

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122124\  
 Data File : VW031484.D  
 Acq On : 22 Dec 2024 02:29  
 Operator : SY/MD  
 Sample : P5322-05  
 Misc : 4.38g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 23 02:14:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Dec 23 01:56:19 2024  
 Response via : Initial Calibration

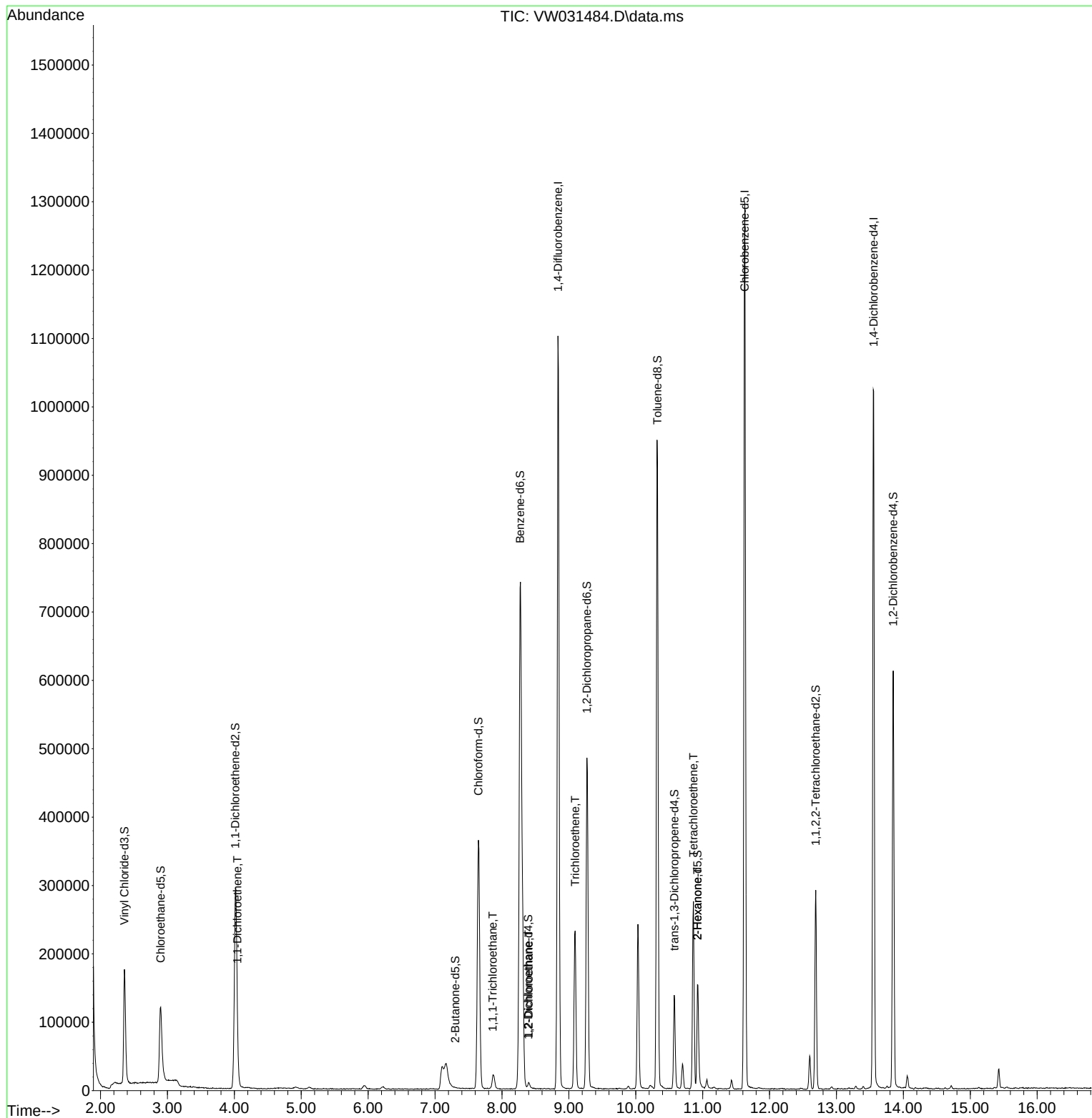
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 909968   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 716102   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 271062   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.357  | 65    | 209938   | 15.333   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 61.320%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 171600   | 16.943   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 67.760%  |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 89444    | 13.772   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 55.080%  |
| 21) 2-Butanone-d5             | 7.301  | 46    | 330      | 0.128    | ug/L   | 0.20     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 0.260%#  |
| 24) Chloroform-d              | 7.648  | 84    | 373556   | 14.983   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 59.920%  |
| 26) 1,2-Dichloroethane-d4     | 8.392  | 65    | 564      | 0.045    | ug/L   | 0.09     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.200%#  |
| 32) Benzene-d6                | 8.270  | 84    | 763510   | 16.635   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 66.520%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 221501   | 16.559   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 66.240%# |
| 41) Toluene-d8                | 10.325 | 98    | 641314   | 15.019   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 60.080%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 74677    | 12.107   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 48.440%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 56322    | 31.308   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 62.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 139684   | 16.631   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 66.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 152746   | 15.179   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 60.720%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.045  | 96    | 16417    | 1.472    | ug/L # | 1        |
| 27) 1,2-Dichloroethane        | 8.398  | 62    | 7031     | 0.504    | ug/L # | 93       |
| 30) 1,1,1-Trichloroethane     | 7.862  | 97    | 9520     | 0.514    | ug/L # | 34       |
| 34) Trichloroethene           | 9.093  | 95    | 83450    | 6.679    | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.861 | 164   | 57702    | 6.305    | ug/L   | 95       |
| 48) 2-Hexanone                | 10.922 | 43    | 7876     | 1.581    | ug/L # | 72       |
| -----                         |        |       |          |          |        |          |

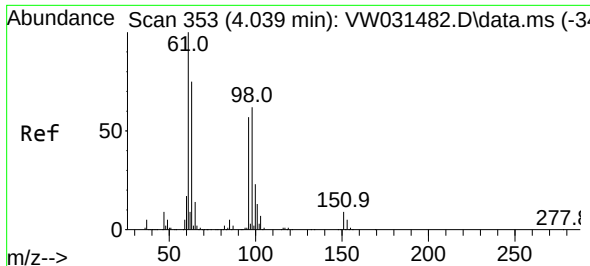
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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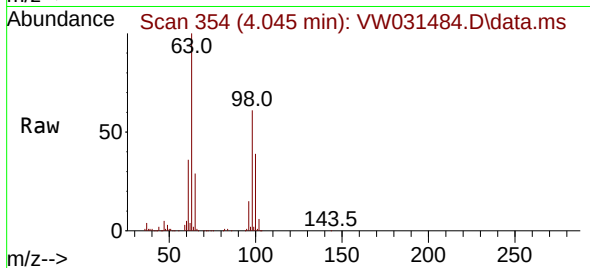
Quant Time: Dec 23 02:14:09 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon Dec 23 01:56:19 2024  
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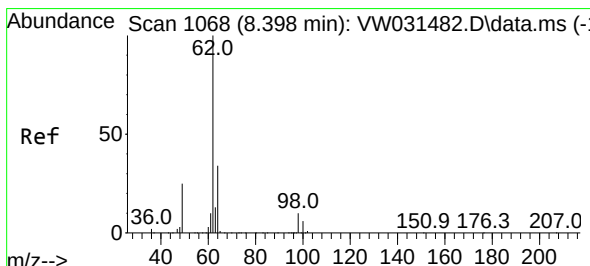
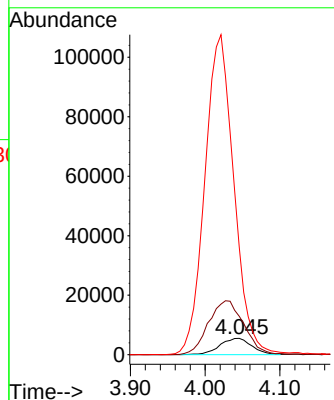
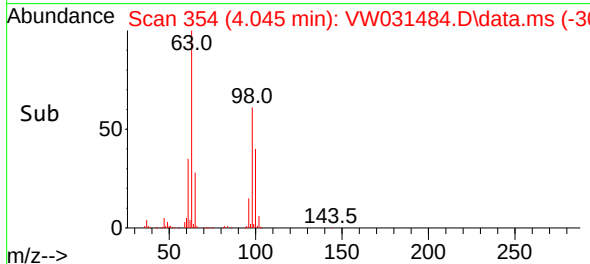


#12  
 1,1-Dichloroethene  
 Concen: 1.472 ug/L  
 RT: 4.045 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: VW031484.D  
 Acq: 22 Dec 2024 02:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :

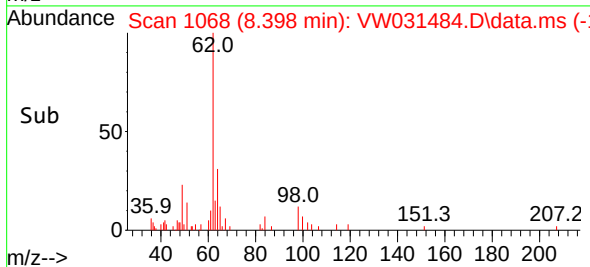
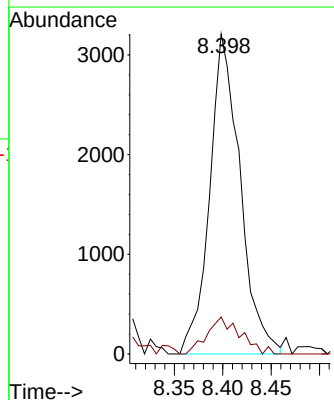
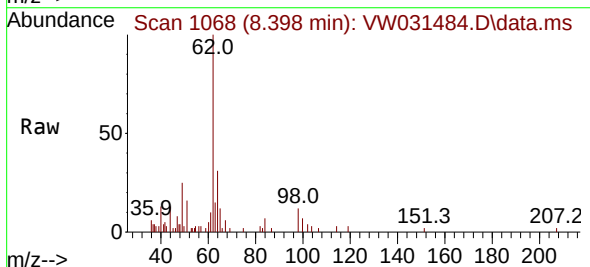


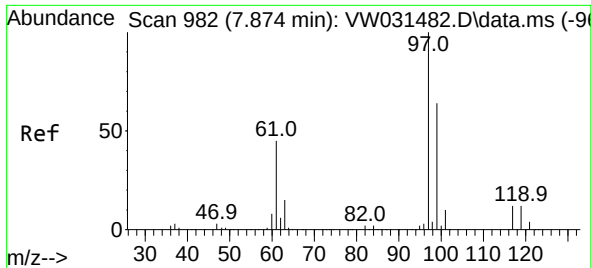
Tgt Ion: 96 Resp: 16417  
 Ion Ratio Lower Upper  
 96 100  
 61 235.1 125.3 232.7#  
 63 660.2 104.6 194.2#



#27  
 1,2-Dichloroethane  
 Concen: 0.504 ug/L  
 RT: 8.398 min Scan# 1068  
 Delta R.T. 0.000 min  
 Lab File: VW031484.D  
 Acq: 22 Dec 2024 02:29

Tgt Ion: 62 Resp: 7031  
 Ion Ratio Lower Upper  
 62 100  
 98 11.6 7.2 10.8#

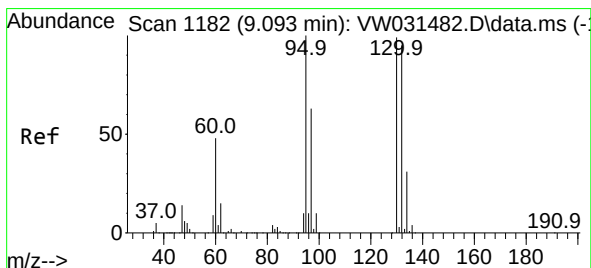
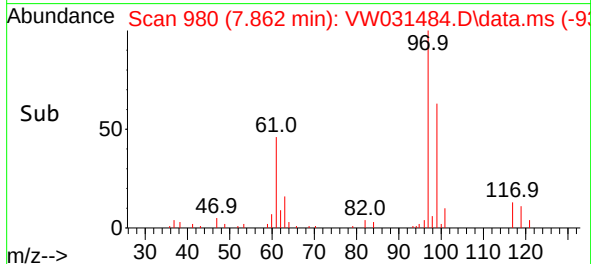
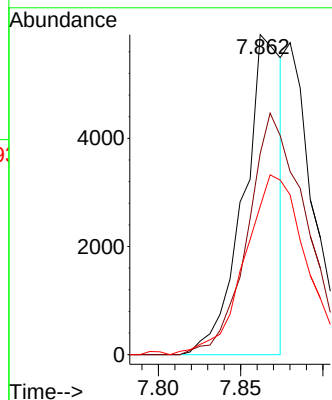
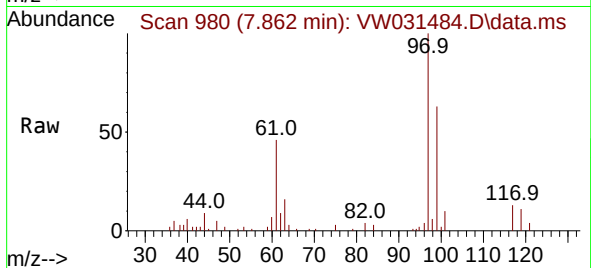




#30  
1,1,1-Trichloroethane  
Concen: 0.514 ug/L  
RT: 7.862 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VW031484.D  
Acq: 22 Dec 2024 02:29

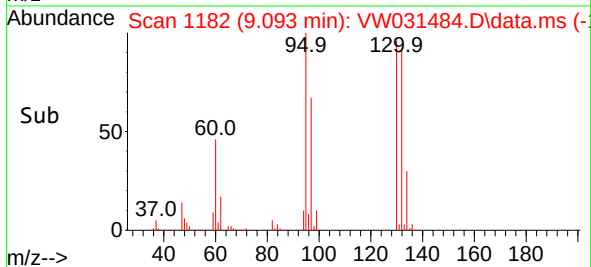
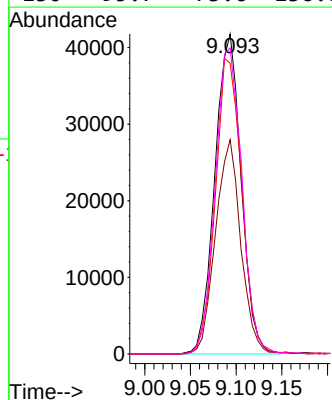
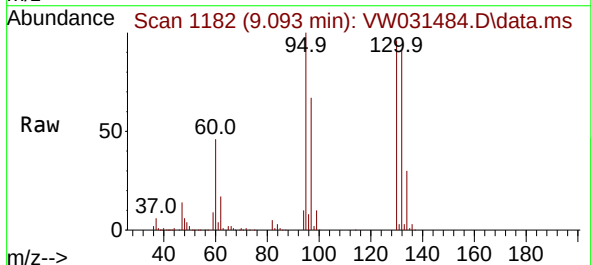
Instrument :  
MSVOA\_W  
ClientSampleId :

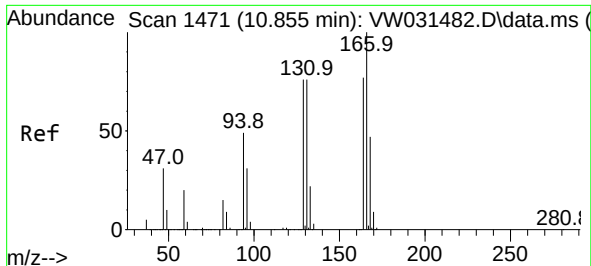
Tgt Ion: 97 Resp: 9520  
Ion Ratio Lower Upper  
97 100  
99 114.7 51.1 76.7#  
61 90.4 36.3 54.5#



#34  
Trichloroethene  
Concen: 6.679 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: VW031484.D  
Acq: 22 Dec 2024 02:29

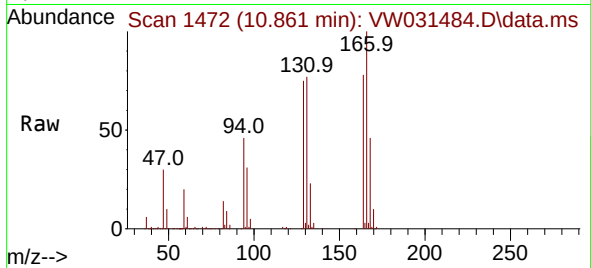
Tgt Ion: 95 Resp: 83450  
Ion Ratio Lower Upper  
95 100  
97 66.9 46.5 86.3  
132 90.9 70.3 130.5  
130 95.7 73.6 136.8



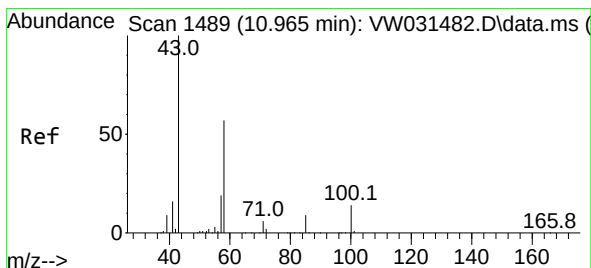
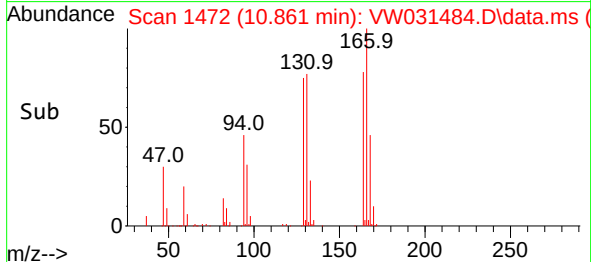
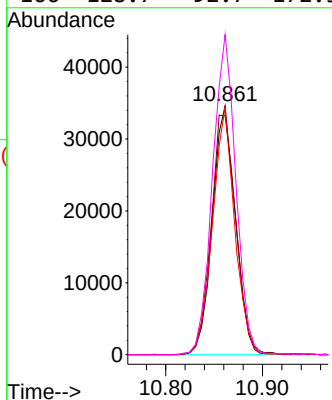


#46  
Tetrachloroethene  
Concen: 6.305 ug/L  
RT: 10.861 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VW031484.D  
Acq: 22 Dec 2024 02:29

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion:164 Resp: 57702  
Ion Ratio Lower Upper  
164 100  
129 96.1 73.5 136.5  
131 99.5 66.6 123.8  
166 128.7 92.7 172.3



#48  
2-Hexanone  
Concen: 1.581 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW031484.D  
Acq: 22 Dec 2024 02:29

Tgt Ion: 43 Resp: 7876  
Ion Ratio Lower Upper  
43 100  
58 28.7 43.0 64.6#  
57 22.9 15.7 23.5  
100 0.6 10.3 15.5#

