

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092121\  
 Data File : VW020108.D  
 Acq On : 21 Sep 2021 21:51  
 Operator : SY/VA  
 Sample : M3837-03  
 Misc : 5.54g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 22 05:11:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Sep 22 05:02:48 2021  
 Response via : Initial Calibration

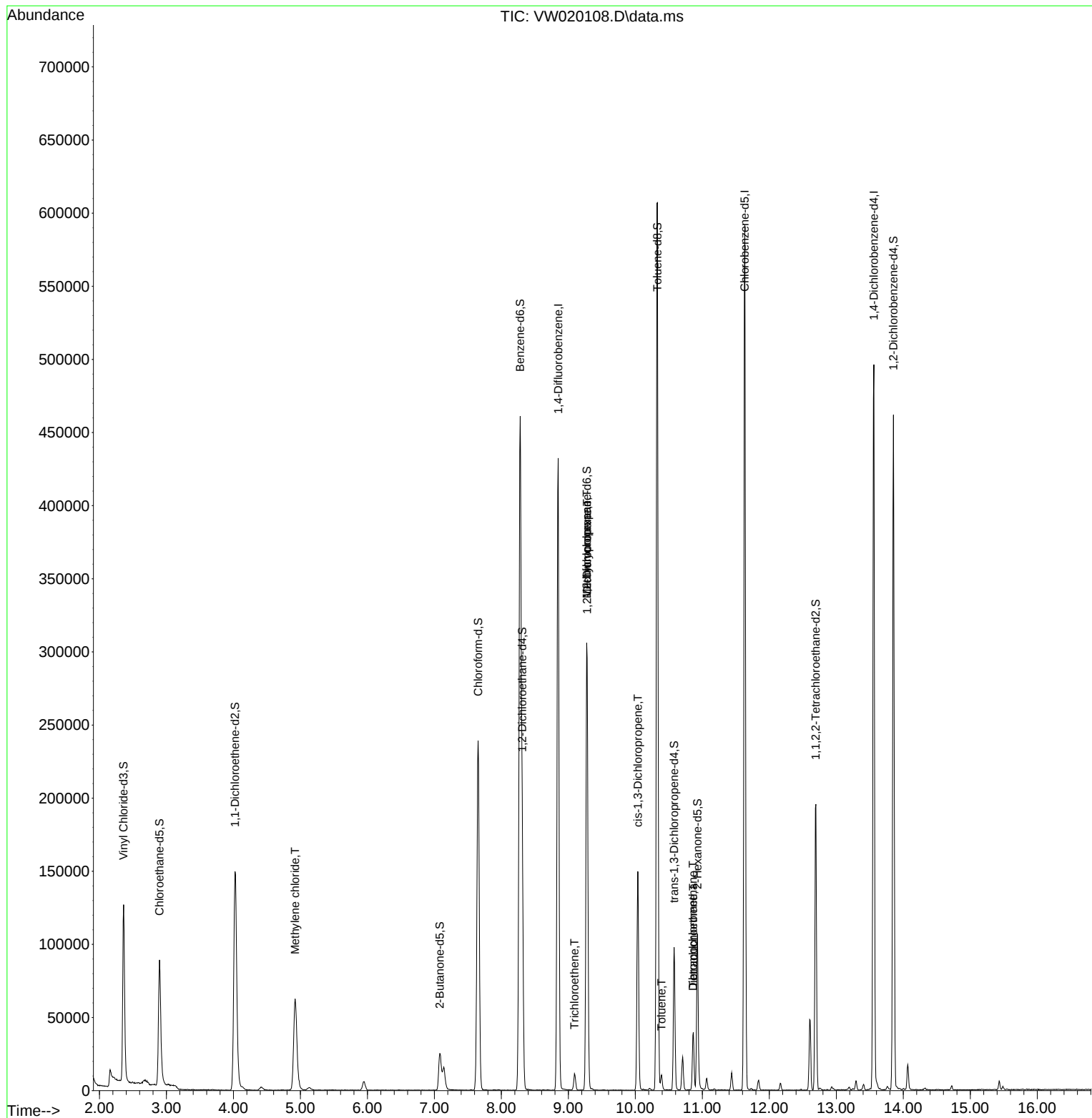
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 340975   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 314228   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 127249   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 144794   | 20.757   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.040%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 116190   | 22.111   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 88.440%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 168791   | 15.454   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 61.800%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 43307    | 40.232   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 80.460%  |
| 24) Chloroform-d              | 7.653  | 84    | 238531   | 22.244   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 88.960%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 133018   | 23.048   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 92.200%  |
| 32) Benzene-d6                | 8.281  | 84    | 456030   | 22.748   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 91.000%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 136489   | 23.525   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 94.120%  |
| 41) Toluene-d8                | 10.329 | 98    | 401658   | 22.020   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 88.080%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 52419    | 21.139   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 84.560%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 33687    | 41.957   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 83.920%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 95813    | 21.409   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.640%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 113523   | 23.792   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.160%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.922  | 84    | 52816    | 8.778    | ug/L   | 96       |
| 34) Trichloroethene           | 9.091  | 95    | 3513     | 0.692    | ug/L   | 95       |
| 35) Methylcyclohexane         | 9.274  | 83    | 35428    | 4.283    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 9.280  | 63    | 16481    | 3.509    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 4157     | 0.600    | ug/L # | 76       |
| 42) Toluene                   | 10.390 | 91    | 6524     | 0.324    | ug/L   | 95       |
| 46) Tetrachloroethene         | 10.866 | 164   | 8602     | 2.192    | ug/L   | 88       |
| 49) Dibromochloromethane      | 10.859 | 129   | 8206     | 2.039    | ug/L # | 9        |
| -----                         |        |       |          |          |        |          |

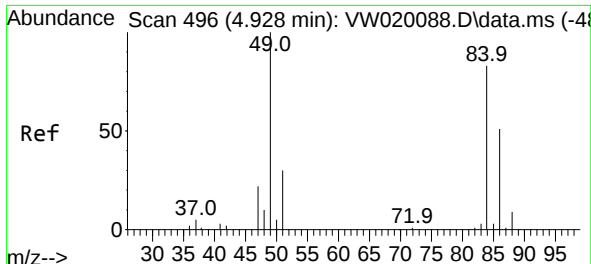
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 22 05:11:59 2021  
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Quant Title : SFAM01.0  
QLast Update : Wed Sep 22 05:02:48 2021  
Response via : Initial Calibration

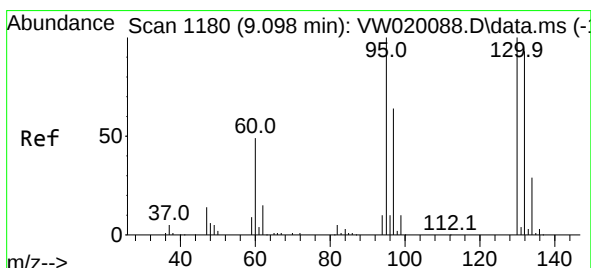
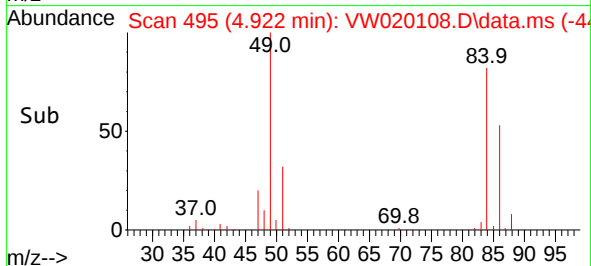
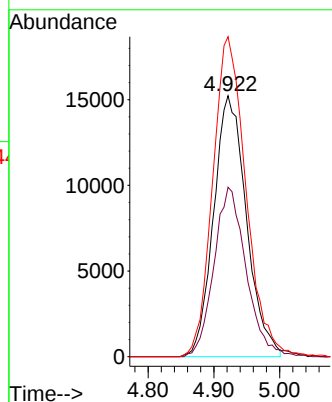
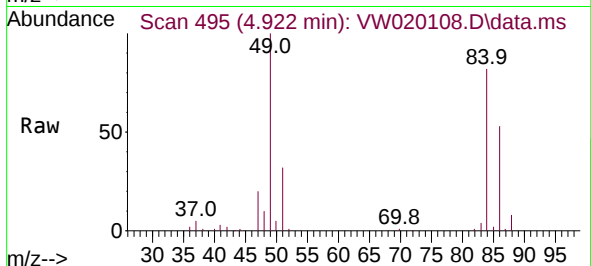




#16  
Methylene chloride  
Concen: 8.778 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. -0.006 min  
Lab File: VW020108.D  
Acq: 21 Sep 2021 21:51

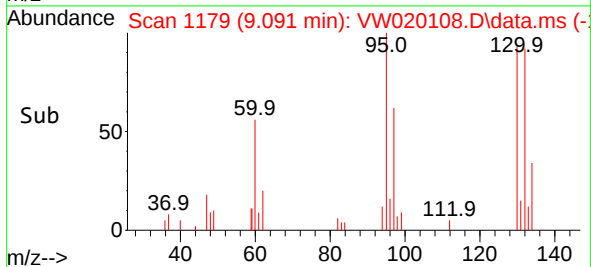
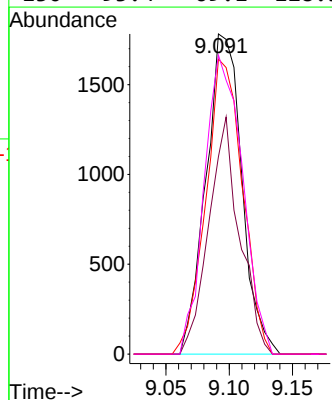
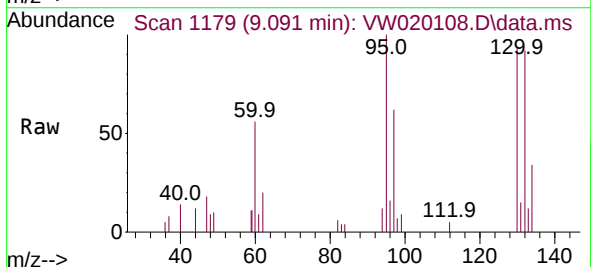
Instrument :  
MSVOA\_W  
ClientSampled :

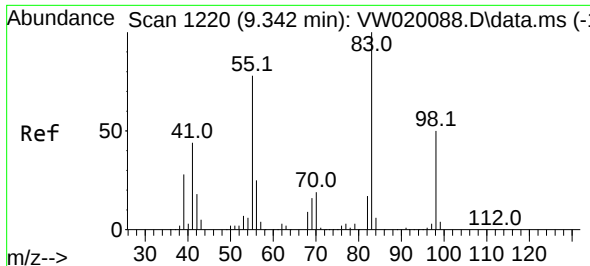
Tgt Ion: 84 Resp: 52816  
Ion Ratio Lower Upper  
84 100  
86 65.0 42.6 79.0  
49 122.7 83.4 154.8



#34  
Trichloroethene  
Concen: 0.692 ug/L  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: VW020108.D  
Acq: 21 Sep 2021 21:51

Tgt Ion: 95 Resp: 3513  
Ion Ratio Lower Upper  
95 100  
97 61.7 45.1 83.7  
132 92.1 67.9 126.1  
130 93.4 69.1 128.3

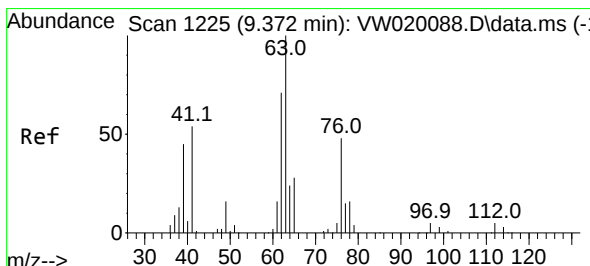
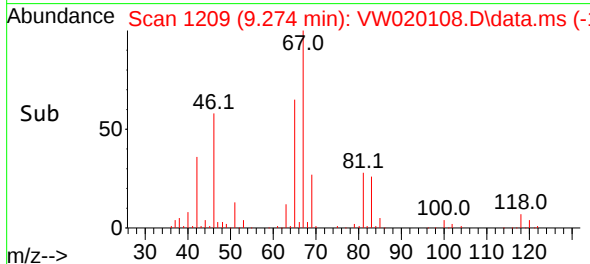
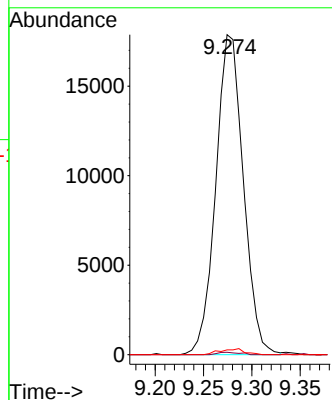
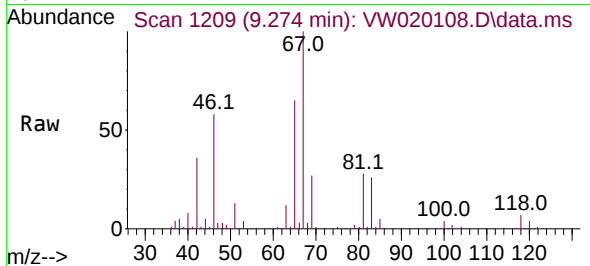




#35  
Methylcyclohexane  
Concen: 4.283 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.067 min  
Lab File: VW020108.D  
Acq: 21 Sep 2021 21:51

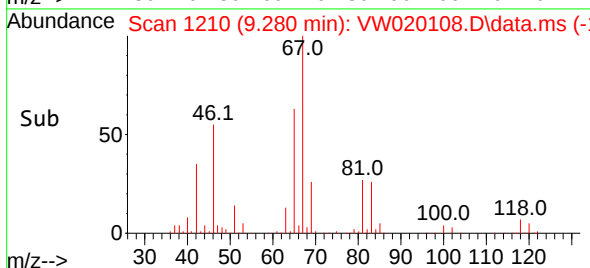
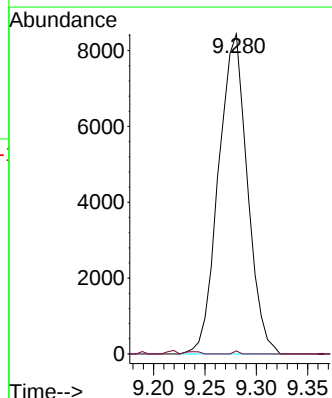
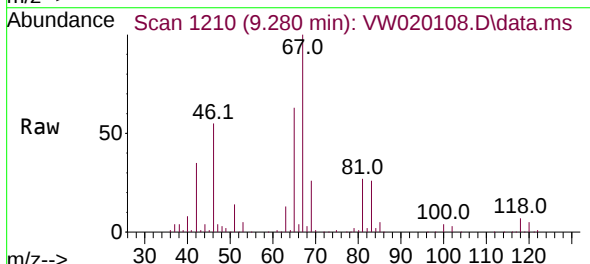
Instrument :  
MSVOA\_W  
ClientSampled :

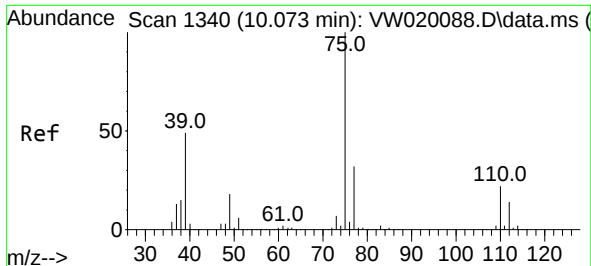
Tgt Ion: 83 Resp: 35428  
Ion Ratio Lower Upper  
83 100  
55 0.5 61.4 92.2#  
98 0.0 38.1 57.1#



#37  
1,2-Dichloropropane  
Concen: 3.509 ug/L  
RT: 9.280 min Scan# 1210  
Delta R.T. -0.092 min  
Lab File: VW020108.D  
Acq: 21 Sep 2021 21:51

Tgt Ion: 63 Resp: 16481  
Ion Ratio Lower Upper  
63 100  
112 0.4 3.6 5.4#

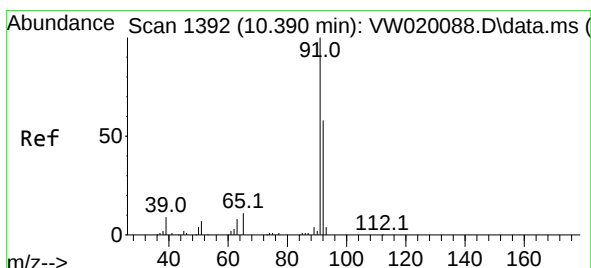
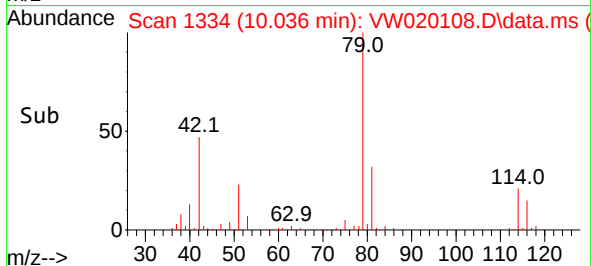
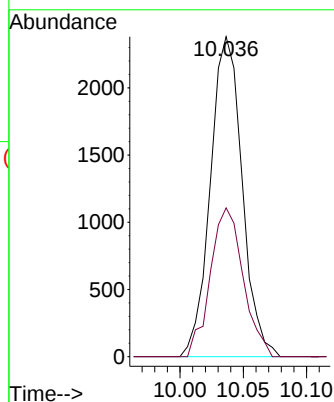
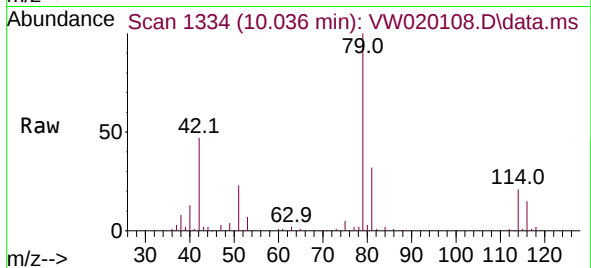




#39  
cis-1,3-Dichloropropene  
Concen: 0.600 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW020108.D  
Acq: 21 Sep 2021 21:51

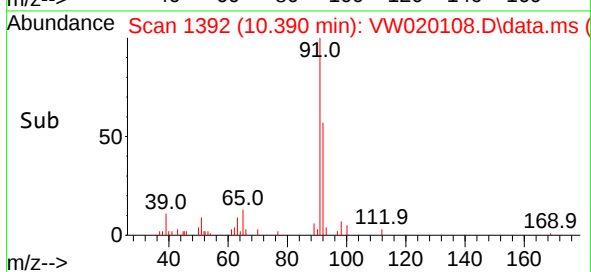
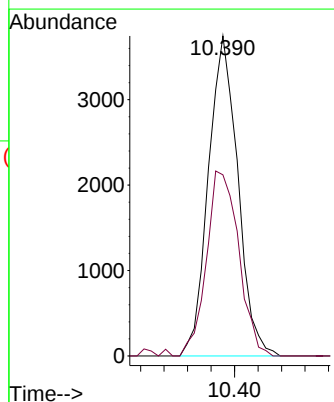
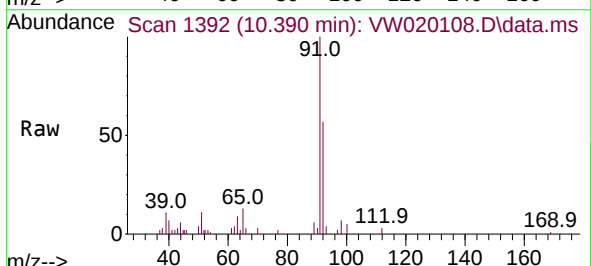
Instrument :  
MSVOA\_W  
ClientSampled :

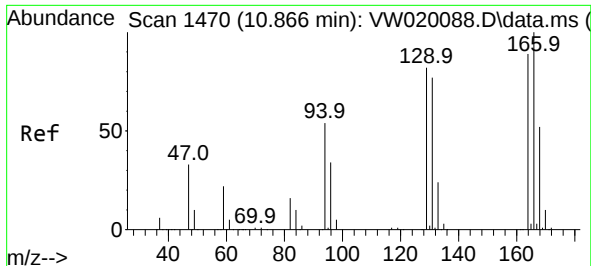
Tgt Ion: 75 Resp: 4157  
Ion Ratio Lower Upper  
75 100  
77 46.5 23.0 42.6#



#42  
Toluene  
Concen: 0.324 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW020108.D  
Acq: 21 Sep 2021 21:51

Tgt Ion: 91 Resp: 6524  
Ion Ratio Lower Upper  
91 100  
92 56.6 42.2 78.4

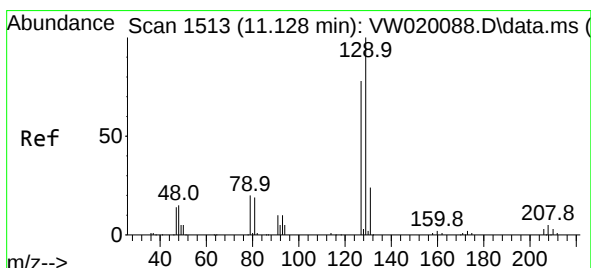
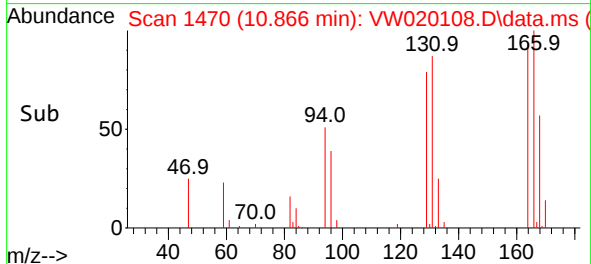
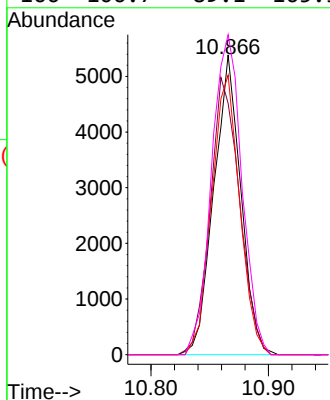
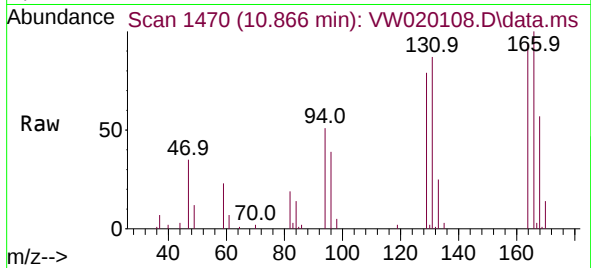




#46  
Tetrachloroethene  
Concen: 2.192 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW020108.D  
Acq: 21 Sep 2021 21:51

Instrument :  
MSVOA\_W  
ClientSampled :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 8602       |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 129         | 83.9  | 69.5 129.1 |
| 131         | 93.3  | 66.5 123.5 |
| 166         | 106.7 | 89.1 165.5 |



#49  
Dibromochloromethane  
Concen: 2.039 ug/L  
RT: 10.859 min Scan# 1469  
Delta R.T. -0.268 min  
Lab File: VW020108.D  
Acq: 21 Sep 2021 21:51

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:129 | Resp: | 8206        |
| Ion Ratio   | Lower | Upper       |
| 129         | 100   |             |
| 127         | 0.0   | 57.0 105.8# |

