

# Quantitation Report (Qedit)

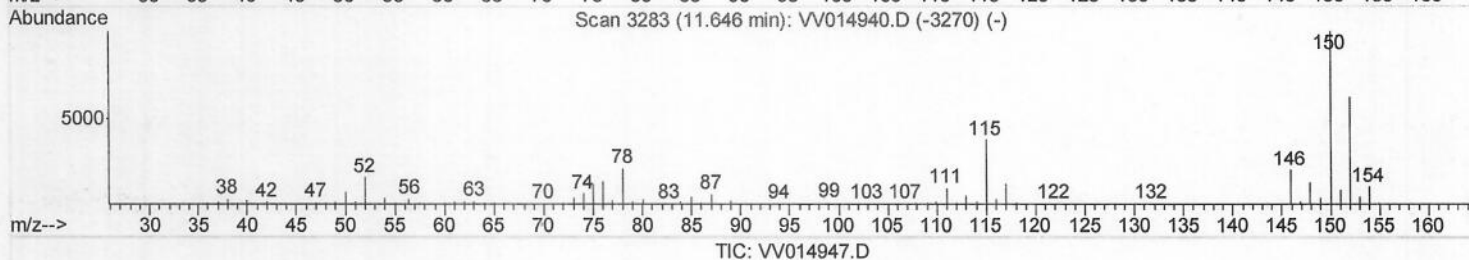
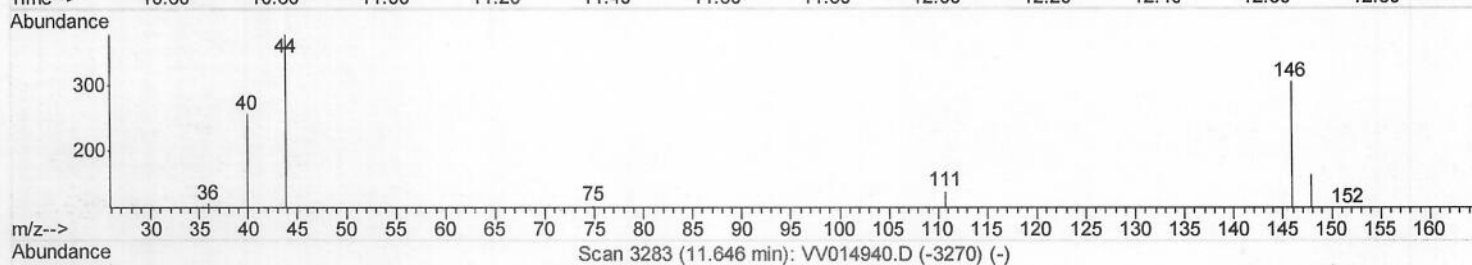
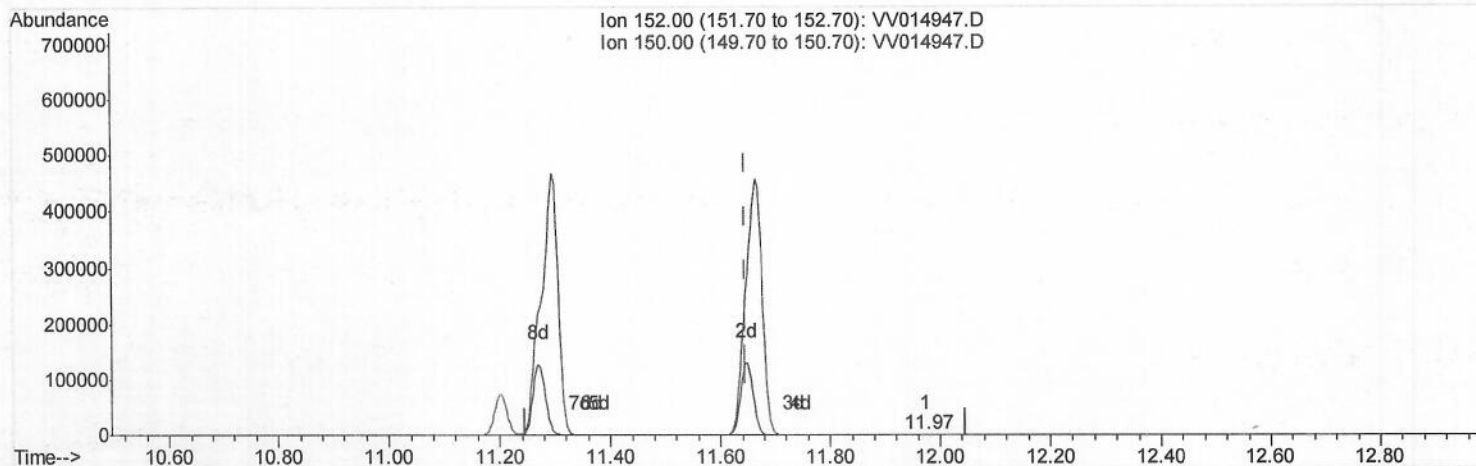
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\  
 Data File : VV014947.D  
 Acq On : 16 Mar 2020 15:42  
 Operator : SY/MD  
 Sample : L1890-12  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0DD2

Manual Integrations  
 APPROVED

apatel  
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Quant Time: Mar 18 03:20:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 18 03:17:46 2020  
 Response via : Initial Calibration



(64) 1,2-Dichlorobenzene-d4 (S)

11.974min (+0.328) 0.01ug/L

response 42

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100    | 100    |
| 150.00 | 172.10 | 154.76 |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

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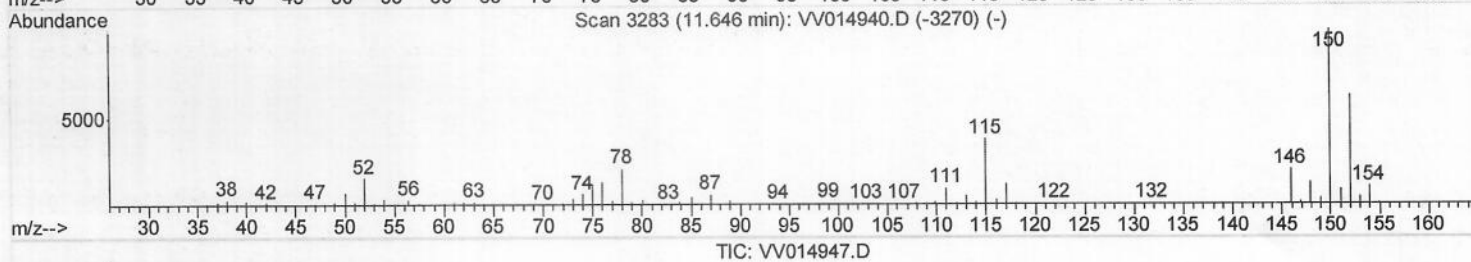
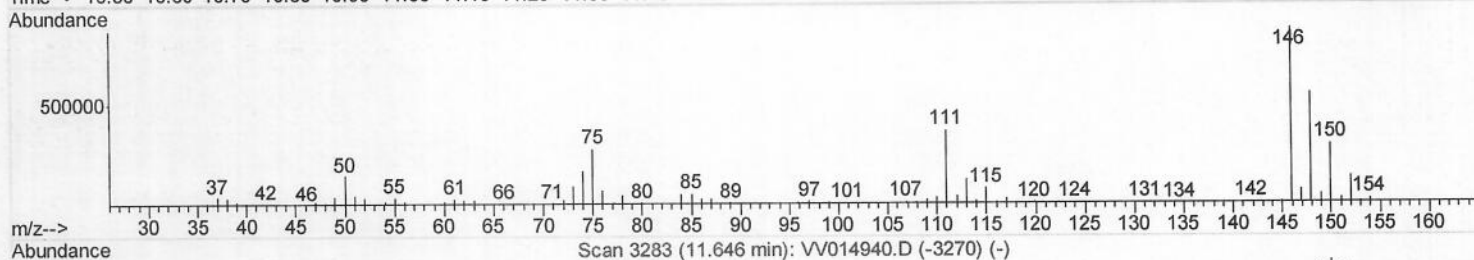
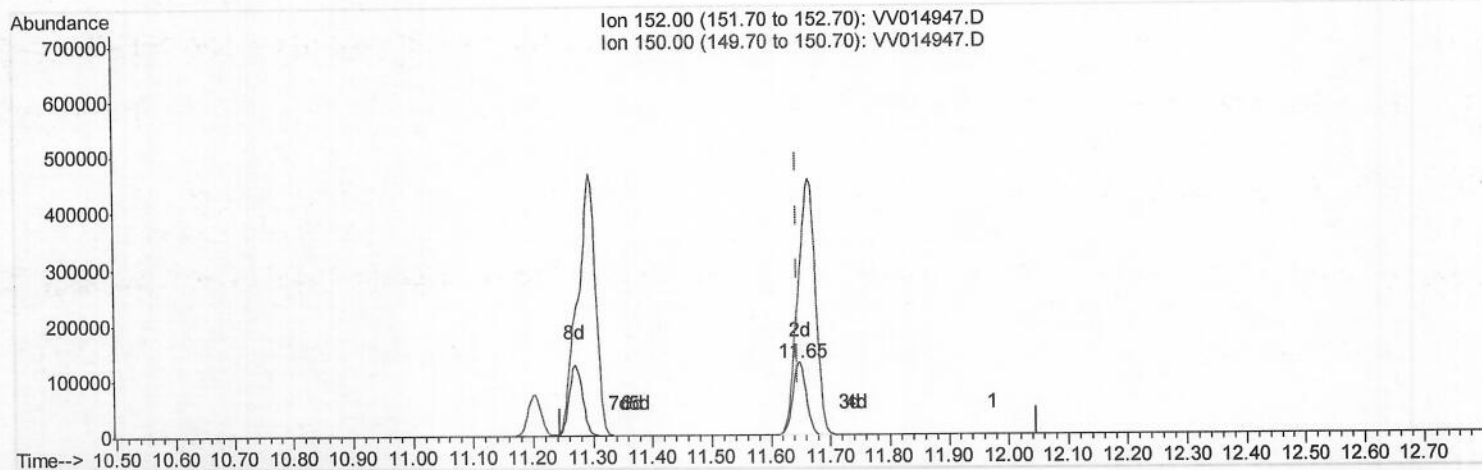
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(64) 1,2-Dichlorobenzene-d4 (S)

11.649min (+0.003) 46.89ug/L m

response 206647

Ion Exp% Act%

152.00 100 100

150.00 172.10 0.03#

0.00 0.00 0.00

0.00 0.00 0.00

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 03/30/2020

## Quantitation Report (QT Reviewed)

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Quant Time: Mar 18 03:58:51 2020  
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| Internal Standards             | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|--------------------------------|----------------|------|------------|----------|--------|----------|
| 1) 1,4-Difluorobenzene         | 5.64           | 114  | 366709     | 50.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5           | 8.88           | 117  | 367948     | 50.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4     | 11.27          | 152  | 201180     | 50.00    | ug/L   | 0.00     |
| System Monitoring Compounds    |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3           | 1.32           | 65   | 108907     | 44.58    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 60 - 135 |      | Recovery = | 89.16%   |        |          |
| 7) Chloroethane-d5             | 1.58           | 69   | 82691      | 45.57    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 70 - 130 |      | Recovery = | 91.14%   |        |          |
| 11) 1,1-Dichloroethene-d2      | 2.12           | 63   | 131583     | 35.11    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 60 - 125 |      | Recovery = | 70.22%   |        |          |
| 21) 2-Butanone-d5              | 3.93           | 46   | 121815     | 81.78    | ug/L   | 0.00     |
| Spiked Amount 100.000          | Range 40 - 130 |      | Recovery = | 81.78%   |        |          |
| 24) Chloroform-d               | 4.38           | 84   | 219936     | 43.21    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 86.42%   |        |          |
| 26) 1,2-Dichloroethane-d4      | 5.06           | 65   | 146698     | 45.49    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 90.98%   |        |          |
| 32) Benzene-d6                 | 5.08           | 84   | 464130     | 45.79    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 91.58%   |        |          |
| 36) 1,2-Dichloropropane-d6     | 6.10           | 67   | 137036     | 45.40    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 70 - 120 |      | Recovery = | 90.80%   |        |          |
| 41) Toluene-d8                 | 7.34           | 98   | 460336     | 45.92    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 80 - 120 |      | Recovery = | 91.84%   |        |          |
| 43) trans-1,3-Dichloropropene- | 7.64           | 79   | 70545      | 43.96    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 60 - 125 |      | Recovery = | 87.92%   |        |          |
| 47) 2-Hexanone-d5              | 8.12           | 63   | 126156     | 92.59    | ug/L   | 0.00     |
| Spiked Amount 100.000          | Range 45 - 130 |      | Recovery = | 92.59%   |        |          |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24          | 84   | 195246     | 44.18    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 65 - 120 |      | Recovery = | 88.36%   |        |          |
| 64) 1,2-Dichlorobenzene-d4     | 11.65          | 152  | 206647m    | 46.89    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 80 - 120 |      | Recovery = | 93.78%   |        |          |
| Target Compounds               |                |      |            |          |        |          |
| 12) 1,1-Dichloroethene         | 2.12           | 96   | 1428       | 0.829    | ug/L # | 1        |
| 25) Chloroform                 | 4.40           | 83   | 12233      | 2.548    | ug/L   | 91       |
| 31) Carbon tetrachloride       | 4.86           | 117  | 4857       | 1.245    | ug/L   | 95       |
| 33) Benzene                    | 5.13           | 78   | 4276975    | 427.175  | ug/L   | 100      |
| 51) Chlorobenzene              | 8.91           | 112  | 15971133m  | 2058.601 | ug/L   |          |
| 62) 1,3-Dichlorobenzene        | 11.20          | 146  | 1089539    | 164.344  | ug/L   | 99       |
| 63) 1,4-Dichlorobenzene        | 11.30          | 146  | 6354708    | 951.554  | ug/L   | 99       |
| 65) 1,2-Dichlorobenzene        | 11.67          | 146  | 5956102    | 899.387  | ug/L   | 99       |
| 67) 1,3,5-Trichlorobenzene     | 12.67          | 180  | 10983      | 2.113    | ug/L   | 96       |
| 68) 1,2,4-trichlorobenzene     | 13.28          | 180  | 4128799    | 891.189  | ug/L   | 99       |
| 70) 1,2,3-Trichlorobenzene     | 13.77          | 180  | 1041654    | 227.135  | ug/L   | 100      |

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

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 03/30/2020

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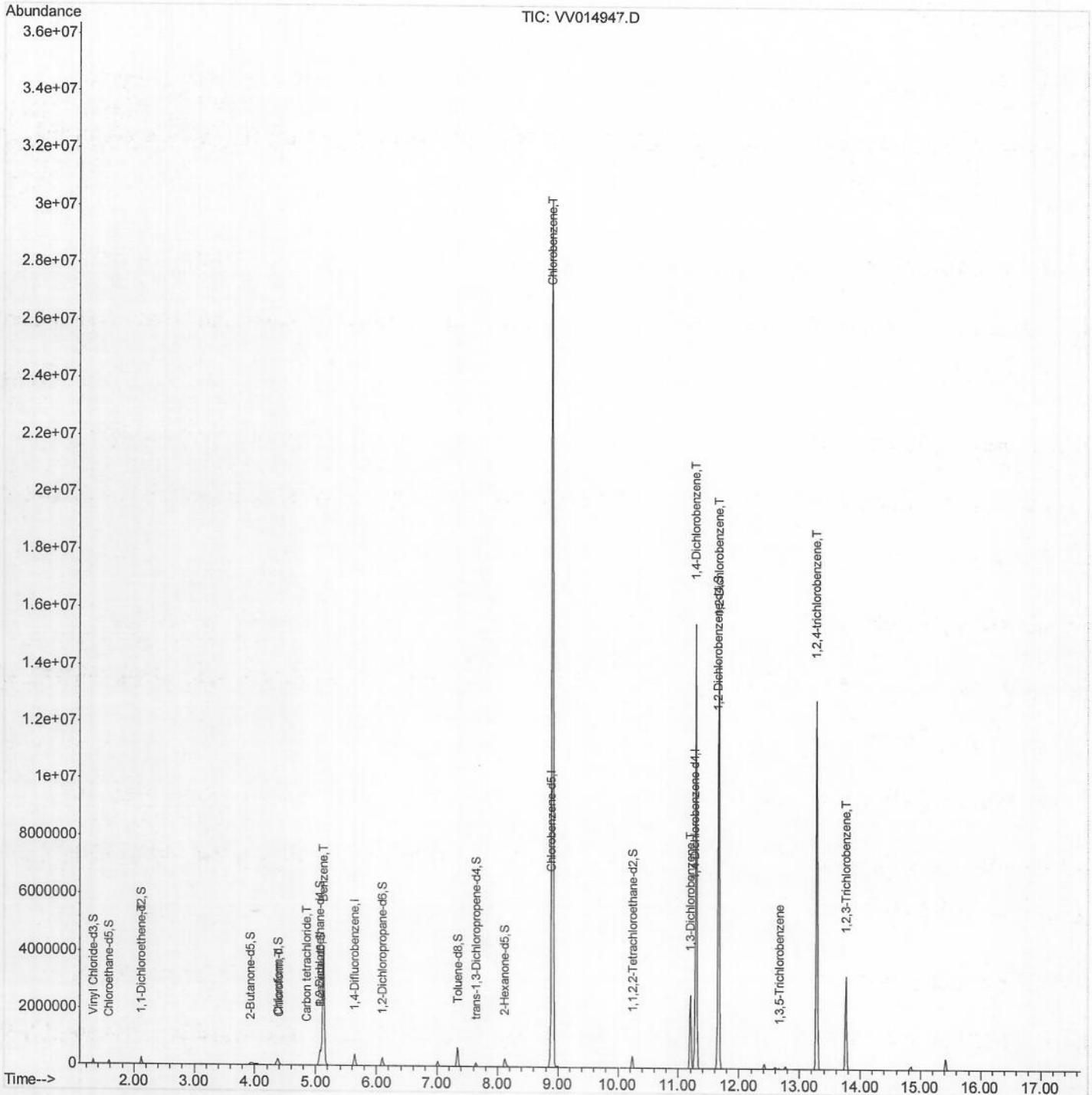
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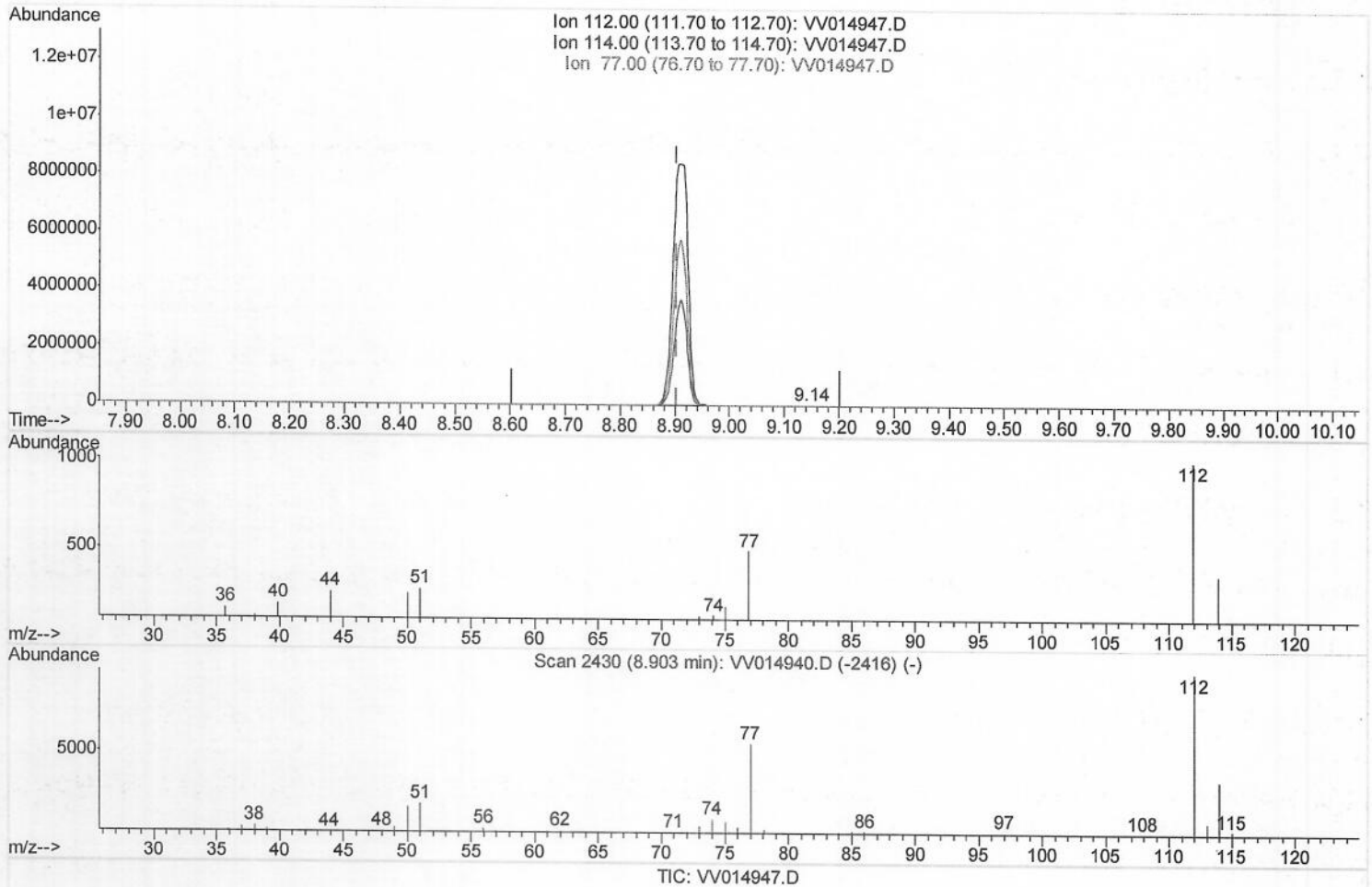
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(51) Chlorobenzene (T)

9.142min (+0.238) 0.02ug/L

response 130

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 112.00 | 100   | 100   |
| 114.00 | 32.60 | 35.66 |
| 77.00  | 55.60 | 48.95 |
| 0.00   | 0.00  | 0.00  |

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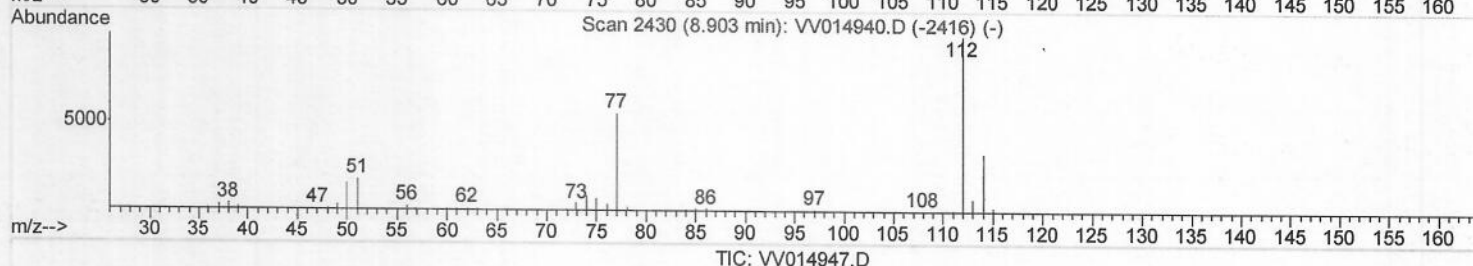
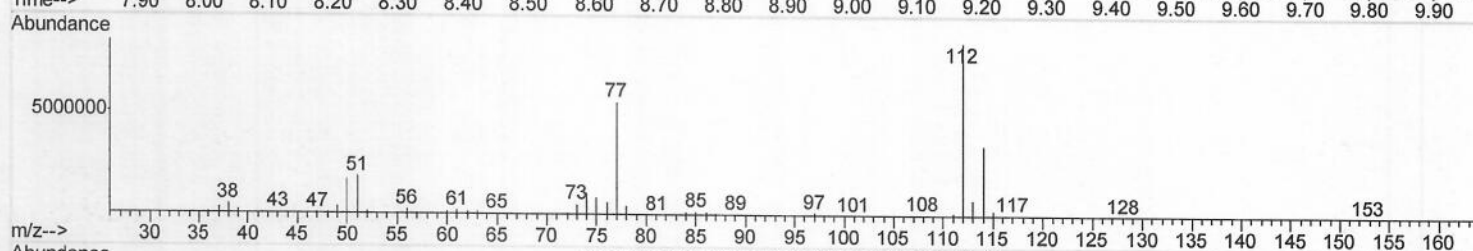
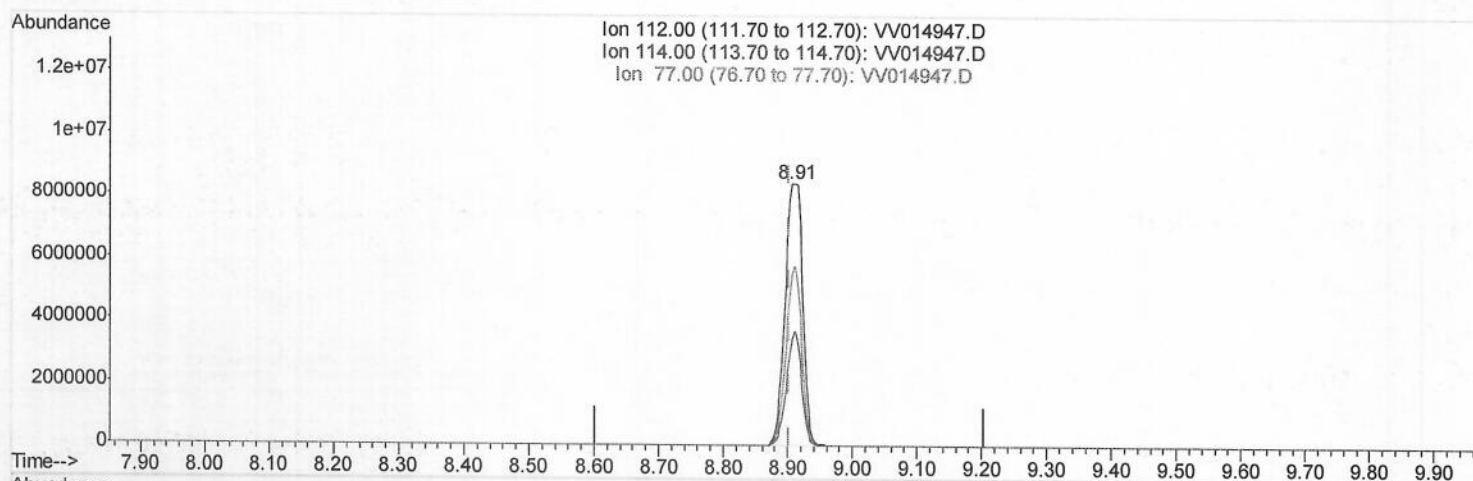
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TIC: VV014947.D

(51) Chlorobenzene (T)

8.907min (+0.003) 2058.60ug/L m

response 15971133

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 112.00 | 100   | 100   |
| 114.00 | 32.60 | 40.62 |
| 77.00  | 55.60 | 65.37 |
| 0.00   | 0.00  | 0.00  |

*MD*  
*03/30/2020*