

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040721\  
 Data File : VW018576.D  
 Acq On : 07 Apr 2021 13:18  
 Operator : SY/VA  
 Sample : M1881-19  
 Misc : 6.20G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 08 05:35:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 08 05:34:15 2021  
 Response via : Initial Calibration

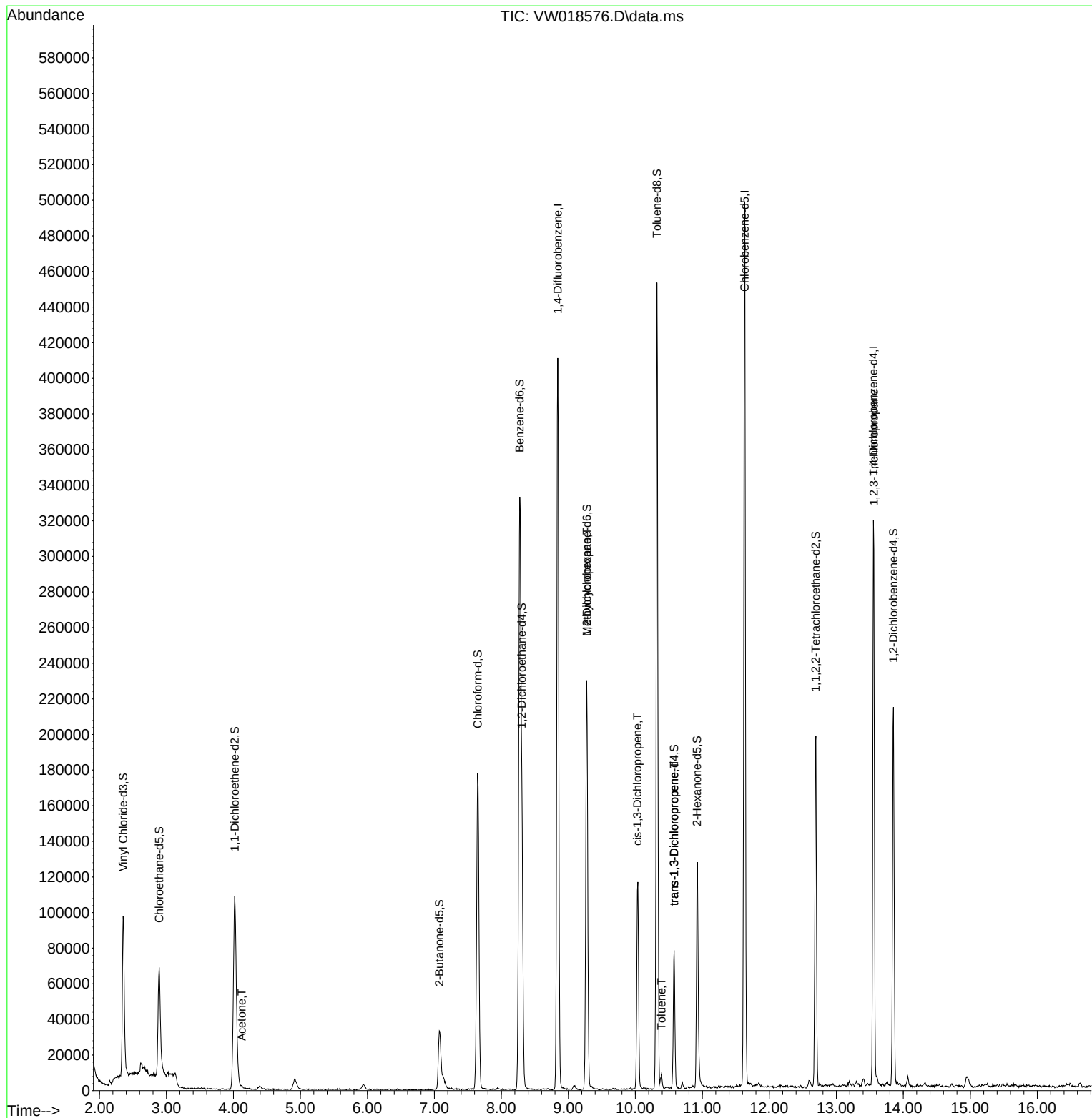
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 345915   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 271498   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 79833    | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 110256   | 22.90    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 91.60%   |
| 7) Chloroethane-d5            | 2.891  | 69    | 81464    | 19.33    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.32%   |
| 10) 1,1-Dichloroethene-d2     | 4.019  | 63    | 120375   | 14.48    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.92%   |
| 20) 2-Butanone-d5             | 7.074  | 46    | 53964    | 50.35    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 100.70%  |
| 24) Chloroform-d              | 7.647  | 84    | 177233   | 20.12    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 80.48%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 114159   | 22.20    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 88.80%   |
| 29) Benzene-d6                | 8.275  | 84    | 341274   | 23.65    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 94.60%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 102509   | 24.62    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 98.48%   |
| 37) Toluene-d8                | 10.323 | 98    | 298697   | 21.49    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.96%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 42674    | 19.87    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 79.48%   |
| 39) 2-Hexanone-d5             | 10.920 | 63    | 43033    | 52.82    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 105.64%  |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 92244    | 24.77    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 99.08%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 54535    | 19.21    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 76.84%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.123  | 43    | 775      | 1.01     | ug/L   | 96       |
| 36) Methylcyclohexane         | 9.274  | 83    | 27488    | 3.61     | ug/L   | # 21     |
| 42) cis-1,3-Dichloropropene   | 10.030 | 75    | 3454     | 0.53     | ug/L   | 97       |
| 44) Toluene                   | 10.390 | 91    | 4945     | 0.28     | ug/L   | 83       |
| 45) trans-1,3-Dichloropropene | 10.579 | 75    | 2269     | 0.39     | ug/L   | 92       |
| 59) 1,2,3-Trichloropropane    | 13.560 | 75    | 10619    | 3.79     | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

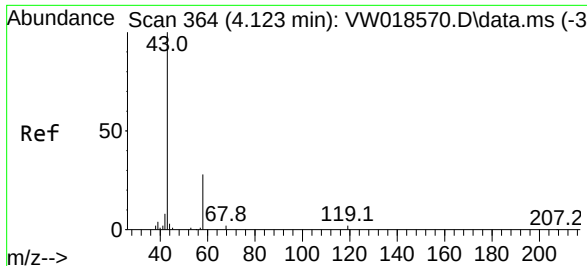
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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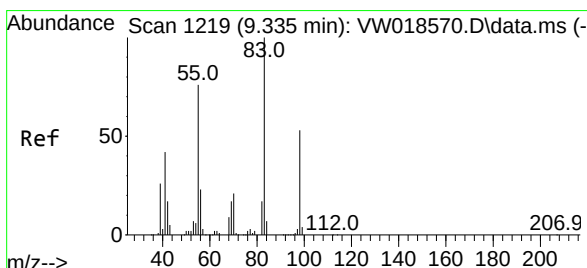
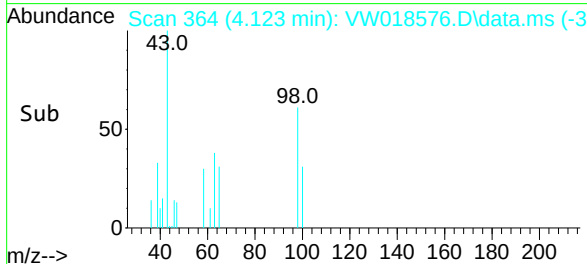
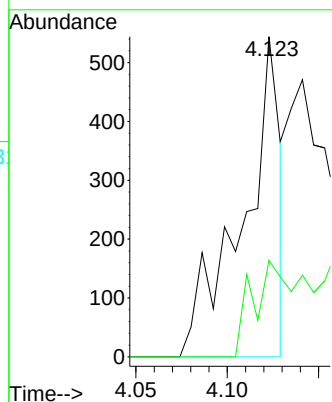
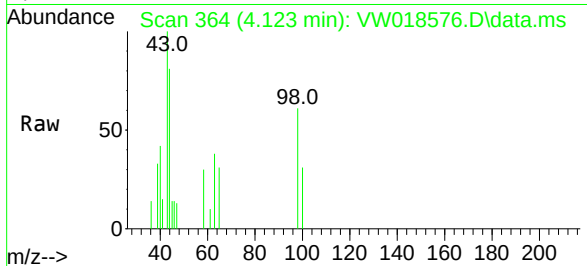




#13  
Acetone  
Concen: 1.01 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: VW018576.D  
Acq: 07 Apr 2021 13:18

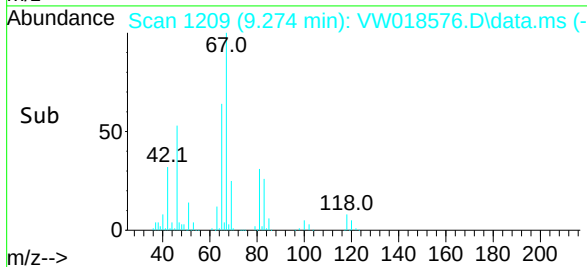
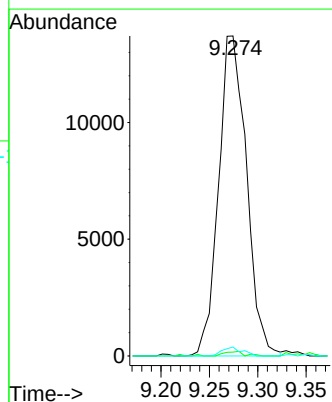
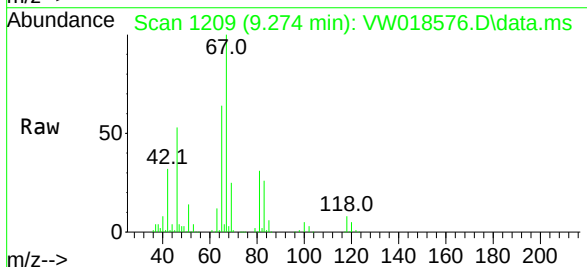
Instrument :  
MSVOA\_W  
ClientSampled :

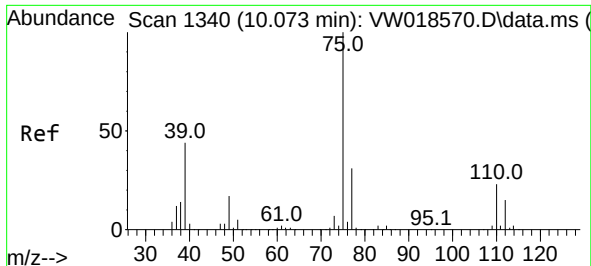
Tgt Ion: 43 Resp: 775  
Ion Ratio Lower Upper  
43 100  
58 28.9 0.0 62.2



#36  
Methylcyclohexane  
Concen: 3.61 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW018576.D  
Acq: 07 Apr 2021 13:18

Tgt Ion: 83 Resp: 27488  
Ion Ratio Lower Upper  
83 100  
55 0.8 56.8 85.2#  
98 2.0 40.6 61.0#

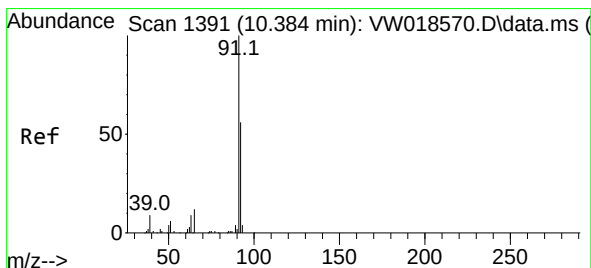
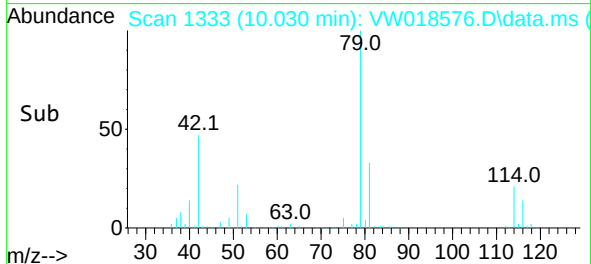
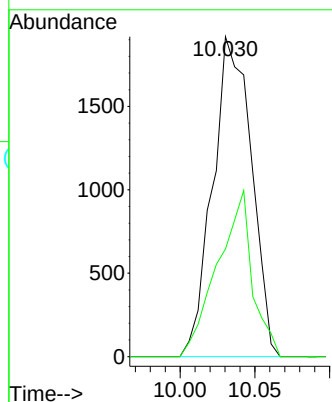
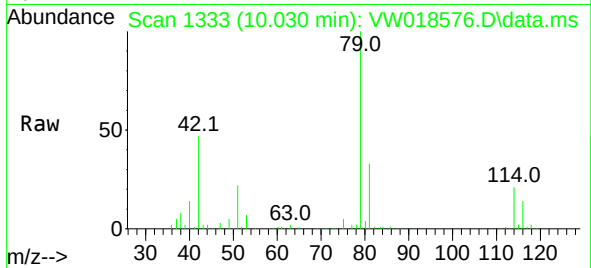




#42  
cis-1,3-Dichloropropene  
Concen: 0.53 ug/L  
RT: 10.030 min Scan# 1333  
Delta R.T. -0.043 min  
Lab File: VW018576.D  
Acq: 07 Apr 2021 13:18

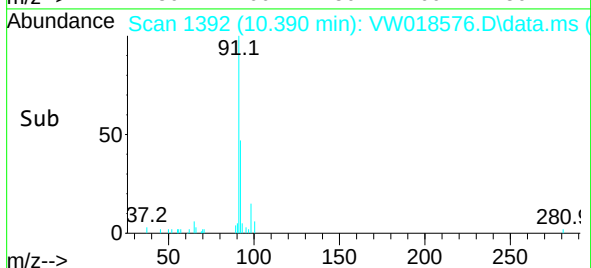
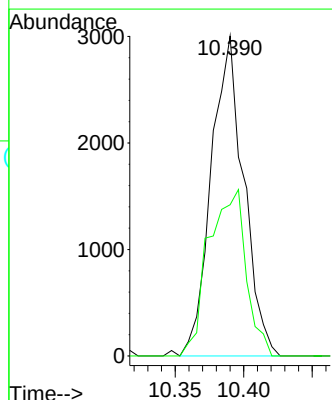
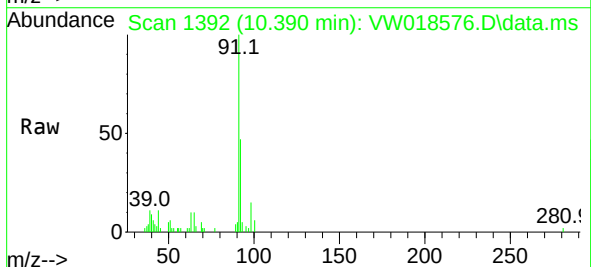
Instrument :  
MSVOA\_W  
ClientSampleId :

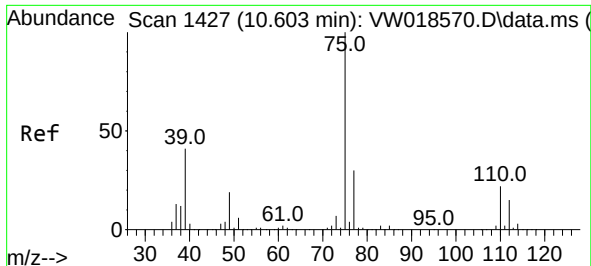
Tgt Ion: 75 Resp: 3454  
Ion Ratio Lower Upper  
75 100  
77 33.6 22.4 41.6



#44  
Toluene  
Concen: 0.28 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.006 min  
Lab File: VW018576.D  
Acq: 07 Apr 2021 13:18

Tgt Ion: 91 Resp: 4945  
Ion Ratio Lower Upper  
91 100  
92 47.3 42.3 78.5

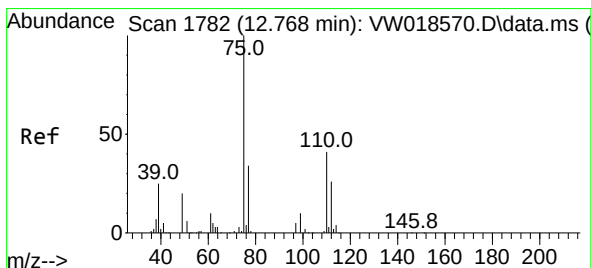
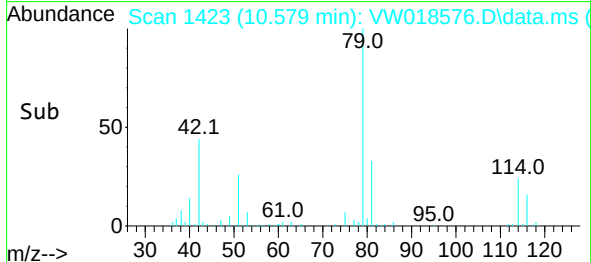
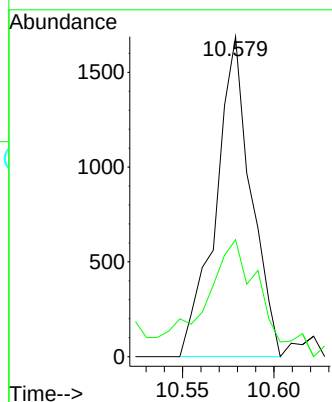
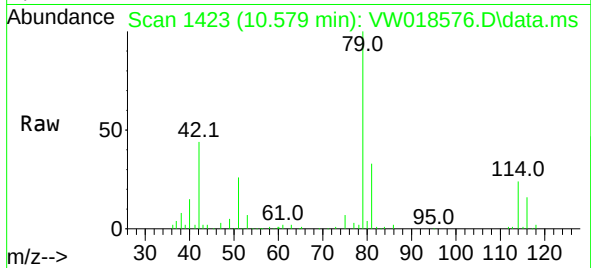




#45  
trans-1,3-Dichloropropene  
Concen: 0.39 ug/L  
RT: 10.579 min Scan# 1423  
Delta R.T. -0.024 min  
Lab File: VW018576.D  
Acq: 07 Apr 2021 13:18

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 75 Resp: 2269  
Ion Ratio Lower Upper  
75 100  
77 36.6 22.6 42.0



#59  
1,2,3-Trichloropropane  
Concen: 3.79 ug/L  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.793 min  
Lab File: VW018576.D  
Acq: 07 Apr 2021 13:18

Tgt Ion: 75 Resp: 10619  
Ion Ratio Lower Upper  
75 100  
77 34.3 25.6 38.4

