

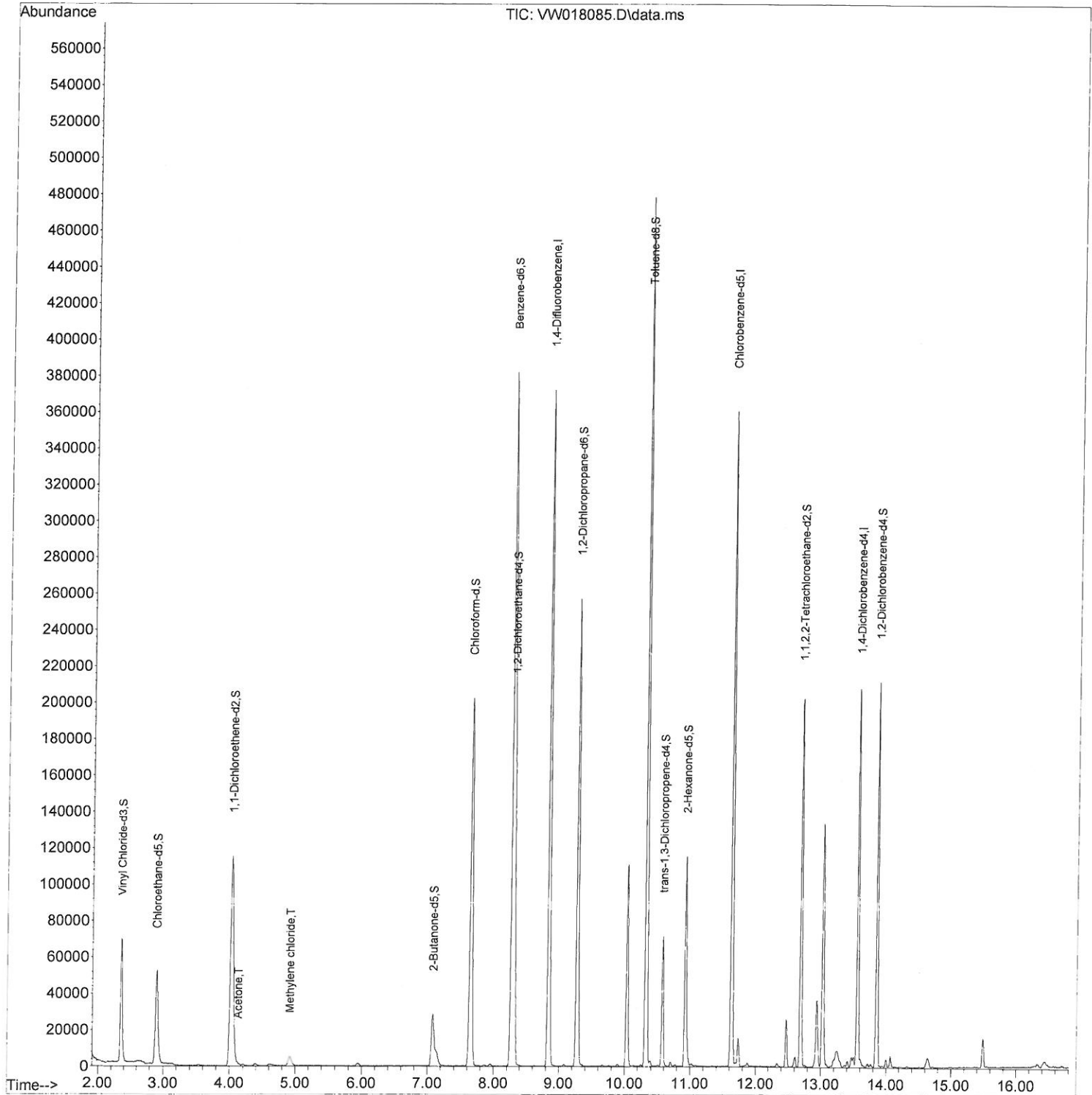
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021121\  
Data File : VW018085.D  
Acq On : 11 Feb 2021 15:13  
Operator : SY/VA  
Sample : M1370-07  
Misc : 5.90G/10ML/MSVOA\_W/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBGY3

Manual Integrations  
APPROVED

MMDadoda  
2/15/2021 7:08:17 AM

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



## Quantitation Report (Qedit)

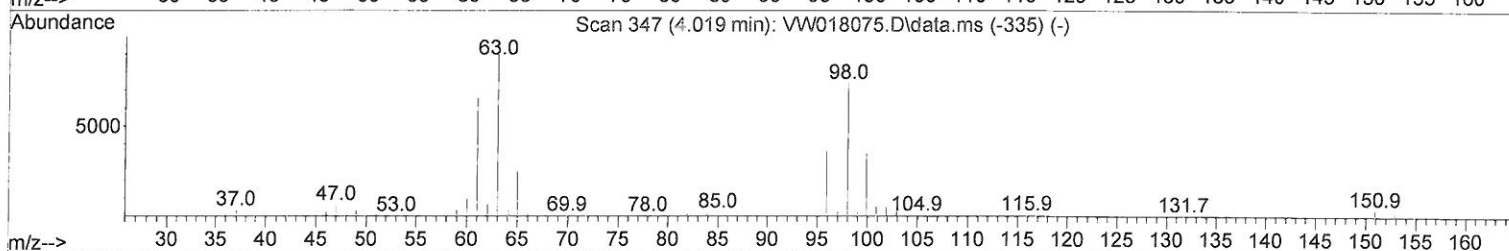
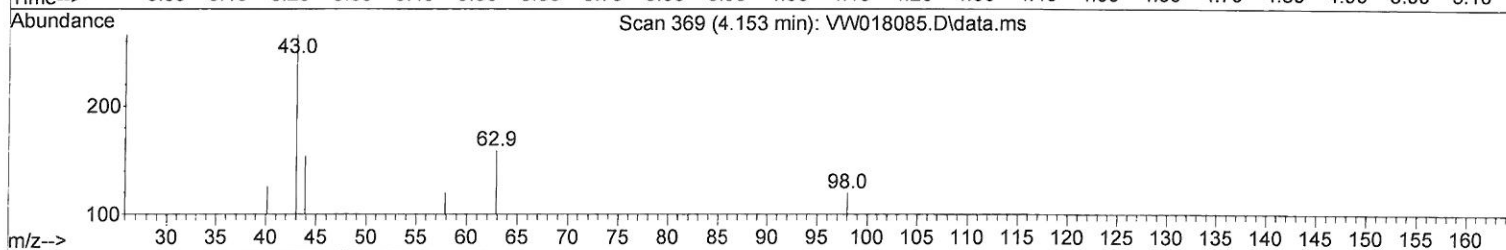
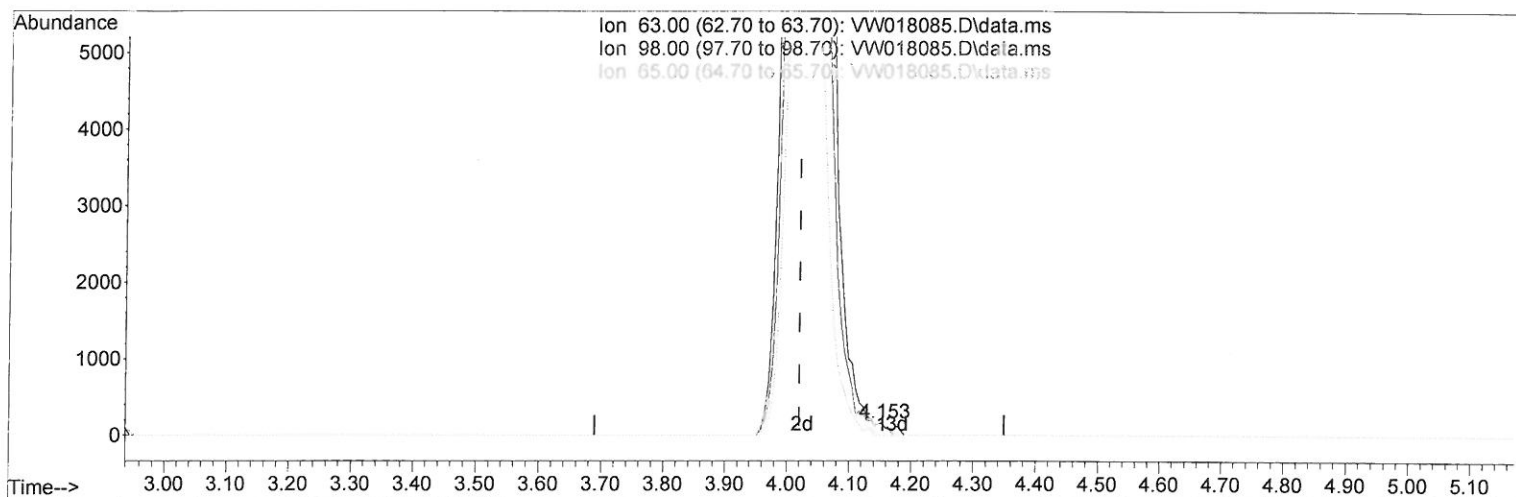
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Manual Integrations  
APPROVED

MMDadoda  
2/15/2021 7:08:17 AM

Quant Time: Feb 12 07:01:12 2021  
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TIC: VW018085.D\data.ms

(10) 1,1-Dichloroethene-d2 (S)

4.153min (+ 0.134) 0.02 ug/L

response 205

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 76.30  | 94.15  |
| 65.00 | 23.70  | 29.76  |
| 0.00  | 0.00   | 0.00   |

## Quantitation Report (Qedit)

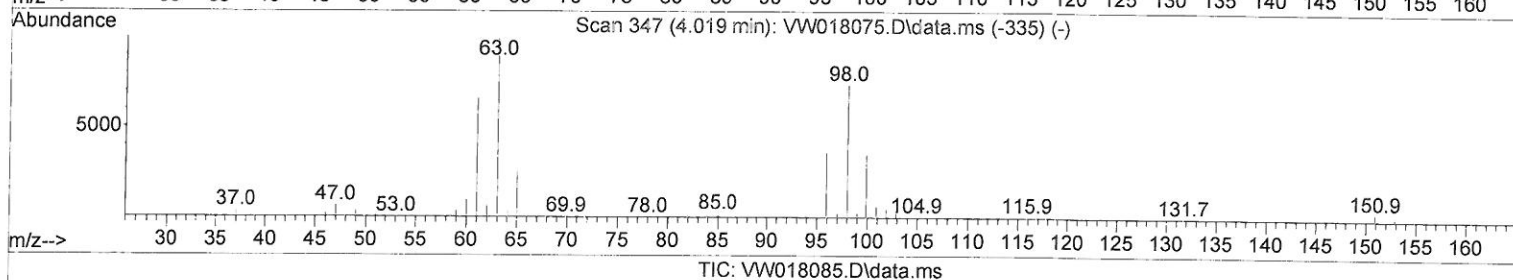
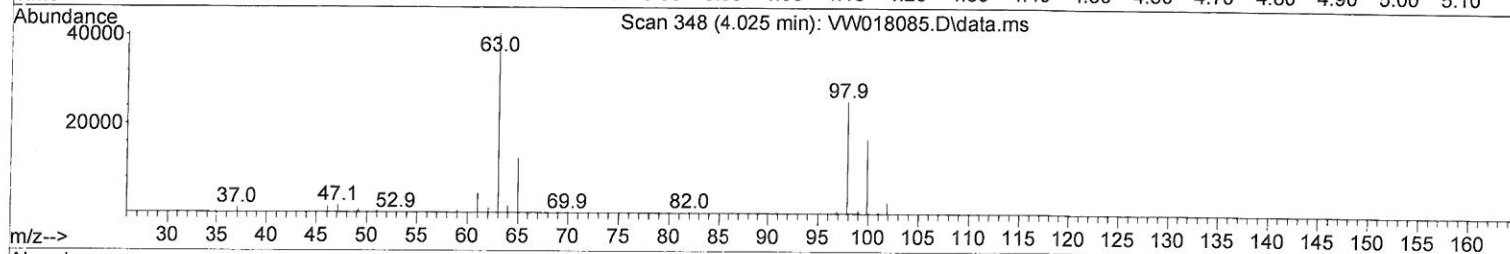
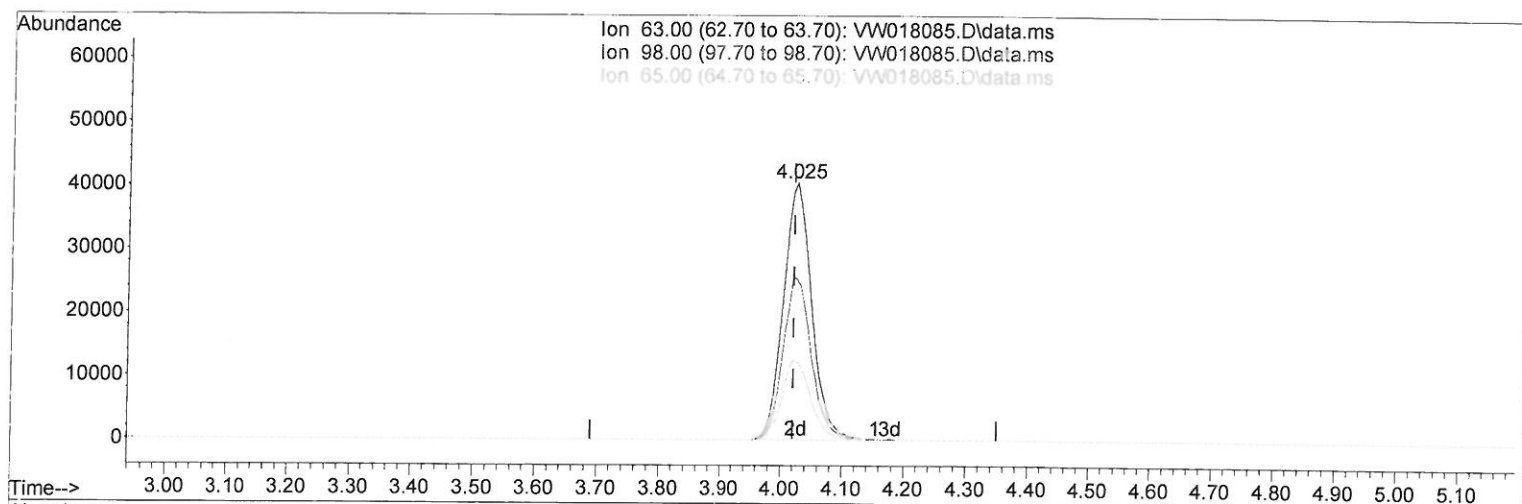
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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
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(10) 1,1-Dichloroethene-d2 (S)

4.025min (+ 0.006) 15.69 ug/L m

response 128804

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 76.30  | 0.15#  |
| 65.00 | 23.70  | 0.05#  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

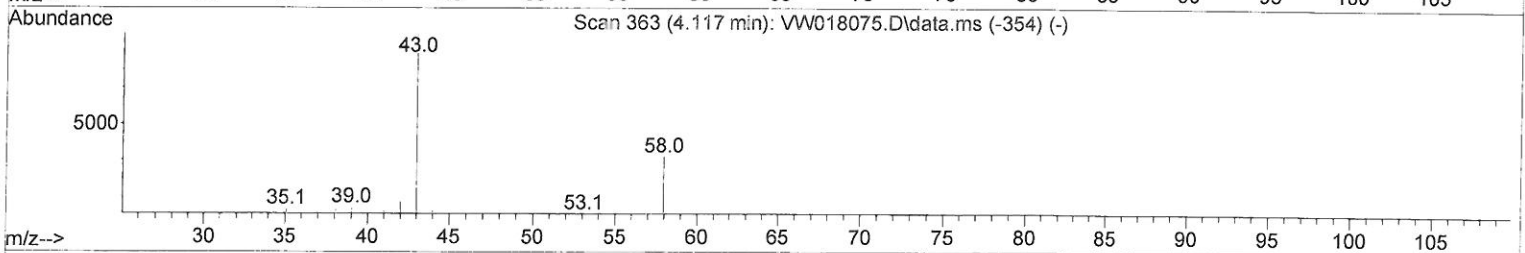
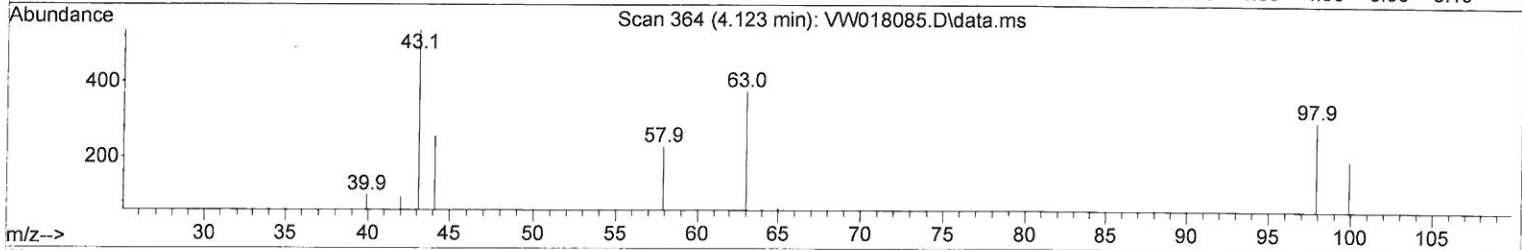
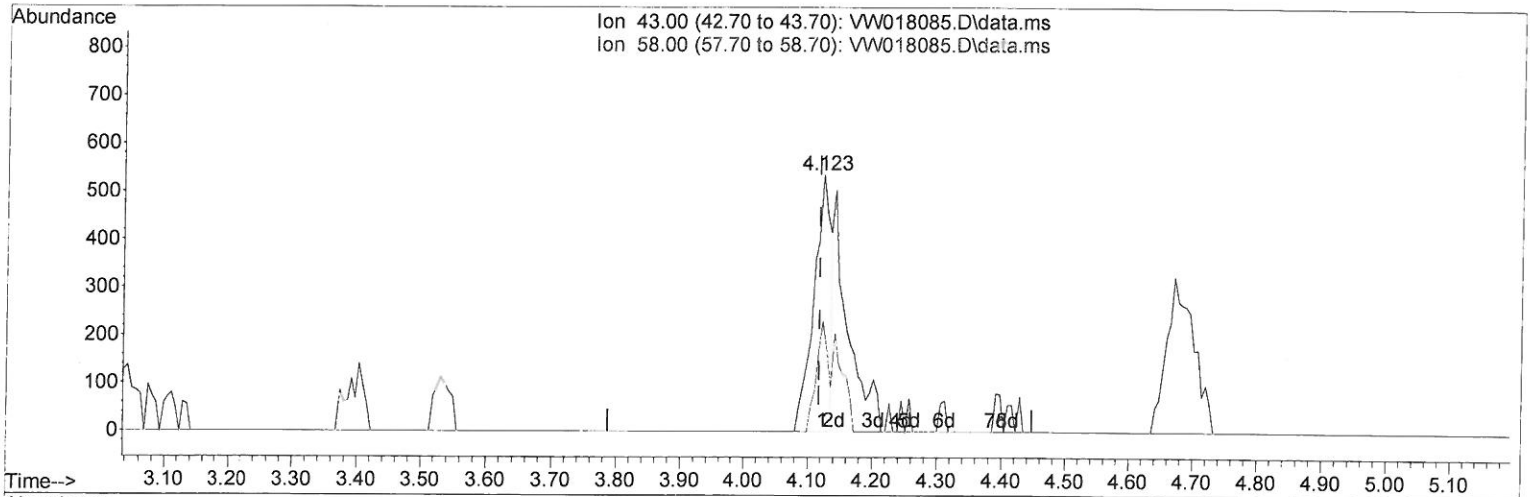
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021121\  
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
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TIC: VW018085.D\data.ms

(13) Acetone (T)

4.123min (+ 0.006) 1.20 ug/L

response 974

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 34.20  | 30.08  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Quantitation Report (Qedit)

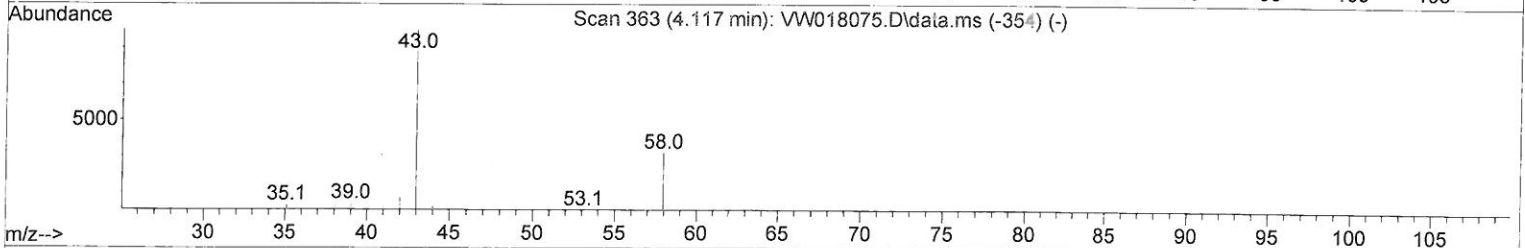
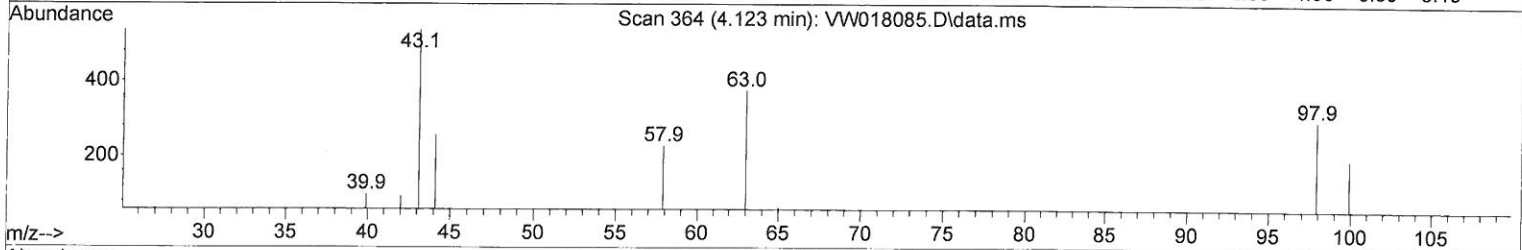
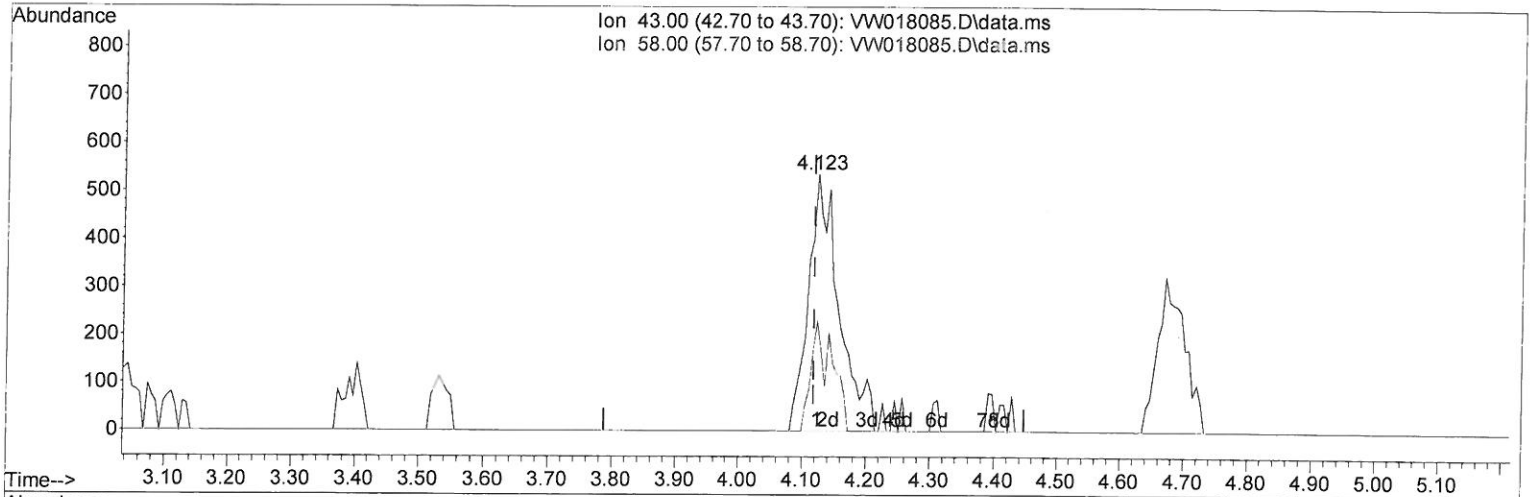
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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TIC: VW018085.D\data.ms

(13) Acetone (T)

4.123min (+ 0.006) 2.19 ug/L m *202/15/21 SY*

response 1775

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 34.20  | 16.51  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

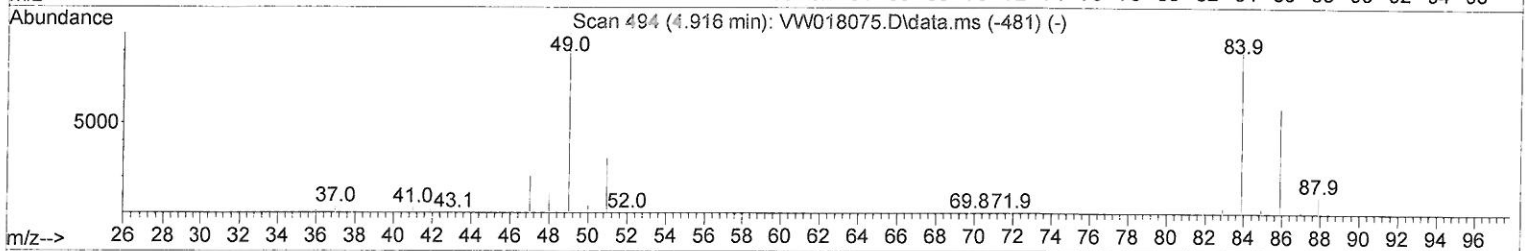
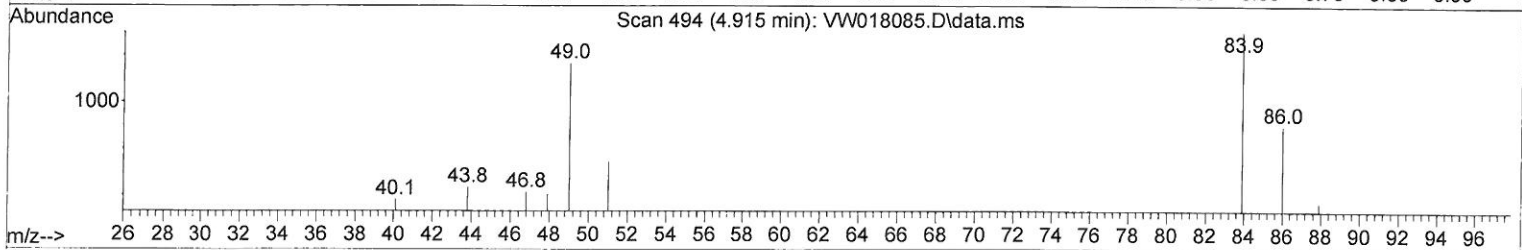
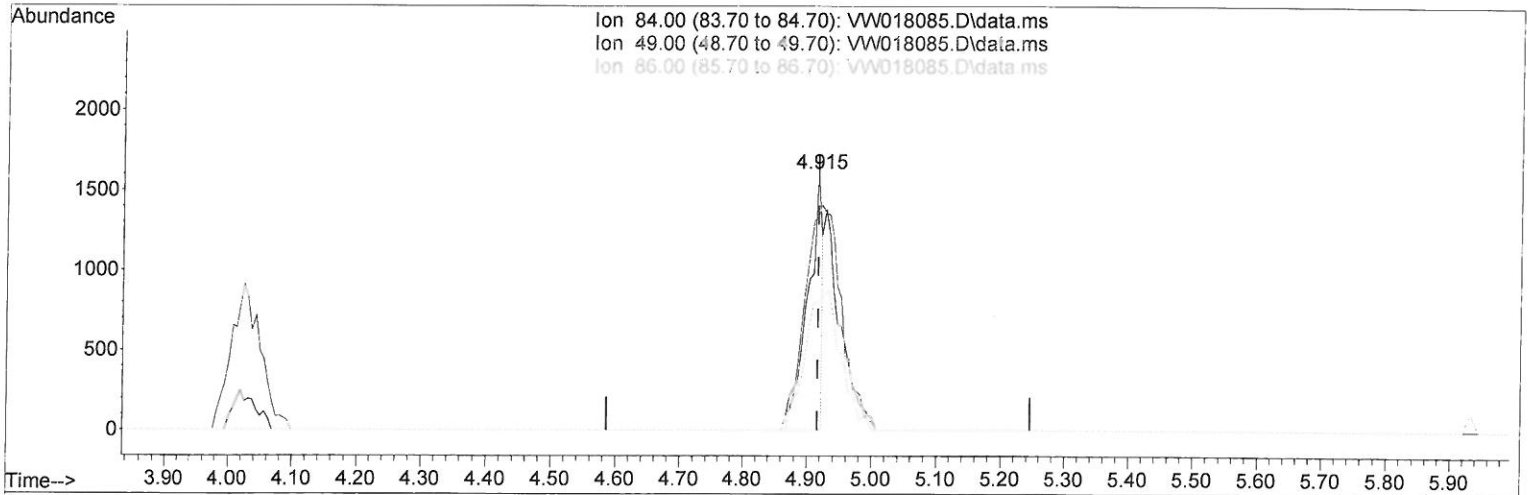
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 Data File : VW018085.D  
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 Operator : SY/VA  
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 Misc : 5.90G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBGY3

Manual Integrations  
 APPROVED

MMDadoda  
 2/15/2021 7:08:17 AM

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TIC: VW018085.D\data.ms

(16) Methylene chloride (T)

4.915min (-0.000) 0.48 ug/L

response 2534

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 116.00 | 83.19  |
| 86.00 | 63.60  | 49.63  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

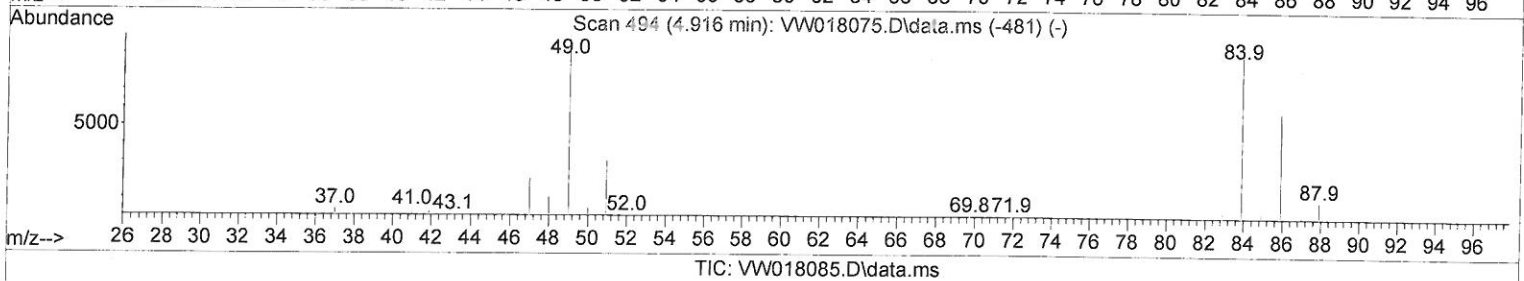
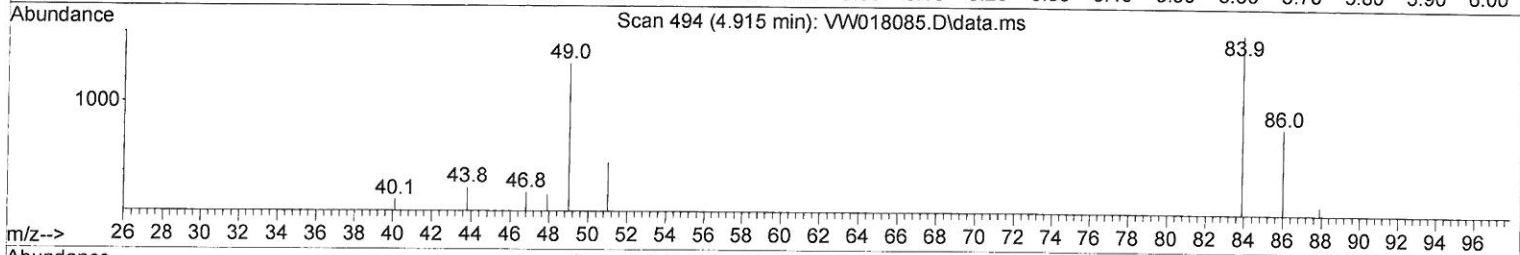
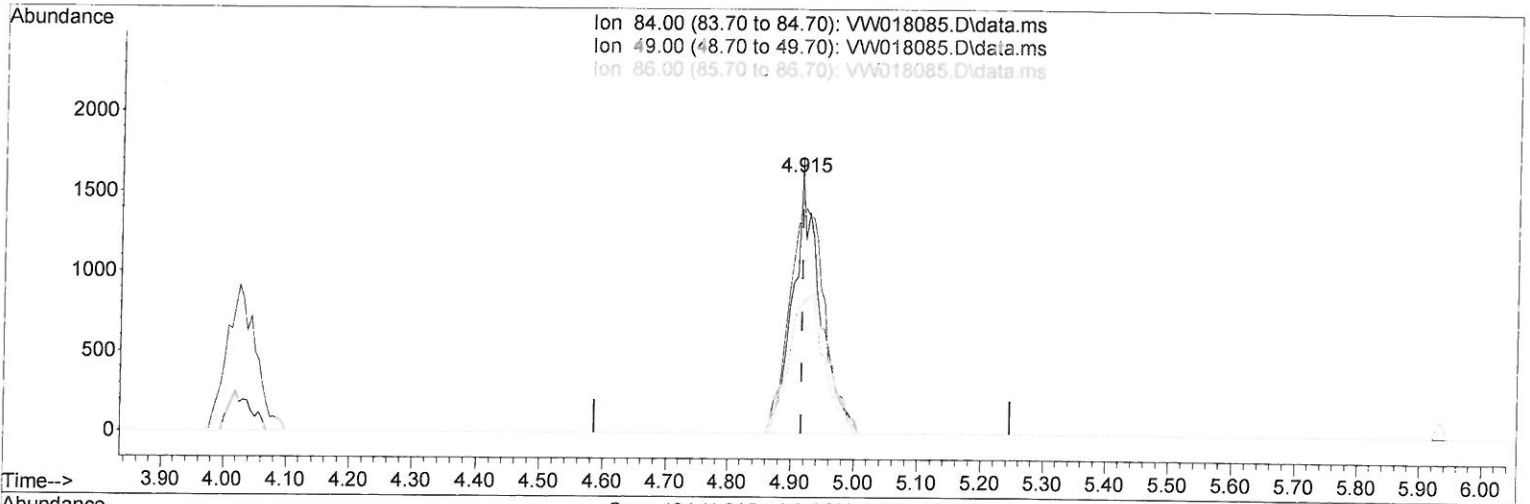
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021121\  
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 Misc : 5.90G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBGY3

Manual Integrations  
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 Response via : Initial Calibration



(16) Methylene chloride (T)

4.915min (-0.000) 0.94 ug/L m

02/15/21 SY

response 4985

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 116.00 | 83.19  |
| 86.00 | 63.60  | 49.63  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021121\  
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 Sample : M1370-07  
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual Integrations  
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| 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     | 4.025  | 63    | 128804m  | 15.69    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 62.76%   |
| 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

|                        |       |    |       | Qvalue    |
|------------------------|-------|----|-------|-----------|
| 13) Acetone            | 4.123 | 43 | 1775m | 2.19 ug/L |
| 16) Methylene chloride | 4.915 | 84 | 4985m | 0.94 ug/L |

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

02/15/21 Sy

02/15/21 Cy