

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101921\  
 Data File : VW020626.D  
 Acq On : 19 Oct 2021 23:37  
 Operator : SY/VA  
 Sample : M4263-09  
 Misc : 5.24g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 20 05:29:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 20 02:32:07 2021  
 Response via : Initial Calibration

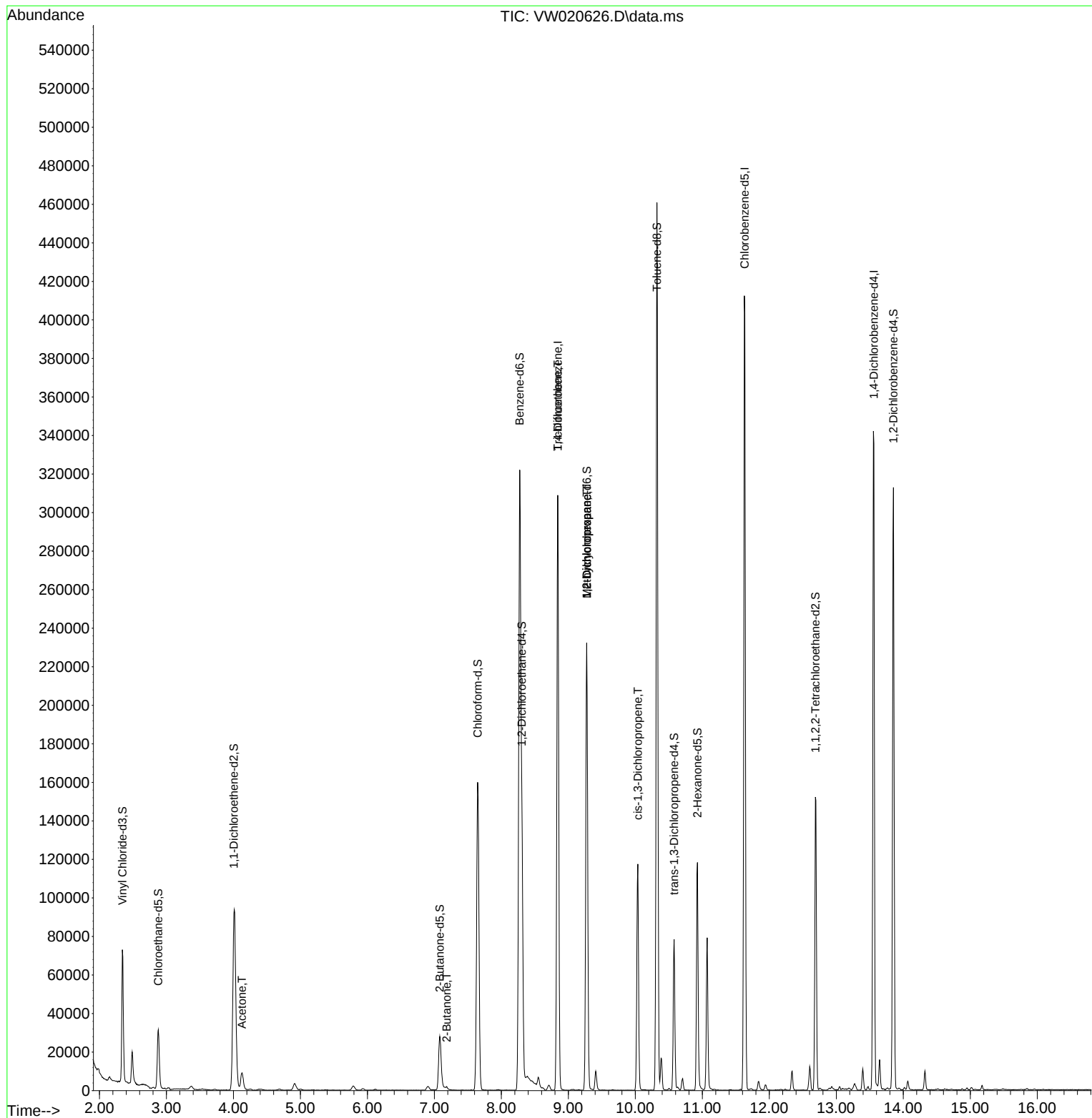
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 227428   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 209613   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 83402    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 65636    | 19.834   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 79.320%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 33230    | 19.009   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 76.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 96795    | 14.274   | ug/L   | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.080%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 48011    | 47.671   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 95.340%  |
| 24) Chloroform-d              | 7.647  | 84    | 158177   | 21.819   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 87.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 96426    | 23.289   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 93.160%  |
| 32) Benzene-d6                | 8.274  | 84    | 304466   | 22.082   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 88.320%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 103600   | 23.055   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 92.200%  |
| 41) Toluene-d8                | 10.323 | 98    | 278920   | 22.546   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 90.200%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 40379    | 22.112   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 88.440%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 36106    | 52.230   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 104.460% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 75726    | 22.294   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 89.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 73422    | 22.505   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 90.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 4.129  | 43    | 16353    | 17.686   | ug/L   | 98       |
| 22) 2-Butanone                | 7.183  | 43    | 2639     | 2.280    | ug/L   | 89       |
| 34) Trichloroethene           | 8.841  | 95    | 7359     | 2.001    | ug/L # | 8        |
| 35) Methylcyclohexane         | 9.274  | 83    | 24214    | 3.847    | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 12101    | 3.130    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 2944     | 0.552    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

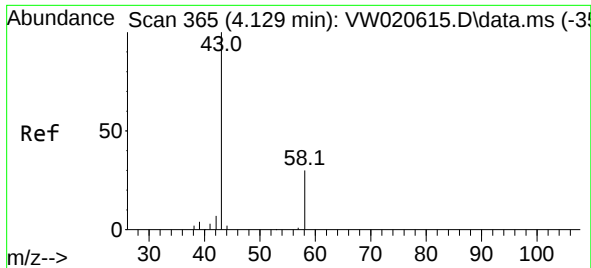
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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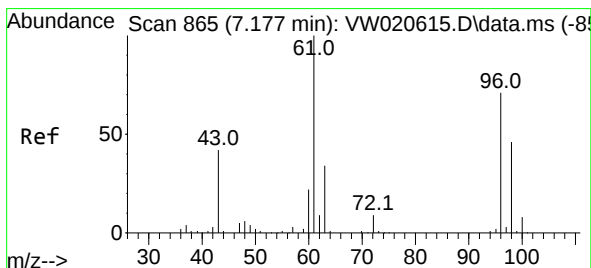
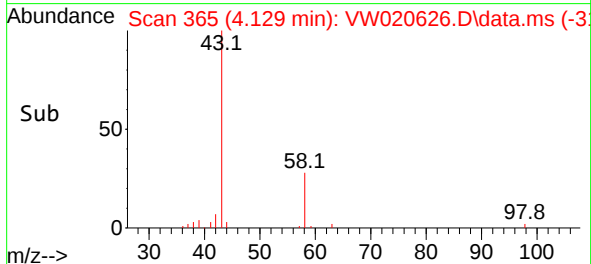
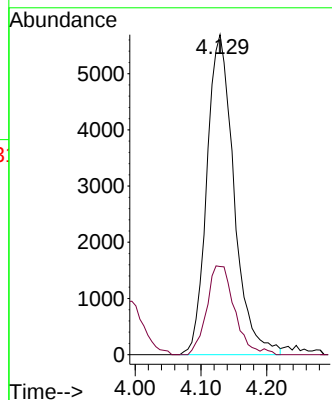
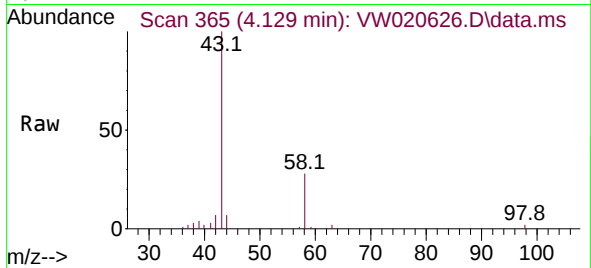




#13  
Acetone  
Concen: 17.686 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VW020626.D  
Acq: 19 Oct 2021 23:37

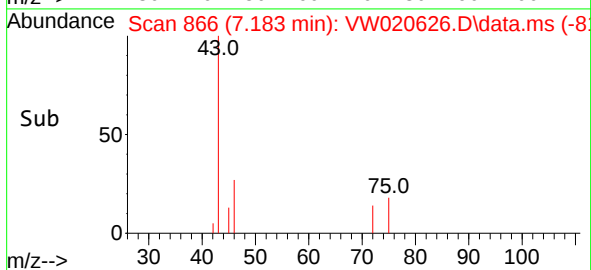
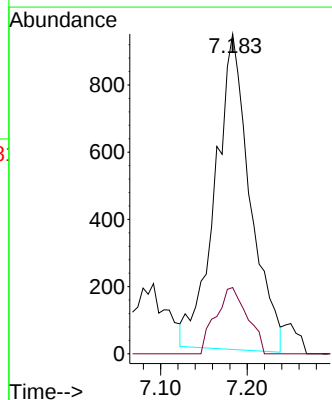
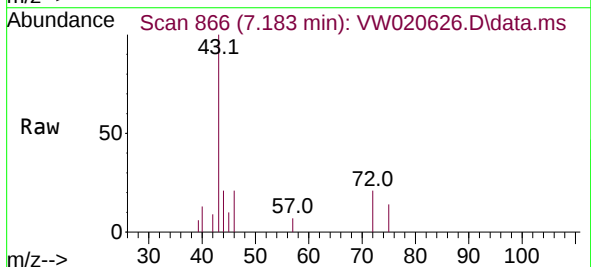
Instrument :  
MSVOA\_W  
ClientSampled :

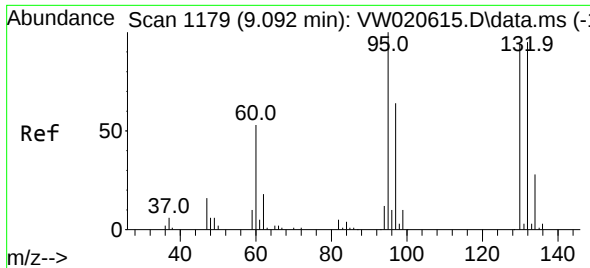
Tgt Ion: 43 Resp: 16353  
Ion Ratio Lower Upper  
43 100  
58 27.9 0.0 58.4



#22  
2-Butanone  
Concen: 2.280 ug/L  
RT: 7.183 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: VW020626.D  
Acq: 19 Oct 2021 23:37

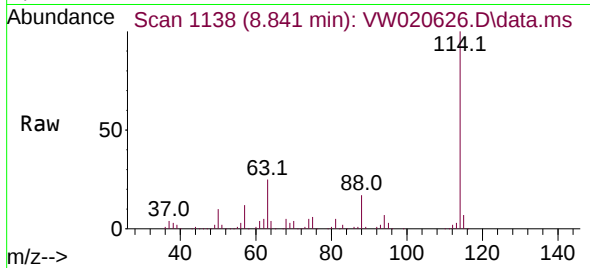
Tgt Ion: 43 Resp: 2639  
Ion Ratio Lower Upper  
43 100  
72 18.9 12.2 36.6





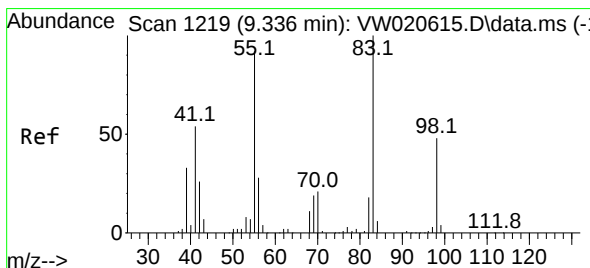
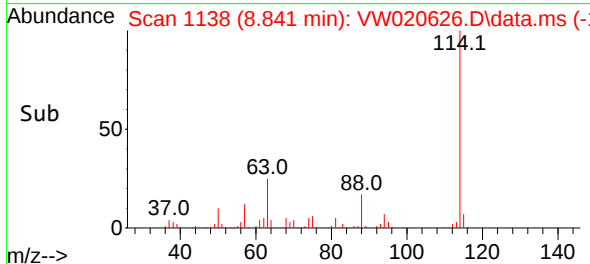
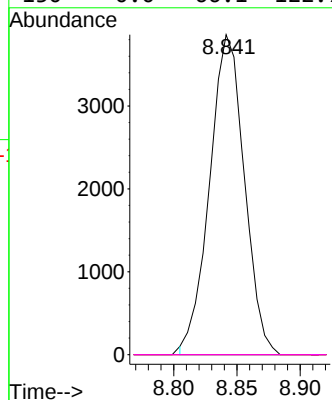
#34  
 Trichloroethene  
 Concen: 2.001 ug/L  
 RT: 8.841 min Scan# 1138  
 Delta R.T. -0.250 min  
 Lab File: VW020626.D  
 Acq: 19 Oct 2021 23:37

Instrument :  
 MSVOA\_W  
 ClientSampled :



Tgt Ion: 95 Resp: 7359

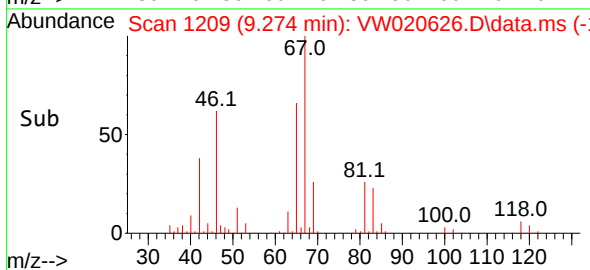
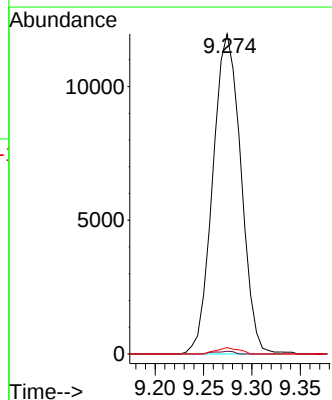
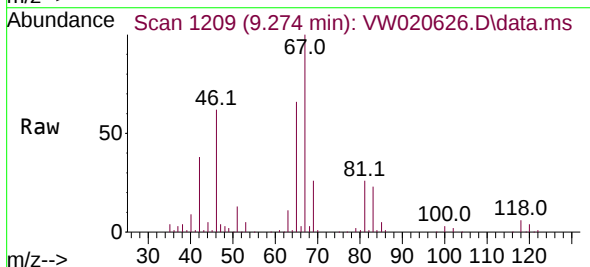
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 95  | 100   |       |        |
| 97  | 0.0   | 43.2  | 80.2#  |
| 132 | 0.0   | 62.3  | 115.7# |
| 130 | 0.0   | 66.1  | 122.7# |

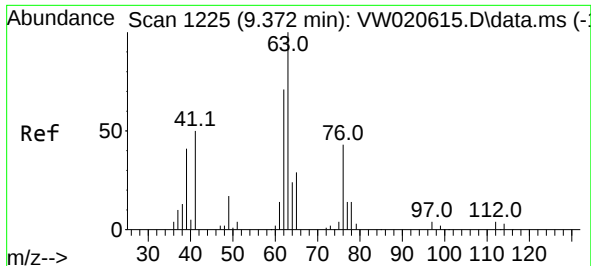


#35  
 Methylcyclohexane  
 Concen: 3.847 ug/L  
 RT: 9.274 min Scan# 1209  
 Delta R.T. -0.061 min  
 Lab File: VW020626.D  
 Acq: 19 Oct 2021 23:37

Tgt Ion: 83 Resp: 24214

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 83  | 100   |       |        |
| 55  | 0.6   | 69.7  | 104.5# |
| 98  | 1.6   | 38.2  | 57.2#  |





#37

1,2-Dichloropropane

Concen: 3.130 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.098 min

Lab File: VW020626.D

Acq: 19 Oct 2021 23:37

Tgt Ion: 63 Resp: 12101

Ion Ratio Lower Upper

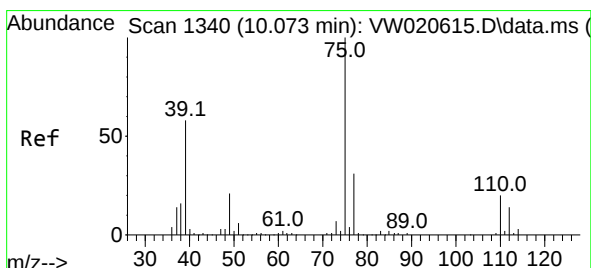
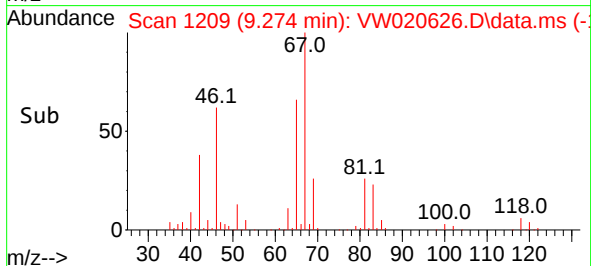
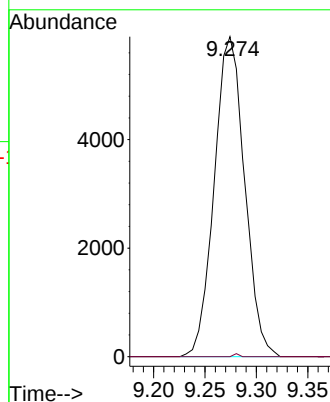
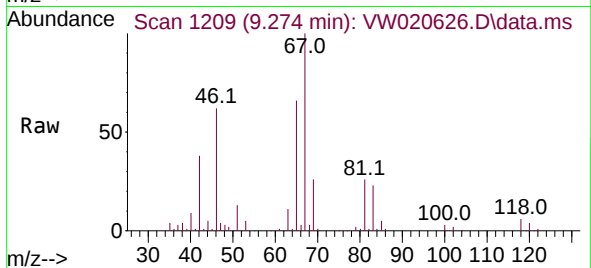
63 100

112 0.0 3.5 5.3#

Instrument :

MSVOA\_W

ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 0.552 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW020626.D

Acq: 19 Oct 2021 23:37

Tgt Ion: 75 Resp: 2944

Ion Ratio Lower Upper

75 100

77 50.7 22.4 41.6#

