

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072221\  
 Data File : VW019561.D  
 Acq On : 22 Jul 2021 18:45  
 Operator : SY/VA  
 Sample : M3122-11  
 Misc : 4.75g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 23 01:51:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 23 01:46:10 2021  
 Response via : Initial Calibration

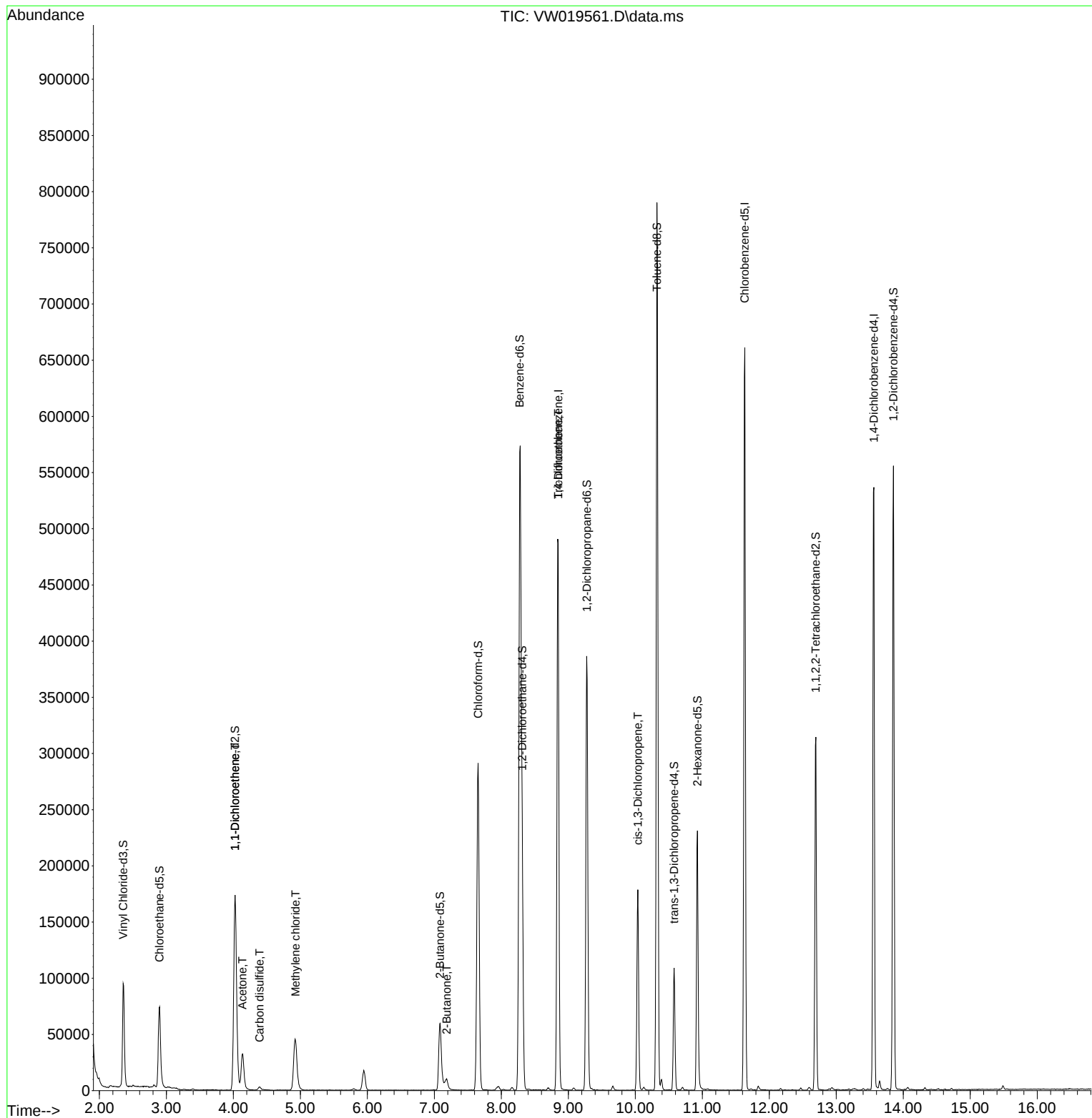
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 413808   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 365373   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 141372   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 106226   | 18.118   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 72.480%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 98904    | 23.655   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 94.640%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 190947   | 16.879   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 67.520%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 103252   | 60.675   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 121.340% |
| 24) Chloroform-d              | 7.653  | 84    | 300368   | 26.270   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 105.080% |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 169019   | 26.937   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 107.760% |
| 32) Benzene-d6                | 8.275  | 84    | 600816   | 27.625   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 110.480% |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 188509   | 27.808   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 111.240% |
| 41) Toluene-d8                | 10.323 | 98    | 516086   | 26.319   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 105.280% |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 62665    | 21.586   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 86.360%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 79357    | 63.100   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 126.200% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 159197   | 29.064   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 116.240% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 145597   | 29.190   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 116.760% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 4.025  | 96    | 1541     | 0.285    | ug/L # | 1        |
| 13) Acetone                   | 4.135  | 43    | 60669    | 48.384   | ug/L   | 89       |
| 14) Carbon disulfide          | 4.391  | 76    | 6165     | 0.356    | ug/L   | 97       |
| 16) Methylene chloride        | 4.928  | 84    | 40583    | 4.919    | ug/L   | 93       |
| 22) 2-Butanone                | 7.183  | 43    | 16996    | 8.760    | ug/L   | 92       |
| 34) Trichloroethene           | 8.848  | 95    | 12433    | 2.130    | ug/L # | 5        |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 4333     | 0.489    | ug/L # | 61       |
| -----                         |        |       |          |          |        |          |

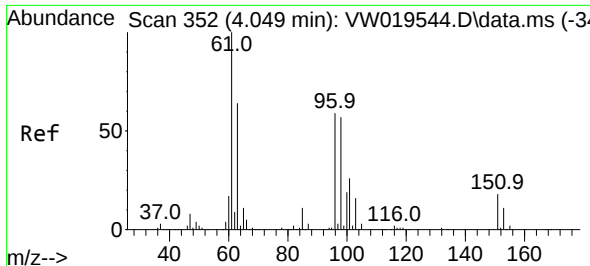
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072221\  
Data File : VW019561.D  
Acq On : 22 Jul 2021 18:45  
Operator : SY/VA  
Sample : M3122-11  
Misc : 4.75g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Jul 23 01:51:36 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 23 01:46:10 2021  
Response via : Initial Calibration

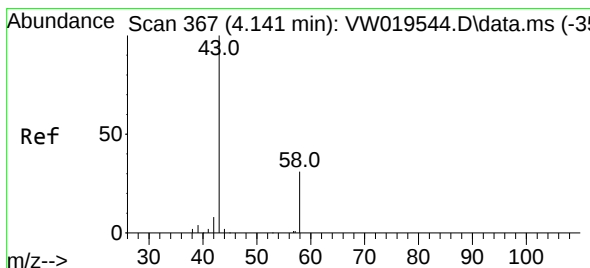
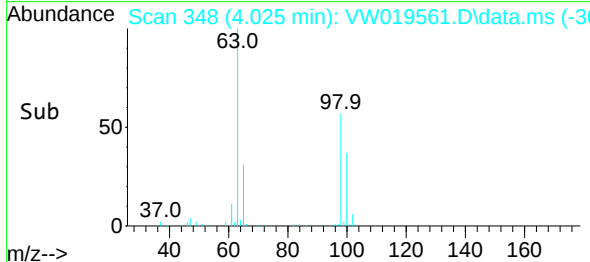
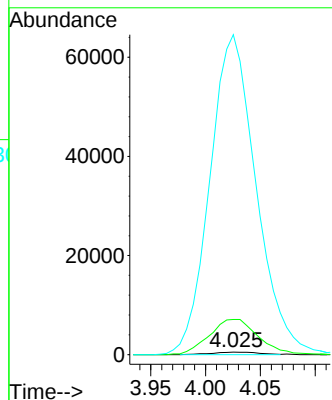
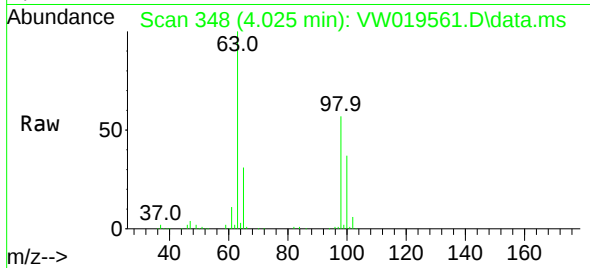




#12  
1,1-Dichloroethene  
Concen: 0.285 ug/L  
RT: 4.025 min Scan# 348  
Delta R.T. -0.024 min  
Lab File: VW019561.D  
Acq: 22 Jul 2021 18:45

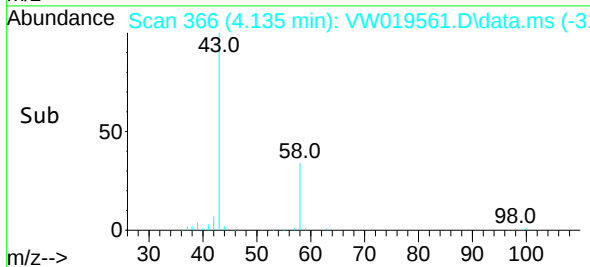
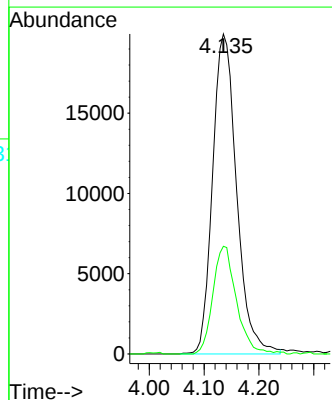
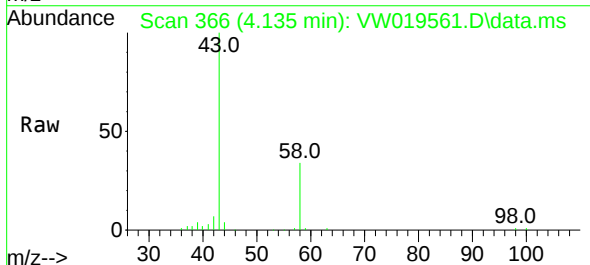
Instrument :  
MSVOA\_W  
ClientSampled :

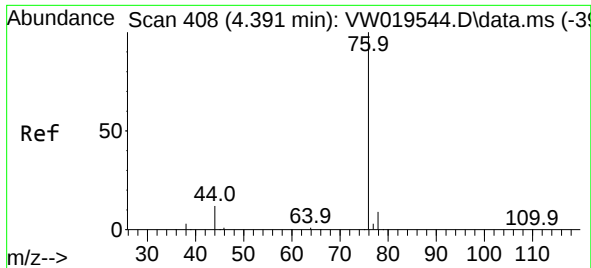
Tgt Ion: 96 Resp: 1541  
Ion Ratio Lower Upper  
96 100  
61 1378.8 118.1 219.3#  
63 12560.3 83.7 155.5#



#13  
Acetone  
Concen: 48.384 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VW019561.D  
Acq: 22 Jul 2021 18:45

Tgt Ion: 43 Resp: 60669  
Ion Ratio Lower Upper  
43 100  
58 32.7 0.0 53.8

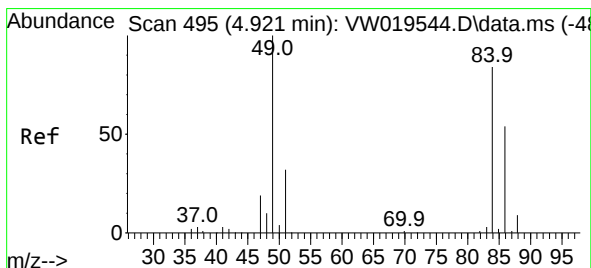
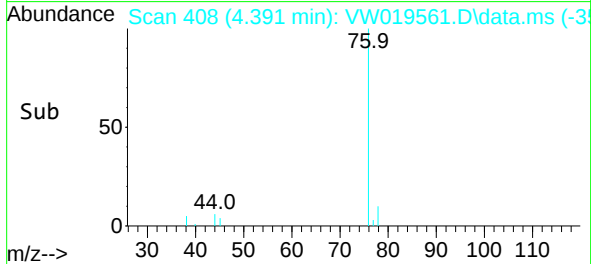
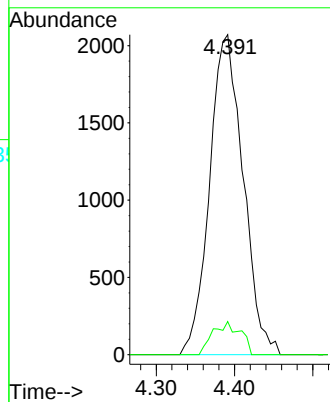
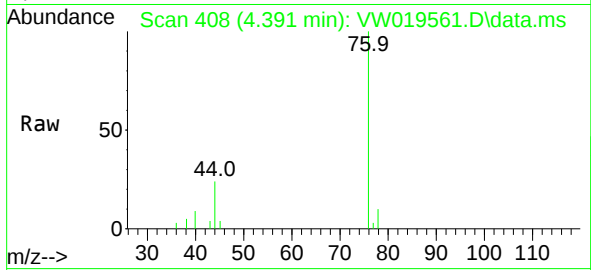




#14  
Carbon disulfide  
Concen: 0.356 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW019561.D  
Acq: 22 Jul 2021 18:45

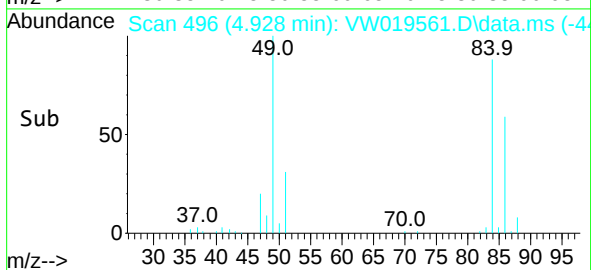
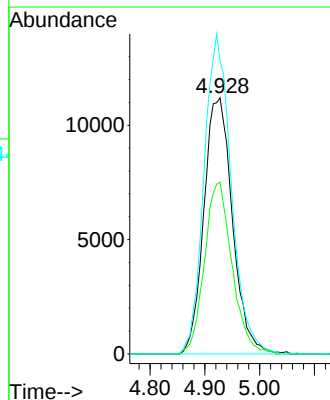
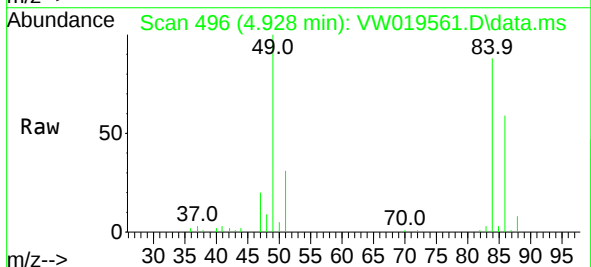
Instrument :  
MSVOA\_W  
ClientSampled :

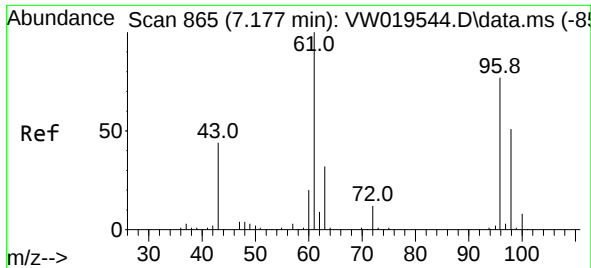
Tgt Ion: 76 Resp: 6165  
Ion Ratio Lower Upper  
76 100  
78 10.3 7.4 11.0



#16  
Methylene chloride  
Concen: 4.919 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW019561.D  
Acq: 22 Jul 2021 18:45

Tgt Ion: 84 Resp: 40583  
Ion Ratio Lower Upper  
84 100  
86 67.1 45.3 84.1  
49 114.1 86.6 160.8

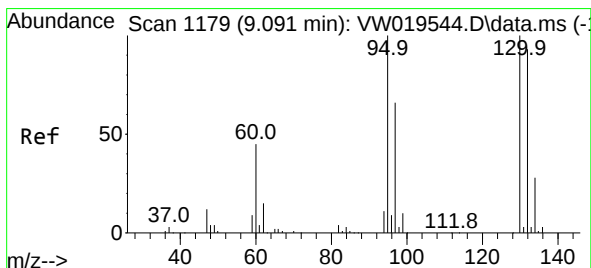
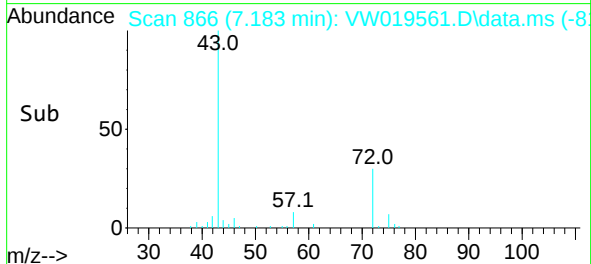
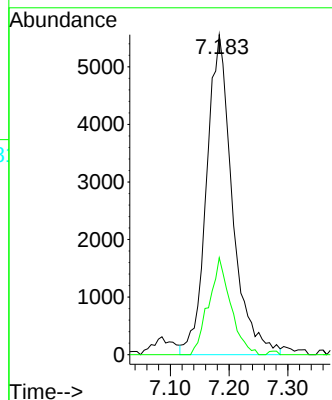
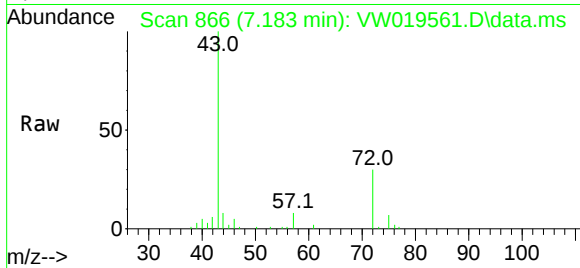




#22  
2-Butanone  
Concen: 8.760 ug/L  
RT: 7.183 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: VW019561.D  
Acq: 22 Jul 2021 18:45

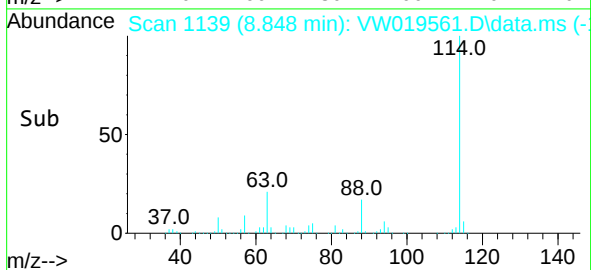
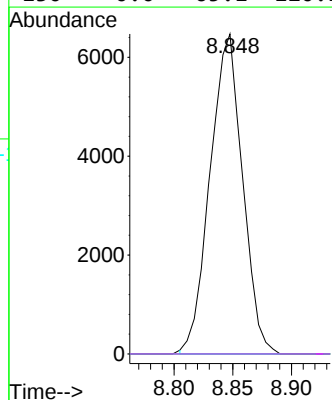
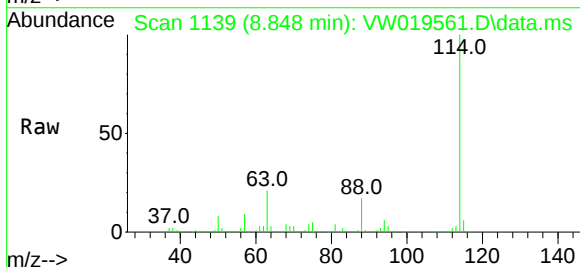
Instrument :  
MSVOA\_W  
ClientSampled :

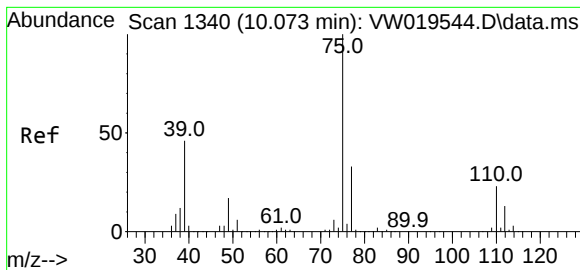
Tgt Ion: 43 Resp: 16996  
Ion Ratio Lower Upper  
43 100  
72 25.7 14.9 44.7



#34  
Trichloroethene  
Concen: 2.130 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW019561.D  
Acq: 22 Jul 2021 18:45

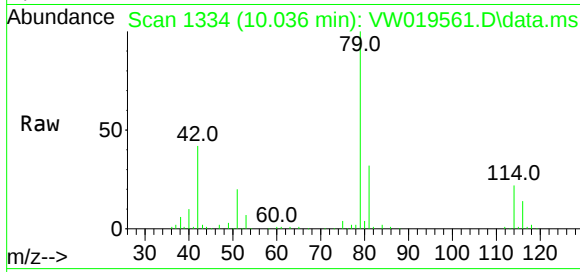
Tgt Ion: 95 Resp: 12433  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.3 87.8#  
132 0.0 71.0 131.8#  
130 0.0 65.1 120.9#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.489 ug/L  
 RT: 10.036 min Scan# 1334  
 Delta R.T. -0.036 min  
 Lab File: VW019561.D  
 Acq: 22 Jul 2021 18:45

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 75 Resp: 4333  
 Ion Ratio Lower Upper  
 75 100  
 77 54.4 22.6 42.0#

