

# Quantitation Report (QT Reviewed)

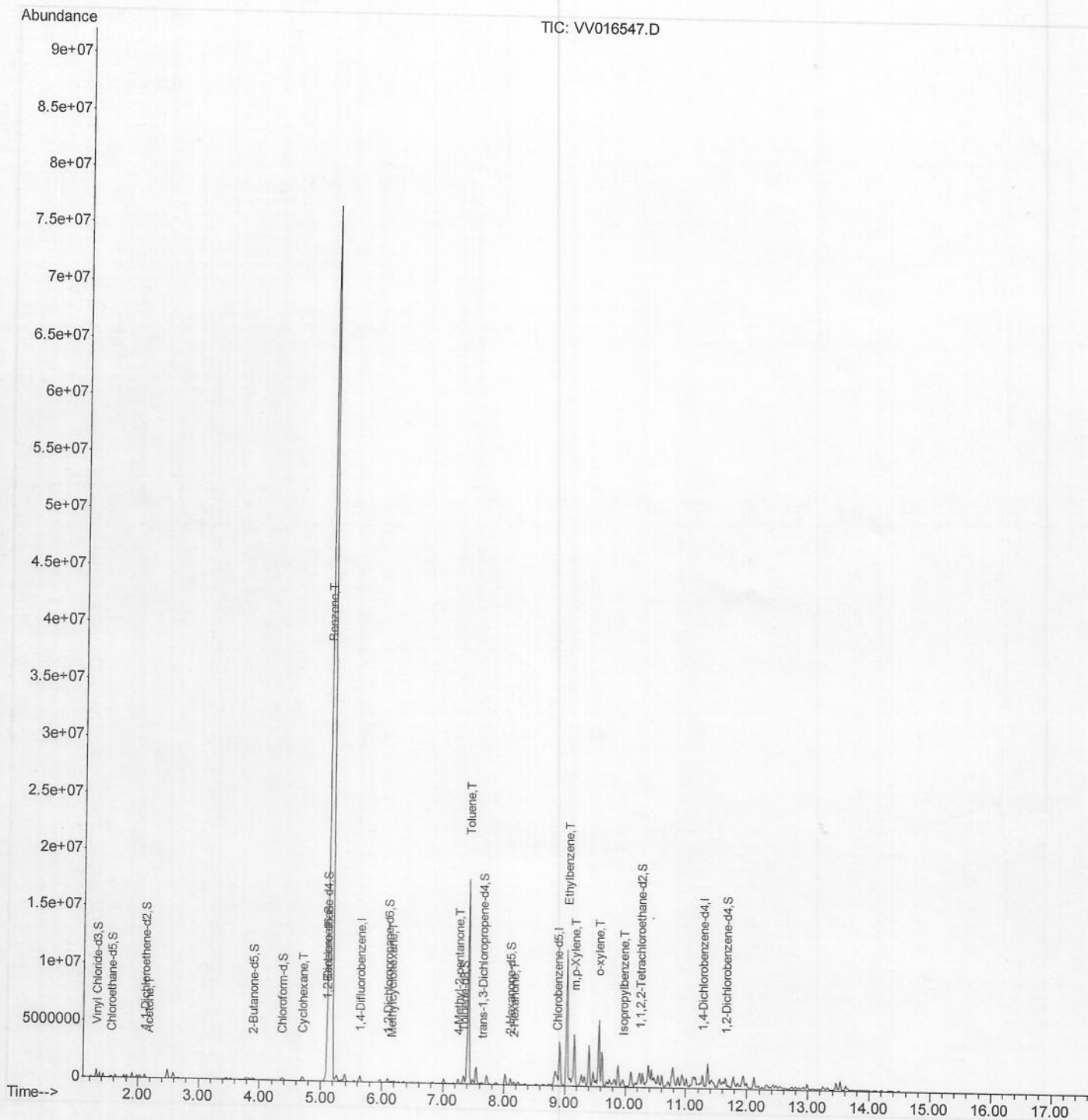
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\  
 Data File : VV016547.D  
 Acq On : 05 Jun 2020 19:39  
 Operator : SY/MD  
 Sample : L2861-19  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9E67

Quant Time: Jun 06 08:57:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 06 06:28:49 2020  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

sam  
 6/6/2020 11:34:16 AM



# Quantitation Report (Qedit)

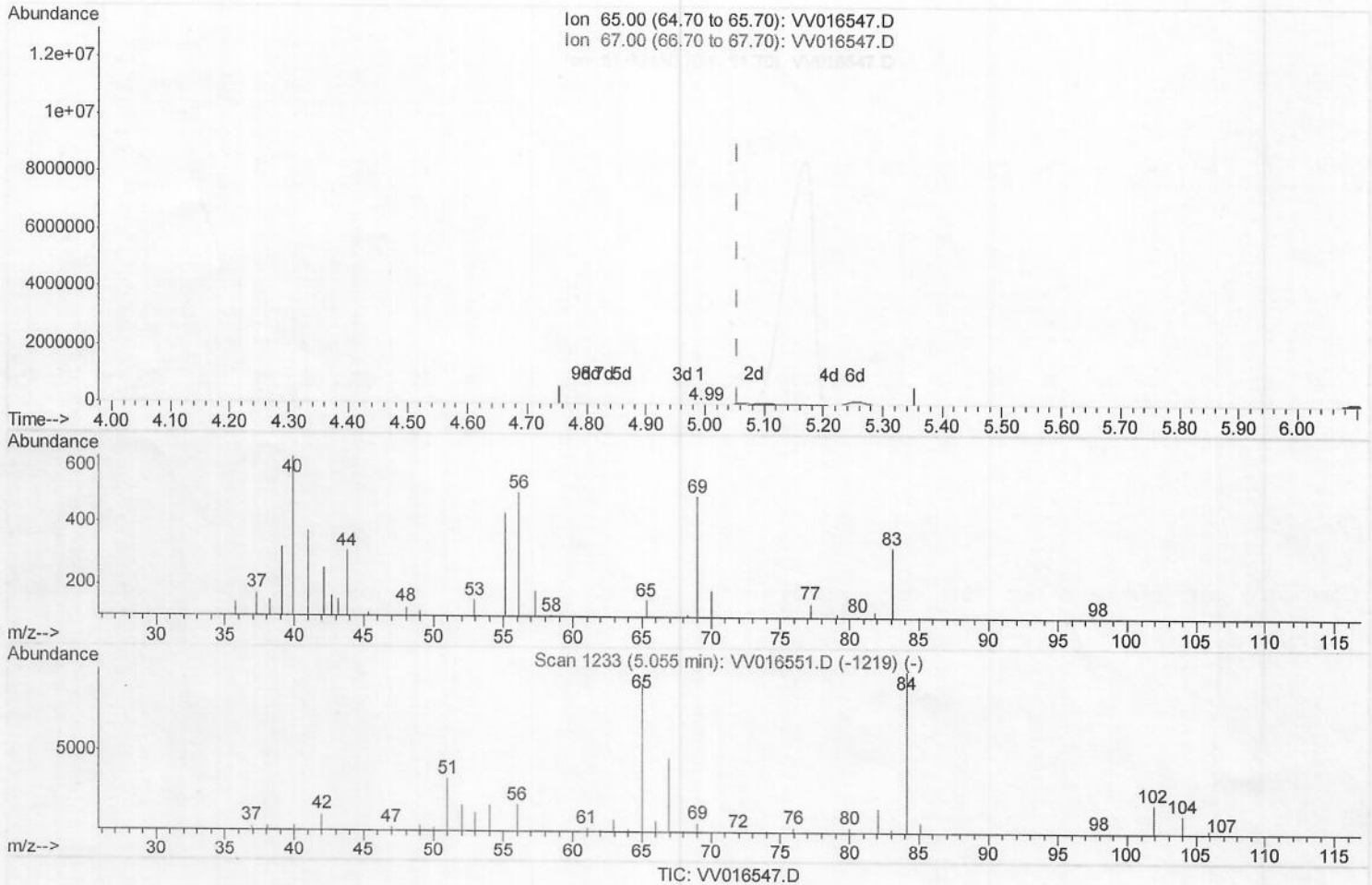
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(26) 1,2-Dichloroethane-d4 (S)

4.994min (-0.061) 0.04ug/L

response 151

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 65.00 | 100   | 100   |
| 67.00 | 52.20 | 54.30 |
| 51.00 | 37.30 | 47.68 |
| 0.00  | 0.00  | 0.00  |

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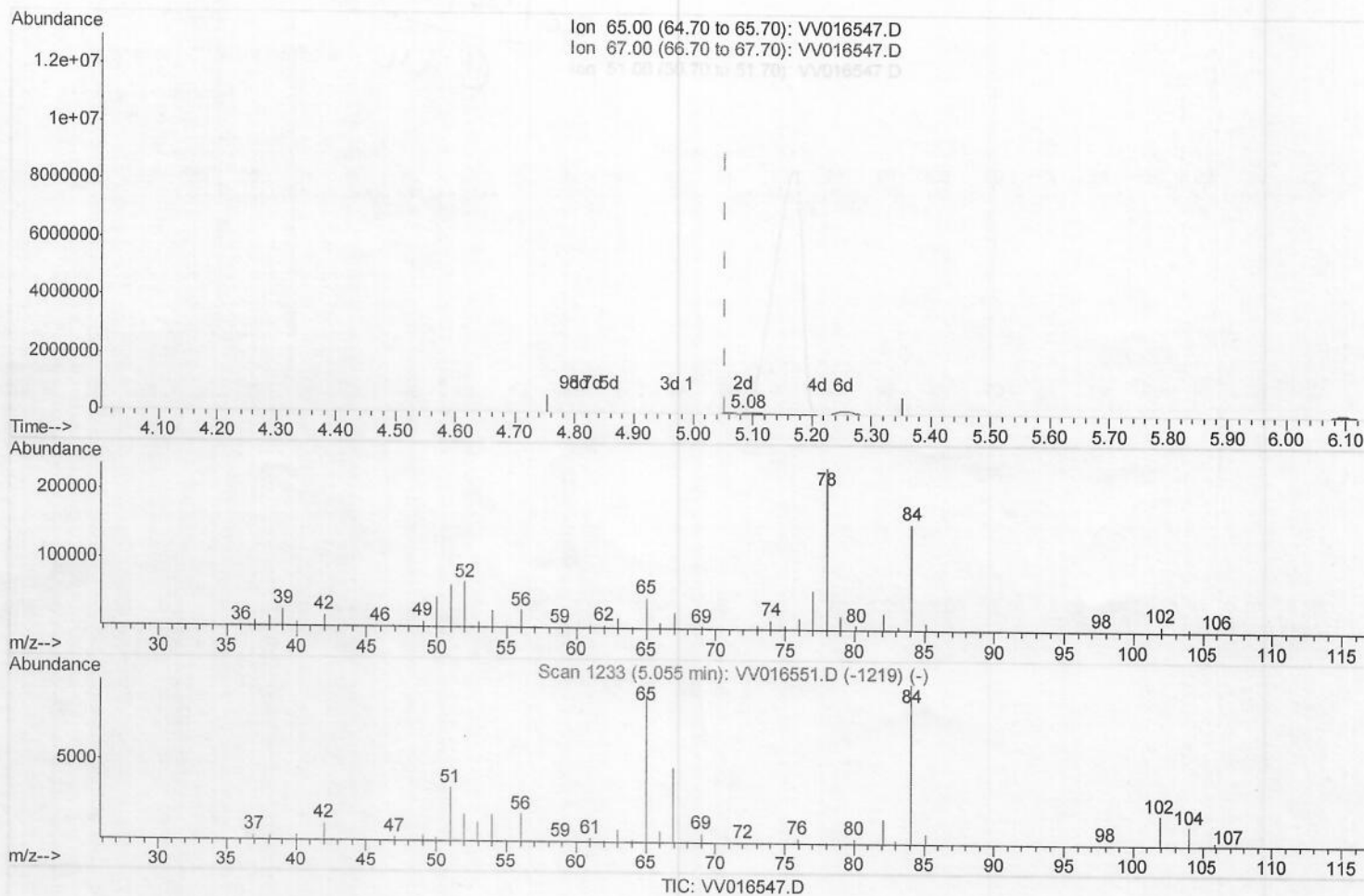
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(26) 1,2-Dichloroethane-d4 (S)

5.084min (+0.029) 45.33ug/L m

response 175085

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 65.00 | 100   | 100   |
| 67.00 | 52.20 | 0.05# |
| 51.00 | 37.30 | 0.04# |
| 0.00  | 0.00  | 0.00  |

*M.D.*  
*06/08/20*

# Quantitation Report (Qedit)

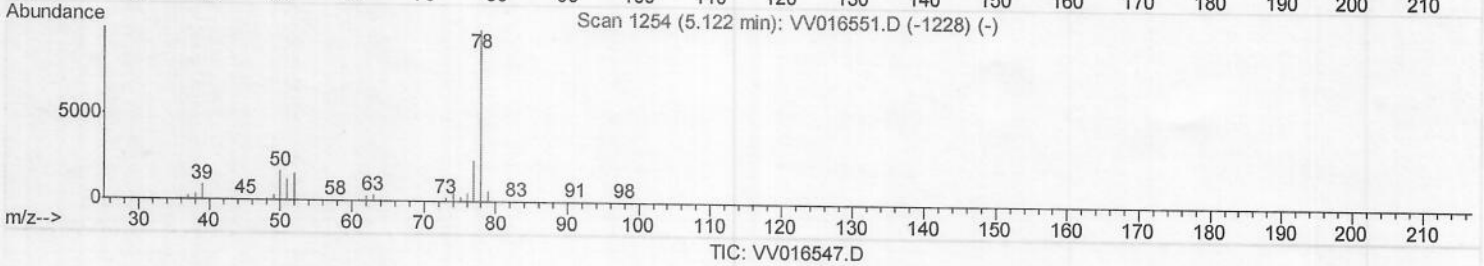
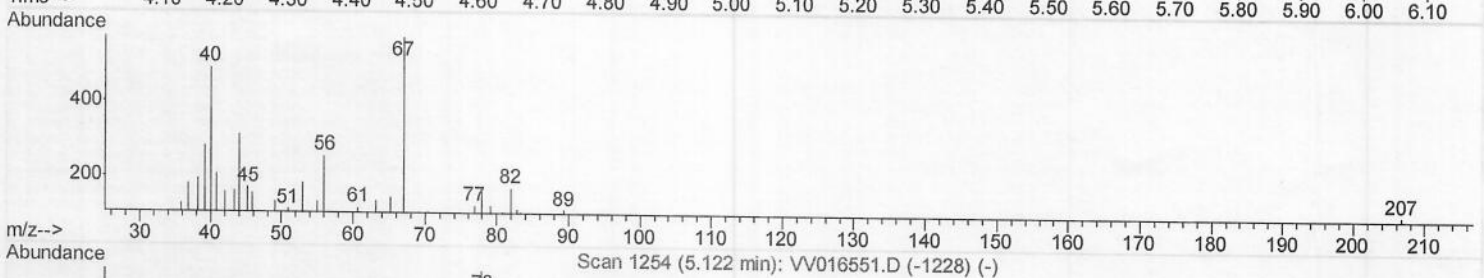
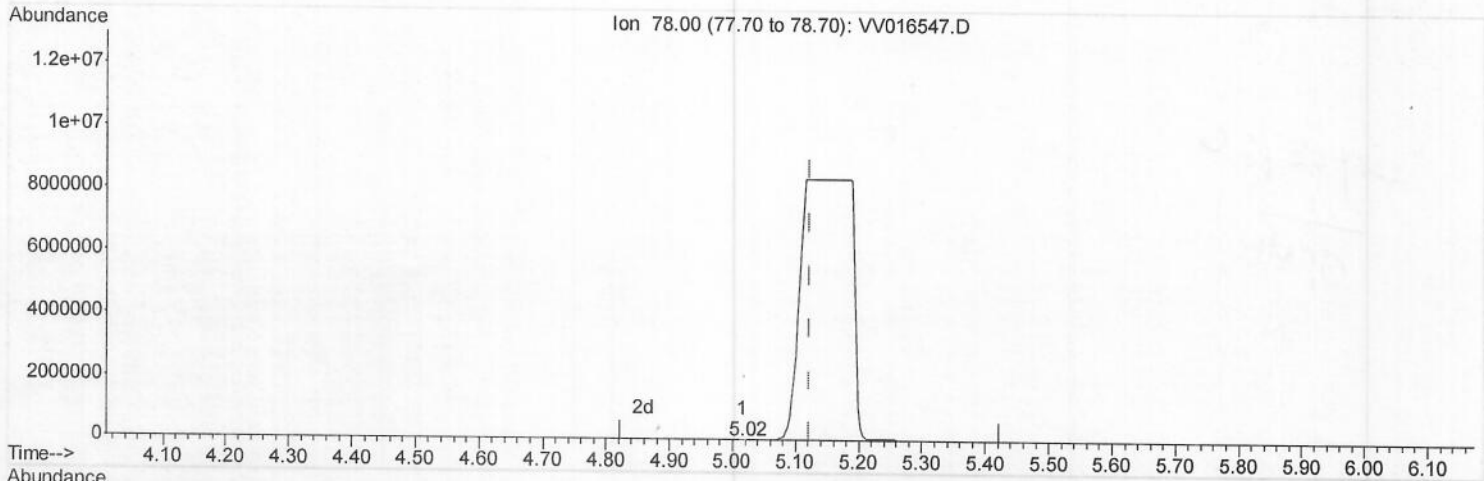
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sam  
 6/6/2020 11:34:16 AM

Quant Time: Jun 06 08:27:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
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(33) Benzene (T)

5.016min (-0.106) 0.01ug/L

response 84

| Ion   | Exp% | Act% |
|-------|------|------|
| 78.00 | 100  | 100  |
| 0.00  | 0.00 | 0.00 |
| 0.00  | 0.00 | 0.00 |
| 0.00  | 0.00 | 0.00 |

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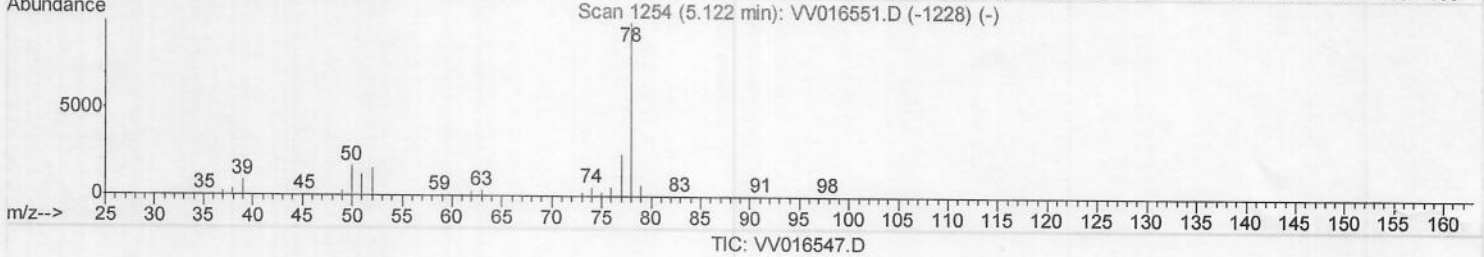
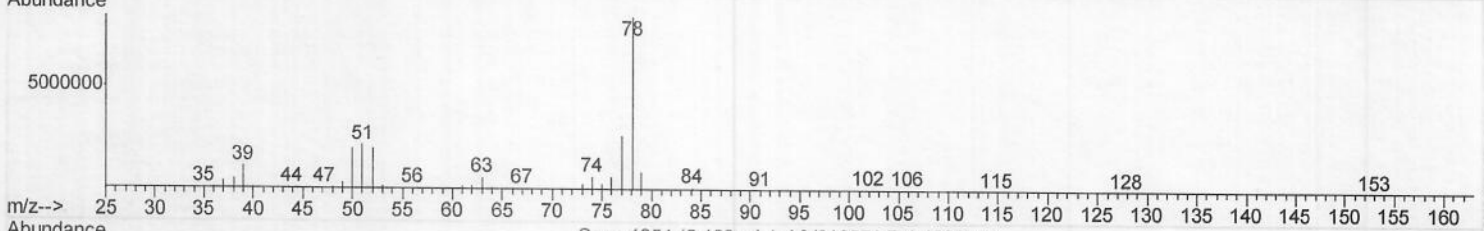
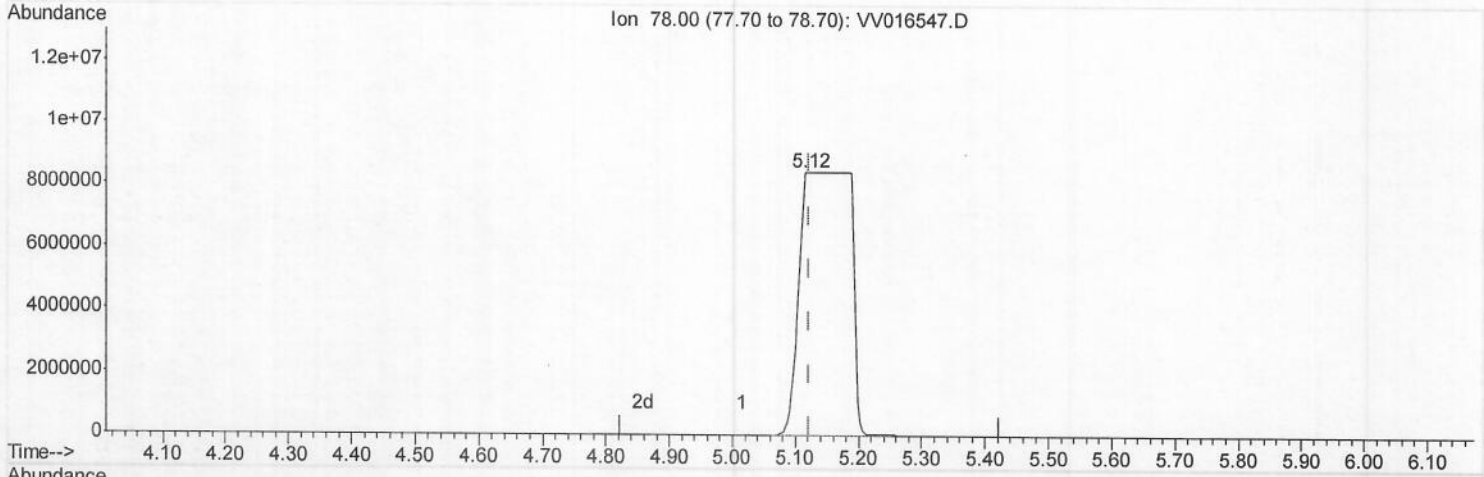
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(33) Benzene (T)

5.116min (-0.006) 3807.85ug/L m

response 46689411

| Ion   | Exp% | Act% |
|-------|------|------|
| 78.00 | 100  | 100  |
| 0.00  | 0.00 | 0.00 |
| 0.00  | 0.00 | 0.00 |
| 0.00  | 0.00 | 0.00 |

*M.D*  
*06/08/20*

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| Internal Standards             | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|--------------------------------|----------------|------|------------|----------|--------|----------|
| 1) 1,4-Difluorobenzene         | 5.64           | 114  | 433947     | 50.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5           | 8.87           | 117  | 416914     | 50.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4     | 11.27          | 152  | 209284     | 50.00    | ug/L   | 0.00     |
| System Monitoring Compounds    |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3           | 1.31           | 65   | 123793     | 40.28    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 60 - 135 |      | Recovery = | 80.56%   |        |          |
| 7) Chloroethane-d5             | 1.56           | 69   | 88340      | 39.81    | ug/L   | -0.02    |
| Spiked Amount 50.000           | Range 70 - 130 |      | Recovery = | 79.62%   |        |          |
| 11) 1,1-Dichloroethene-d2      | 2.12           | 63   | 164925     | 30.27    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 60 - 125 |      | Recovery = | 60.54%   |        |          |
| 21) 2-Butanone-d5              | 3.90           | 46   | 197746     | 100.62   | ug/L   | 0.00     |
| Spiked Amount 100.000          | Range 40 - 130 |      | Recovery = | 100.62%  |        |          |
| 24) Chloroform-d               | 4.37           | 84   | 248250     | 43.04    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 86.08%   |        |          |
| 26) 1,2-Dichloroethane-d4      | 5.08           | 65   | 175085m    | 45.33    | ug/L   | 0.03     |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 90.66%   |        |          |
| 32) Benzene-d6                 | 5.09           | 84   | 488913     | 43.78    | ug/L   | 0.01     |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 87.56%   |        |          |
| 36) 1,2-Dichloropropane-d6     | 6.09           | 67   | 154386     | 44.37    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 70 - 120 |      | Recovery = | 88.74%   |        |          |
| 41) Toluene-d8                 | 7.34           | 98   | 465017     | 45.85    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 80 - 120 |      | Recovery = | 91.70%   |        |          |
| 43) trans-1,3-Dichloropropene- | 7.64           | 79   | 72989      | 43.04    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 60 - 125 |      | Recovery = | 86.08%   |        |          |
| 47) 2-Hexanone-d5              | 8.11           | 63   | 163818     | 109.92   | ug/L   | 0.00     |
| Spiked Amount 100.000          | Range 45 - 130 |      | Recovery = | 109.92%  |        |          |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24          | 84   | 201360     | 42.67    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 65 - 120 |      | Recovery = | 85.34%   |        |          |
| 64) 1,2-Dichlorobenzene-d4     | 11.65          | 152  | 184245     | 46.85    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 80 - 120 |      | Recovery = | 93.70%   |        |          |
| Target Compounds               |                |      |            |          |        |          |
| 13) Acetone                    | 2.17           | 43   | 11539      | 6.282    | ug/L   | 100      |
| 29) Cyclohexane                | 4.70           | 56   | 184628     | 37.312   | ug/L   | 99       |
| 33) Benzene                    | 5.12           | 78   | 46689411m  | 3807.845 | ug/L   |          |
| 35) Methylcyclohexane          | 6.15           | 83   | 29579      | 6.405    | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone       | 7.25           | 43   | 261458     | 59.456   | ug/L   | 99       |
| 42) Toluene                    | 7.41           | 91   | 12315743   | 947.897  | ug/L   | 94       |
| 48) 2-Hexanone                 | 8.16           | 43   | 164324     | 48.065   | ug/L # | 98       |
| 52) Ethylbenzene               | 9.04           | 91   | 7730074    | 546.641  | ug/L   | 99       |
| 53) m,p-Xylene                 | 9.16           | 106  | 1161495    | 217.829  | ug/L   | 98       |
| 54) o-xylene                   | 9.57           | 106  | 1409439    | 272.930  | ug/L   | 100      |
| 56) Isopropylbenzene           | 9.95           | 105  | 167993     | 12.524   | ug/L # | 97       |

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