

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021521\  
 Data File : VW018126.D  
 Acq On : 15 Feb 2021 11:28  
 Operator : SY/VA  
 Sample : M1371-14RE  
 Misc : 7.01G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBH25

Quant Time: Feb 16 02:21:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Feb 16 02:20:15 2021  
 Response via : Initial Calibration

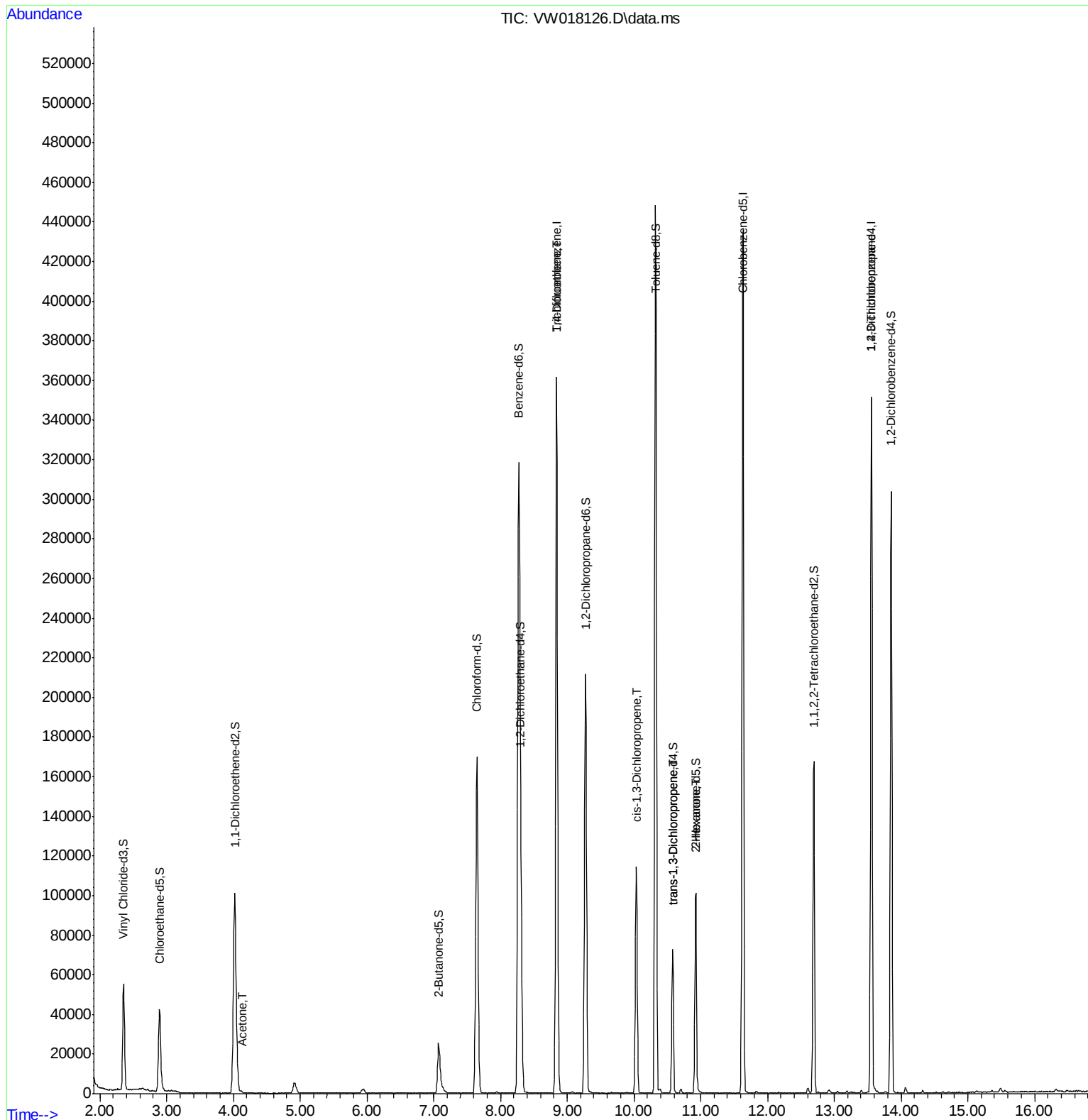
| Compound                      | R.T.           | QIon | Response          | Conc  | Units  | Dev(Min) |
|-------------------------------|----------------|------|-------------------|-------|--------|----------|
| -----                         |                |      |                   |       |        |          |
| Internal Standards            |                |      |                   |       |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 320774            | 25.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 265757            | 25.00 | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 105415            | 25.00 | ug/L   | 0.00     |
|                               |                |      |                   |       |        |          |
| System Monitoring Compounds   |                |      |                   |       |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 60176             | 15.09 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 60.36% |       |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 56034             | 17.71 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 70.84% |       |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 105680            | 13.26 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 53.04% |       |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 43900             | 41.26 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 82.52% |       |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 178940            | 21.26 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 85.04% |       |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 95087             | 21.21 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 84.84% |       |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 339236            | 23.25 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 93.00% |       |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 101029            | 24.75 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 99.00% |       |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 303463            | 21.86 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 87.44% |       |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 41184             | 22.26 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 89.04% |       |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 37078             | 47.52 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 95.04% |       |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 80615             | 22.49 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 89.96% |       |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 84525             | 22.48 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 89.92% |       |        |          |
|                               |                |      |                   |       |        |          |
| Target Compounds              |                |      |                   |       |        | Qvalue   |
| 13) Acetone                   | 4.129          | 43   | 1091              | 1.39  | ug/L   | 52       |
| 35) Trichloroethene           | 8.842          | 95   | 9451              | 2.16  | ug/L # | 3        |
| 42) cis-1,3-Dichloropropene   | 10.036         | 75   | 2733              | 0.48  | ug/L # | 53       |
| 45) trans-1,3-Dichloropropene | 10.579         | 75   | 1717              | 0.34  | ug/L # | 76       |
| 49) 2-Hexanone                | 10.920         | 43   | 4057              | 2.63  | ug/L # | 60       |
| 59) 1,2,3-Trichloropropane    | 13.554         | 75   | 9901              | 3.63  | ug/L   | 99       |
| -----                         |                |      |                   |       |        |          |

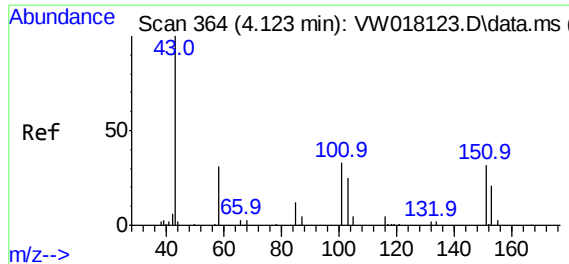
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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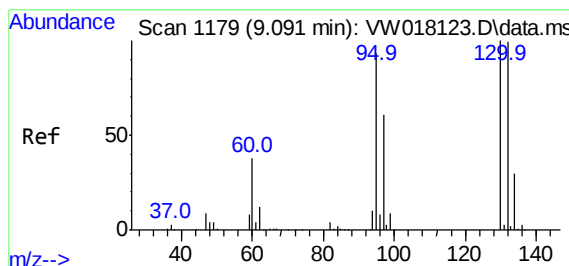
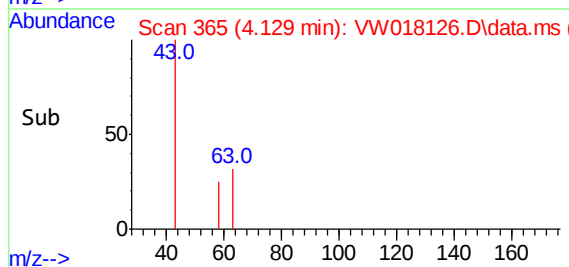
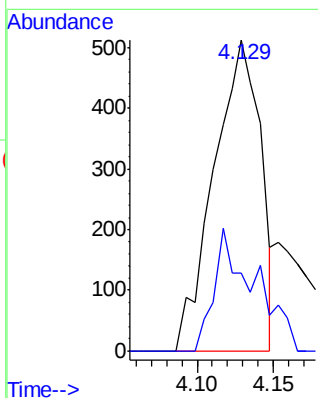
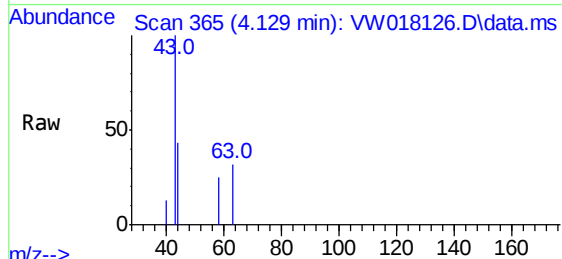




#13  
Acetone  
Concen: 1.39 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VW018126.D  
Acq: 15 Feb 2021 11:28

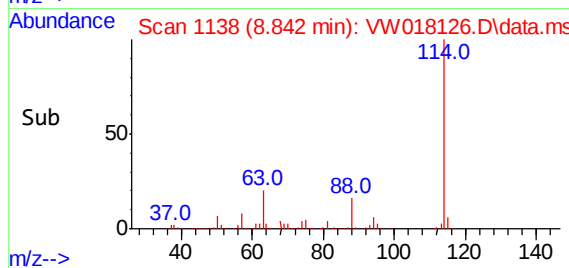
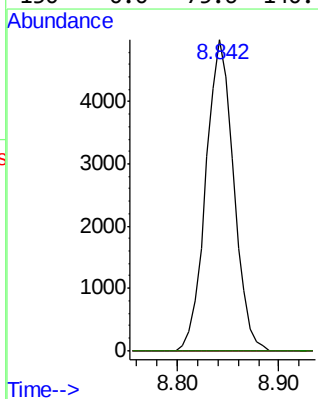
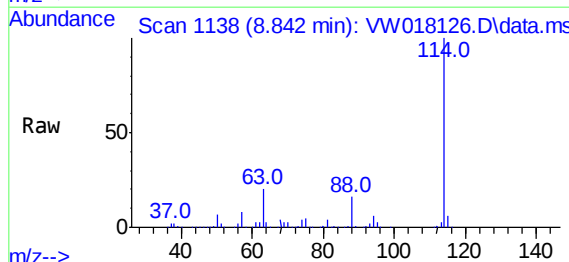
Instrument :  
MSVOA\_W  
ClientSampled :  
DBH25

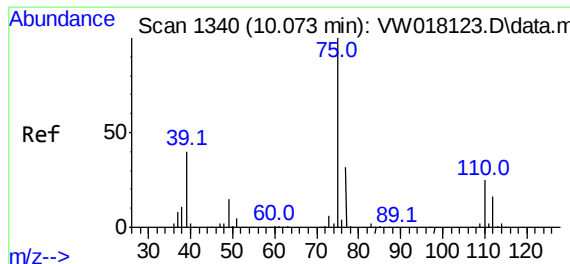
Tgt Ion: 43 Resp: 1091  
Ion Ratio Lower Upper  
43 100  
58 6.7 0.0 68.4



#35  
Trichloroethene  
Concen: 2.16 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW018126.D  
Acq: 15 Feb 2021 11:28

Tgt Ion: 95 Resp: 9451  
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#

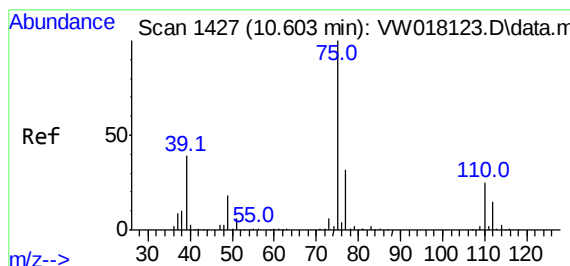
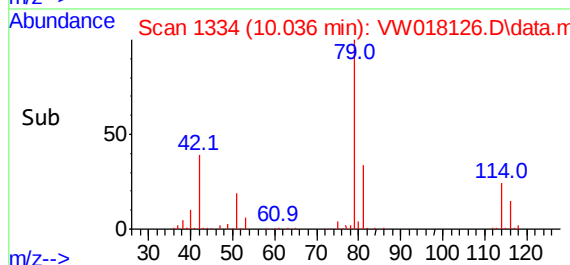
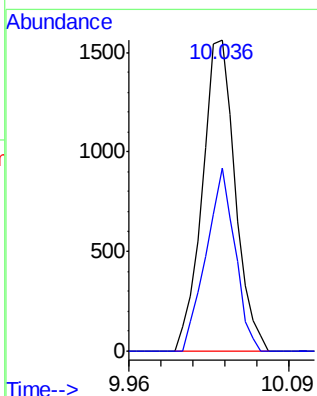
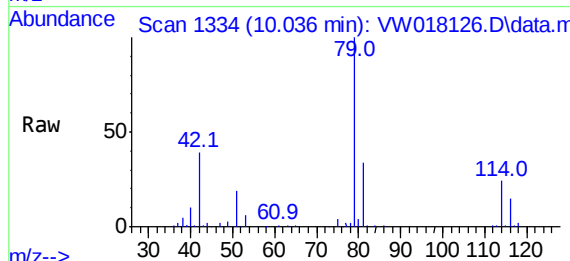




#42  
cis-1,3-Dichloropropene  
Concen: 0.48 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW018126.D  
Acq: 15 Feb 2021 11:28

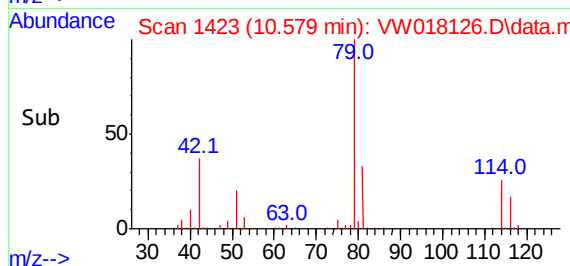
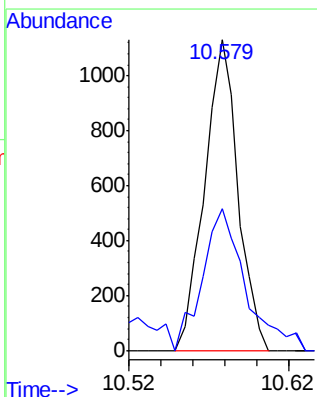
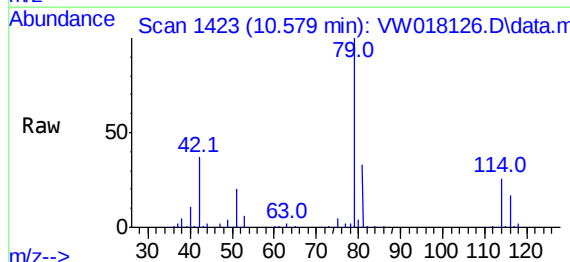
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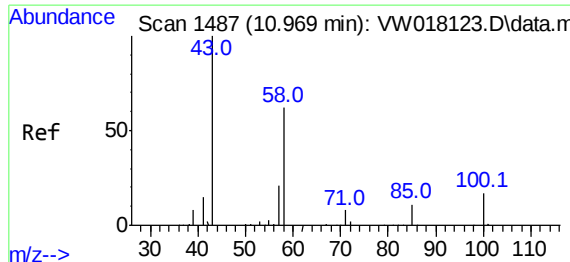
Tgt Ion: 75 Resp: 2733  
Ion Ratio Lower Upper  
75 100  
77 58.9 22.7 42.3#



#45  
trans-1,3-Dichloropropene  
Concen: 0.34 ug/L  
RT: 10.579 min Scan# 1423  
Delta R.T. -0.024 min  
Lab File: VW018126.D  
Acq: 15 Feb 2021 11:28

Tgt Ion: 75 Resp: 1717  
Ion Ratio Lower Upper  
75 100  
77 45.7 22.6 42.0#



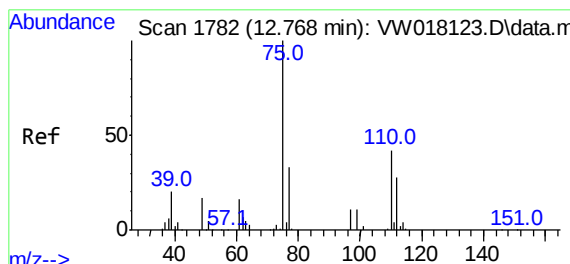
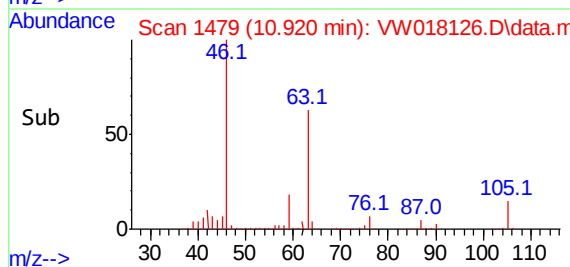
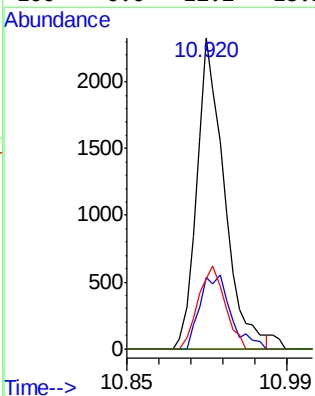
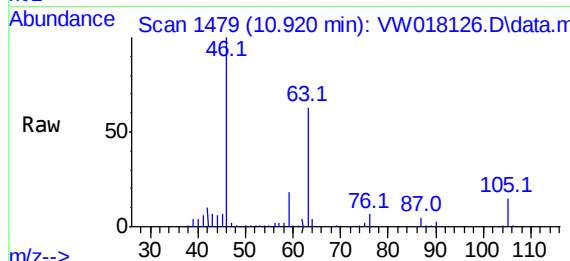


#49  
2-Hexanone  
Concen: 2.63 ug/L  
RT: 10.920 min Scan# 1479  
Delta R.T. -0.049 min  
Lab File: VW018126.D  
Acq: 15 Feb 2021 11:28

Instrument :  
MSVOA\_W  
ClientSampleID :  
DBH25

Tgt Ion: 43 Resp: 4057

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 26.5  | 51.3  | 76.9# |
| 57  | 26.0  | 15.0  | 22.6# |
| 100 | 0.0   | 12.2  | 18.2# |



#59  
1,2,3-Trichloropropane  
Concen: 3.63 ug/L  
RT: 13.554 min Scan# 1911  
Delta R.T. 0.786 min  
Lab File: VW018126.D  
Acq: 15 Feb 2021 11:28

Tgt Ion: 75 Resp: 9901

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 33.8  | 26.6  | 39.8  |

