

Quantitation Report (LSC Reviewed)

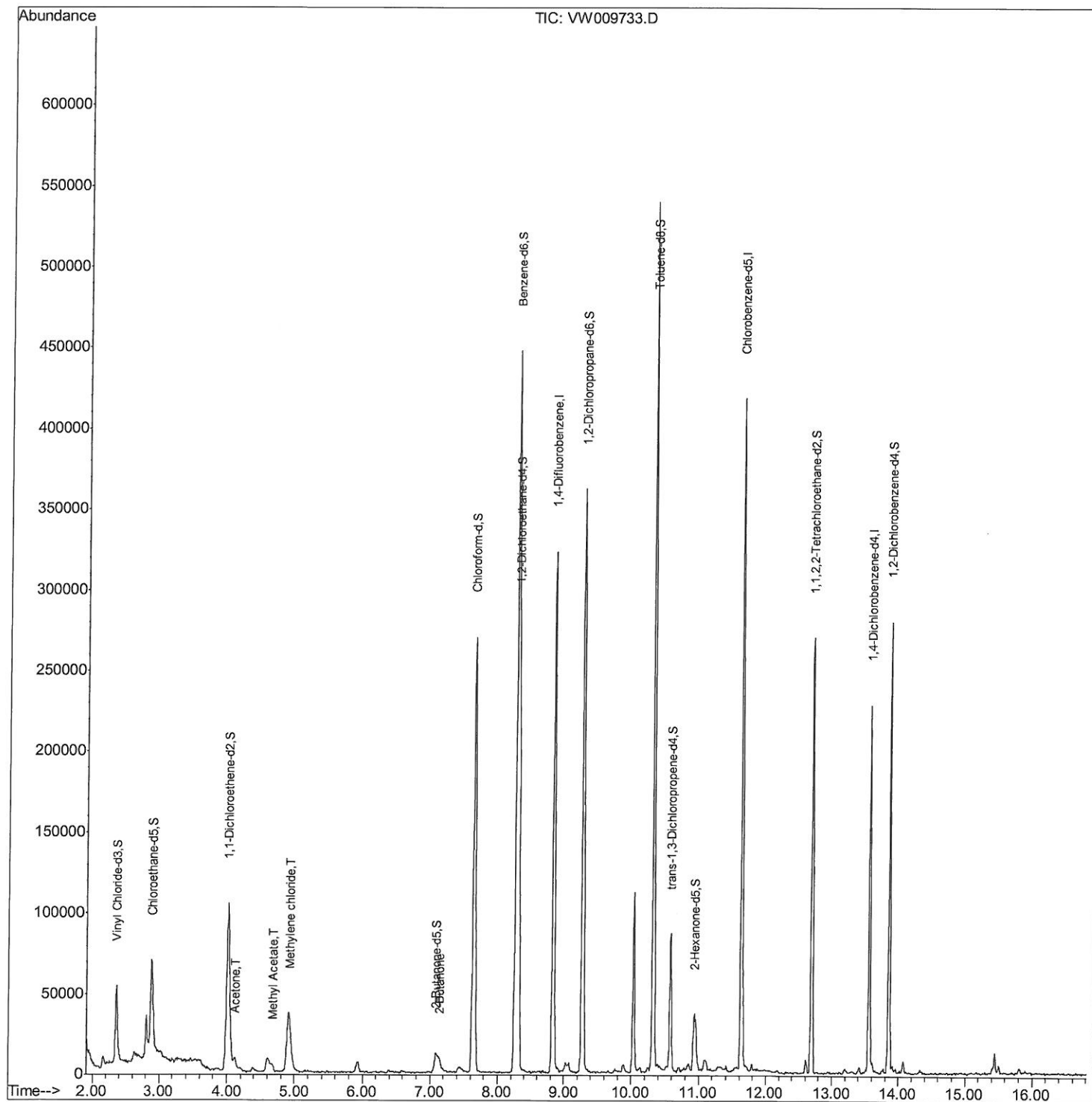
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW040519\  
 Data File : VW009733.D  
 Acq On : 05 Apr 2019 15:30  
 Operator : SY/VA  
 Sample : K2148-21  
 Misc : 5.15G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF5H1RE

Manual Integrations  
 APPROVED

MMDadoda  
 4/8/2019 3:33:02 AM

Quant Time: Apr 06 04:32:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 06 03:51:49 2019  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

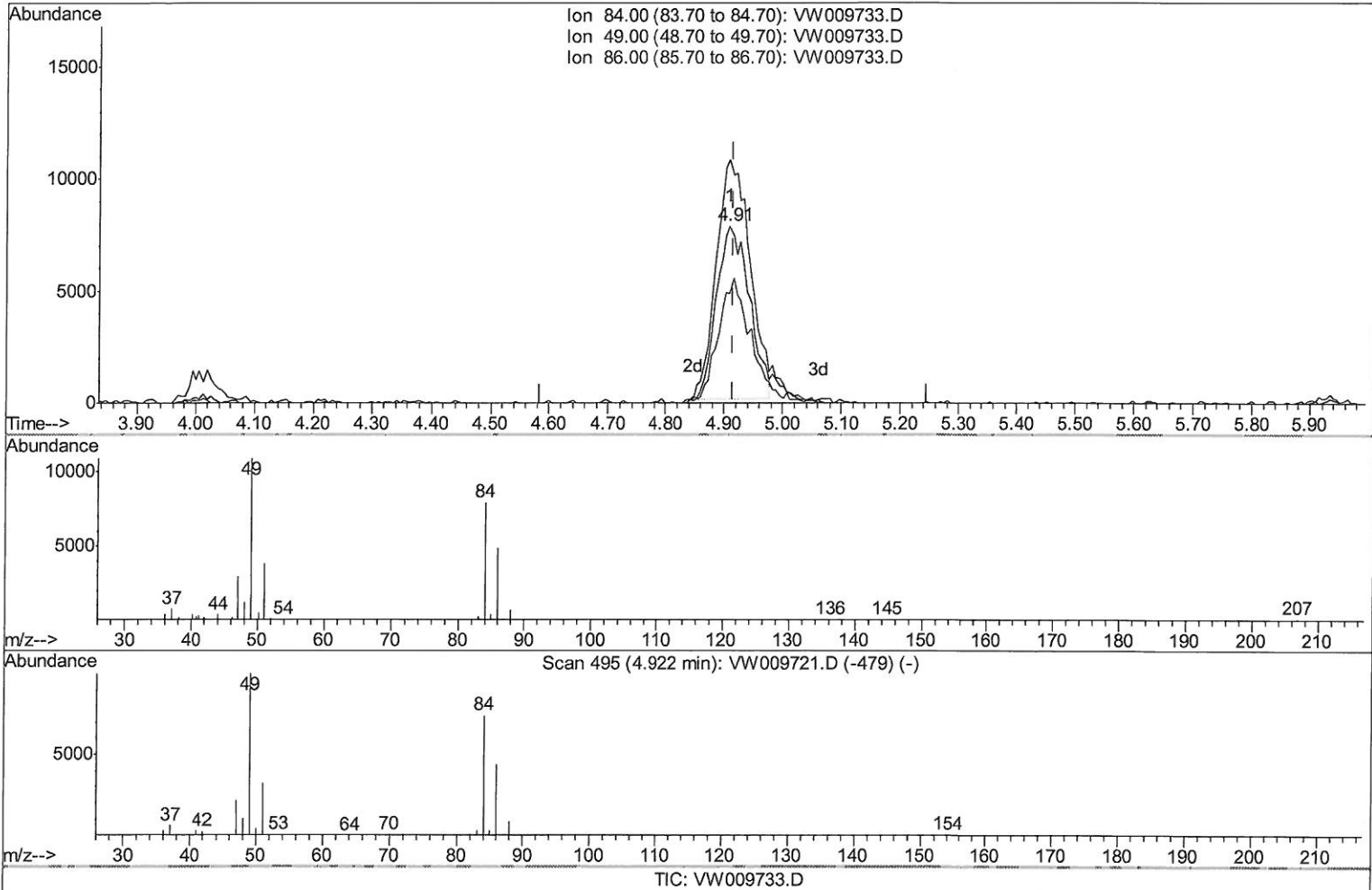
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(16) Methylene chloride (T)

4.909min (-0.006) 7.06ug/L

response 29996

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 140.40 | 137.43 |
| 86.00 | 66.30  | 61.70  |
| 0.00  | 0.00   | 0.00   |

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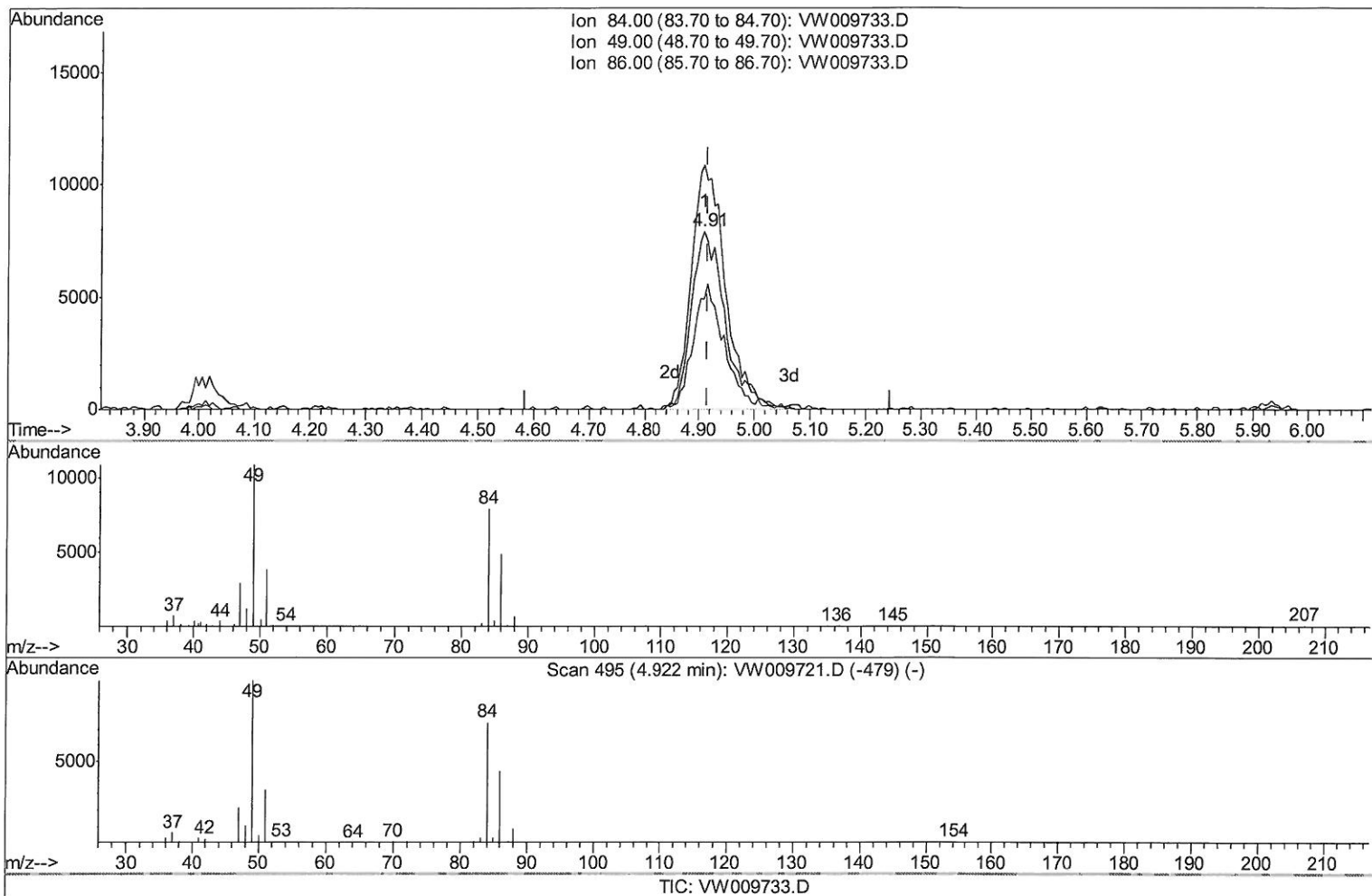
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(16) Methylene chloride (T)

4.909min (-0.006) 7.94ug/L m

response 33747

Ion Exp% Act%

84.00 100 100

49.00 140.40 137.43

86.00 66.30 61.70

0.00 0.00 0.00

7MD  
 4/13/19

# Quantitation Report (Qedit)

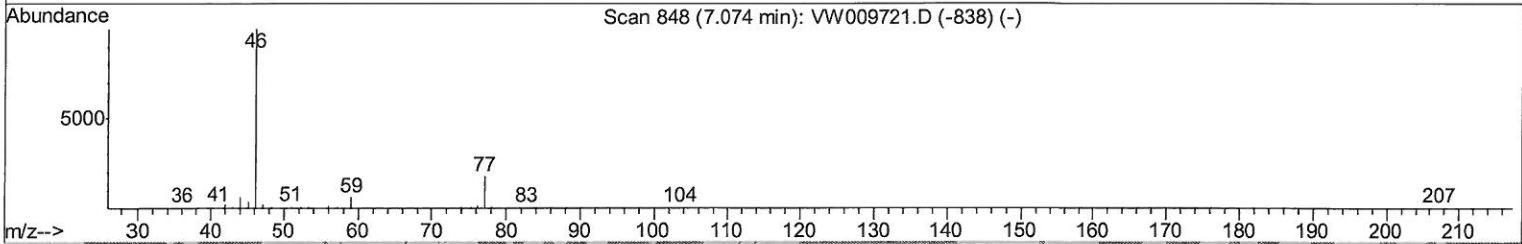
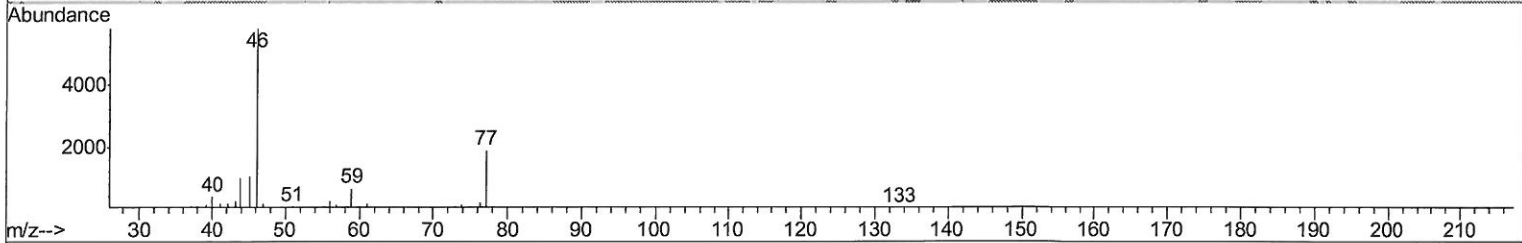
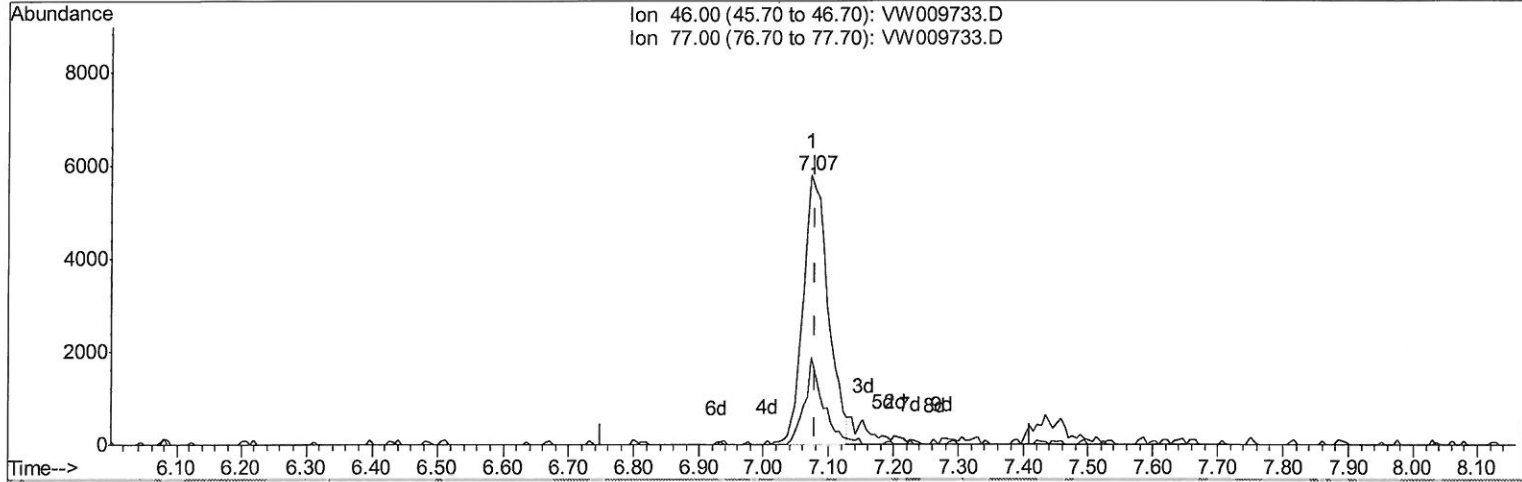
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TIC: VW009733.D

(20) 2-Butanone-d5 (S)

7.074min (-0.006) 15.12ug/L

response 15484

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 20.20 | 23.97 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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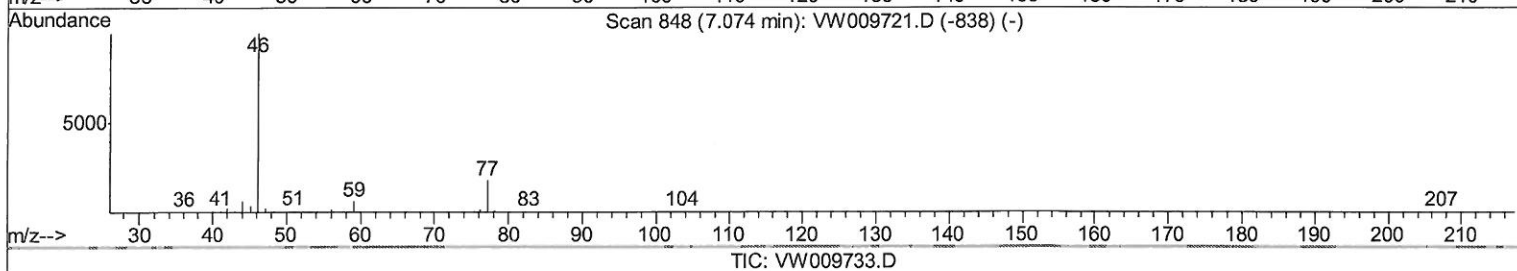
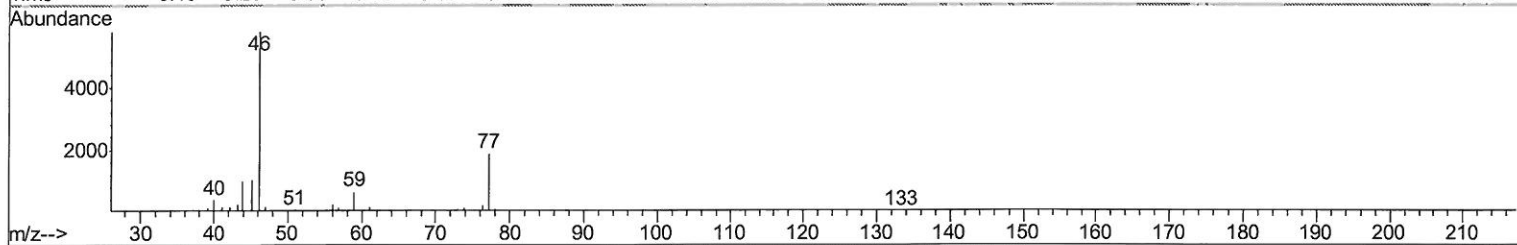
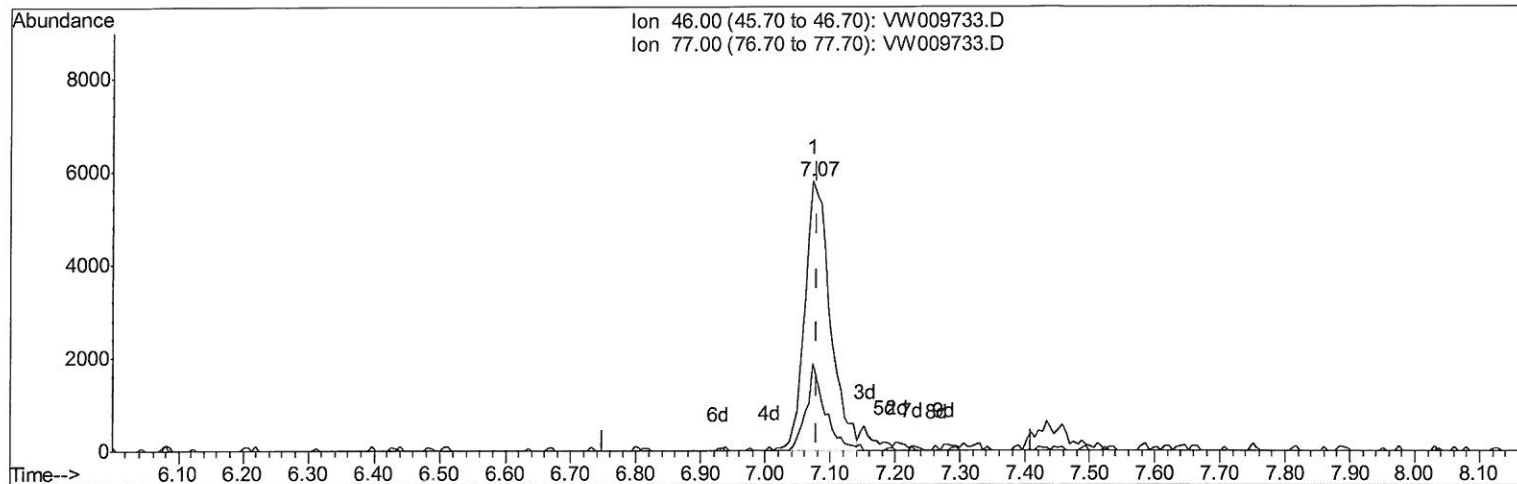
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(20) 2-Butanone-d5 (S)

7.074min (-0.006) 15.41ug/L m

response 15777

*Handwritten:* > MD  
 4/13/19

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 20.20 | 23.52 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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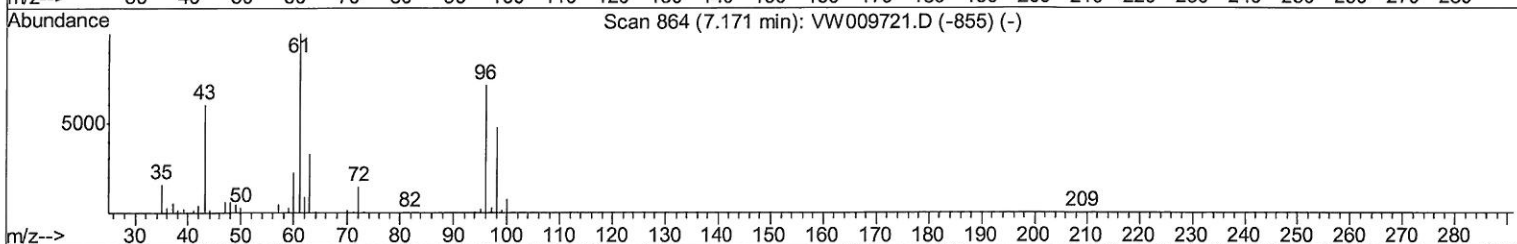
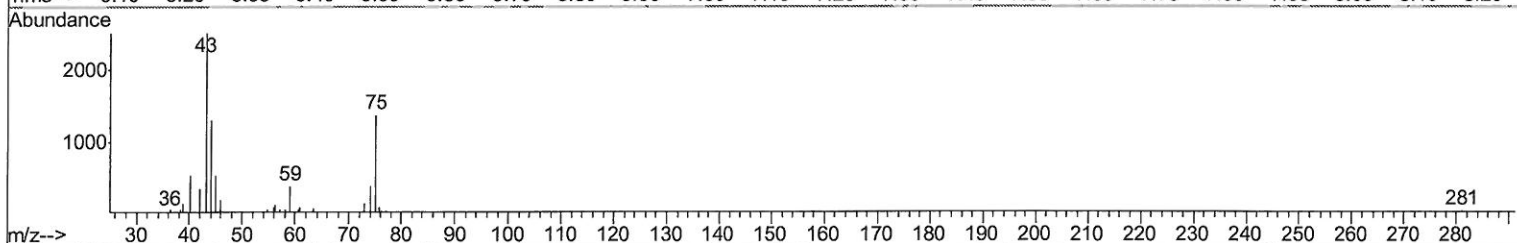
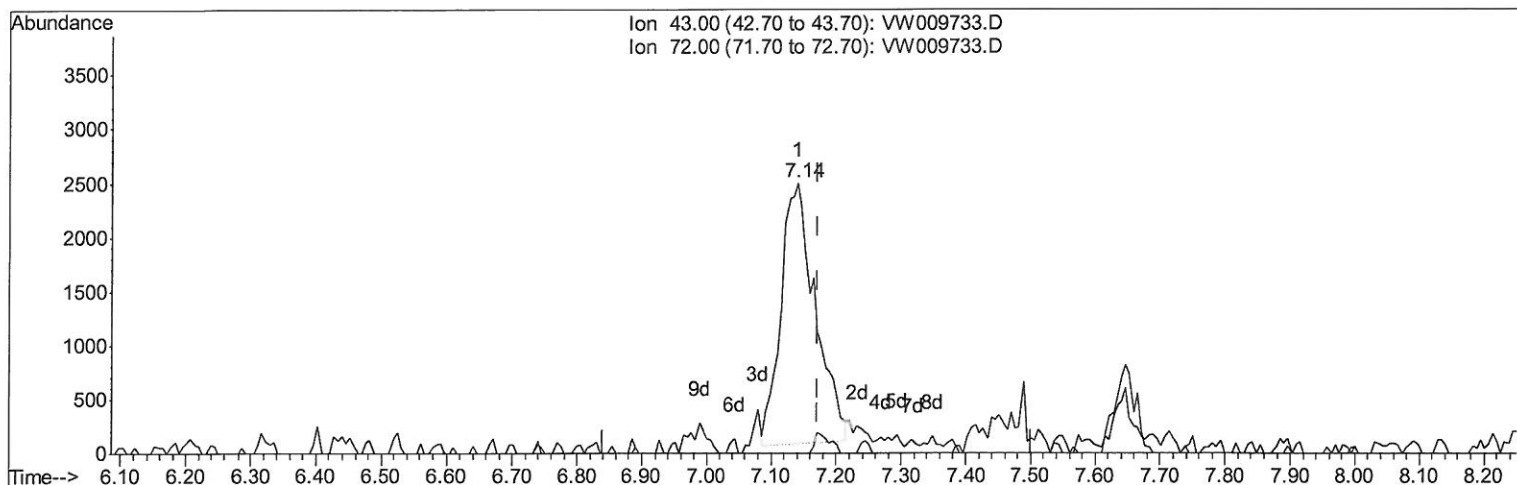
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 4/8/2019 3:33:02 AM



TIC: VW009733.D

(21) 2-Butanone

7.141min (-0.030) 6.33ug/L

response 8836

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 72.00 | 24.10 | 2.72# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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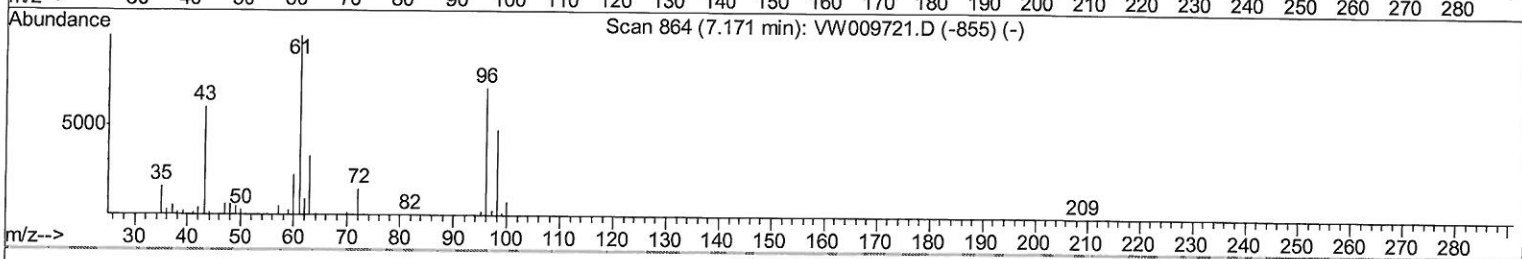
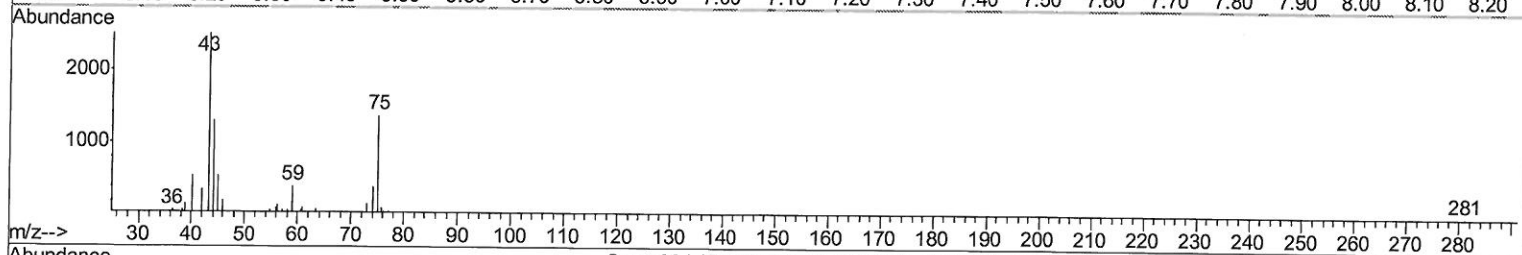
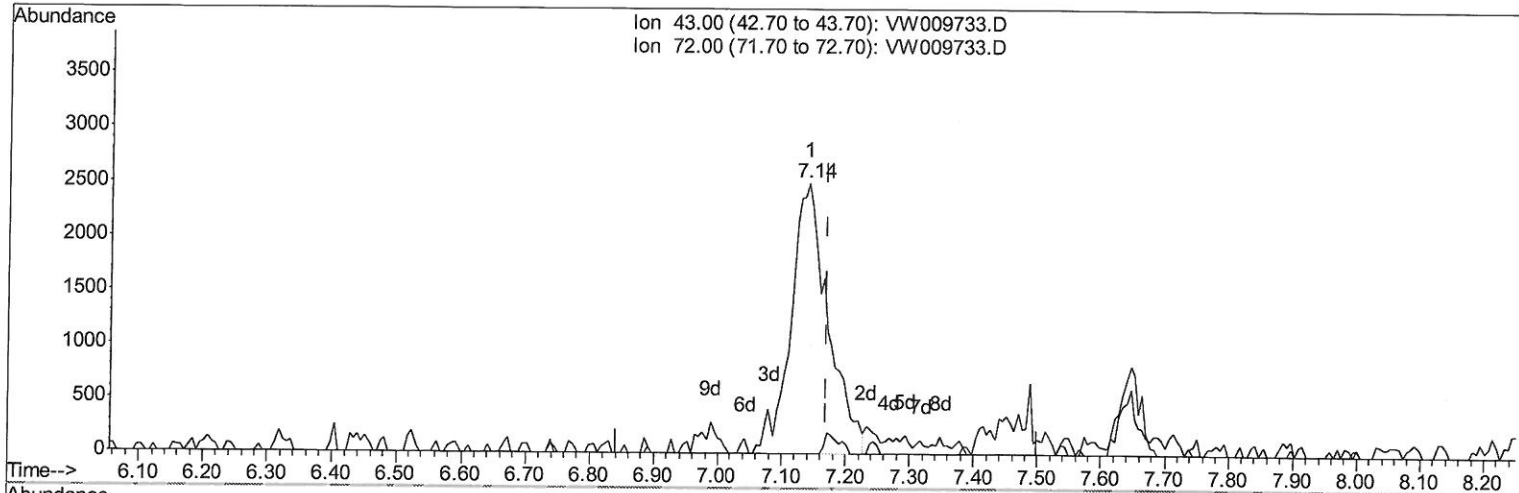
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TIC: VW009733.D

(21) 2-Butanone

7.141min (-0.030) 7.21ug/L m

response 10066

*7 MD*  
*4/13/19*

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 72.00 | 24.10 | 2.38# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 241004   | 25.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 215943   | 25.00 | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 54362    | 25.00 | ug/L  | 0.00      |

## System Monitoring Compounds

|                                |                |     |            |          |      |      |
|--------------------------------|----------------|-----|------------|----------|------|------|
| 4) Vinyl Chloride-d3           | 2.35           | 65  | 66407      | 21.06    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 84.24%   |      |      |
| 7) Chloroethane-d5             | 2.89           | 69  | 80310      | 27.80    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 111.20%  |      |      |
| 10) 1,1-Dichloroethene-d2      | 4.01           | 63  | 122694     | 18.09    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 72.36%   |      |      |
| 20) 2-Butanone-d5              | 7.07           | 46  | 15777m     | 15.41    | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 30.82%   |      |      |
| 24) Chloroform-d               | 7.64           | 84  | 243603     | 37.04    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 148.16%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 8.30           | 65  | 171120     | 42.38    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 169.52%# |      |      |
| 29) Benzene-d6                 | 8.27           | 84  | 414212     | 36.54    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 146.16%# |      |      |
| 33) 1,2-Dichloropropane-d6     | 9.27           | 67  | 146200     | 41.76    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 167.04%# |      |      |
| 37) Toluene-d8                 | 10.32          | 98  | 331605     | 31.64    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 126.56%  |      |      |
| 38) trans-1,3-Dichloropropene- | 10.58          | 79  | 42497      | 25.45    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 101.80%  |      |      |
| 39) 2-Hexanone-d5              | 10.93          | 63  | 6785       | 10.28    | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 20.56%   |      |      |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69          | 84  | 119921     | 36.84    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 147.36%# |      |      |
| 61) 1,2-Dichlorobenzene-d4     | 13.86          | 152 | 67652      | 35.46    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 141.84%# |      |      |

## Target Compounds

| Target Compounds       | R.T. | QIon | Response | Conc   | Units | Qvalue |
|------------------------|------|------|----------|--------|-------|--------|
| 13) Acetone            | 4.12 | 43   | 11324    | 10.322 | ug/L  | 81     |
| 15) Methyl Acetate     | 4.67 | 43   | 8590     | 4.294  | ug/L  | # 79   |
| 16) Methylene chloride | 4.91 | 84   | 33747m   | 7.940  | ug/L  |        |
| 21) 2-Butanone         | 7.14 | 43   | 10066m   | 7.214  | ug/L  |        |

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