

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021221\  
 Data File : VW018100.D  
 Acq On : 12 Feb 2021 11:12  
 Operator : SY/VA  
 Sample : M1371-02  
 Misc : 7.34G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBH14

Quant Time: Feb 12 22:42:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 12 22:41:34 2021  
 Response via : Initial Calibration

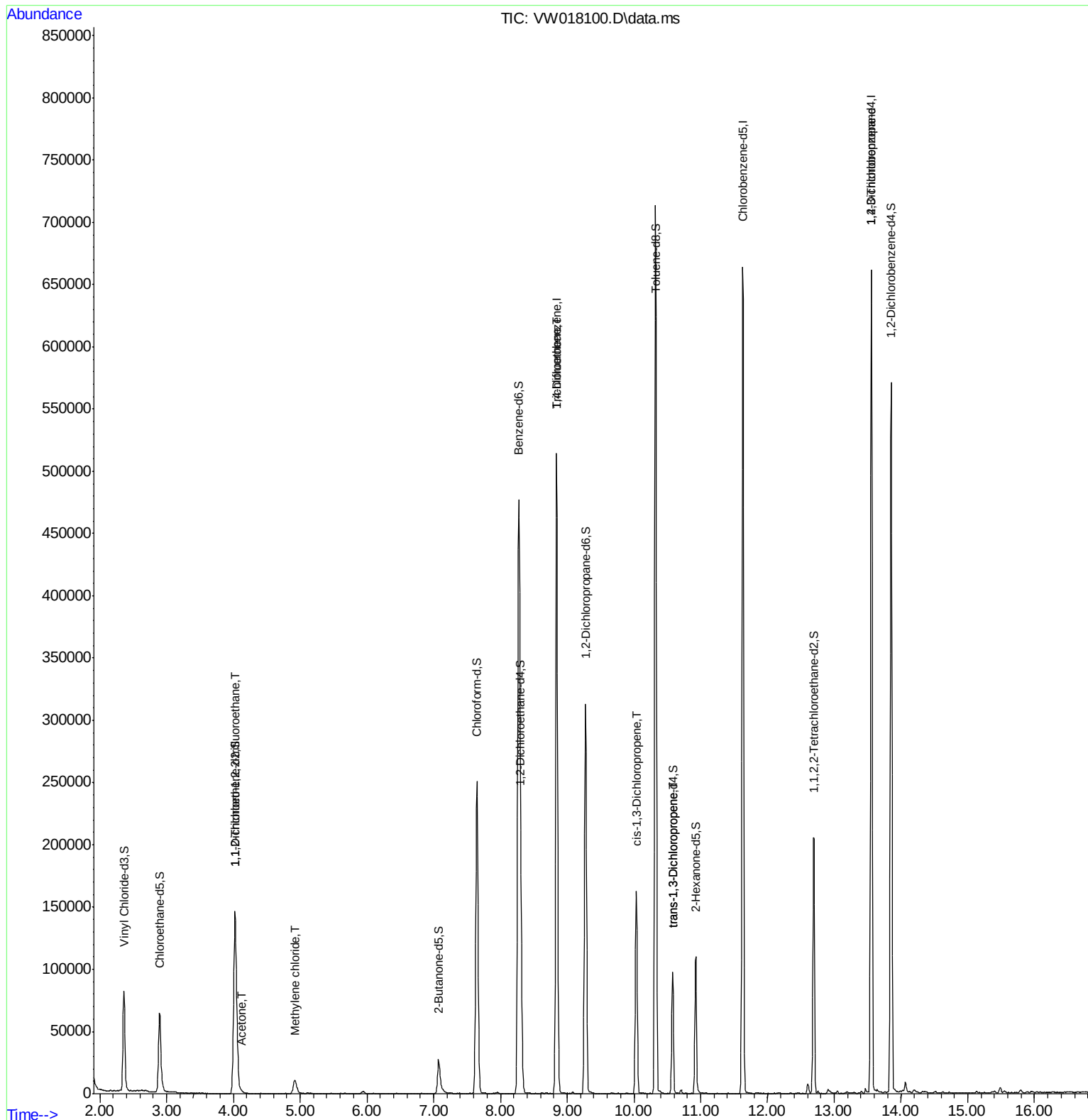
| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 459803     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 397484     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 189162     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 104119     | 18.22  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 72.88% |        |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 91630      | 20.20  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.80% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 164489     | 14.40  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 57.60% |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 46546      | 30.52  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 61.04% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 268097     | 22.22  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 88.88% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 128866     | 20.05  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 80.20% |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 524096     | 24.01  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 96.04% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.275          | 67   | 147741     | 24.20  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 96.80% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 483922     | 23.30  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 93.20% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 57600      | 20.82  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 83.28% |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 40397      | 34.61  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 69.22% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.689         | 84   | 102976     | 19.20  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 76.80% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 156774     | 23.23  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 92.92% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        |        |          |
| 11) 1,1,2-Trichloro-1,2,2-... | 4.025          | 101  | 1942       | 0.30   | ug/L # | 35       |
| 13) Acetone                   | 4.123          | 43   | 1353       | 1.20   | ug/L   | 100      |
| 16) Methylene chloride        | 4.922          | 84   | 10146      | 1.38   | ug/L   | 83       |
| 35) Trichloroethene           | 8.842          | 95   | 13570      | 2.07   | ug/L # | 3        |
| 42) cis-1,3-Dichloropropene   | 10.037         | 75   | 4210       | 0.49   | ug/L # | 67       |
| 45) trans-1,3-Dichloropropene | 10.579         | 75   | 2484       | 0.33   | ug/L   | 93       |
| 59) 1,2,3-Trichloropropane    | 13.554         | 75   | 18280      | 4.48   | ug/L   | 98       |
| -----                         |                |      |            |        |        |          |

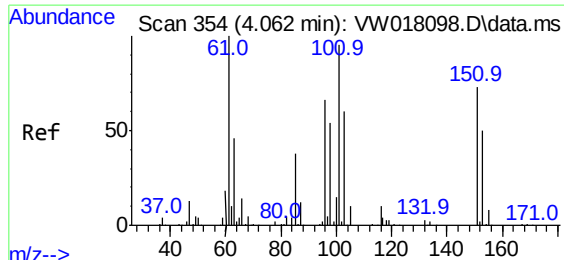
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021221\  
Data File : VW018100.D  
Acq On : 12 Feb 2021 11:12  
Operator : SY/VA  
Sample : M1371-02  
Misc : 7.34G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBH14

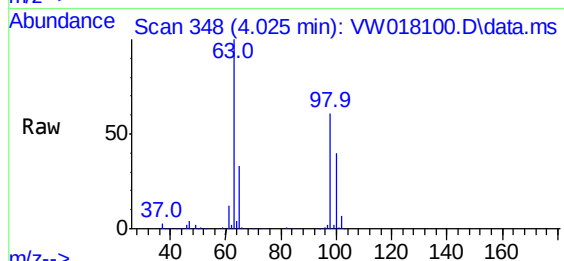
Quant Time: Feb 12 22:42:26 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 12 22:41:34 2021  
Response via : Initial Calibration





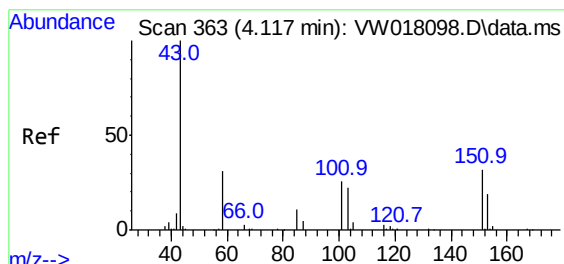
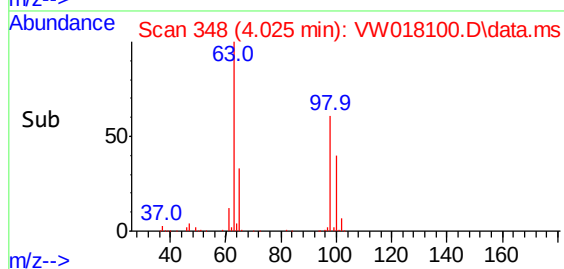
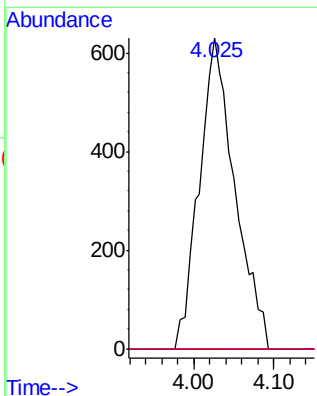
#11  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.30 ug/L  
 RT: 4.025 min Scan# 348  
 Delta R.T. -0.036 min  
 Lab File: VW018100.D  
 Acq: 12 Feb 2021 11:12

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 DBH14



Tgt Ion: 101 Resp: 1942

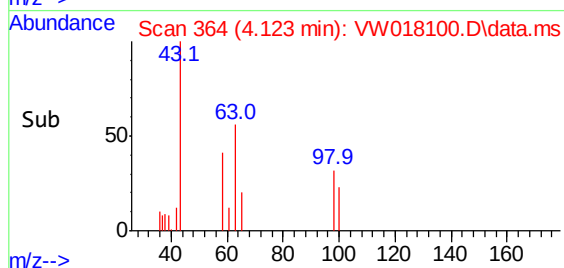
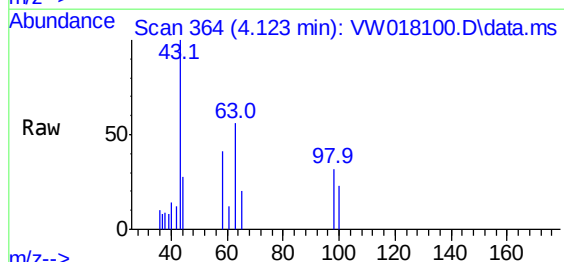
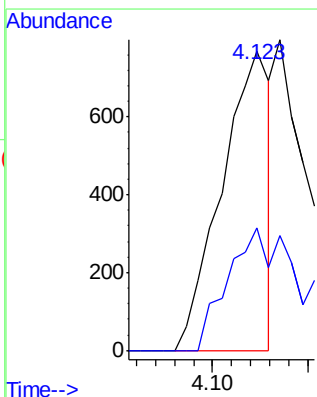
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 0.0   | 34.2  | 51.4# |
| 151 | 0.0   | 30.4  | 45.6# |

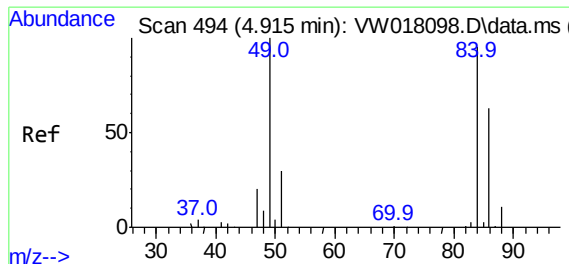


#13  
 Acetone  
 Concen: 1.20 ug/L  
 RT: 4.123 min Scan# 364  
 Delta R.T. 0.006 min  
 Lab File: VW018100.D  
 Acq: 12 Feb 2021 11:12

Tgt Ion: 43 Resp: 1353

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 34.3  | 0.0   | 68.4  |



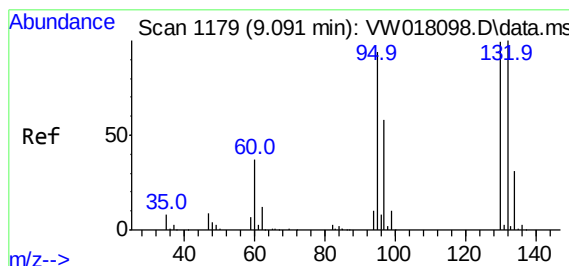
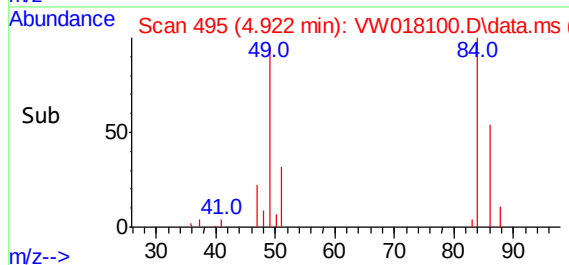
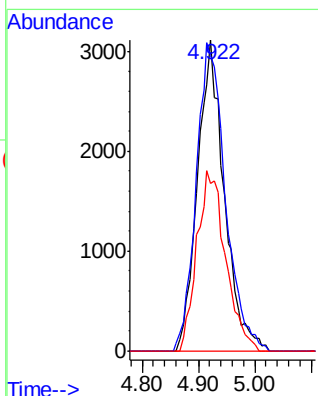
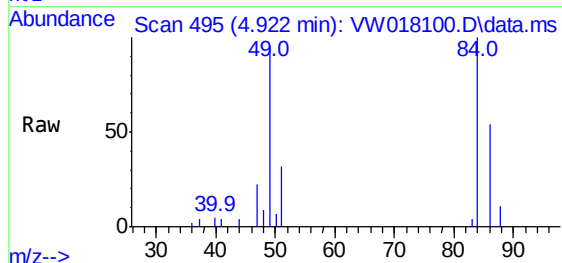


#16  
Methylene chloride  
Concen: 1.38 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW018100.D  
Acq: 12 Feb 2021 11:12

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBH14

Tgt Ion: 84 Resp: 10146

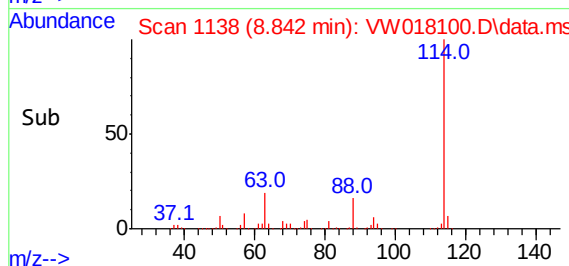
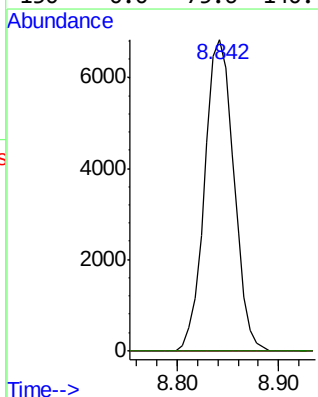
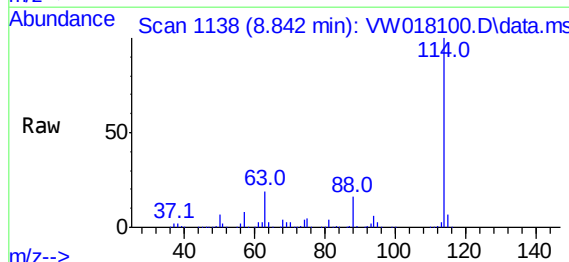
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 95.2  | 81.2  | 150.8 |
| 86  | 54.0  | 44.5  | 82.7  |

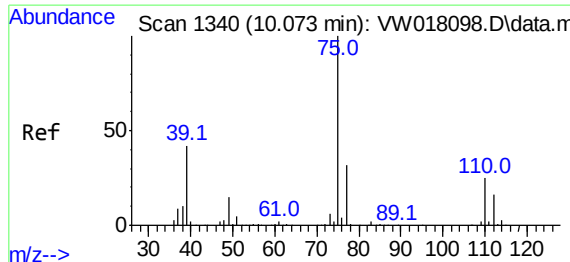


#35  
Trichloroethene  
Concen: 2.07 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW018100.D  
Acq: 12 Feb 2021 11:12

Tgt Ion: 95 Resp: 13570

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 95  | 100   |       |        |
| 97  | 0.0   | 45.0  | 83.6#  |
| 132 | 0.0   | 71.0  | 131.8# |
| 130 | 0.0   | 75.6  | 140.4# |

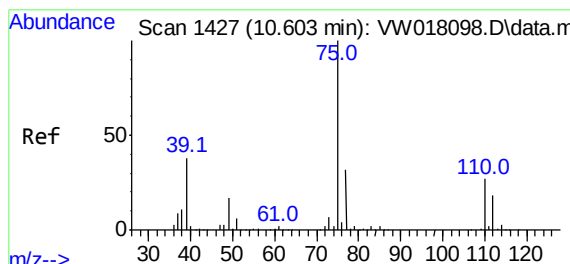
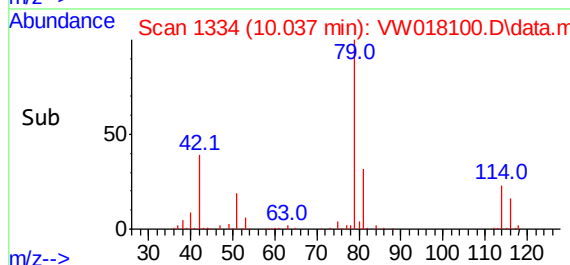
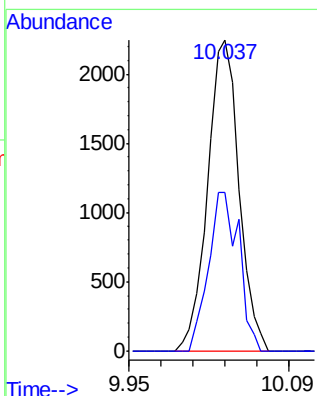
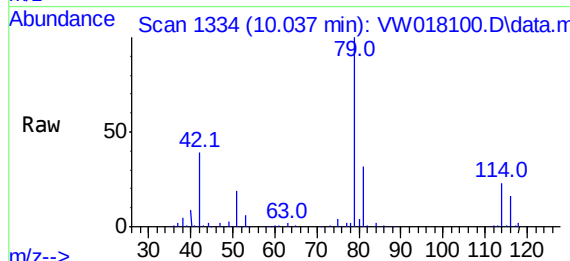




#42  
cis-1,3-Dichloropropene  
Concen: 0.49 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW018100.D  
Acq: 12 Feb 2021 11:12

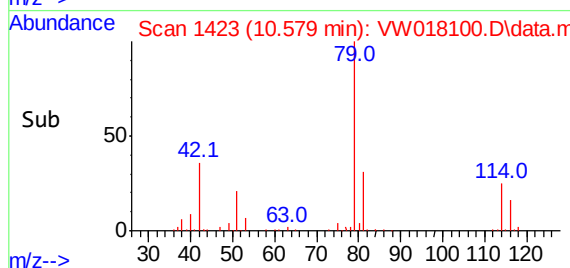
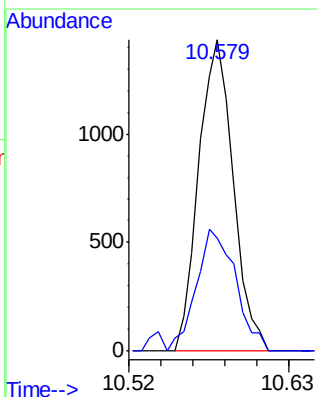
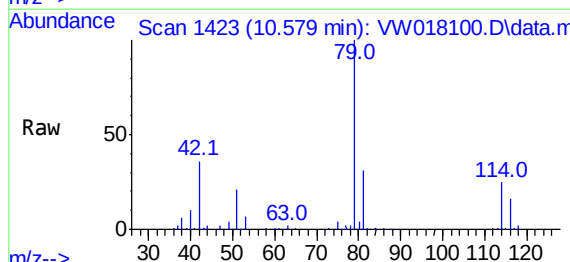
Instrument :  
MSVOA\_W  
ClientSampled :  
DBH14

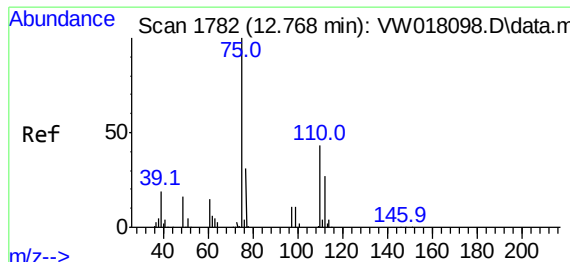
Tgt Ion: 75 Resp: 4210  
Ion Ratio Lower Upper  
75 100  
77 50.8 22.7 42.3#



#45  
trans-1,3-Dichloropropene  
Concen: 0.33 ug/L  
RT: 10.579 min Scan# 1423  
Delta R.T. -0.024 min  
Lab File: VW018100.D  
Acq: 12 Feb 2021 11:12

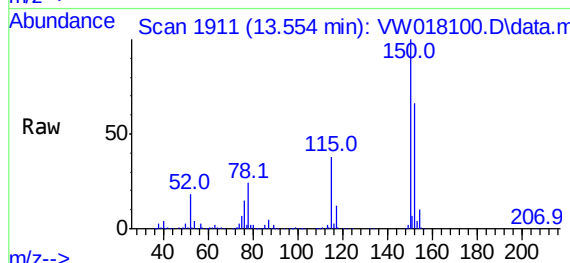
Tgt Ion: 75 Resp: 2484  
Ion Ratio Lower Upper  
75 100  
77 36.0 22.6 42.0





#59  
 1,2,3-Trichloropropane  
 Concen: 4.48 ug/L  
 RT: 13.554 min Scan# 1911  
 Delta R.T. 0.787 min  
 Lab File: VW018100.D  
 Acq: 12 Feb 2021 11:12

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 DBH14



Tgt Ion: 75 Resp: 18280  
 Ion Ratio Lower Upper  
 75 100  
 77 34.2 26.6 39.8

