

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021121\  
 Data File : VW018085.D  
 Acq On : 11 Feb 2021 15:13  
 Operator : SY/VA  
 Sample : M1370-07  
 Misc : 5.90G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBGY3

Quant Time: Feb 12 02:41:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 12 02:37:00 2021  
 Response via : Initial Calibration

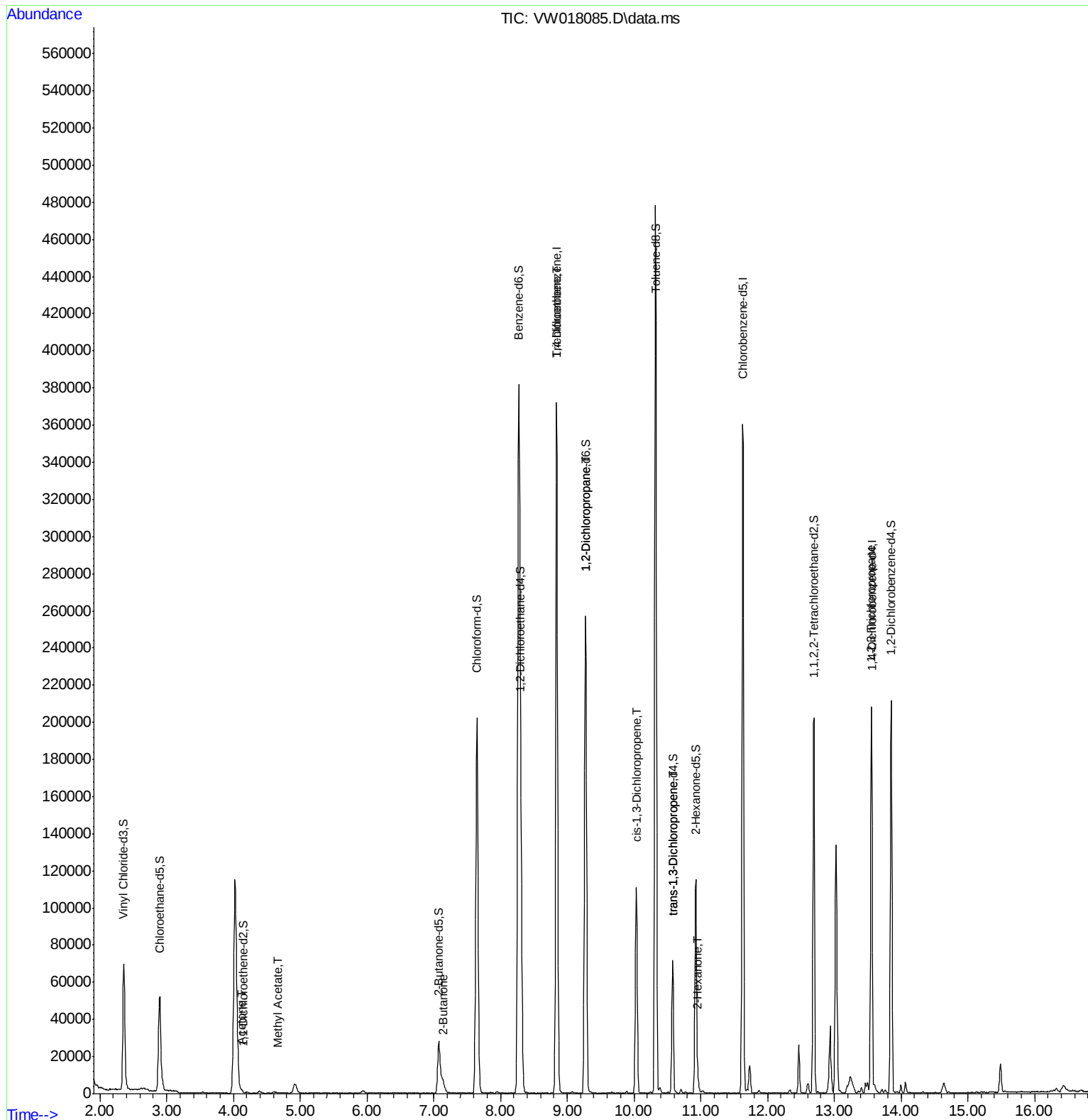
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 330412     | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 212333     | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 58280      | 25.00    | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 85774      | 20.89    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 83.56%   |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 74820      | 22.96    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 91.84%   |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.153          | 63   | 205        | 0.02     | ug/L   | 0.13     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 0.08%#   |        |          |
| 20) 2-Butanone-d5             | 7.080          | 46   | 46901      | 42.80    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 85.60%   |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 215016     | 24.80    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 99.20%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 120785     | 26.15    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 104.60%  |        |          |
| 29) Benzene-d6                | 8.274          | 84   | 401995     | 34.48    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 137.92%# |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 123302     | 37.81    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 151.24%# |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 319010     | 28.76    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 115.04%  |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 41293      | 27.94    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 111.76%  |        |          |
| 39) 2-Hexanone-d5             | 10.926         | 63   | 41251      | 66.17    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 132.34%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 100934     | 35.24    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 140.96%# |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 58398      | 28.09    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 112.36%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 13) Acetone                   | 4.123          | 43   | 974        | 1.20     | ug/L   | 93       |
| 15) Methyl Acetate            | 4.672          | 43   | 902        | 0.50     | ug/L # | 62       |
| 21) 2-Butanone                | 7.141          | 43   | 8609       | 6.97     | ug/L # | 46       |
| 35) Trichloroethene           | 8.841          | 95   | 9685       | 2.77     | ug/L # | 3        |
| 40) 1,2-Dichloropropane       | 9.274          | 63   | 13918      | 4.89     | ug/L # | 84       |
| 42) cis-1,3-Dichloropropene   | 10.036         | 75   | 2821       | 0.61     | ug/L # | 57       |
| 45) trans-1,3-Dichloropropene | 10.579         | 75   | 1716       | 0.43     | ug/L # | 69       |
| 49) 2-Hexanone                | 10.951         | 43   | 4565       | 3.71     | ug/L # | 33       |
| 59) 1,2,3-Trichloropropane    | 13.554         | 75   | 6101       | 2.80     | ug/L   | 93       |
| -----                         |                |      |            |          |        |          |

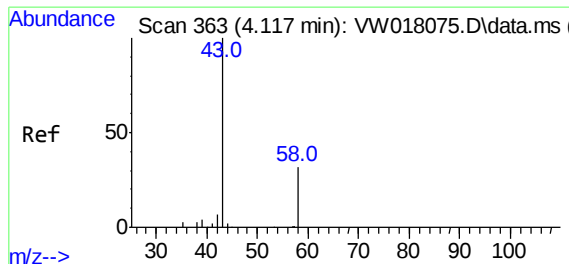
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M1370-07  
Misc : 5.90G/10ML/MSVOA\_W/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBGY3

Quant Time: Feb 12 02:41:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 12 02:37:00 2021  
Response via : Initial Calibration

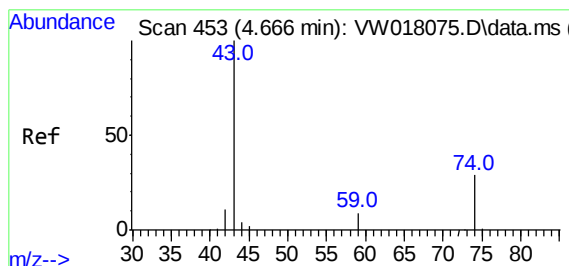
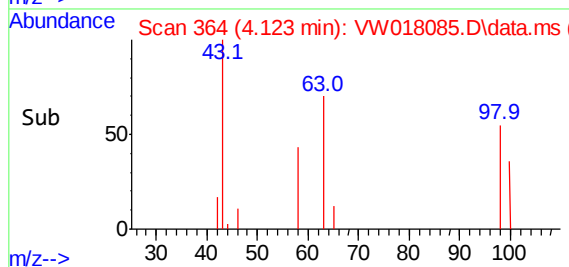
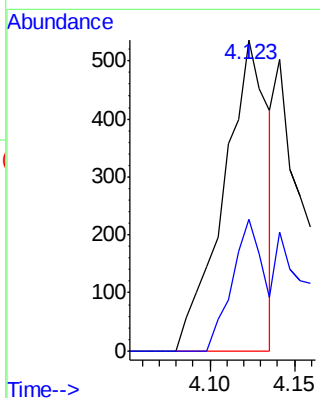
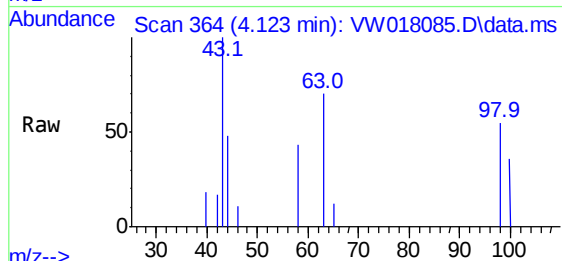




#13  
Acetone  
Concen: 1.20 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW018085.D  
Acq: 11 Feb 2021 15:13

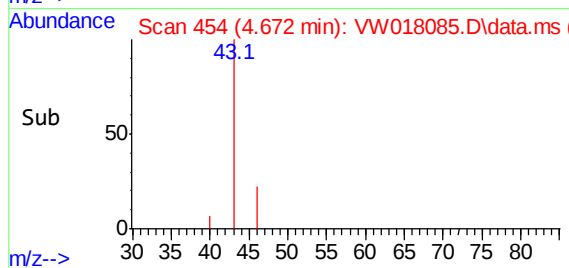
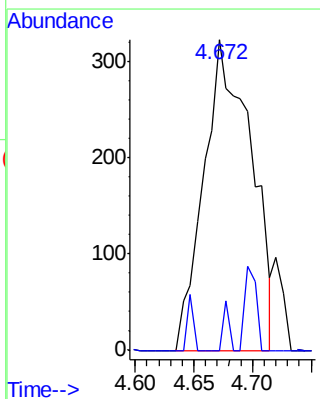
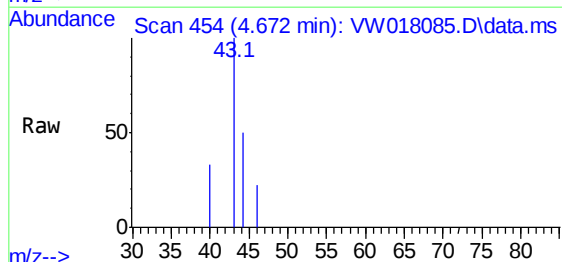
Instrument :  
MSVOA\_W  
ClientSampled :  
DBGY3

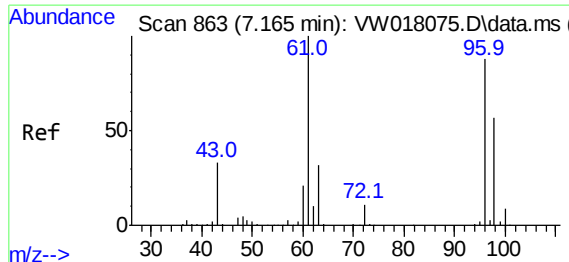
Tgt Ion: 43 Resp: 974  
Ion Ratio Lower Upper  
43 100  
58 30.1 0.0 68.4



#15  
Methyl Acetate  
Concen: 0.50 ug/L  
RT: 4.672 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VW018085.D  
Acq: 11 Feb 2021 15:13

Tgt Ion: 43 Resp: 902  
Ion Ratio Lower Upper  
43 100  
74 6.4 20.7 31.1#

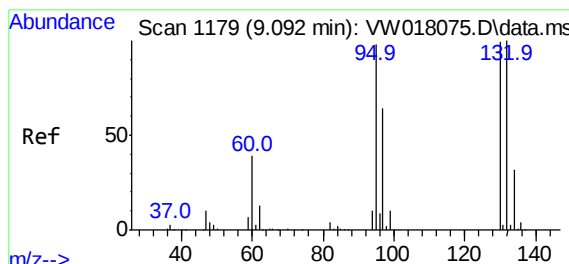
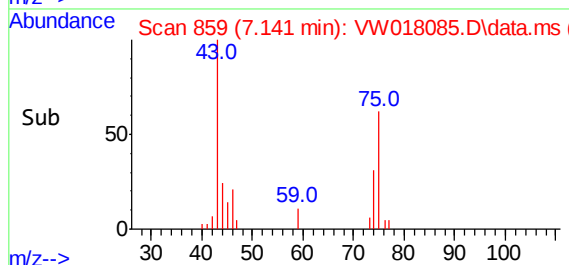
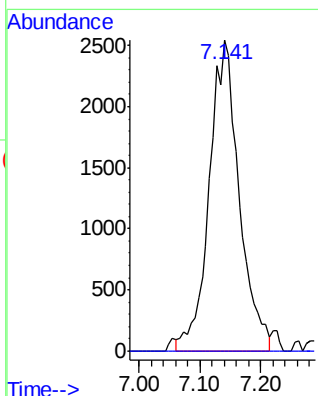
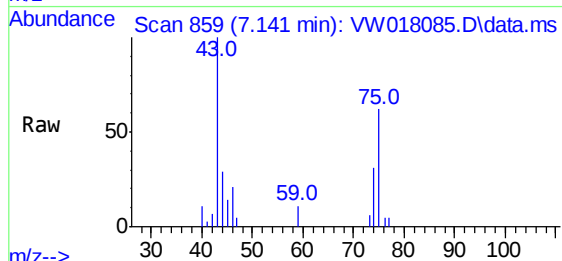




#21  
2-Butanone  
Concen: 6.97 ug/L  
RT: 7.141 min Scan# 859  
Delta R.T. -0.025 min  
Lab File: VW018085.D  
Acq: 11 Feb 2021 15:13

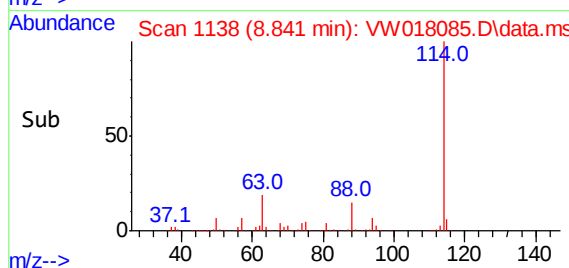
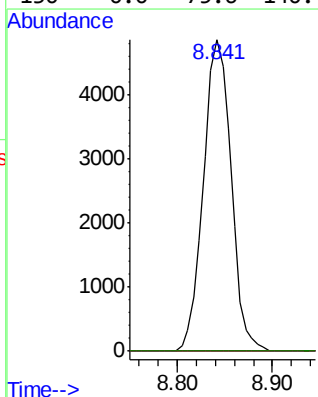
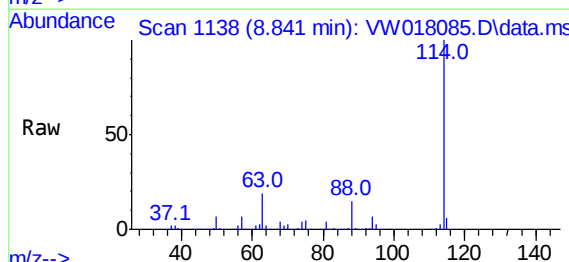
Instrument :  
MSVOA\_W  
ClientSampled :  
DBGY3

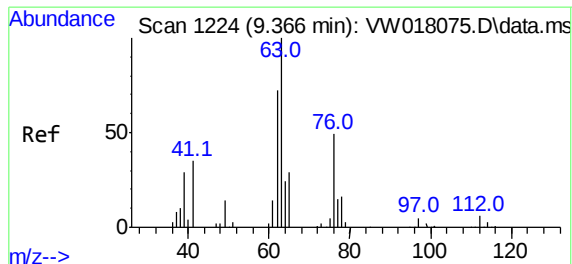
Tgt Ion: 43 Resp: 8609  
Ion Ratio Lower Upper  
43 100  
72 0.0 14.4 43.2#



#35  
Trichloroethene  
Concen: 2.77 ug/L  
RT: 8.841 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW018085.D  
Acq: 11 Feb 2021 15:13

Tgt Ion: 95 Resp: 9685  
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#

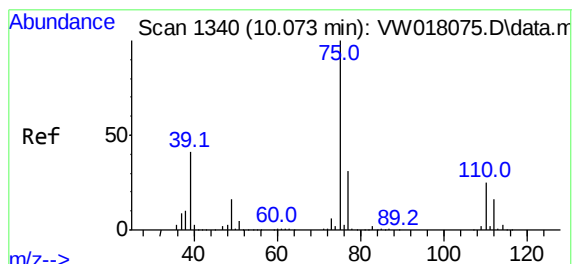
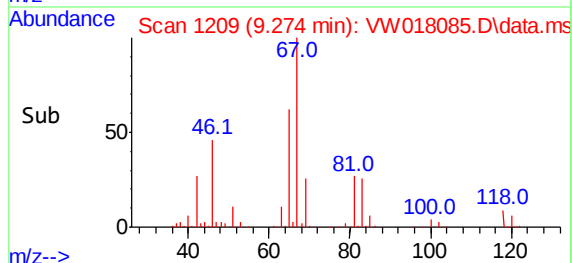
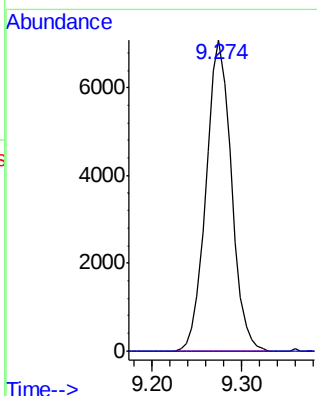
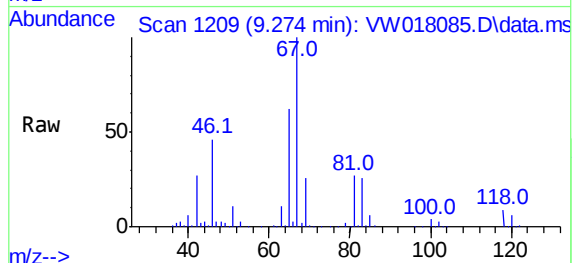




#40  
1,2-Dichloropropane  
Concen: 4.89 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.092 min  
Lab File: VW018085.D  
Acq: 11 Feb 2021 15:13

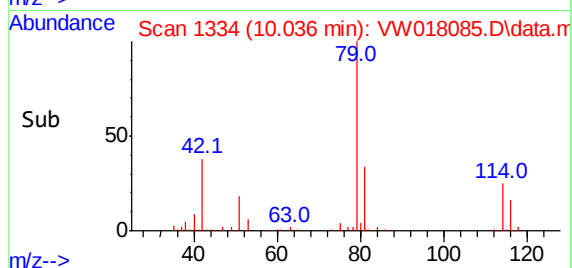
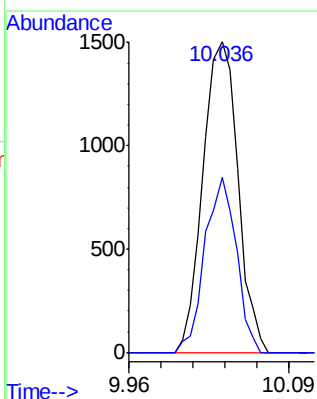
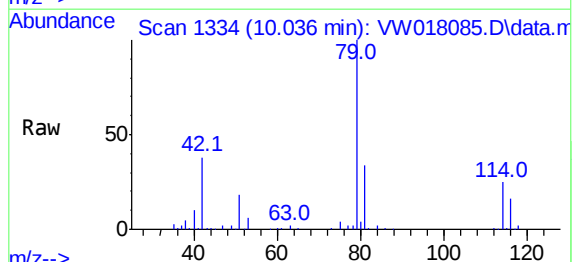
Instrument :  
MSVOA\_W  
ClientSampled :  
DBGY3

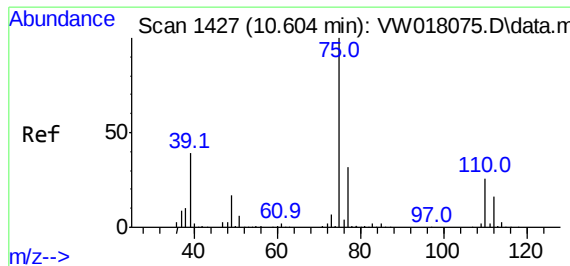
Tgt Ion: 63 Resp: 13918  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.2 6.4#



#42  
cis-1,3-Dichloropropene  
Concen: 0.61 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW018085.D  
Acq: 11 Feb 2021 15:13

Tgt Ion: 75 Resp: 2821  
Ion Ratio Lower Upper  
75 100  
77 56.4 22.7 42.3#

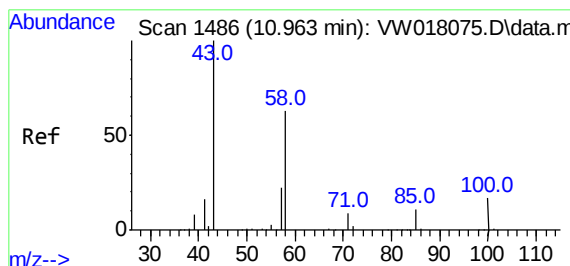
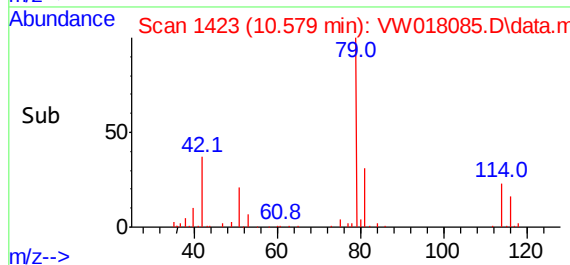
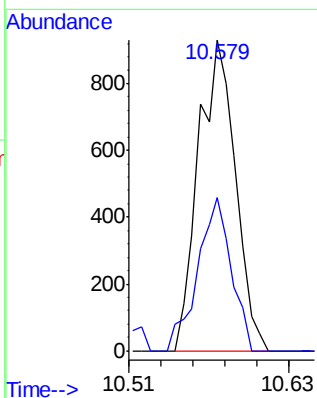
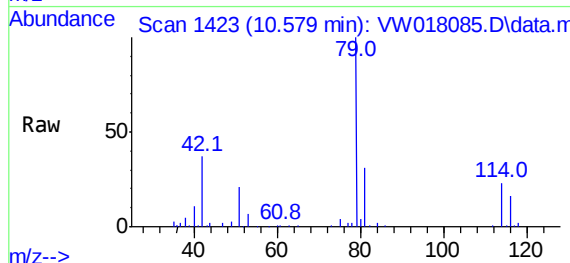




#45  
trans-1,3-Dichloropropene  
Concen: 0.43 ug/L  
RT: 10.579 min Scan# 1423  
Delta R.T. -0.025 min  
Lab File: VW018085.D  
Acq: 11 Feb 2021 15:13

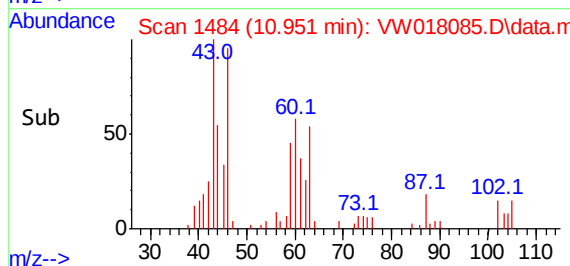
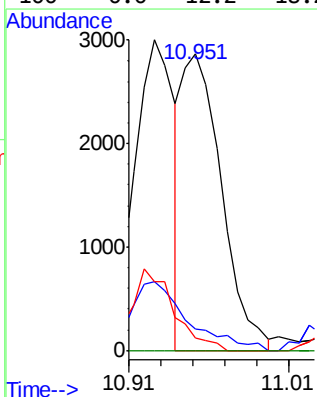
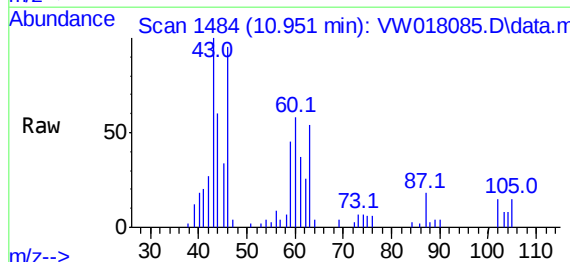
Instrument :  
MSVOA\_W  
ClientSampled :  
DBGY3

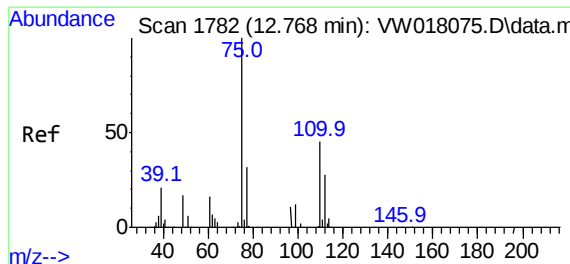
Tgt Ion: 75 Resp: 1716  
Ion Ratio Lower Upper  
75 100  
77 49.5 22.6 42.0#



#49  
2-Hexanone  
Concen: 3.71 ug/L  
RT: 10.951 min Scan# 1484  
Delta R.T. -0.012 min  
Lab File: VW018085.D  
Acq: 11 Feb 2021 15:13

Tgt Ion: 43 Resp: 4565  
Ion Ratio Lower Upper  
43 100  
58 0.6 51.3 76.9#  
57 0.0 15.0 22.6#  
100 0.0 12.2 18.2#





#59  
 1,2,3-Trichloropropane  
 Concen: 2.80 ug/L  
 RT: 13.554 min Scan# 1911  
 Delta R.T. 0.786 min  
 Lab File: VW018085.D  
 Acq: 11 Feb 2021 15:13

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBGY3

Tgt Ion: 75 Resp: 6101  
 Ion Ratio Lower Upper  
 75 100  
 77 37.3 26.6 39.8

