

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071221\  
 Data File : VW019431.D  
 Acq On : 12 Jul 2021 14:22  
 Operator : SY/VA  
 Sample : M2971-01  
 Misc : 4.66G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 13 02:22:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 13 02:19:34 2021  
 Response via : Initial Calibration

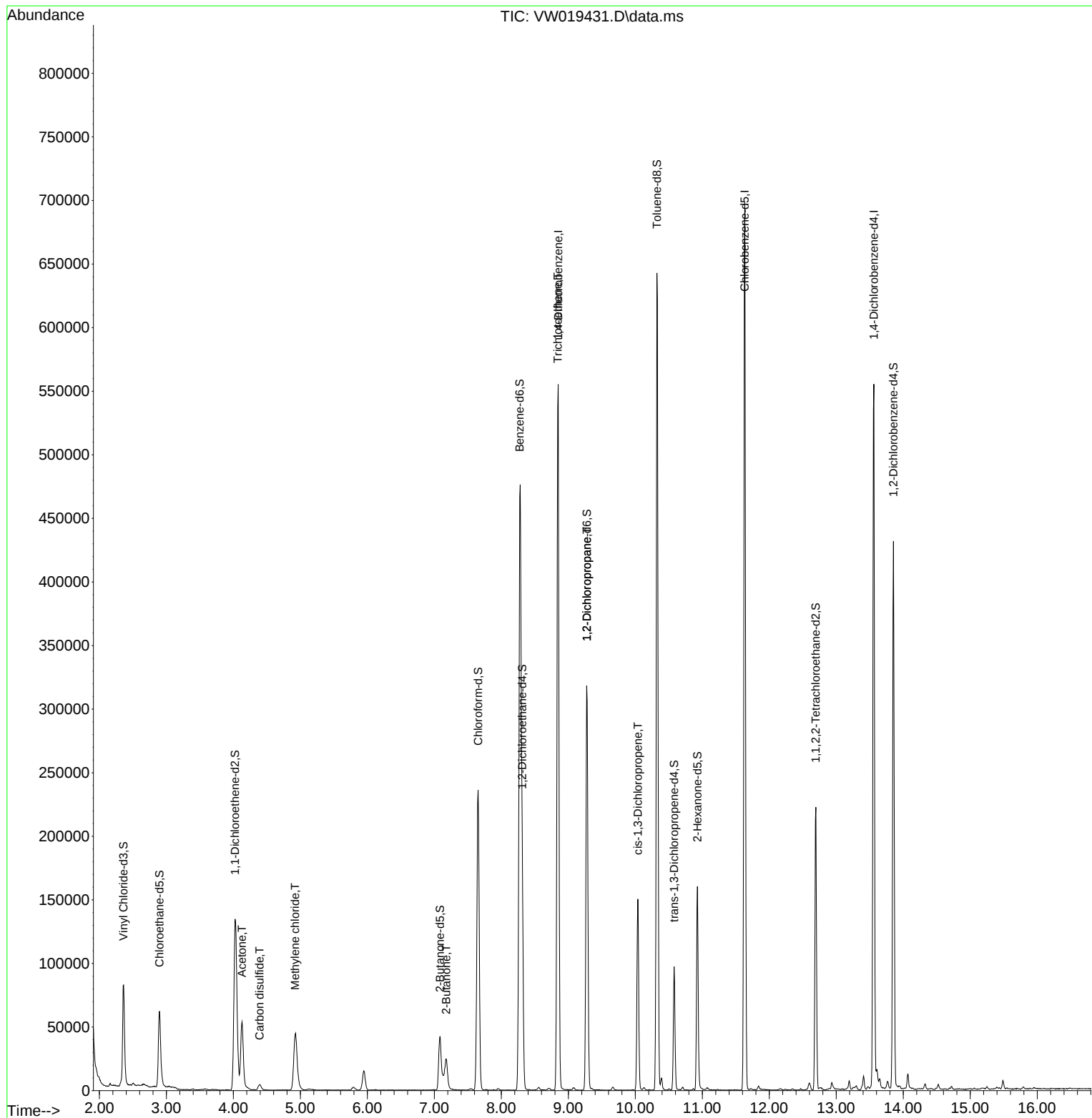
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 465457   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 394568   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 145957   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 98078    | 14.872   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 59.480%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 82325    | 17.505   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 158079   | 12.423   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 49.680%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 73174    | 38.228   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 76.460%  |
| 24) Chloroform-d              | 7.653  | 84    | 245940   | 19.123   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 76.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 135534   | 19.203   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 76.800%  |
| 32) Benzene-d6                | 8.275  | 84    | 494467   | 21.053   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 84.200%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 156200   | 21.337   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 85.360%  |
| 41) Toluene-d8                | 10.323 | 98    | 427073   | 20.168   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 80.680%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 54076    | 17.249   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 69.000%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 54663    | 40.249   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 80.500%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 112576   | 19.032   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 76.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 110819   | 21.519   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 86.080%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.129  | 43    | 92972    | 65.918   | ug/L   | 88       |
| 14) Carbon disulfide          | 4.391  | 76    | 9701     | 0.499    | ug/L # | 95       |
| 16) Methylene chloride        | 4.922  | 84    | 41988    | 4.525    | ug/L   | 98       |
| 22) 2-Butanone                | 7.177  | 43    | 40030    | 18.342   | ug/L   | 93       |
| 34) Trichloroethene           | 8.842  | 95    | 13683    | 2.171    | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 17008    | 2.718    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 3760     | 0.393    | ug/L # | 59       |
| -----                         |        |       |          |          |        |          |

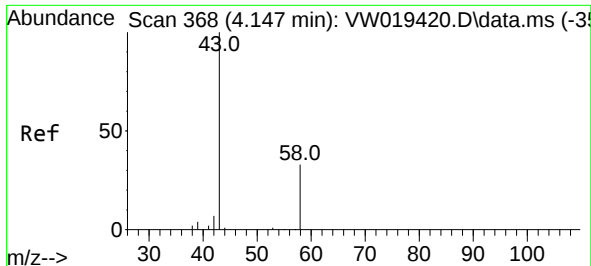
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
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Response via : Initial Calibration

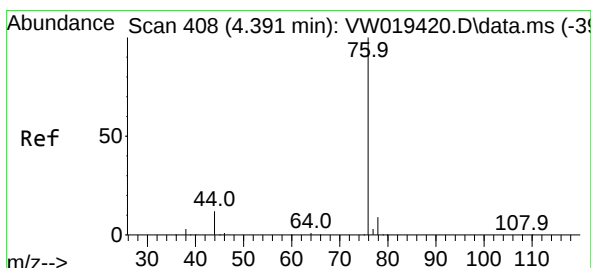
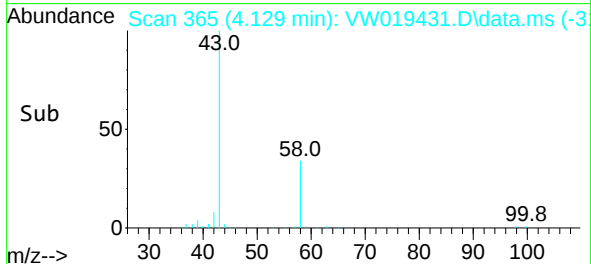
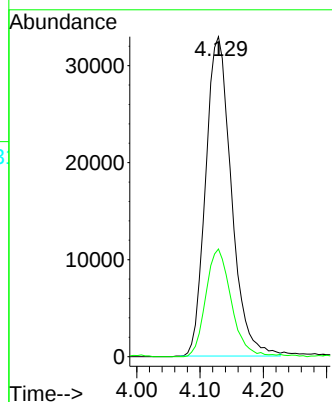
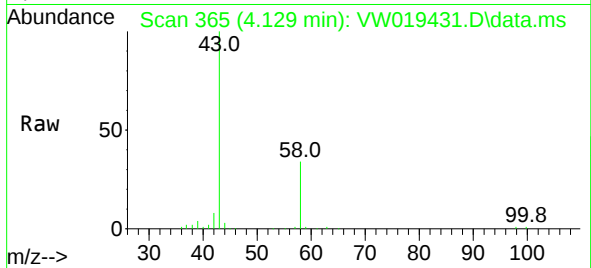




#13  
Acetone  
Concen: 65.918 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. -0.018 min  
Lab File: VW019431.D  
Acq: 12 Jul 2021 14:22

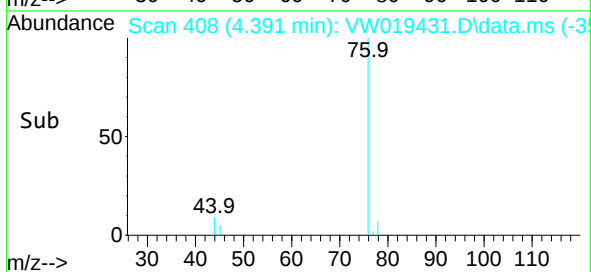
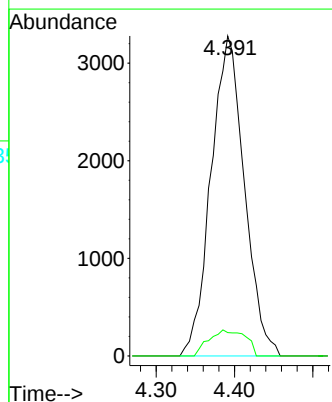
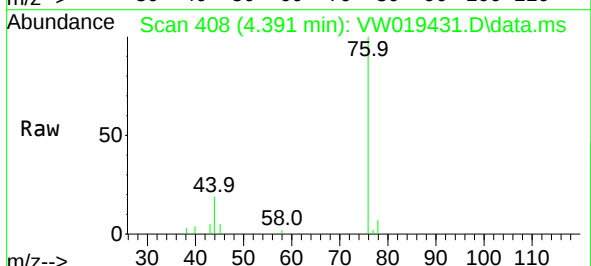
Instrument :  
MSVOA\_W  
ClientSampled :

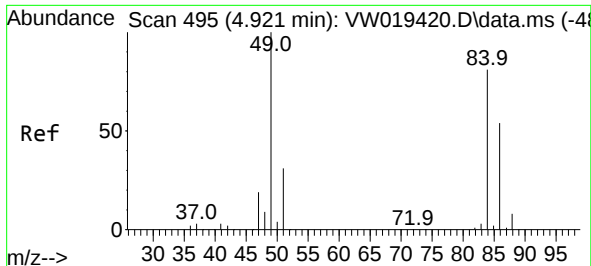
Tgt Ion: 43 Resp: 92972  
Ion Ratio Lower Upper  
43 100  
58 33.3 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.499 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW019431.D  
Acq: 12 Jul 2021 14:22

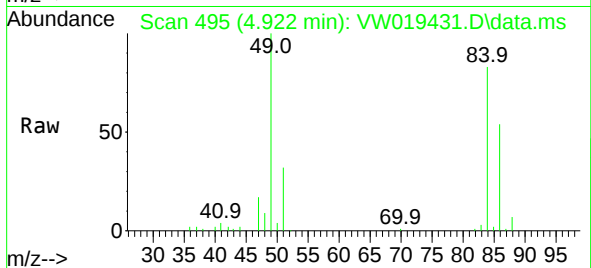
Tgt Ion: 76 Resp: 9701  
Ion Ratio Lower Upper  
76 100  
78 7.3 7.4 11.0#





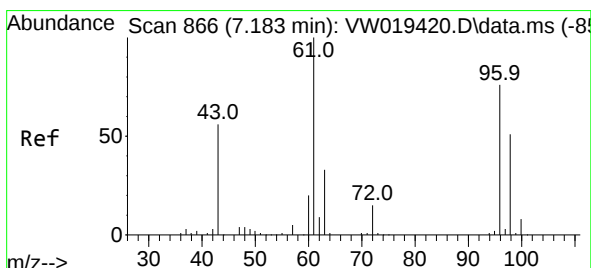
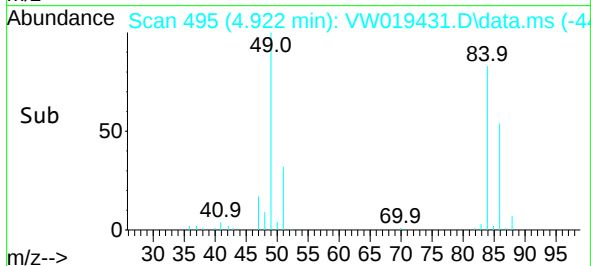
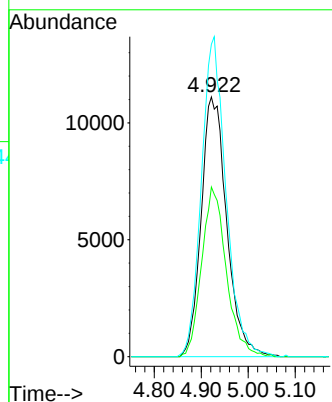
#16  
Methylene chloride  
Concen: 4.525 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW019431.D  
Acq: 12 Jul 2021 14:22

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion: 84 Resp: 41988

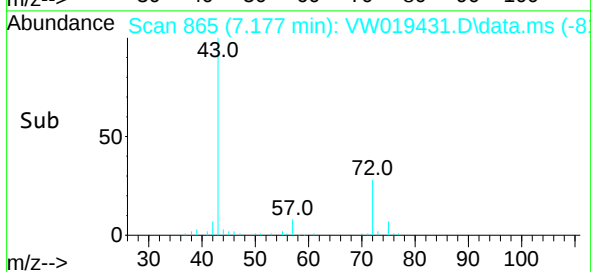
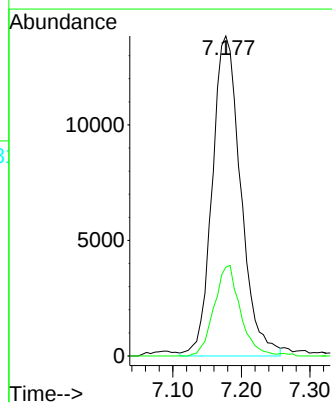
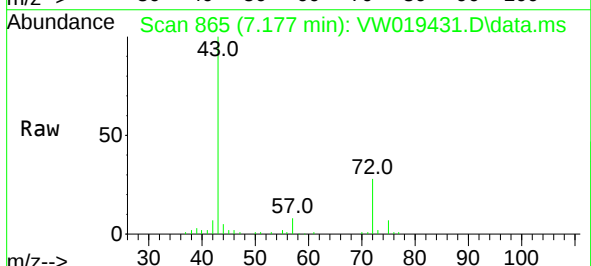
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 65.3  | 45.3  | 84.1  |
| 49  | 120.4 | 86.6  | 160.8 |

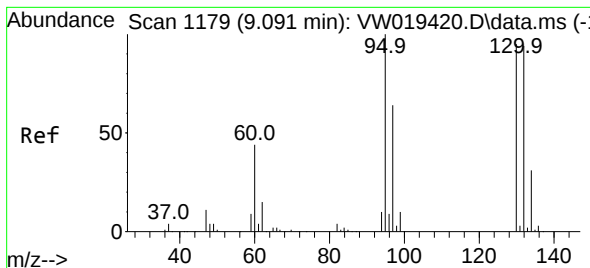


#22  
2-Butanone  
Concen: 18.342 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: VW019431.D  
Acq: 12 Jul 2021 14:22

Tgt Ion: 43 Resp: 40030

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 25.9  | 14.9  | 44.7  |





#34

Trichloroethene

Concen: 2.171 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW019431.D

Acq: 12 Jul 2021 14:22

Tgt Ion: 95 Resp: 13683

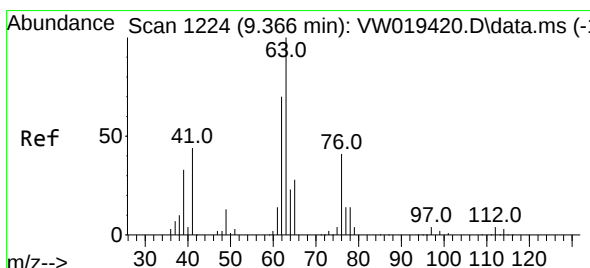
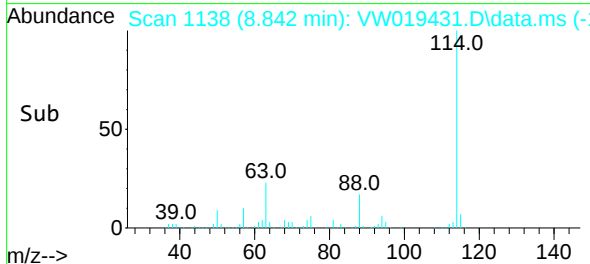
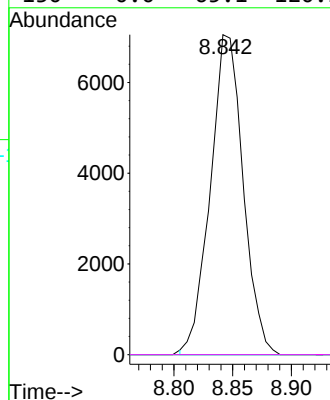
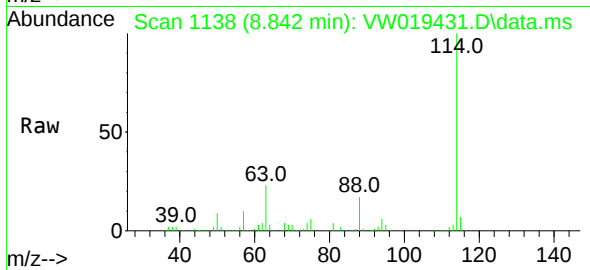
Ion Ratio Lower Upper

95 100

97 0.0 47.3 87.8#

132 0.0 71.0 131.8#

130 0.0 65.1 120.9#



#37

1,2-Dichloropropane

Concen: 2.718 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW019431.D

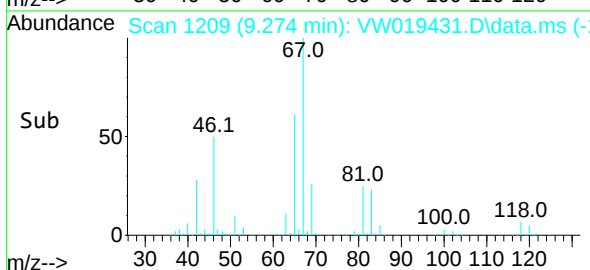
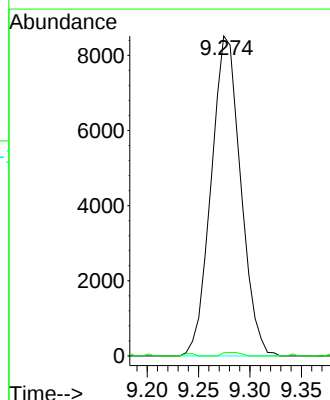
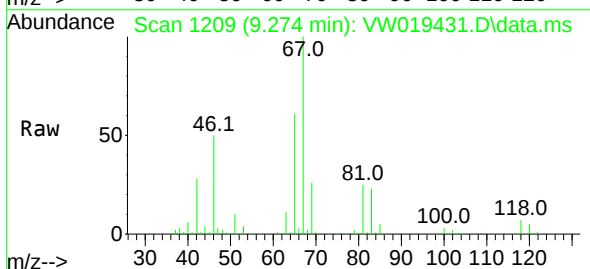
Acq: 12 Jul 2021 14:22

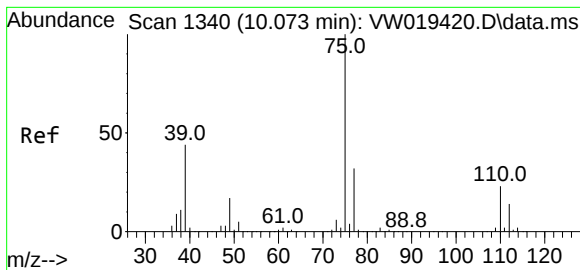
Tgt Ion: 63 Resp: 17008

Ion Ratio Lower Upper

63 100

112 0.7 3.9 5.9#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.393 ug/L  
 RT: 10.037 min Scan# 1334  
 Delta R.T. -0.036 min  
 Lab File: VW019431.D  
 Acq: 12 Jul 2021 14:22

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 75 Resp: 3760  
 Ion Ratio Lower Upper  
 75 100  
 77 55.4 22.6 42.0#

