

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072221\  
 Data File : VW019563.D  
 Acq On : 22 Jul 2021 19:33  
 Operator : SY/VA  
 Sample : M3122-13  
 Misc : 4.97g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 23 01:51:57 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

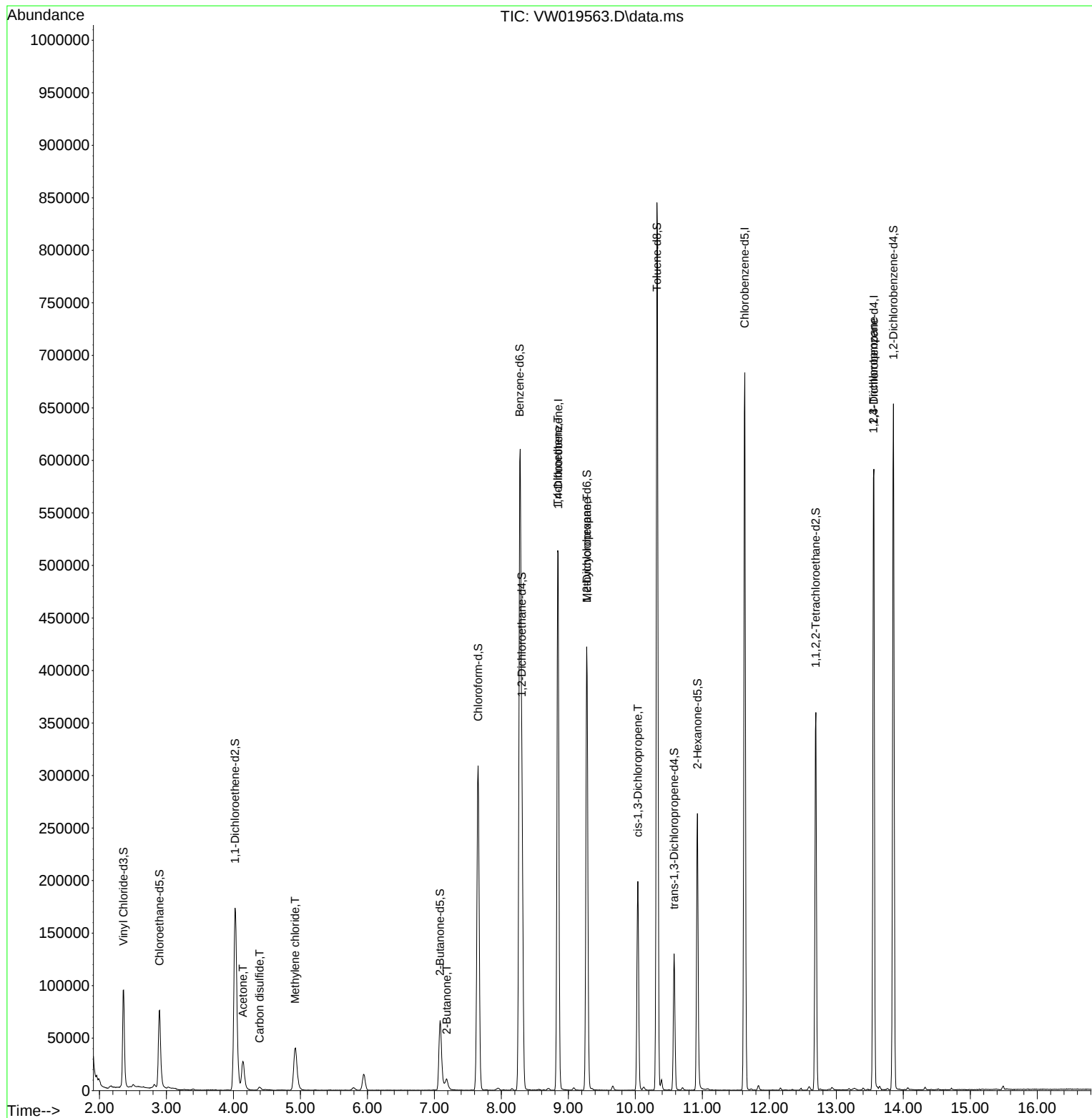
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 426620   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 378773   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 162025   | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 108729   | 17.988   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.960%   |
| 7) Chloroethane-d5            | 2.897  | 69    | 99777    | 23.147   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 92.600%   |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 197825   | 16.962   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 67.840%   |
| 21) 2-Butanone-d5             | 7.086  | 46    | 115584   | 65.882   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 131.760%  |
| 24) Chloroform-d              | 7.653  | 84    | 318162   | 26.990   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 107.960%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 185957   | 28.746   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 115.000%  |
| 32) Benzene-d6                | 8.274  | 84    | 635831   | 28.200   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 112.800%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 206174   | 29.338   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 117.360%  |
| 41) Toluene-d8                | 10.323 | 98    | 560983   | 27.596   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 110.400%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 74150    | 24.638   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 98.560%   |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 91198    | 69.950   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 139.900%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 181901   | 32.034   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 128.120%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 173329   | 30.320   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 121.280%# |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.141  | 43    | 54076    | 41.831   | ug/L   | 89        |
| 14) Carbon disulfide          | 4.391  | 76    | 6421     | 0.360    | ug/L   | 97        |
| 16) Methylene chloride        | 4.921  | 84    | 36311    | 4.269    | ug/L   | 99        |
| 22) 2-Butanone                | 7.183  | 43    | 18205    | 9.101    | ug/L   | 91        |
| 34) Trichloroethene           | 8.841  | 95    | 12818    | 2.118    | ug/L # | 5         |
| 35) Methylcyclohexane         | 9.274  | 83    | 49600    | 4.632    | ug/L # | 20        |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 4697     | 0.511    | ug/L # | 76        |
| 61) 1,2,3-Trichloropropane    | 13.554 | 75    | 19394    | 5.464    | ug/L # | 65        |
| -----                         |        |       |          |          |        |           |

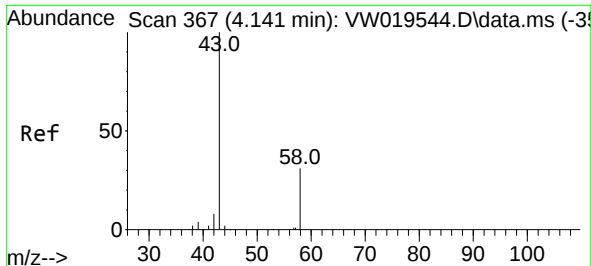
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Fri Jul 23 01:46:10 2021  
Response via : Initial Calibration

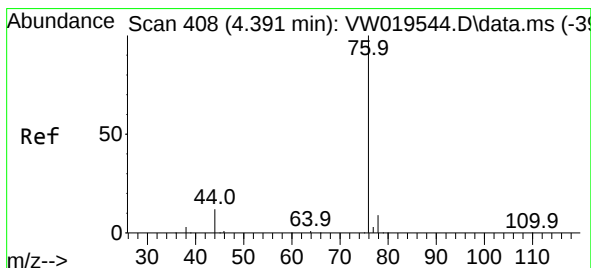
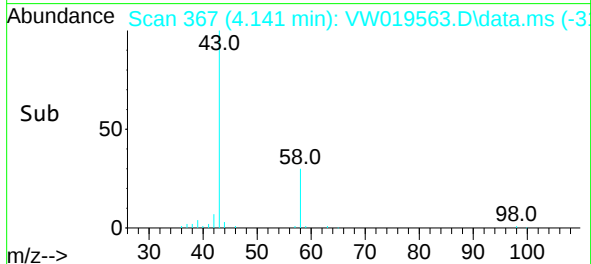
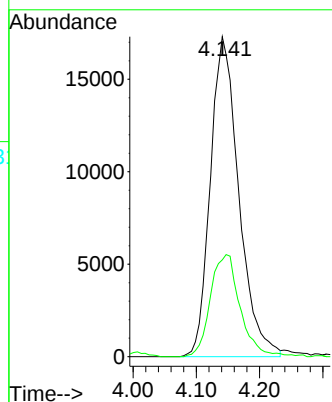
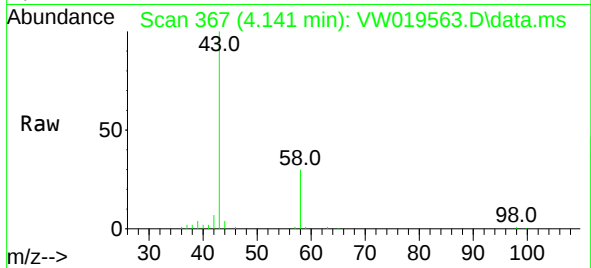




#13  
Acetone  
Concen: 41.831 ug/L  
RT: 4.141 min Scan# 367  
Delta R.T. 0.000 min  
Lab File: VW019563.D  
Acq: 22 Jul 2021 19:33

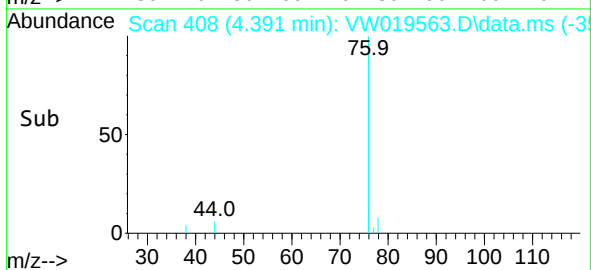
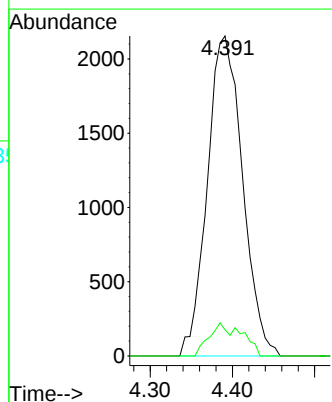
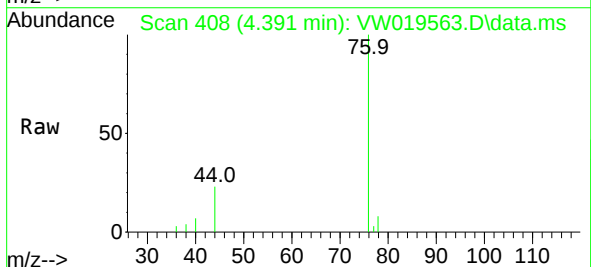
Instrument :  
MSVOA\_W  
ClientSampled :

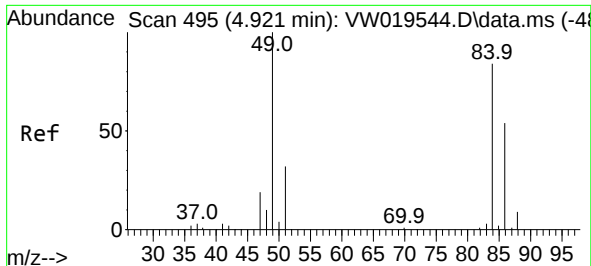
Tgt Ion: 43 Resp: 54076  
Ion Ratio Lower Upper  
43 100  
58 32.8 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.360 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW019563.D  
Acq: 22 Jul 2021 19:33

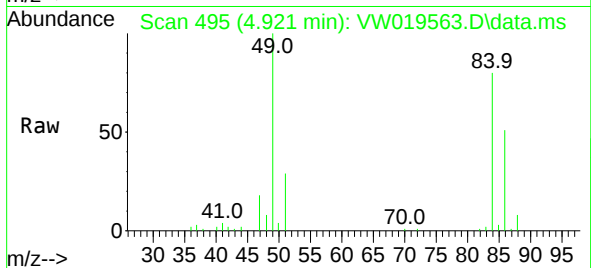
Tgt Ion: 76 Resp: 6421  
Ion Ratio Lower Upper  
76 100  
78 8.2 7.4 11.0



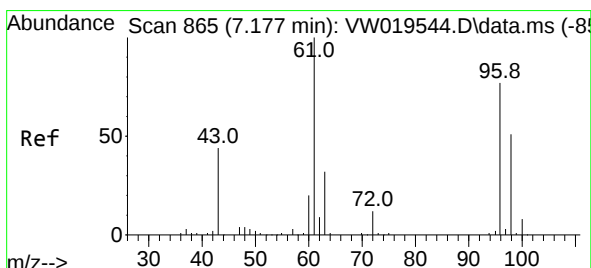
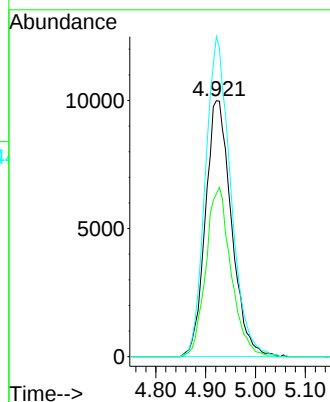
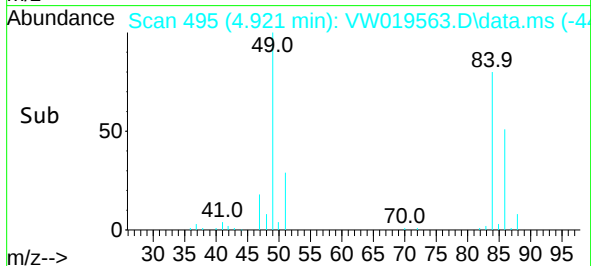


#16  
Methylene chloride  
Concen: 4.269 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW019563.D  
Acq: 22 Jul 2021 19:33

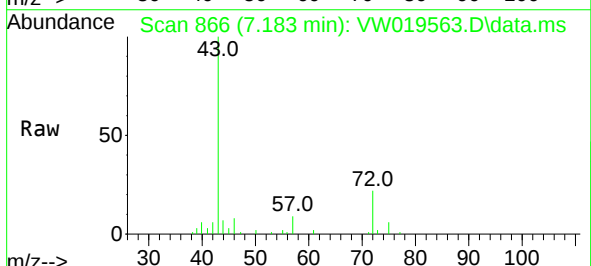
Instrument :  
MSVOA\_W  
ClientSampled :



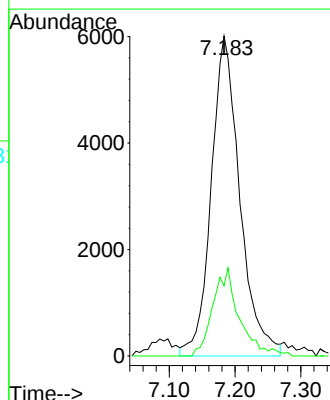
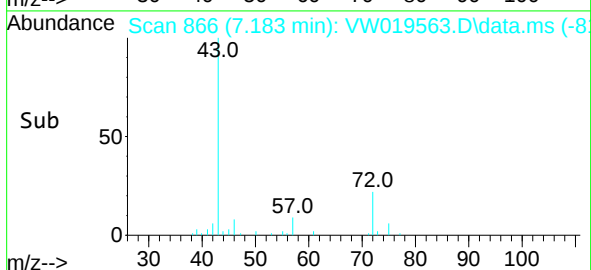
Tgt Ion: 84 Resp: 36311  
Ion Ratio Lower Upper  
84 100  
86 63.6 45.3 84.1  
49 125.0 86.6 160.8

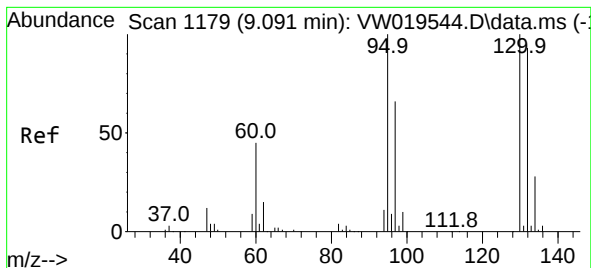


#22  
2-Butanone  
Concen: 9.101 ug/L  
RT: 7.183 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: VW019563.D  
Acq: 22 Jul 2021 19:33



Tgt Ion: 43 Resp: 18205  
Ion Ratio Lower Upper  
43 100  
72 24.7 14.9 44.7

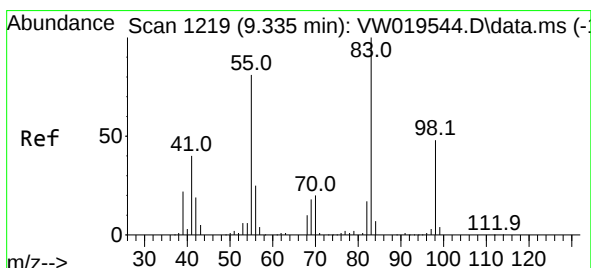
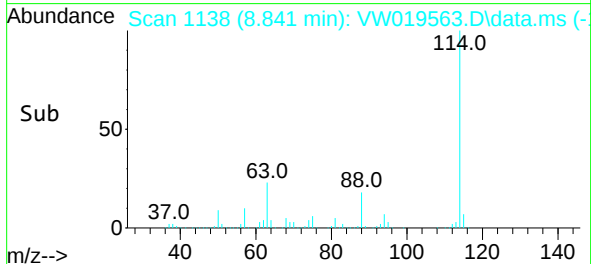
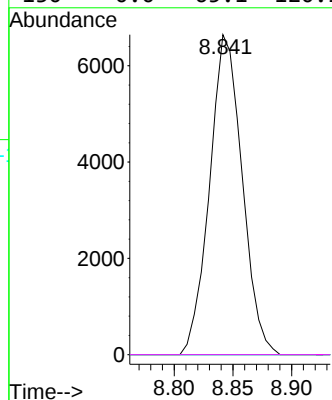
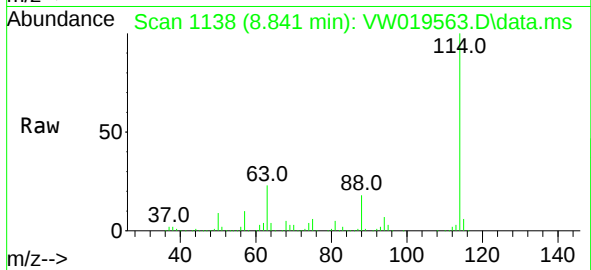




#34  
Trichloroethene  
Concen: 2.118 ug/L  
RT: 8.841 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW019563.D  
Acq: 22 Jul 2021 19:33

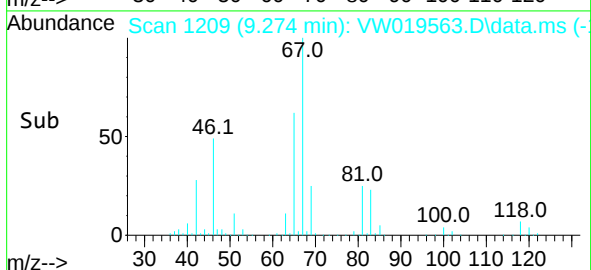
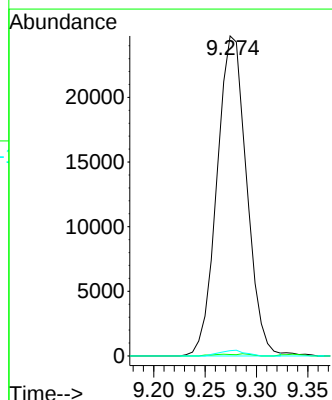
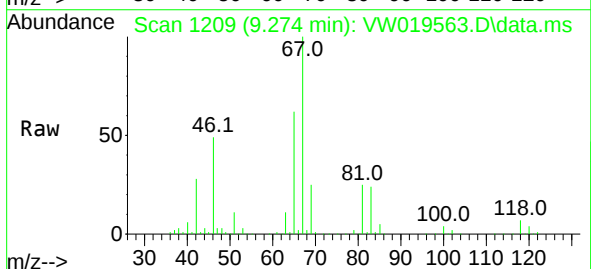
Instrument :  
MSVOA\_W  
ClientSampled :

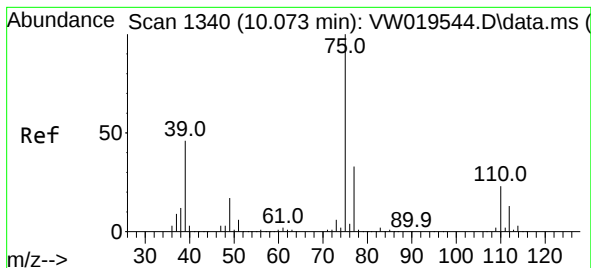
Tgt Ion: 95 Resp: 12818  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.3 87.8#  
132 0.0 71.0 131.8#  
130 0.0 65.1 120.9#



#35  
Methylcyclohexane  
Concen: 4.632 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW019563.D  
Acq: 22 Jul 2021 19:33

Tgt Ion: 83 Resp: 49600  
Ion Ratio Lower Upper  
83 100  
55 0.3 58.9 88.3#  
98 1.5 40.1 60.1#

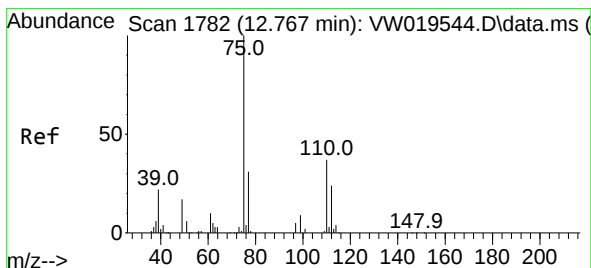
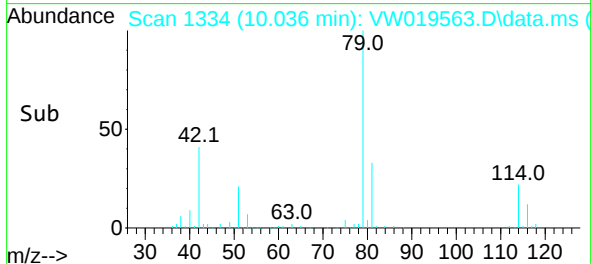
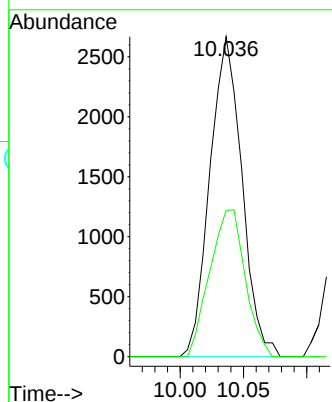
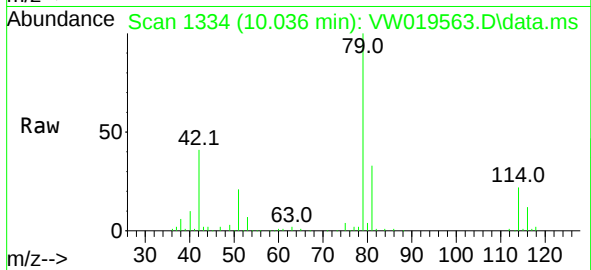




#39  
cis-1,3-Dichloropropene  
Concen: 0.511 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW019563.D  
Acq: 22 Jul 2021 19:33

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 75 Resp: 4697  
Ion Ratio Lower Upper  
75 100  
77 45.7 22.6 42.0#



#61  
1,2,3-Trichloropropane  
Concen: 5.464 ug/L  
RT: 13.554 min Scan# 1911  
Delta R.T. 0.787 min  
Lab File: VW019563.D  
Acq: 22 Jul 2021 19:33

Tgt Ion: 75 Resp: 19394  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.3 37.9  
110 2.1 32.6 48.8#

