

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011322\  
 Data File : VW021883.D  
 Acq On : 13 Jan 2022 11:50  
 Operator : SY/VA  
 Sample : N1114-10  
 Misc : 6.15g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLQ2

Quant Time: Jan 14 00:54:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 23:48:31 2022  
 Response via : Initial Calibration

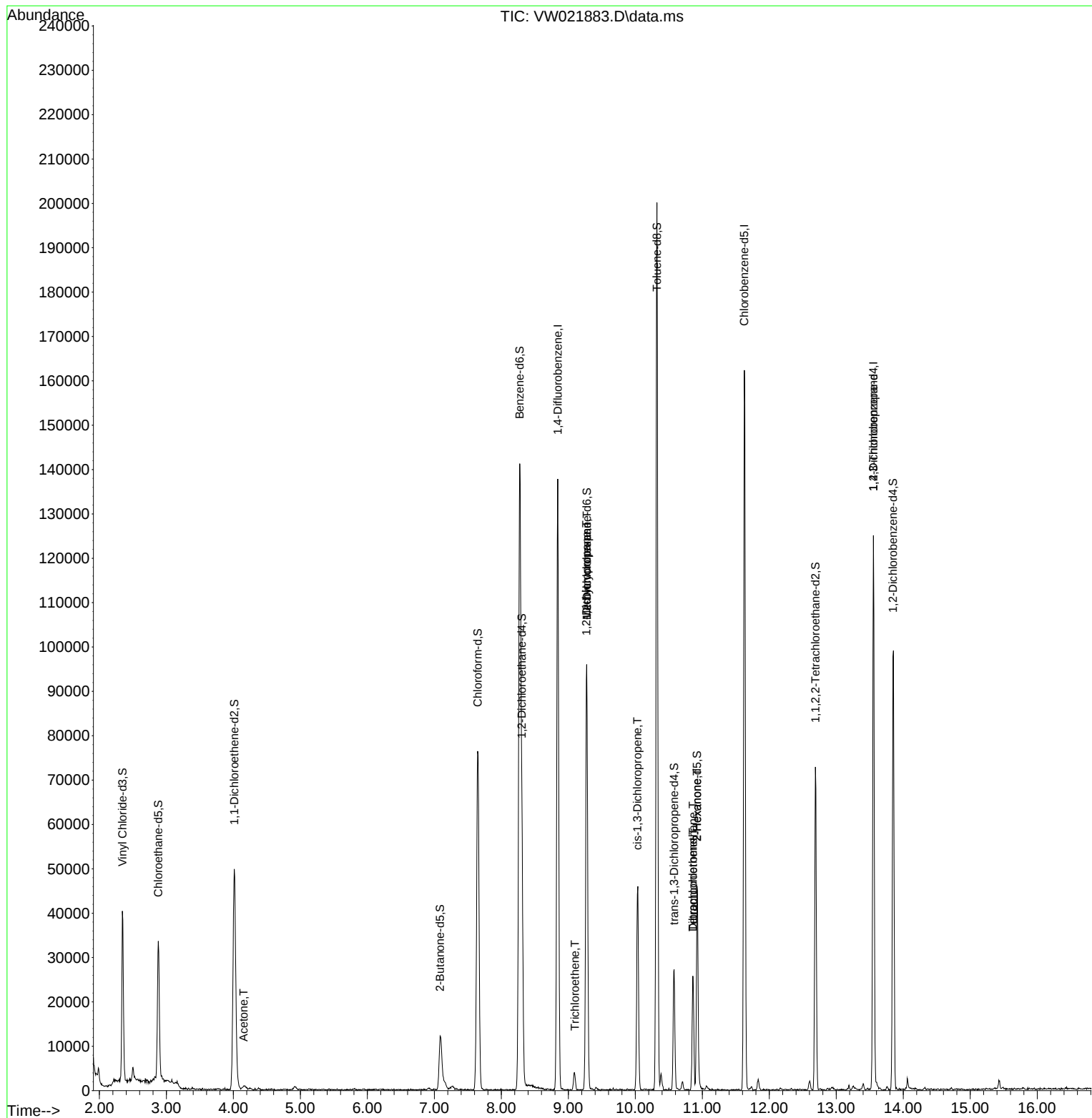
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 121581   | 25.000   | ug/L   | # 0.00    |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 100410   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 33681    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 36315    | 16.070   | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 64.280%   |
| 7) Chloroethane-d5            | 2.879  | 69    | 33565    | 16.448   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.800%   |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 45432    | 12.734   | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 50.920%   |
| 21) 2-Butanone-d5             | 7.086  | 46    | 21937    | 68.777   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 137.560%# |
| 24) Chloroform-d              | 7.647  | 84    | 80006    | 20.369   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 81.480%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 42443    | 22.377   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 89.520%   |
| 32) Benzene-d6                | 8.275  | 84    | 153814   | 23.608   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 94.440%   |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 42965    | 25.019   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 100.080%  |
| 41) Toluene-d8                | 10.323 | 98    | 138416   | 21.074   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 84.280%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 15260    | 20.930   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.720%   |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 16691    | 71.629   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 143.260%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 33169    | 24.701   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 98.800%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 28691    | 20.717   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 82.880%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.154  | 43    | 1295     | 4.914    | ug/L   | 94        |
| 34) Trichloroethene           | 9.098  | 95    | 1340     | 0.750    | ug/L   | # 75      |
| 35) Methylcyclohexane         | 9.275  | 83    | 11760    | 4.003    | ug/L   | # 15      |
| 37) 1,2-Dichloropropane       | 9.268  | 63    | 5183     | 3.864    | ug/L   | # 88      |
| 39) cis-1,3-Dichloropropene   | 10.031 | 75    | 1450     | 0.696    | ug/L   | # 69      |
| 46) Tetrachloroethene         | 10.860 | 164   | 6308     | 3.571    | ug/L   | 92        |
| 48) 2-Hexanone                | 10.921 | 43    | 1823     | 4.229    | ug/L   | # 68      |
| 49) Dibromochloromethane      | 10.860 | 129   | 5026     | 3.503    | ug/L   | # 10      |
| 61) 1,2,3-Trichloropropane    | 13.554 | 75    | 3589     | 7.456    | ug/L   | # 71      |
| -----                         |        |       |          |          |        |           |

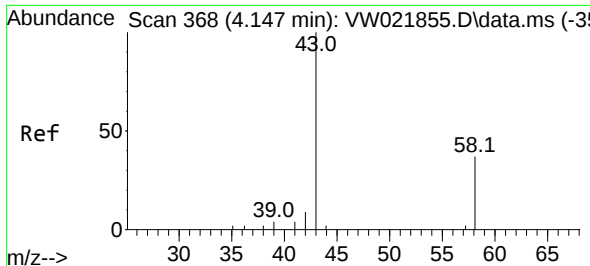
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Jan 14 00:54:19 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Jan 12 23:48:31 2022  
Response via : Initial Calibration

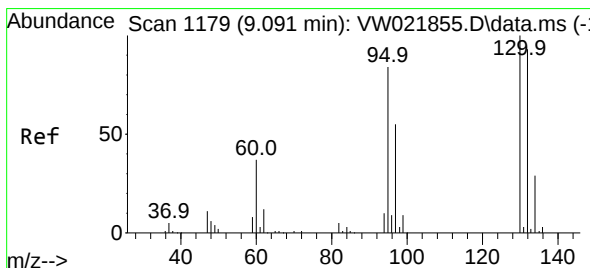
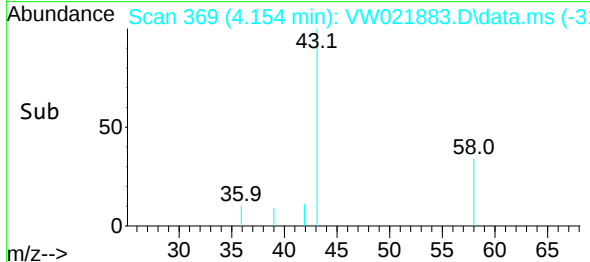
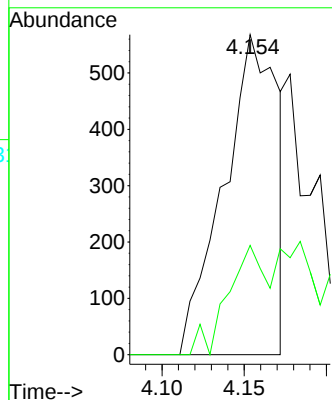
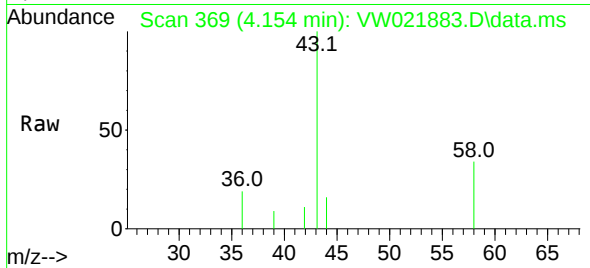




#13  
Acetone  
Concen: 4.914 ug/L  
RT: 4.154 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW021883.D  
Acq: 13 Jan 2022 11:50

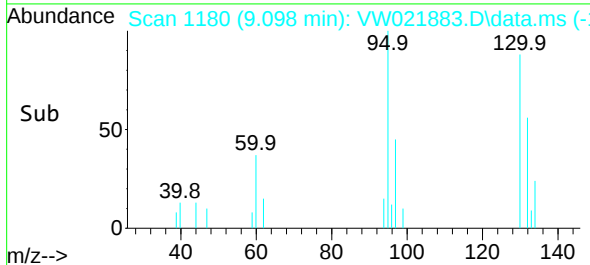
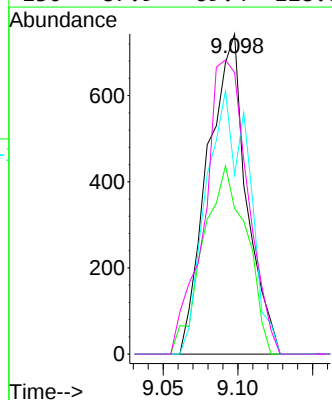
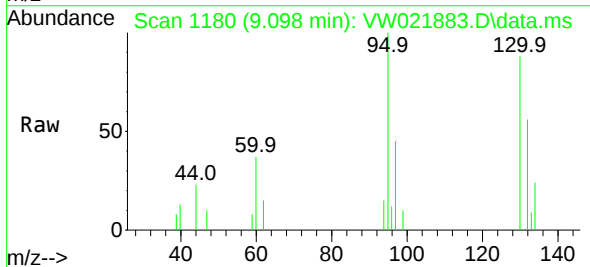
Instrument :  
MSVOA\_W  
ClientSampleId :  
BGLQ2

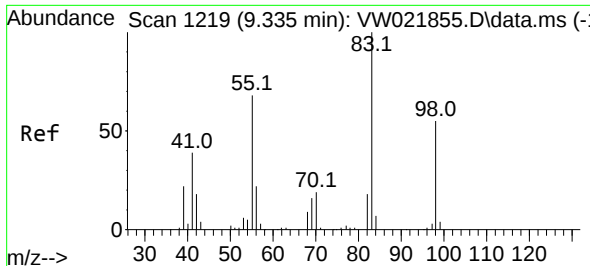
Tgt Ion: 43 Resp: 1295  
Ion Ratio Lower Upper  
43 100  
58 23.1 0.0 52.8



#34  
Trichloroethene  
Concen: 0.750 ug/L  
RT: 9.098 min Scan# 1180  
Delta R.T. 0.006 min  
Lab File: VW021883.D  
Acq: 13 Jan 2022 11:50

Tgt Ion: 95 Resp: 1340  
Ion Ratio Lower Upper  
95 100  
97 45.5 47.0 87.2#  
132 56.0 65.5 121.6#  
130 87.9 69.4 128.8

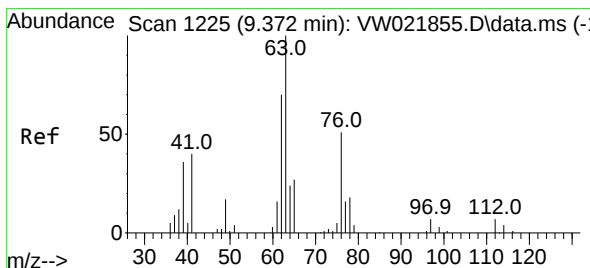
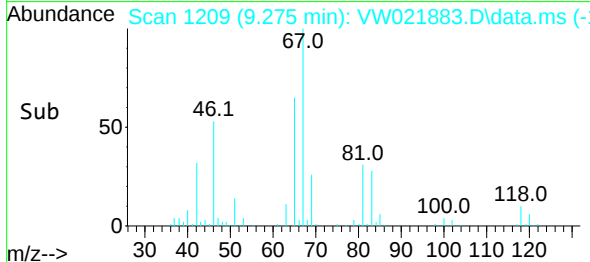
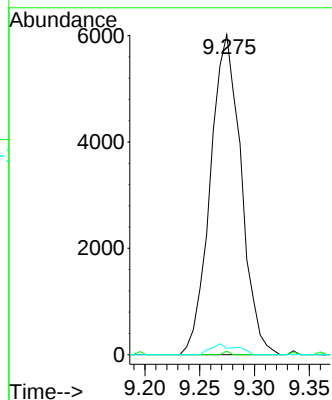
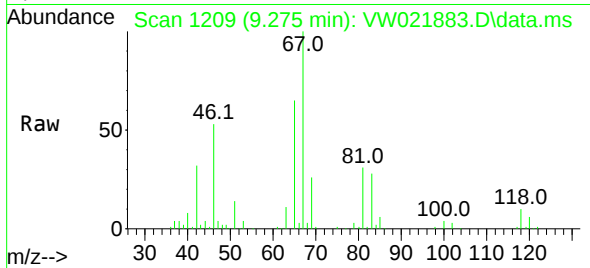




#35  
Methylcyclohexane  
Concen: 4.003 ug/L  
RT: 9.275 min Scan# 11  
Delta R.T. -0.061 min  
Lab File: VW021883.D  
Acq: 13 Jan 2022 11:50

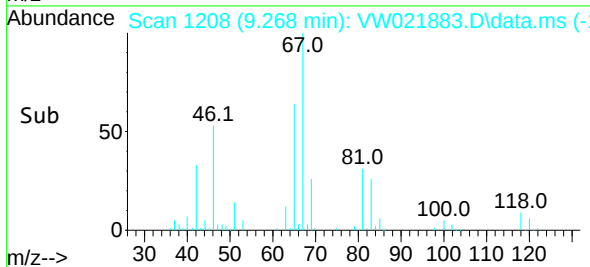
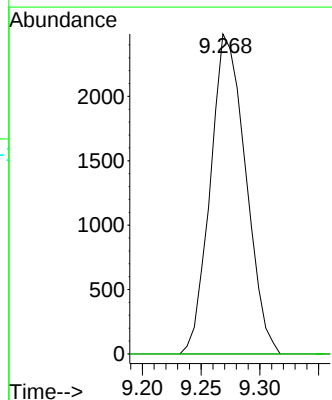
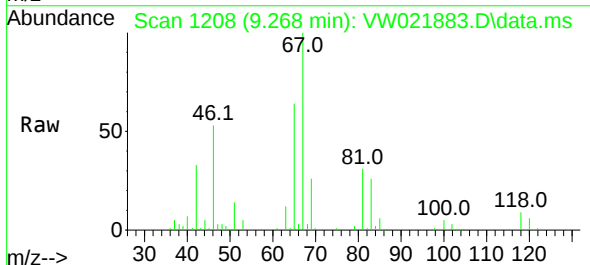
Instrument :  
MSVOA\_W  
ClientSampleId :  
BGLQ2

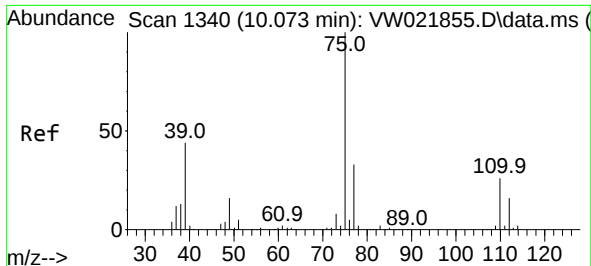
Tgt Ion: 83 Resp: 11760  
Ion Ratio Lower Upper  
83 100  
55 0.0 70.8 106.2#  
98 1.7 37.7 56.5#



#37  
1,2-Dichloropropane  
Concen: 3.864 ug/L  
RT: 9.268 min Scan# 1208  
Delta R.T. -0.103 min  
Lab File: VW021883.D  
Acq: 13 Jan 2022 11:50

Tgt Ion: 63 Resp: 5183  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#

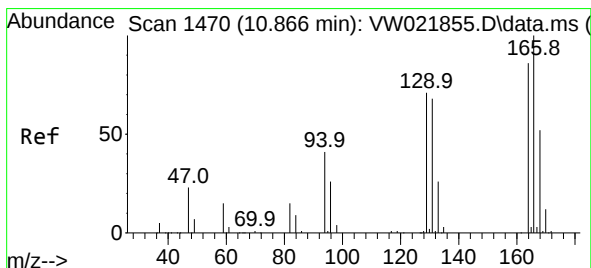
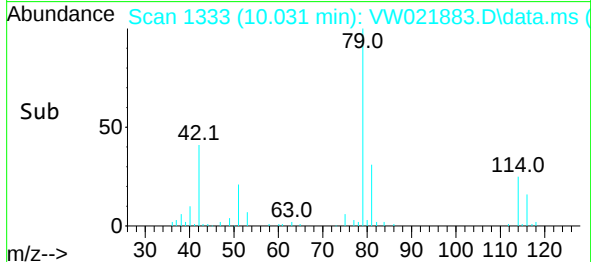
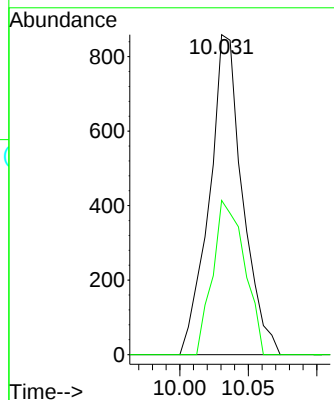
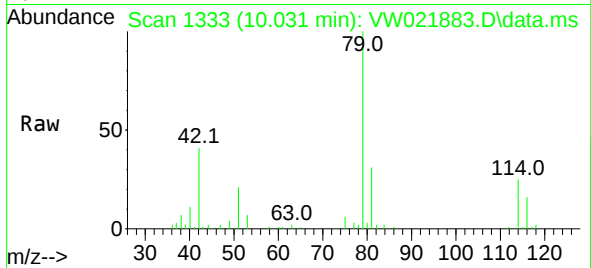




#39  
cis-1,3-Dichloropropene  
Concen: 0.696 ug/L  
RT: 10.031 min Scan# 11  
Delta R.T. -0.042 min  
Lab File: VW021883.D  
Acq: 13 Jan 2022 11:50

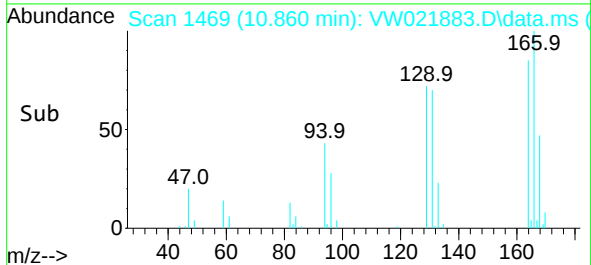
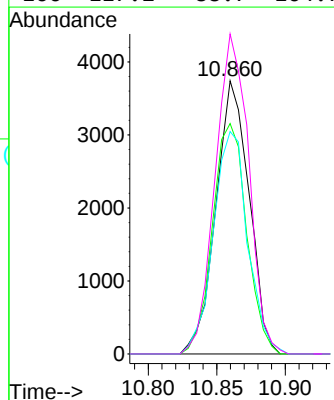
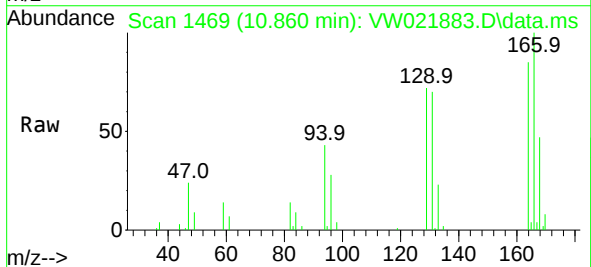
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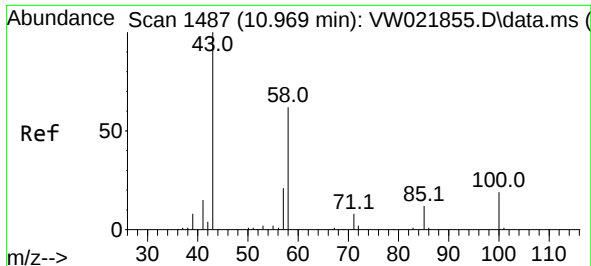
Tgt Ion: 75 Resp: 1450  
Ion Ratio Lower Upper  
75 100  
77 48.2 21.8 40.6#



#46  
Tetrachloroethene  
Concen: 3.571 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW021883.D  
Acq: 13 Jan 2022 11:50

Tgt Ion:164 Resp: 6308  
Ion Ratio Lower Upper  
164 100  
129 84.4 65.5 121.7  
131 81.5 59.7 110.9  
166 117.2 88.7 164.7

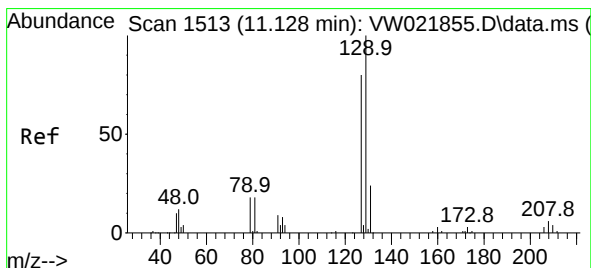
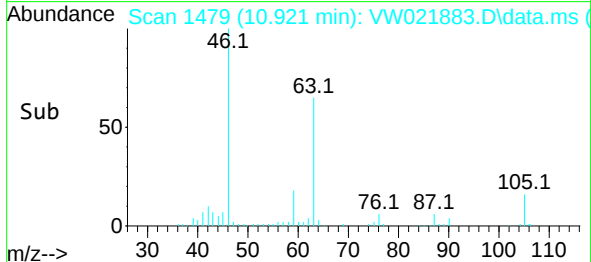
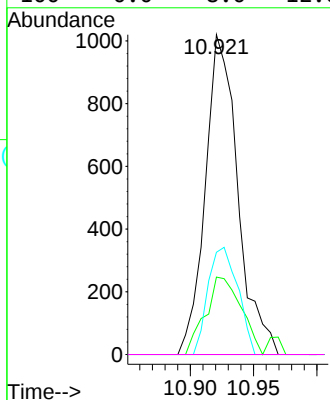
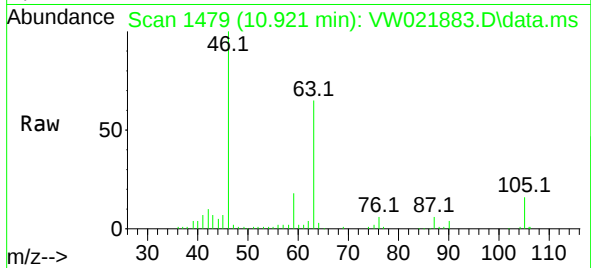




#48  
2-Hexanone  
Concen: 4.229 ug/L  
RT: 10.921 min Scan# 1487  
Delta R.T. -0.049 min  
Lab File: VW021883.D  
Acq: 13 Jan 2022 11:50

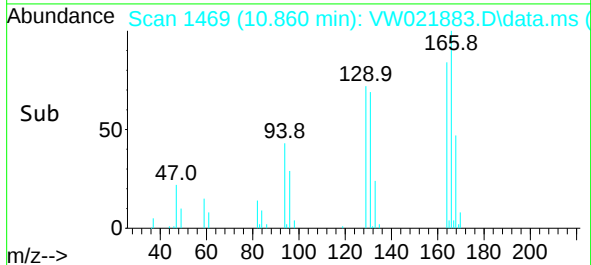
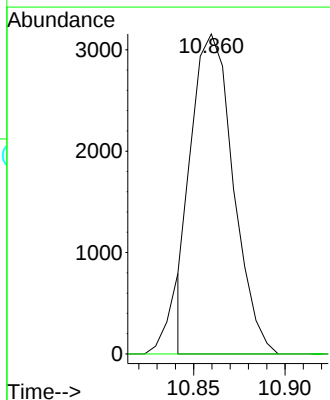
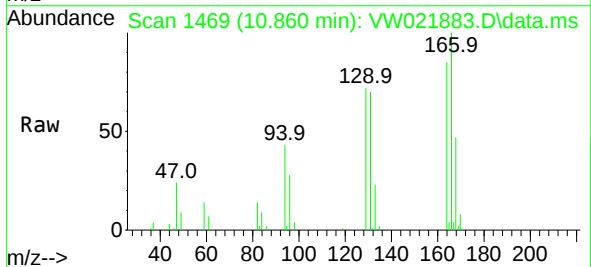
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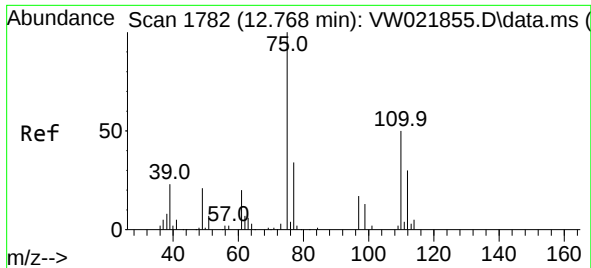
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|-------------|-----------------|
| Tgt Ion: 43 | Resp: 1823      |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 26.7 40.2 60.2# |
| 57          | 30.8 14.3 21.5# |
| 100         | 0.0 8.0 12.0#   |



#49  
Dibromochloromethane  
Concen: 3.503 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.268 min  
Lab File: VW021883.D  
Acq: 13 Jan 2022 11:50

|              |                 |
|--------------|-----------------|
| Tgt Ion: 129 | Resp: 5026      |
| Ion Ratio    | Lower Upper     |
| 129          | 100             |
| 127          | 0.0 55.7 103.5# |





#61  
 1,2,3-Trichloropropane  
 Concen: 7.456 ug/L  
 RT: 13.554 min Scan# 1911  
 Delta R.T. 0.787 min  
 Lab File: VW021883.D  
 Acq: 13 Jan 2022 11:50

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 MSVOA\_W  
 ClientSampleId :  
 BGLQ2

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 3589        |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 77          | 32.9  | 25.8 38.8   |
| 110         | 4.0   | 29.0 43.4#  |

