

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070921\  
 Data File : VW019411.D  
 Acq On : 09 Jul 2021 20:49  
 Operator : SY/VA  
 Sample : M2970-07  
 Misc : 3.91G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 10 01:04:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jul 10 00:58:28 2021  
 Response via : Initial Calibration

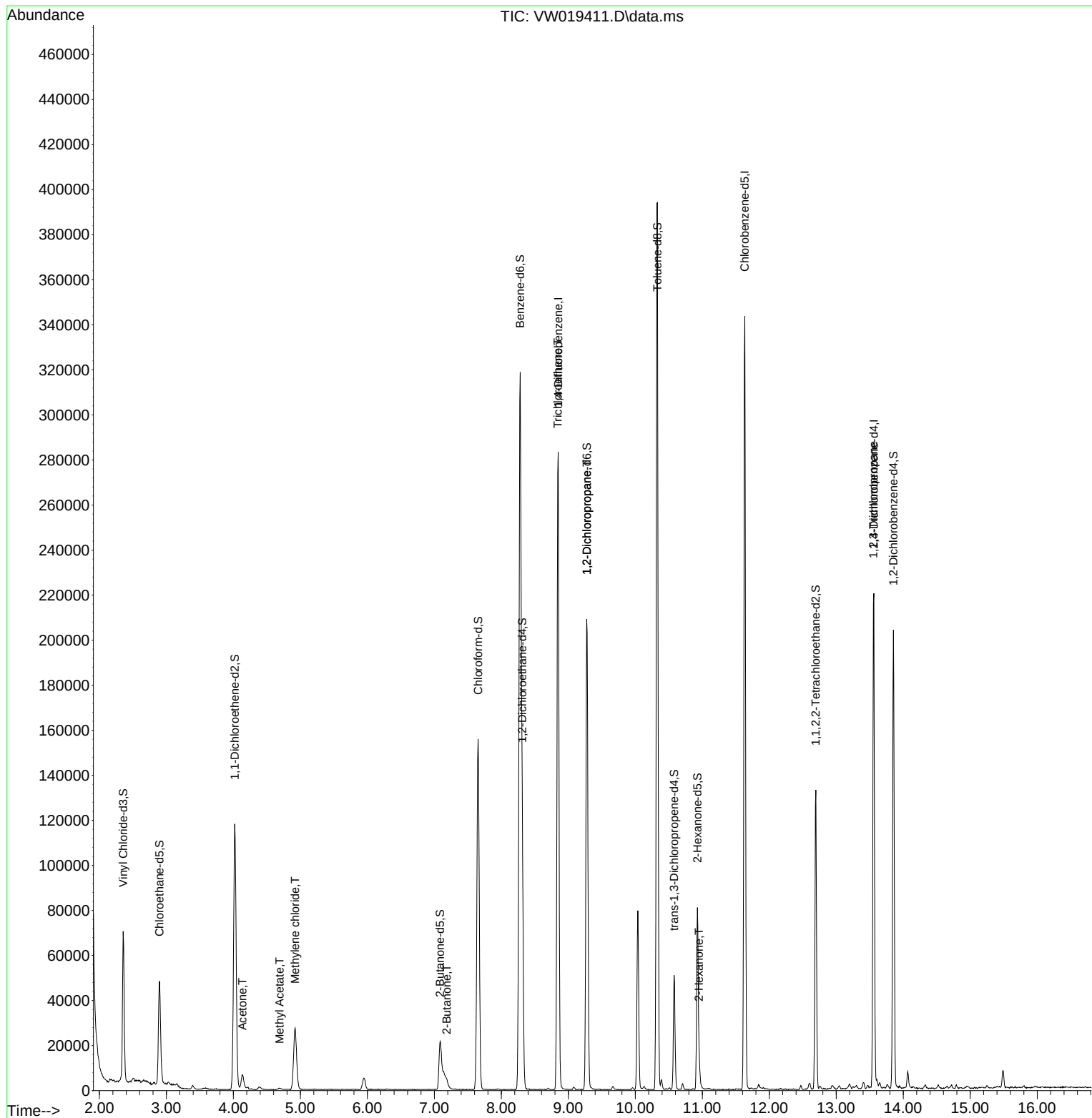
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 234293   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 193419   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 58574    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 69672    | 20.988   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.960%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 59720    | 25.227   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 100.920% |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 117127   | 18.286   | ug/L   | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 73.160%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 36141    | 37.510   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.020%  |
| 24) Chloroform-d              | 7.653  | 84    | 163218   | 25.212   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 100.840% |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 89112    | 25.084   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 100.320% |
| 32) Benzene-d6                | 8.281  | 84    | 327085   | 28.409   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 113.640% |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 104482   | 29.115   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 116.480% |
| 41) Toluene-d8                | 10.329 | 98    | 267635   | 25.782   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 103.120% |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 29432    | 19.151   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 76.600%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 26439    | 39.712   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 79.420%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 67818    | 23.388   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 93.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 53536    | 25.905   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 103.600% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.135  | 43    | 12144    | 17.105   | ug/L   | 88       |
| 15) Methyl Acetate            | 4.690  | 43    | 1273     | 0.806    | ug/L # | 56       |
| 16) Methylene chloride        | 4.922  | 84    | 21263    | 4.552    | ug/L   | 98       |
| 22) 2-Butanone                | 7.183  | 43    | 9303     | 8.469    | ug/L   | 81       |
| 34) Trichloroethene           | 8.842  | 95    | 7284     | 2.357    | ug/L # | 5        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 10974    | 3.577    | ug/L # | 88       |
| 48) 2-Hexanone                | 10.951 | 43    | 3980     | 3.018    | ug/L # | 39       |
| 61) 1,2,3-Trichloropropane    | 13.554 | 75    | 7633     | 5.949    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

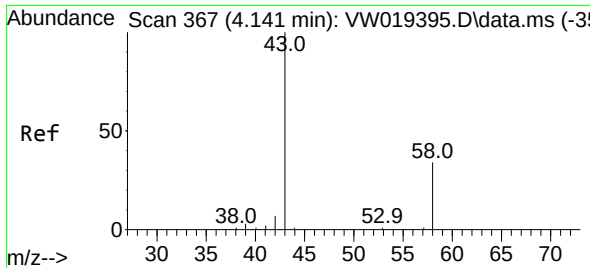
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 27 Sample Multiplier: 1

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MSVOA\_W  
ClientSampleId :

Quant Time: Jul 10 01:04:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Jul 10 00:58:28 2021  
Response via : Initial Calibration

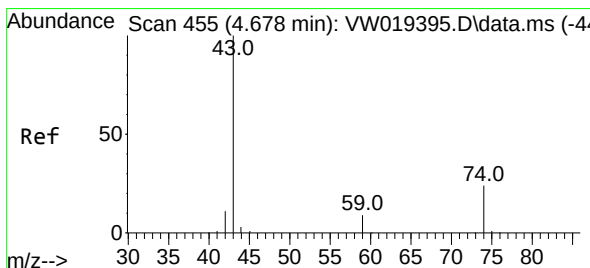
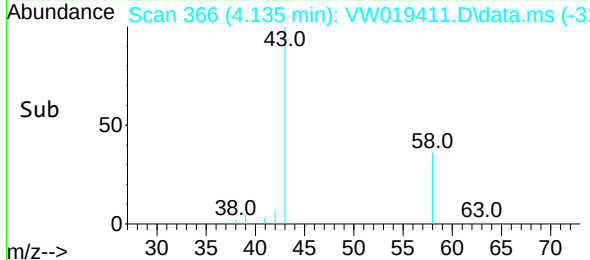
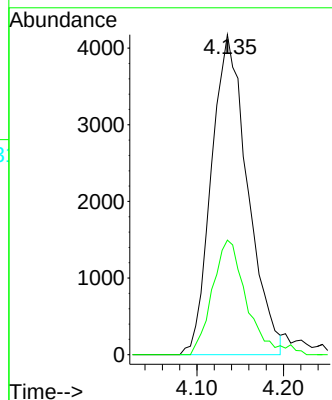
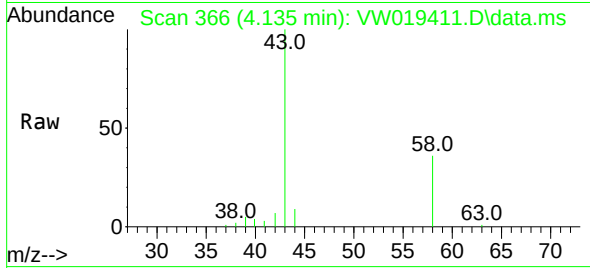




#13  
Acetone  
Concen: 17.105 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VW019411.D  
Acq: 09 Jul 2021 20:49

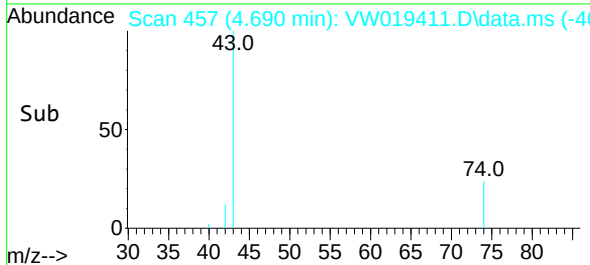
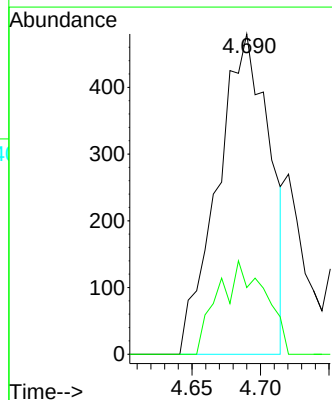
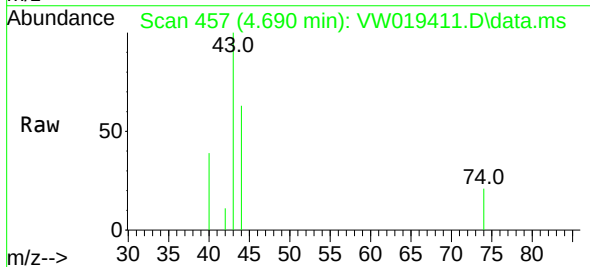
Instrument :  
MSVOA\_W  
ClientSampleId :

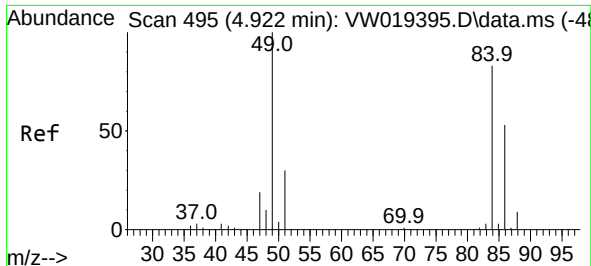
Tgt Ion: 43 Resp: 12144  
Ion Ratio Lower Upper  
43 100  
58 33.3 0.0 53.8



#15  
Methyl Acetate  
Concen: 0.806 ug/L  
RT: 4.690 min Scan# 457  
Delta R.T. 0.012 min  
Lab File: VW019411.D  
Acq: 09 Jul 2021 20:49

Tgt Ion: 43 Resp: 1273  
Ion Ratio Lower Upper  
43 100  
74 2.8 20.0 30.0#



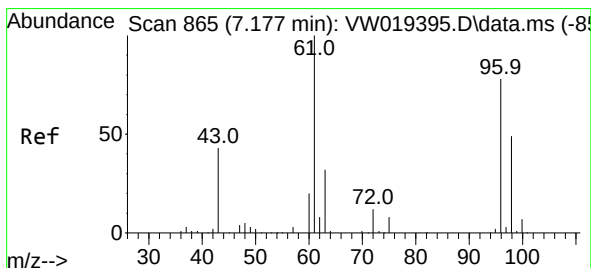
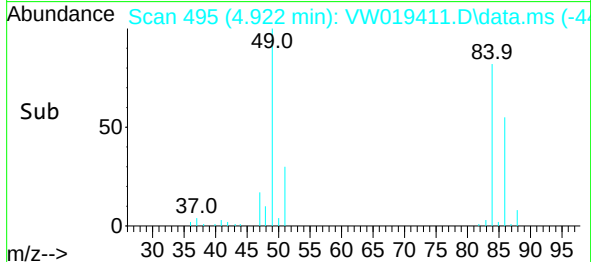
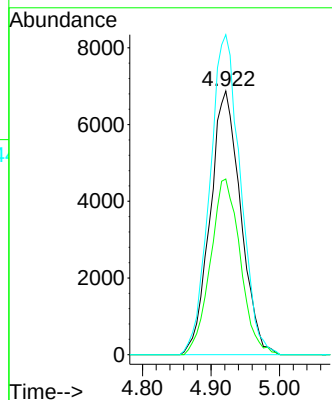
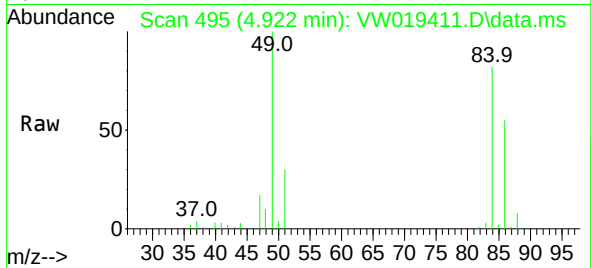


#16  
Methylene chloride  
Concen: 4.552 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW019411.D  
Acq: 09 Jul 2021 20:49

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 84 Resp: 21263

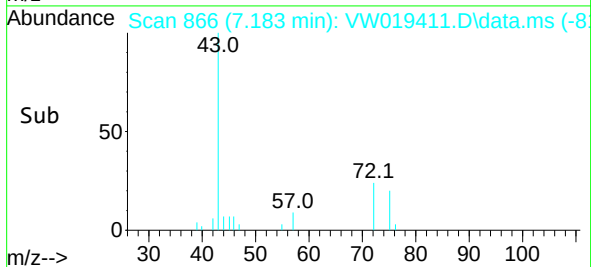
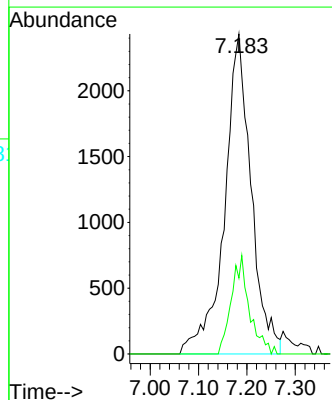
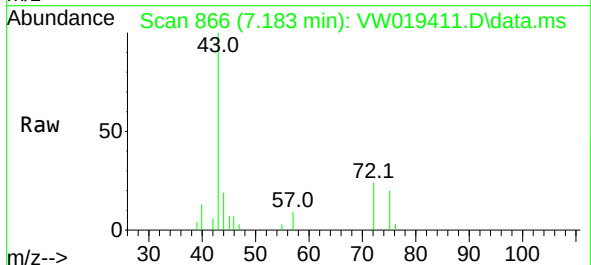
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 66.6  | 45.3  | 84.1  |
| 49  | 121.4 | 86.6  | 160.8 |

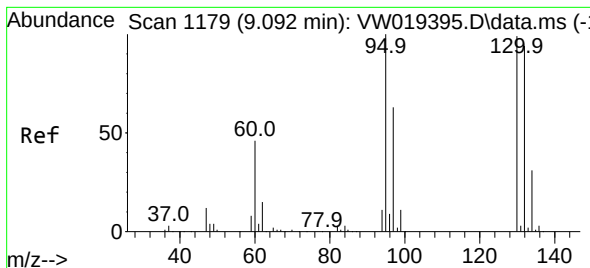


#22  
2-Butanone  
Concen: 8.469 ug/L  
RT: 7.183 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: VW019411.D  
Acq: 09 Jul 2021 20:49

Tgt Ion: 43 Resp: 9303

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 19.6  | 14.9  | 44.7  |





#34

Trichloroethene

Concen: 2.357 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW019411.D

Acq: 09 Jul 2021 20:49

Tgt Ion: 95 Resp: 7284

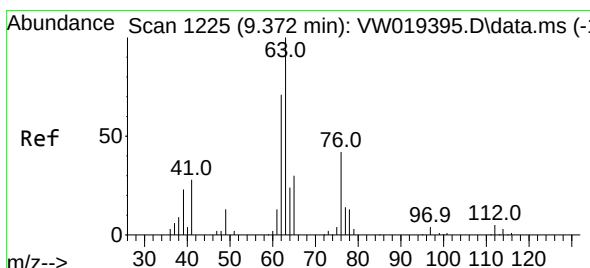
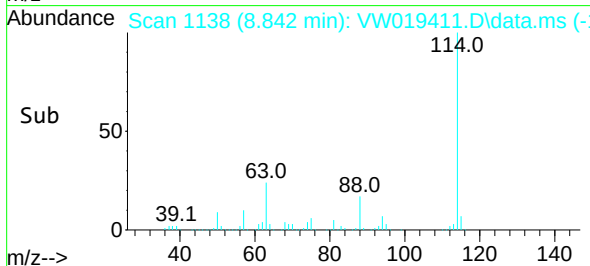
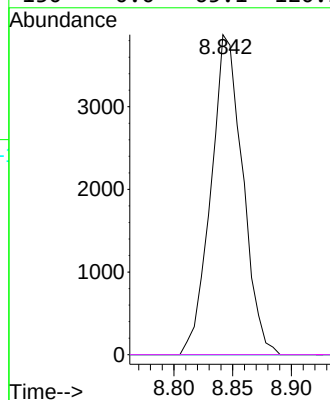
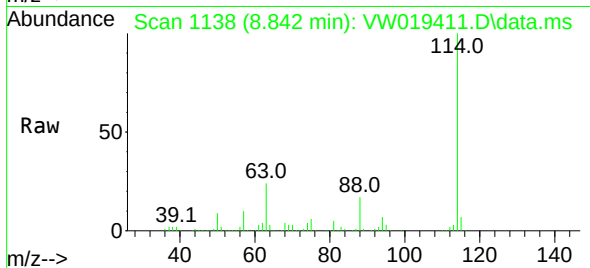
Ion Ratio Lower Upper

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: 3.577 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.098 min

Lab File: VW019411.D

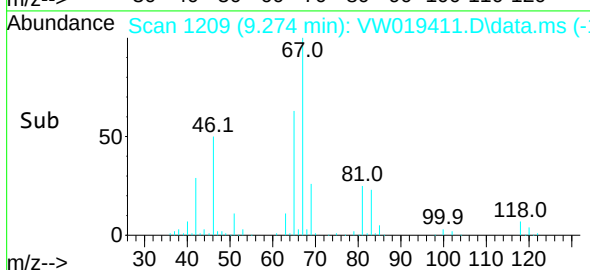
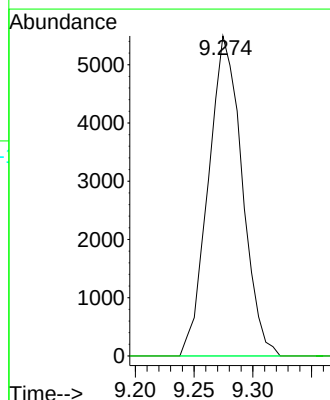
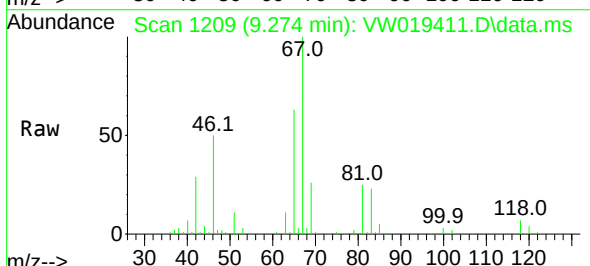
Acq: 09 Jul 2021 20:49

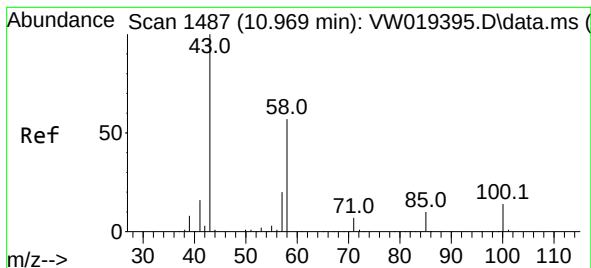
Tgt Ion: 63 Resp: 10974

Ion Ratio Lower Upper

63 100

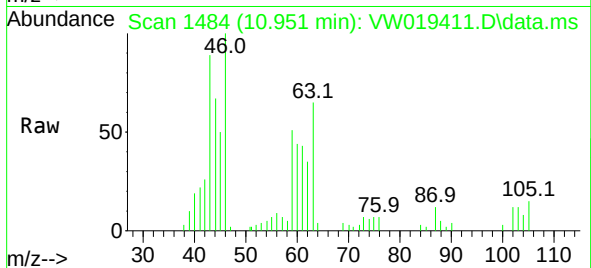
112 0.9 3.9 5.9#



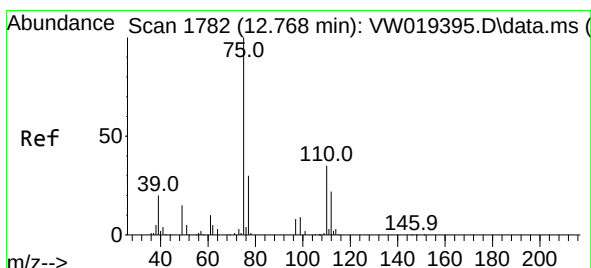
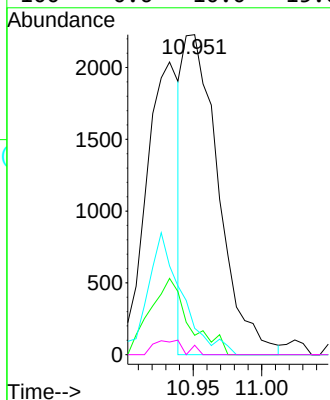
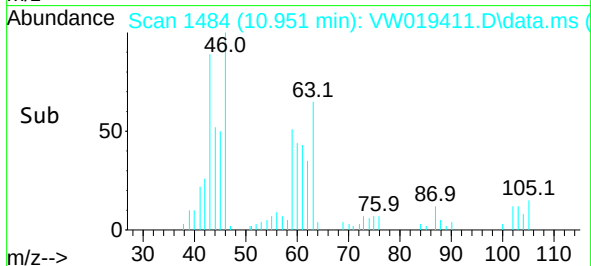


#48  
2-Hexanone  
Concen: 3.018 ug/L  
RT: 10.951 min Scan# 1484  
Delta R.T. -0.018 min  
Lab File: VW019411.D  
Acq: 09 Jul 2021 20:49

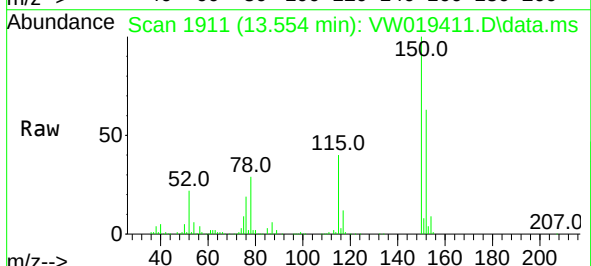
Instrument :  
MSVOA\_W  
ClientSampled :



| Tgt Ion:  | 43  | Resp: | 3980  |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 58        | 0.0 | 42.7  | 64.1# |
| 57        | 0.0 | 15.8  | 23.8# |
| 100       | 0.6 | 10.0  | 15.0# |



#61  
1,2,3-Trichloropropane  
Concen: 5.949 ug/L  
RT: 13.554 min Scan# 1911  
Delta R.T. 0.787 min  
Lab File: VW019411.D  
Acq: 09 Jul 2021 20:49



| Tgt Ion:  | 75   | Resp: | 7633  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 77        | 29.7 | 25.3  | 37.9  |
| 110       | 2.3  | 32.6  | 48.8# |

