

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040521\  
 Data File : VW018553.D  
 Acq On : 05 Apr 2021 12:50  
 Operator : SY/VA  
 Sample : VW0405SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK19

Quant Time: Apr 06 01:18:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 06 01:17:41 2021  
 Response via : Initial Calibration

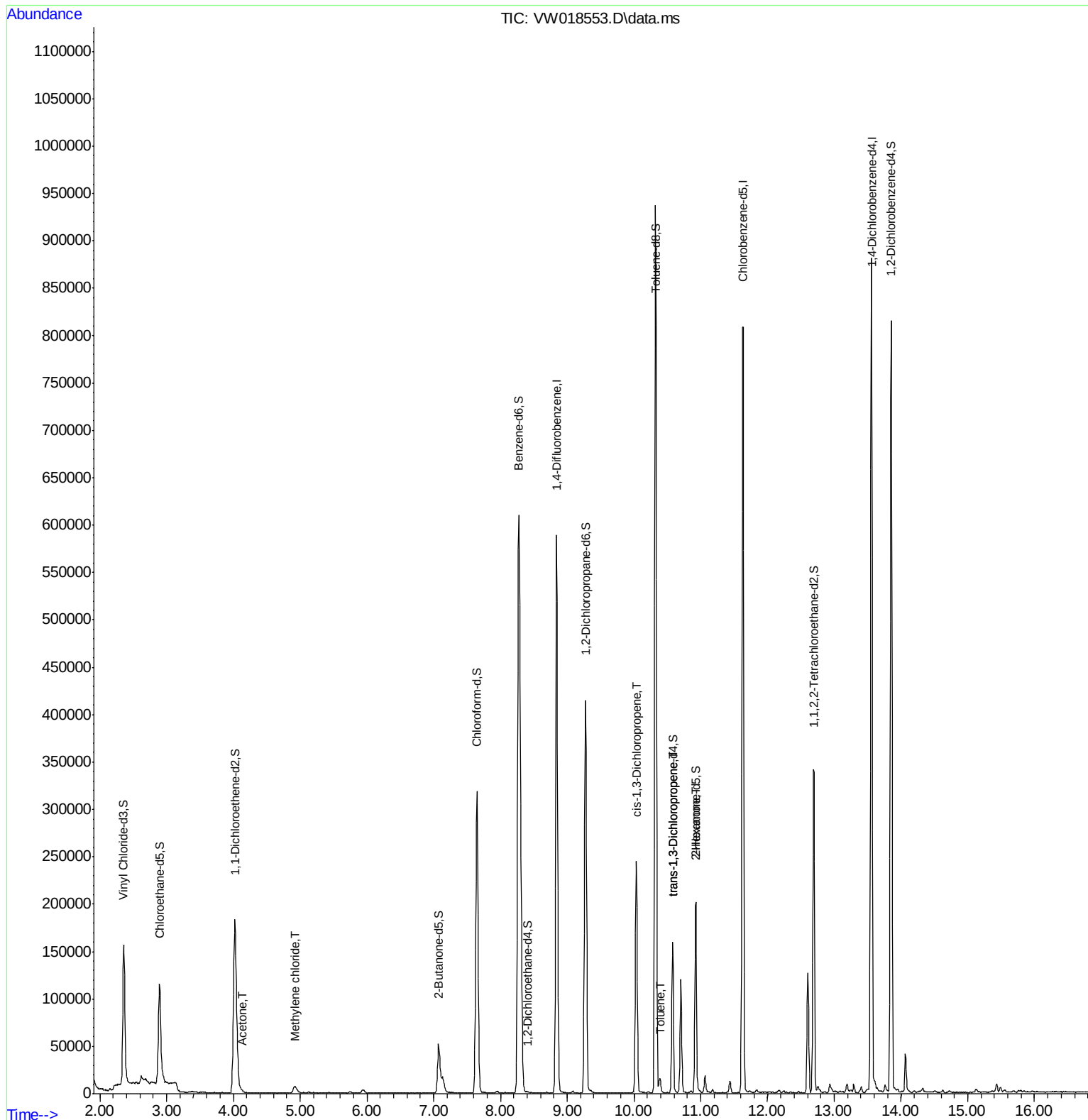
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 480985     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 444623     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 216642     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 191635     | 28.63   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 114.52% |        |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 147102     | 25.11   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 100.44% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 214103     | 18.53   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 74.12%  |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 84486      | 56.70   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 113.40% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 323657     | 26.42   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 105.68% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.409          | 65   | 122        | 0.02    | ug/L   | 0.10     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 0.08%#  |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 627221     | 26.54   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 106.16% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 185546     | 27.21   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 108.84% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 600558     | 26.39   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 105.56% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 85423      | 24.29   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 97.16%  |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 69238      | 51.89   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 103.78% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 164805     | 27.02   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 108.08% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 203092     | 26.37   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 105.48% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 13) Acetone                   | 4.135          | 43   | 1437       | 1.34    | ug/L   | 53       |
| 16) Methylene chloride        | 4.922          | 84   | 5741       | 0.73    | ug/L   | 89       |
| 42) cis-1,3-Dichloropropene   | 10.037         | 75   | 7510       | 0.71    | ug/L   | 86       |
| 44) Toluene                   | 10.390         | 91   | 10145      | 0.35    | ug/L   | 84       |
| 45) trans-1,3-Dichloropropene | 10.579         | 75   | 4406       | 0.46    | ug/L   | 88       |
| 49) 2-Hexanone                | 10.921         | 43   | 7834       | 2.92    | ug/L # | 65       |
| -----                         |                |      |            |         |        |          |

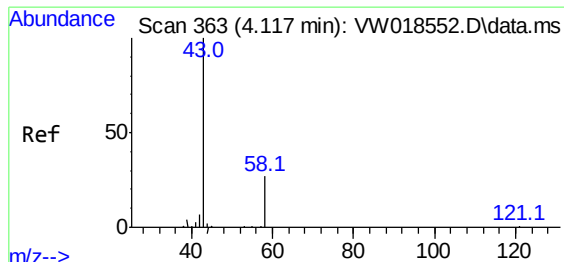
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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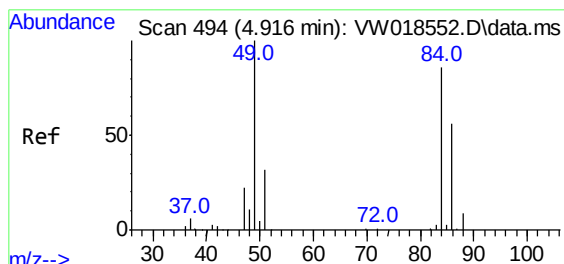
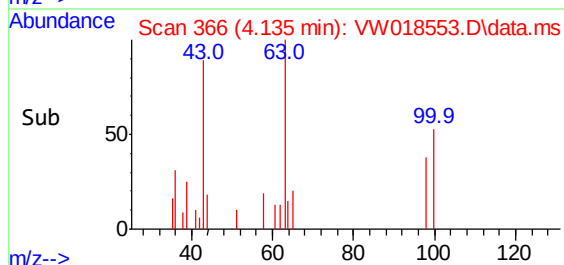
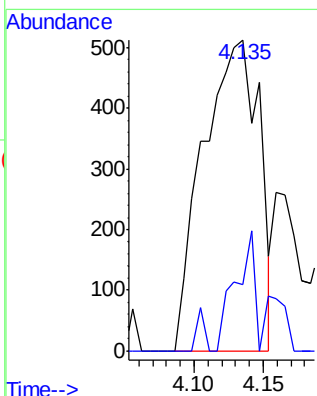
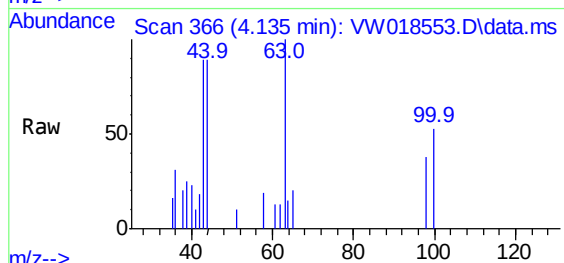




#13  
Acetone  
Concen: 1.34 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.018 min  
Lab File: VW018553.D  
Acq: 05 Apr 2021 12:50

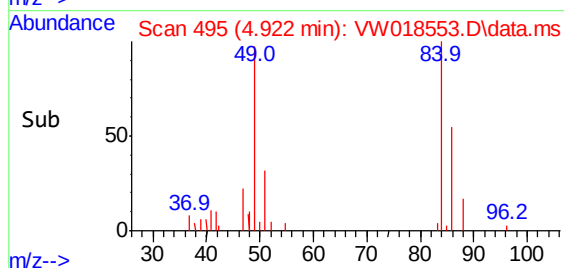
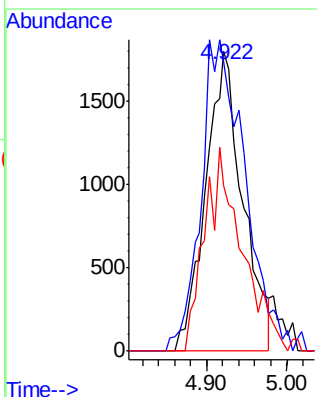
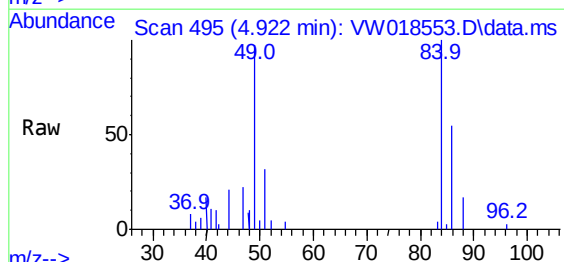
Instrument :  
MSVOA\_W  
ClientSampled :  
VBLK19

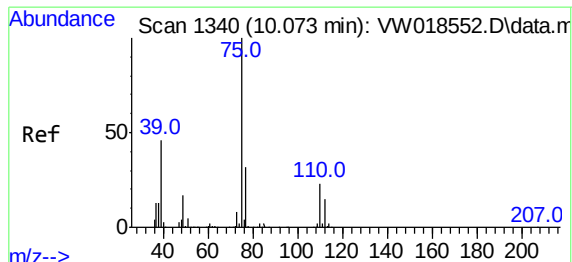
Tgt Ion: 43 Resp: 1437  
Ion Ratio Lower Upper  
43 100  
58 5.0 0.0 62.2



#16  
Methylene chloride  
Concen: 0.73 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW018553.D  
Acq: 05 Apr 2021 12:50

Tgt Ion: 84 Resp: 5741  
Ion Ratio Lower Upper  
84 100  
49 96.8 74.4 138.2  
86 55.0 46.1 85.7

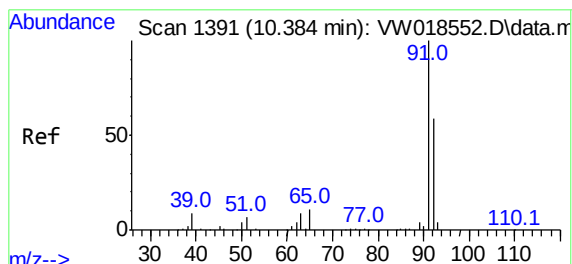
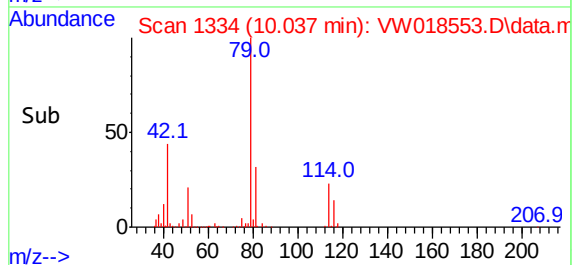
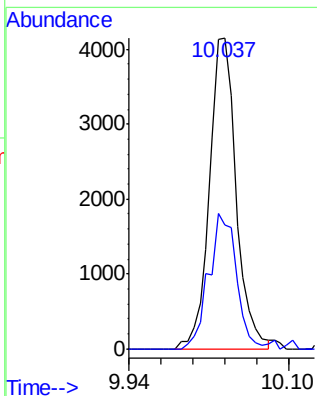
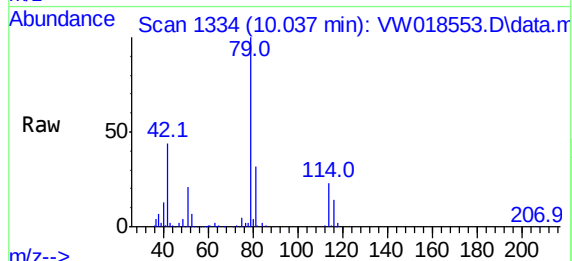




#42  
cis-1,3-Dichloropropene  
Concen: 0.71 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW018553.D  
Acq: 05 Apr 2021 12:50

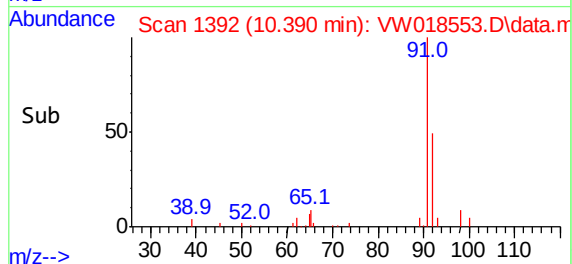
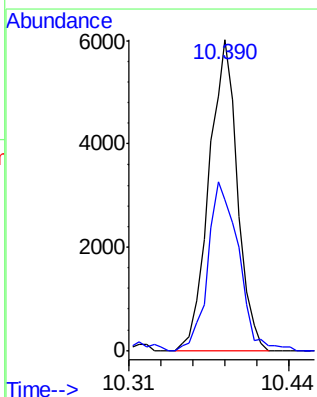
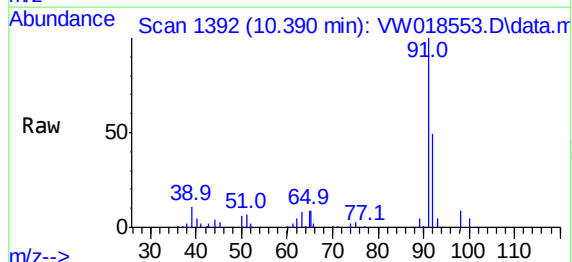
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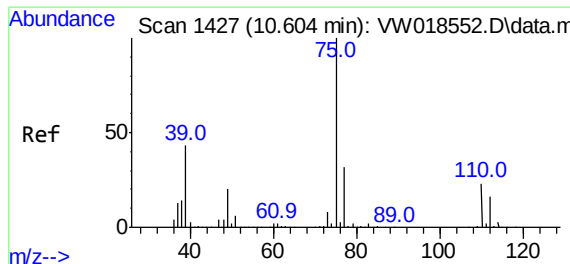
Tgt Ion: 75 Resp: 7510  
Ion Ratio Lower Upper  
75 100  
77 39.9 22.4 41.6



#44  
Toluene  
Concen: 0.35 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.006 min  
Lab File: VW018553.D  
Acq: 05 Apr 2021 12:50

Tgt Ion: 91 Resp: 10145  
Ion Ratio Lower Upper  
91 100  
92 48.6 42.3 78.5

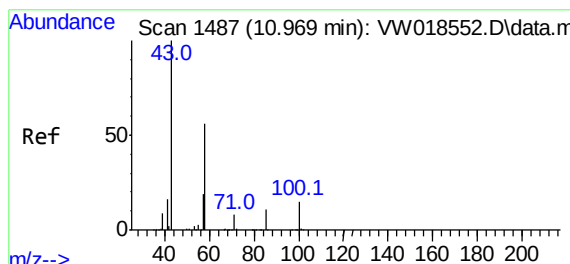
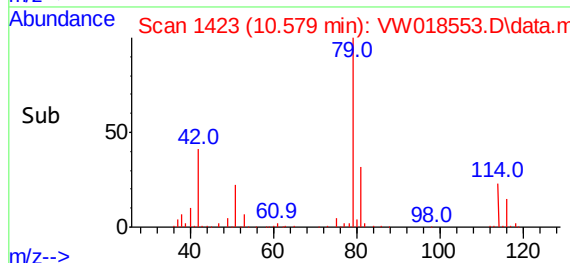
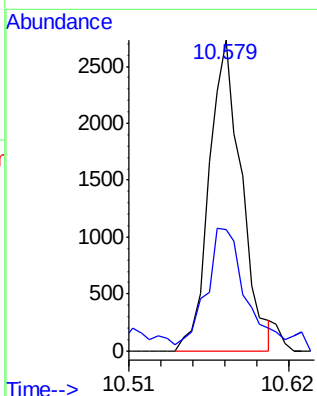
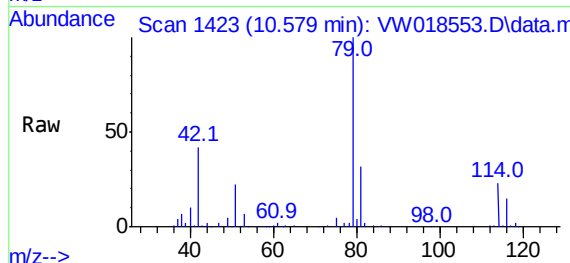




#45  
trans-1,3-Dichloropropene  
Concen: 0.46 ug/L  
RT: 10.579 min Scan# 1423  
Delta R.T. -0.024 min  
Lab File: VW018553.D  
Acq: 05 Apr 2021 12:50

Instrument :  
MSVOA\_W  
ClientSampled :  
VBLK19

Tgt Ion: 75 Resp: 4406  
Ion Ratio Lower Upper  
75 100  
77 39.1 22.6 42.0



#49  
2-Hexanone  
Concen: 2.92 ug/L  
RT: 10.921 min Scan# 1479  
Delta R.T. -0.049 min  
Lab File: VW018553.D  
Acq: 05 Apr 2021 12:50

Tgt Ion: 43 Resp: 7834  
Ion Ratio Lower Upper  
43 100  
58 28.2 47.3 70.9#  
57 28.8 17.3 25.9#  
100 0.0 12.9 19.3#

