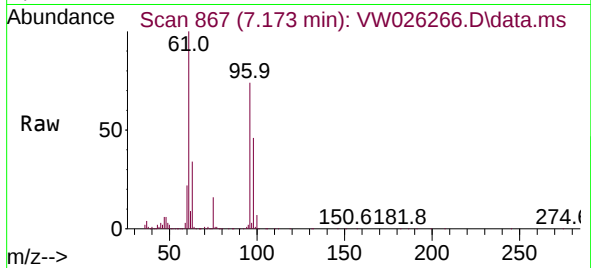




#20  
 cis-1,2-Dichloroethene  
 Concen: 8.805 ug/L  
 RT: 7.173 min Scan# 867  
 Delta R.T. 0.006 min  
 Lab File: VW026266.D  
 Acq: 20 Jun 2023 13:44

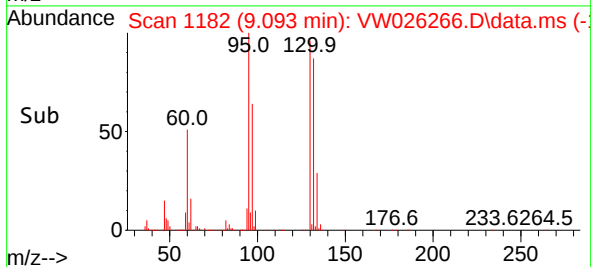
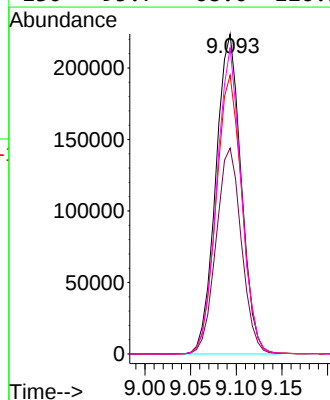
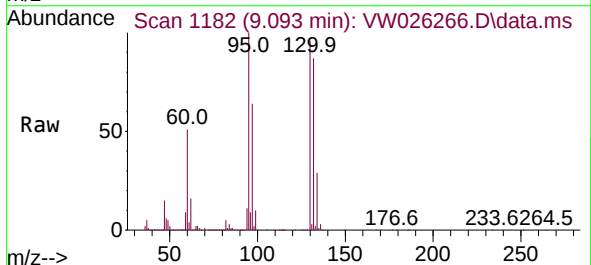
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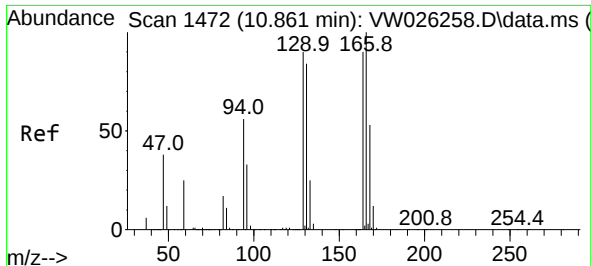
Tgt Ion: 96 Resp: 111714  
 Ion Ratio Lower Upper  
 96 100  
 61 135.5 98.4 182.8  
 98 62.1 45.2 84.0



#34  
 Trichloroethene  
 Concen: 34.168 ug/L  
 RT: 9.093 min Scan# 1182  
 Delta R.T. 0.006 min  
 Lab File: VW026266.D  
 Acq: 20 Jun 2023 13:44

Tgt Ion: 95 Resp: 431350  
 Ion Ratio Lower Upper  
 95 100  
 97 64.4 45.9 85.3  
 132 87.1 67.1 124.7  
 130 95.7 68.0 126.2

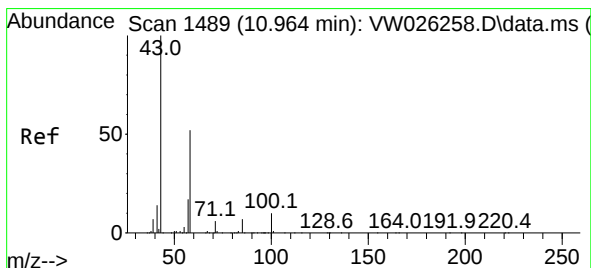
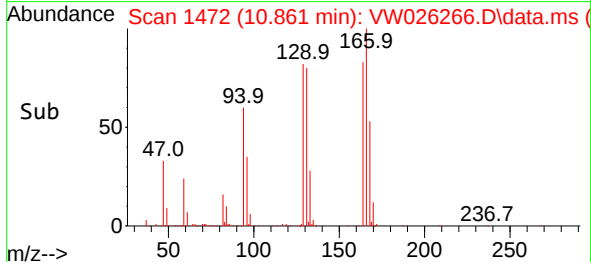
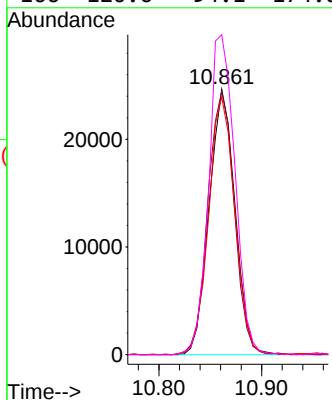
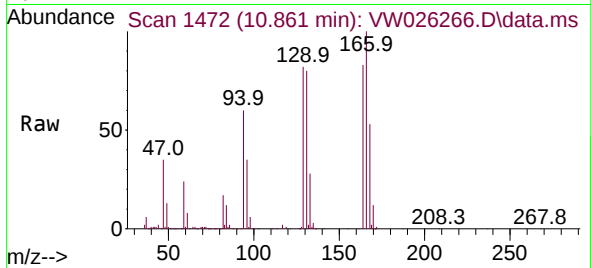




#46  
Tetrachloroethene  
Concen: 4.818 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VW026266.D  
Acq: 20 Jun 2023 13:44

Instrument :  
MSVOA\_W  
ClientSampleId :  
YBW01

Tgt Ion:164 Resp: 43022  
Ion Ratio Lower Upper  
164 100  
129 99.3 68.5 127.1  
131 97.0 67.1 124.7  
166 120.6 94.1 174.8



#48  
2-Hexanone  
Concen: 2.891 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.042 min  
Lab File: VW026266.D  
Acq: 20 Jun 2023 13:44

Tgt Ion: 43 Resp: 16048  
Ion Ratio Lower Upper  
43 100  
58 23.8 42.2 63.2#  
57 30.4 14.2 21.2#  
100 2.3 8.3 12.5#

