

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021221\  
 Data File : VW018115.D  
 Acq On : 12 Feb 2021 17:11  
 Operator : SY/VA  
 Sample : M1370-16  
 Misc : 6.37G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBGZ2

Quant Time: Feb 12 22:47:31 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

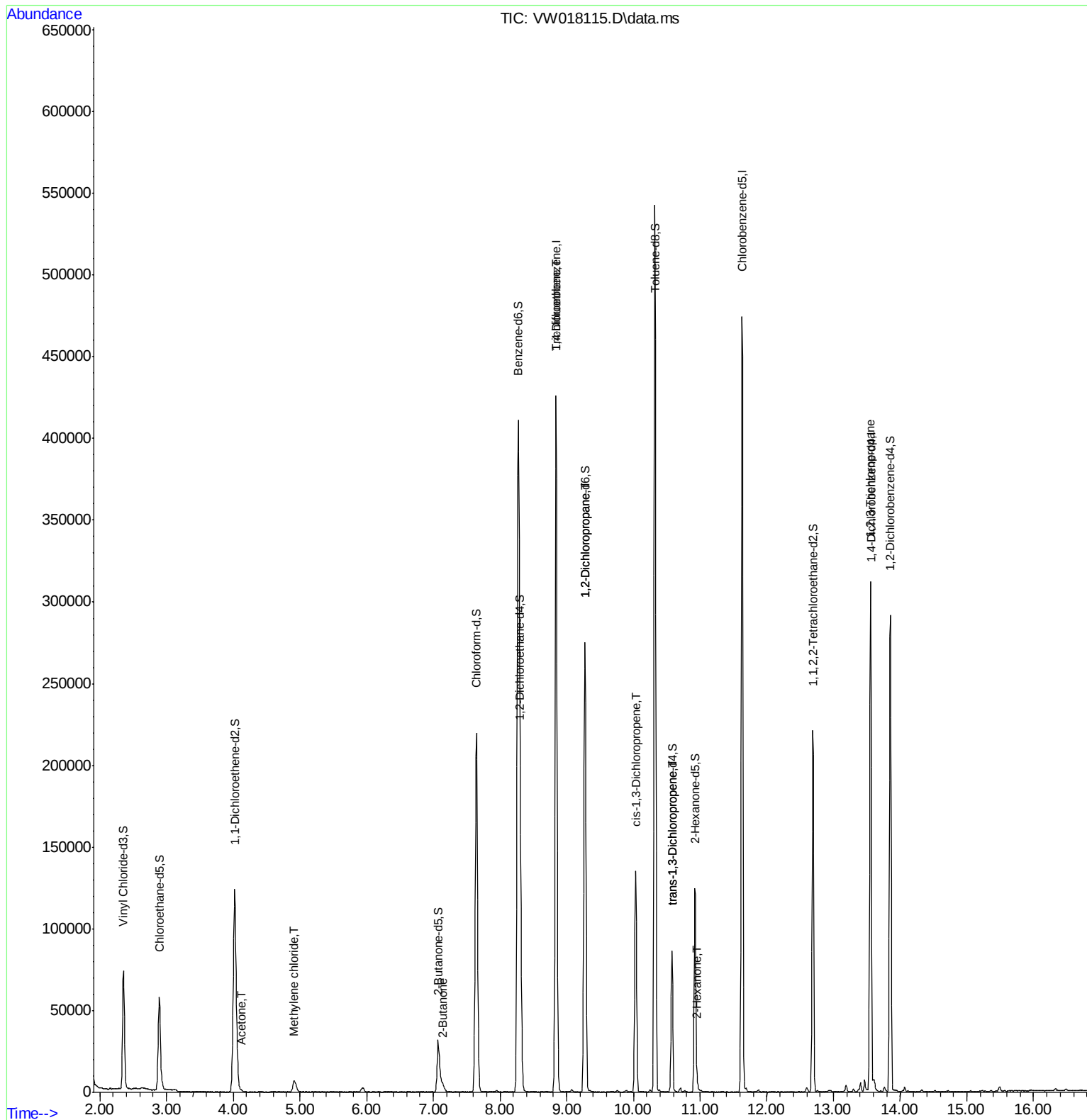
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 379211     | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 283801     | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 89234      | 25.00    | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 85912      | 18.23    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 72.92%   |        |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 77850      | 20.81    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 83.24%   |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 135077     | 14.34    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 57.36%   |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 51186      | 40.70    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 81.40%   |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 233172     | 23.43    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 93.72%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 130403     | 24.60    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 98.40%   |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 440290     | 28.25    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 113.00%  |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.275          | 67   | 131650     | 30.21    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 120.84%# |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 365604     | 24.66    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 98.64%   |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 49936      | 25.28    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 101.12%  |        |          |
| 39) 2-Hexanone-d5             | 10.921         | 63   | 44908      | 53.89    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 107.78%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.689         | 84   | 107132     | 27.98    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 111.92%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 83338      | 26.18    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 104.72%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 13) Acetone                   | 4.123          | 43   | 567        | 0.61     | ug/L   | 81       |
| 16) Methylene chloride        | 4.916          | 84   | 4889       | 0.80     | ug/L   | 81       |
| 21) 2-Butanone                | 7.141          | 43   | 4551       | 3.21     | ug/L # | 46       |
| 35) Trichloroethene           | 8.842          | 95   | 11349      | 2.43     | ug/L # | 3        |
| 40) 1,2-Dichloropropane       | 9.275          | 63   | 14549      | 3.82     | ug/L # | 84       |
| 42) cis-1,3-Dichloropropene   | 10.037         | 75   | 3418       | 0.56     | ug/L # | 63       |
| 45) trans-1,3-Dichloropropene | 10.579         | 75   | 2125       | 0.40     | ug/L # | 66       |
| 49) 2-Hexanone                | 10.951         | 43   | 3073       | 1.87     | ug/L # | 33       |
| 59) 1,2,3-Trichloropropane    | 13.554         | 75   | 8837       | 3.03     | ug/L   | 95       |
| -----                         |                |      |            |          |        |          |

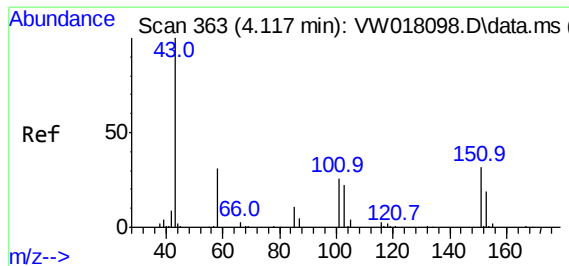
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :  
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Quant Time: Feb 12 22:47:31 2021  
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Quant Title : VOC Analysis  
QLast Update : Fri Feb 12 22:41:34 2021  
Response via : Initial Calibration

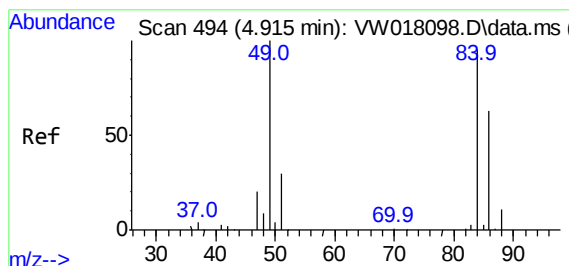
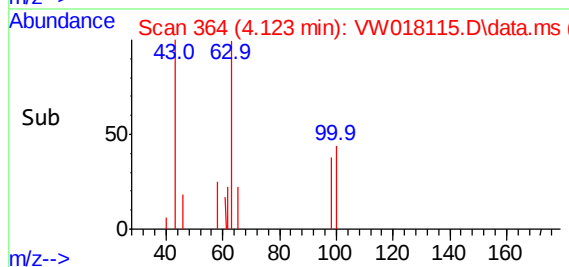
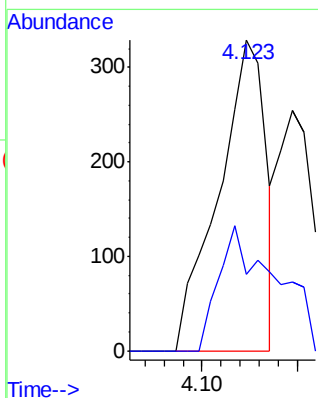
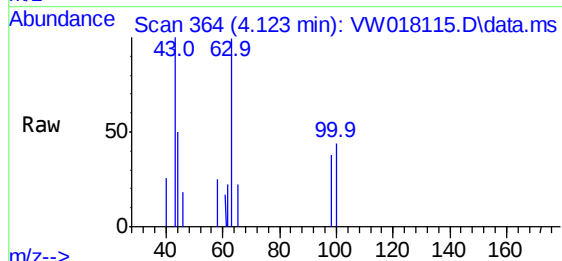




#13  
Acetone  
Concen: 0.61 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW018115.D  
Acq: 12 Feb 2021 17:11

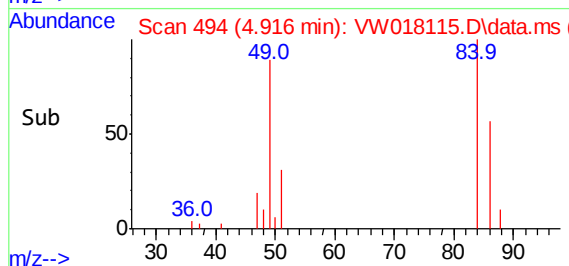
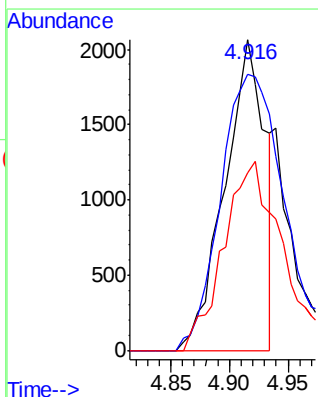
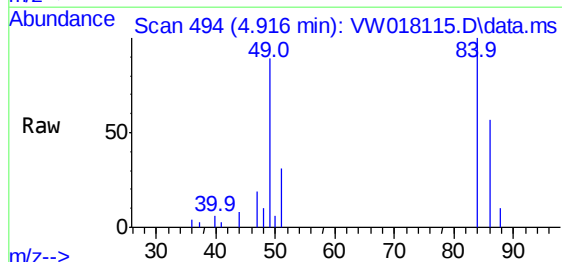
Instrument :  
MSVOA\_W  
ClientSampleId :  
DBGZ2

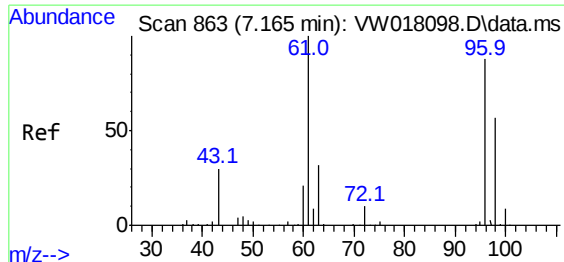
Tgt Ion: 43 Resp: 567  
Ion Ratio Lower Upper  
43 100  
58 23.1 0.0 68.4



#16  
Methylene chloride  
Concen: 0.80 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW018115.D  
Acq: 12 Feb 2021 17:11

Tgt Ion: 84 Resp: 4889  
Ion Ratio Lower Upper  
84 100  
49 88.8 81.2 150.8  
86 57.2 44.5 82.7

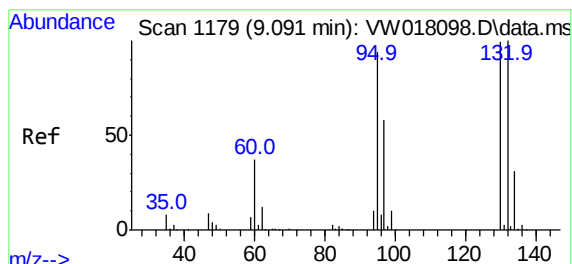
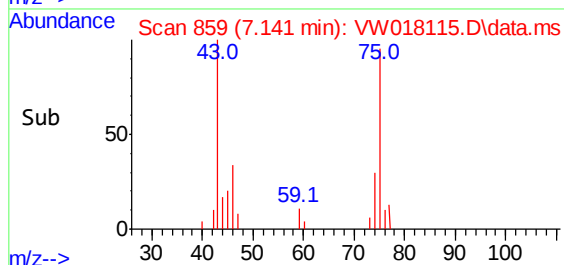
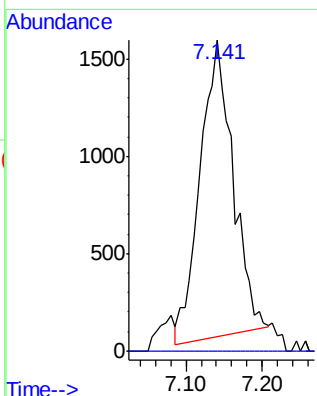
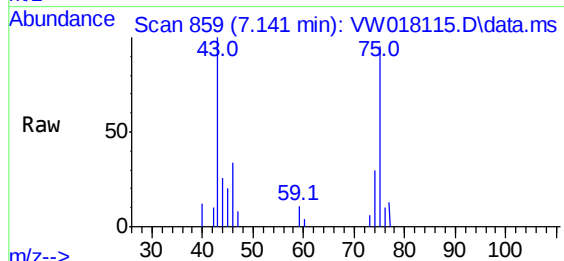




#21  
2-Butanone  
Concen: 3.21 ug/L  
RT: 7.141 min Scan# 859  
Delta R.T. -0.024 min  
Lab File: VW018115.D  
Acq: 12 Feb 2021 17:11

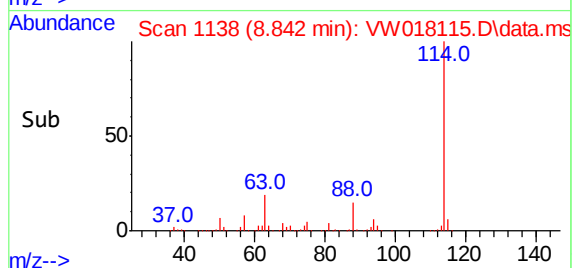
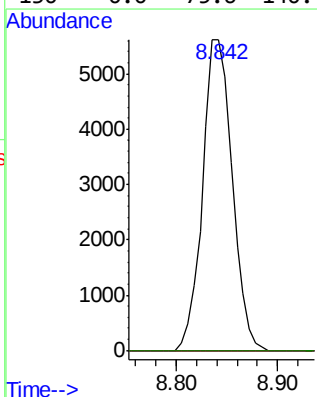
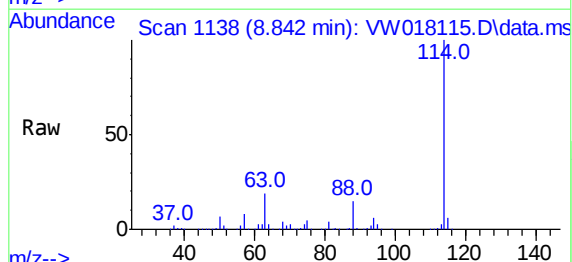
Instrument :  
MSVOA\_W  
ClientSampled :  
DBGZ2

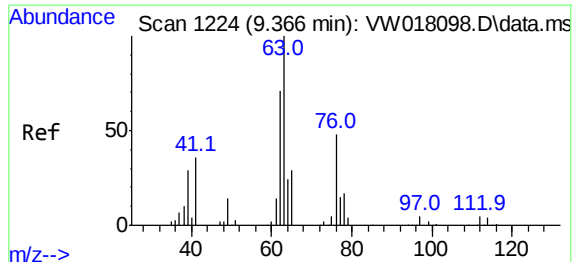
Tgt Ion: 43 Resp: 4551  
Ion Ratio Lower Upper  
43 100  
72 0.0 14.4 43.2#



#35  
Trichloroethene  
Concen: 2.43 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW018115.D  
Acq: 12 Feb 2021 17:11

Tgt Ion: 95 Resp: 11349  
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#

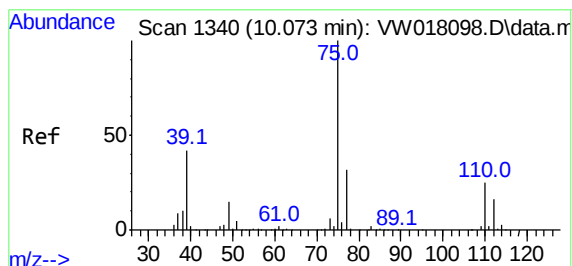
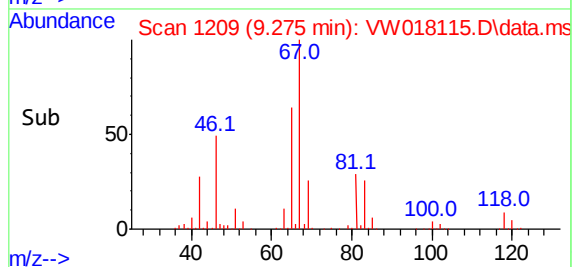
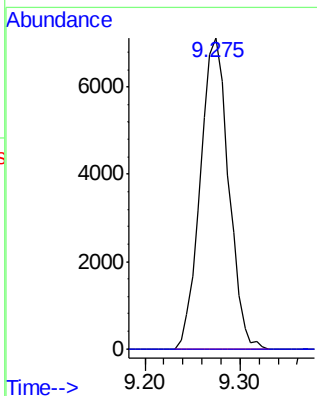
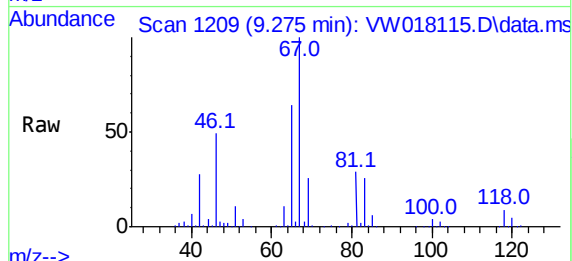




#40  
1,2-Dichloropropane  
Concen: 3.82 ug/L  
RT: 9.275 min Scan# 1209  
Delta R.T. -0.091 min  
Lab File: VW018115.D  
Acq: 12 Feb 2021 17:11

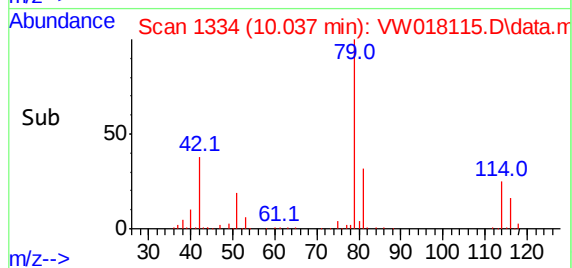
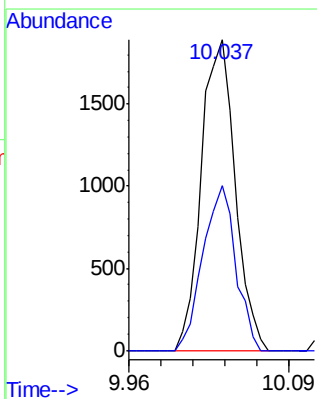
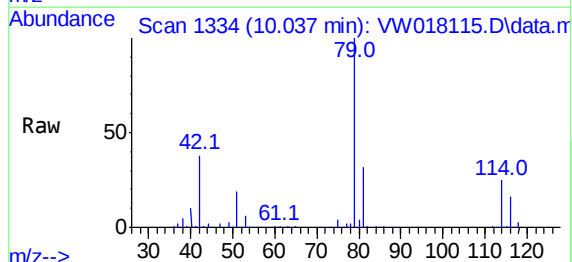
Instrument :  
MSVOA\_W  
ClientSampled :  
DBGZ2

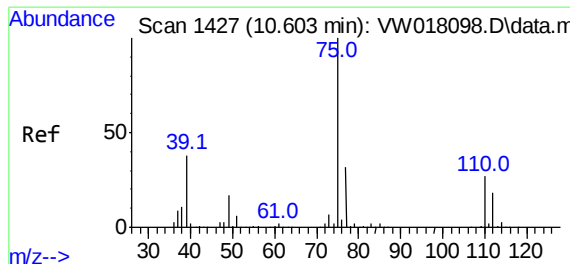
Tgt Ion: 63 Resp: 14549  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.2 6.4#



#42  
cis-1,3-Dichloropropene  
Concen: 0.56 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW018115.D  
Acq: 12 Feb 2021 17:11

Tgt Ion: 75 Resp: 3418  
Ion Ratio Lower Upper  
75 100  
77 53.2 22.7 42.3#

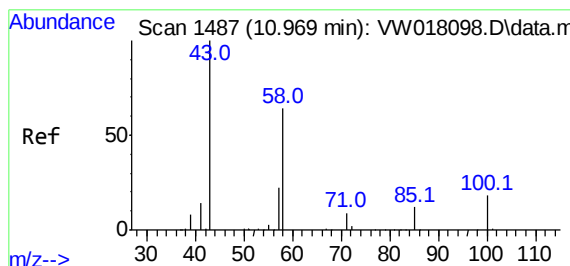
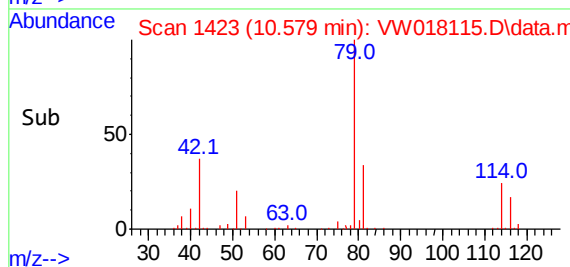
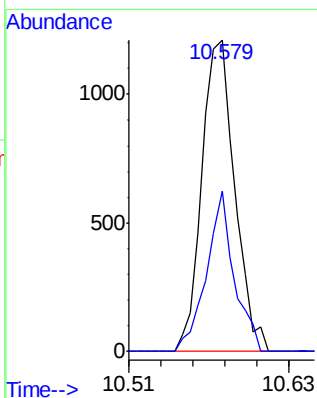
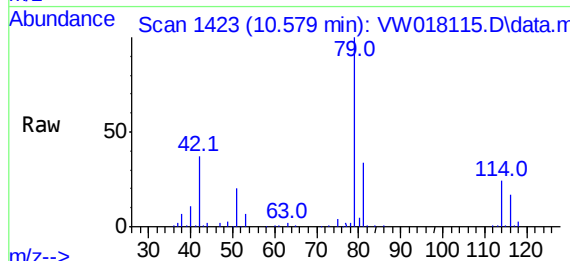




#45  
trans-1,3-Dichloropropene  
Concen: 0.40 ug/L  
RT: 10.579 min Scan# 1423  
Delta R.T. -0.024 min  
Lab File: VW018115.D  
Acq: 12 Feb 2021 17:11

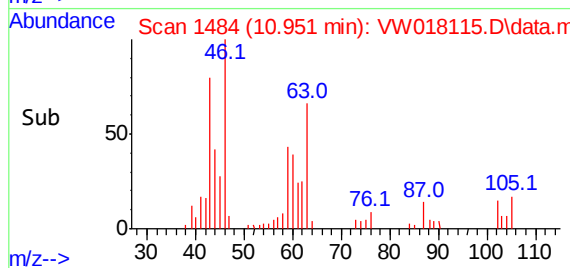
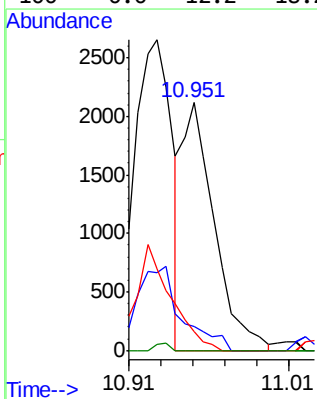
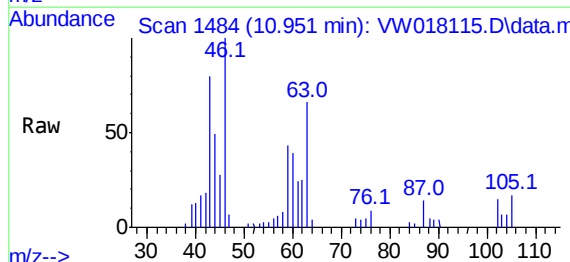
Instrument :  
MSVOA\_W  
ClientSampled :  
DBGZ2

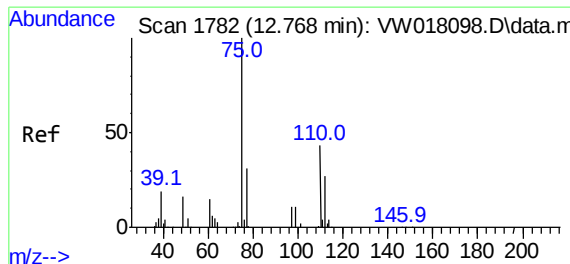
Tgt Ion: 75 Resp: 2125  
Ion Ratio Lower Upper  
75 100  
77 51.5 22.6 42.0#



#49  
2-Hexanone  
Concen: 1.87 ug/L  
RT: 10.951 min Scan# 1484  
Delta R.T. -0.018 min  
Lab File: VW018115.D  
Acq: 12 Feb 2021 17:11

Tgt Ion: 43 Resp: 3073  
Ion Ratio Lower Upper  
43 100  
58 0.0 51.3 76.9#  
57 0.0 15.0 22.6#  
100 0.0 12.2 18.2#





#59  
 1,2,3-Trichloropropane  
 Concen: 3.03 ug/L  
 RT: 13.554 min Scan# 1911  
 Delta R.T. 0.787 min  
 Lab File: VW018115.D  
 Acq: 12 Feb 2021 17:11

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Tgt Ion: 75 Resp: 8837  
 Ion Ratio Lower Upper  
 75 100  
 77 35.8 26.6 39.8

