

# Quantitation Report (Qedit)

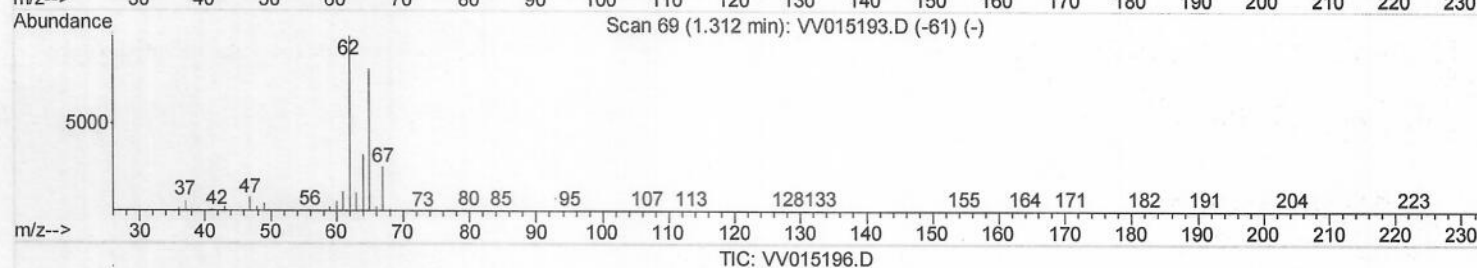
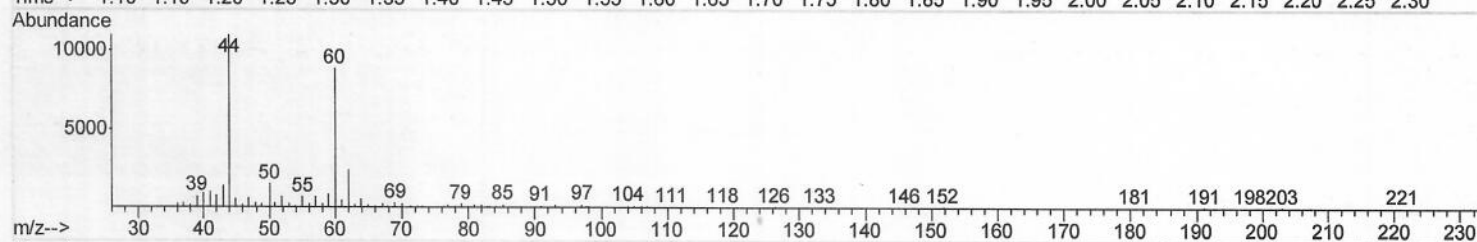
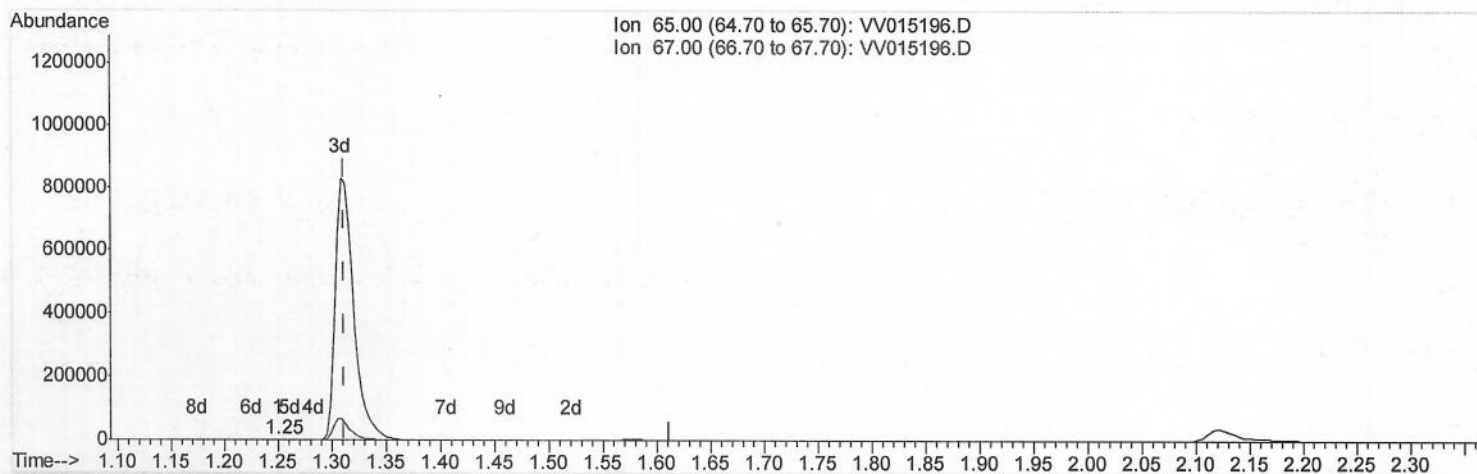
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
 Sample : L1976-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTJ2

Manual Integrations  
 APPROVED

apatel  
 3/27/2020 4:18:19 PM

Quant Time: Mar 27 07:37:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 27 06:56:02 2020  
 Response via : Initial Calibration



TIC: VV015196.D

(4) Vinyl Chloride-d3 (S)

1.251min (-0.061) 0.04ug/L

response 144

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 65.00 | 100   | 100   |
| 67.00 | 32.70 | 31.94 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

## Quantitation Report (Qedit)

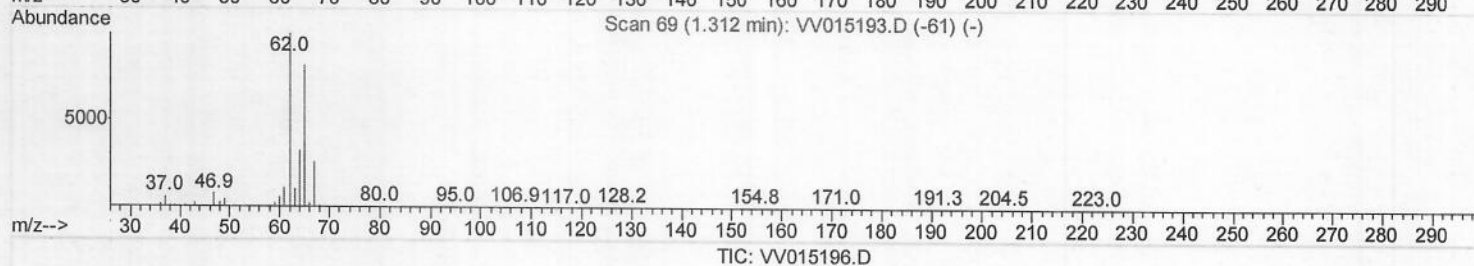
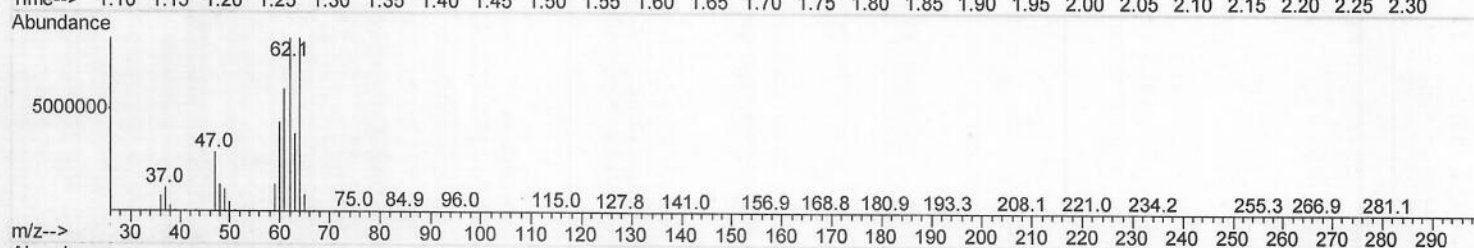
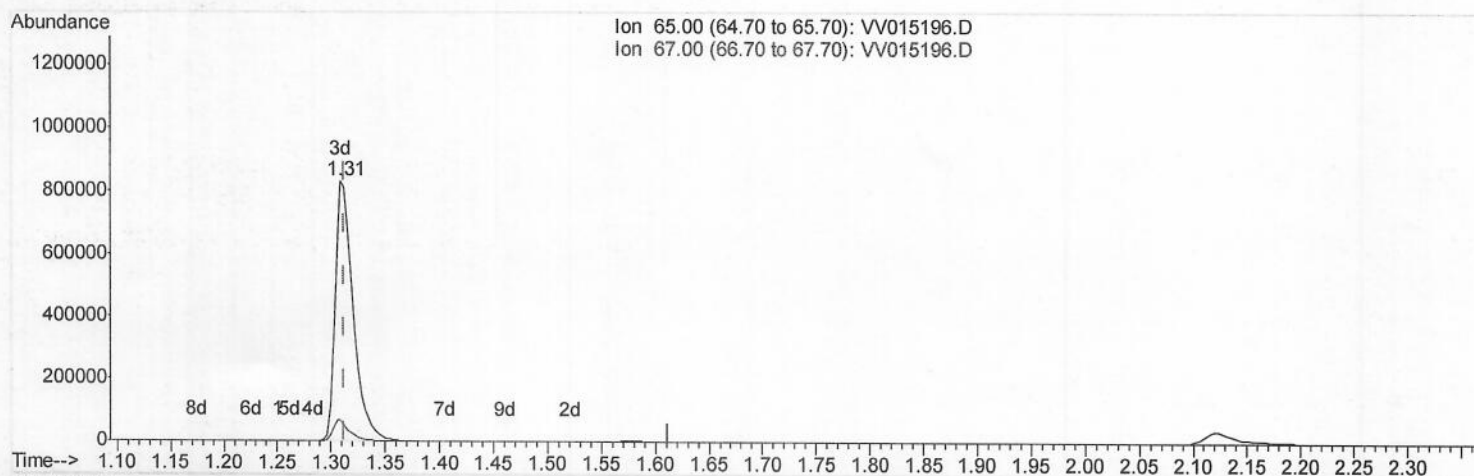
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV032620\  
Data File : VV015196.D  
Acq On : 27 Mar 2020 05:46  
Operator : SY/MD  
Sample : L1976-13  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
ETTJ2

Manual Integrations  
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Quant Time: Mar 27 07:57:31 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 27 06:56:02 2020  
Response via : Initial Calibration



(4) Vinyl Chloride-d3 (S)

1.309min (-0.003) 247.81ug/L m

response 967982

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 65.00 | 100   | 100   |
| 67.00 | 32.70 | 0.00# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

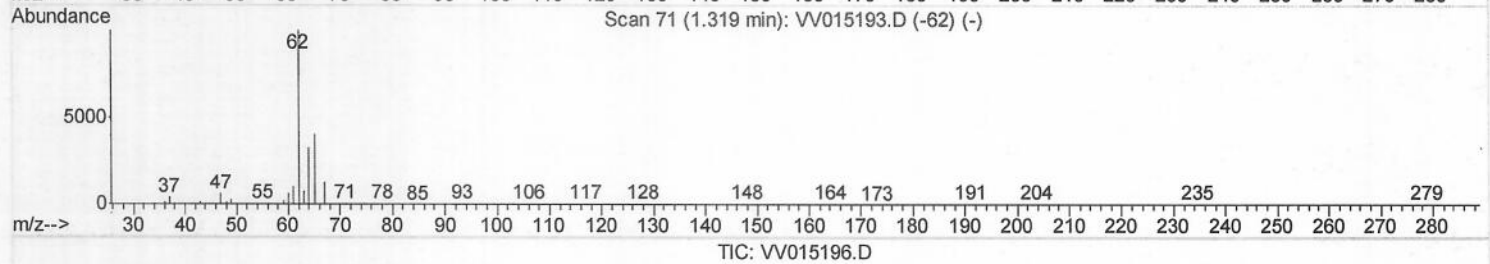
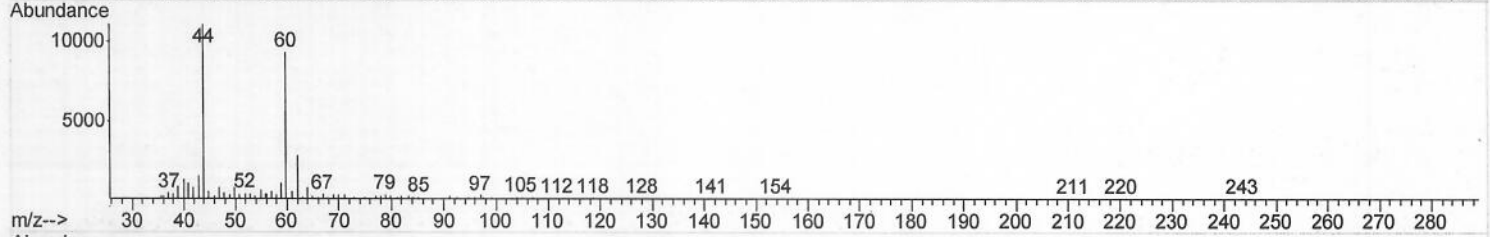
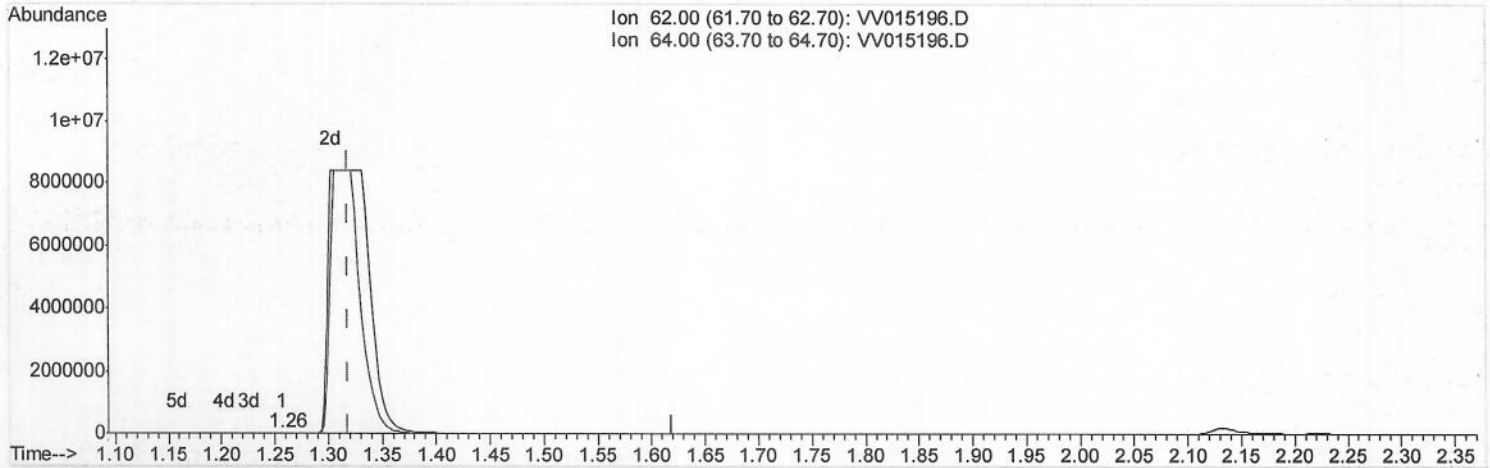
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
 Sample : L1976-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTJ2

Manual Integrations  
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Quant Time: Mar 27 07:37:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 27 06:56:02 2020  
 Response via : Initial Calibration



(5) Vinyl chloride (T)  
 1.258min (-0.061) 0.23ug/L  
 response 1615

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 62.00 | 100   | 100   |
| 64.00 | 32.60 | 26.66 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

## Quantitation Report (Qedit)

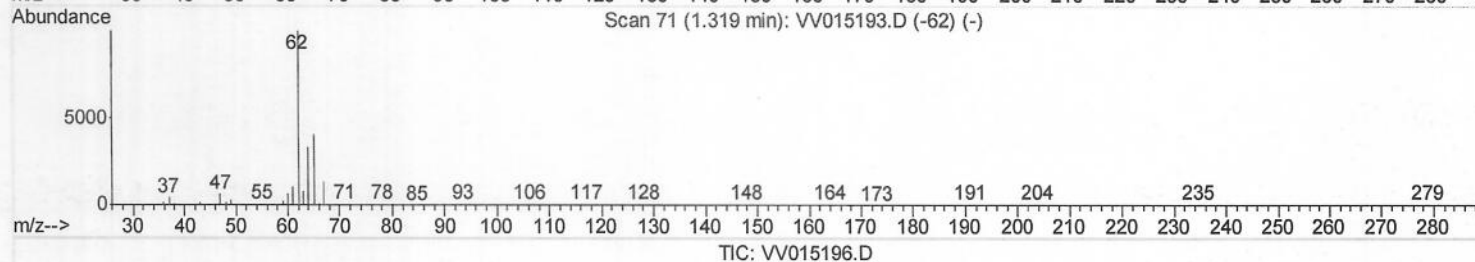
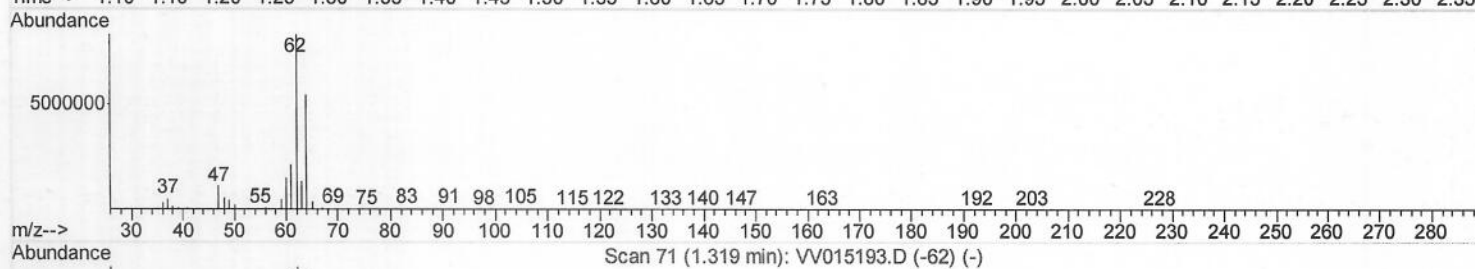
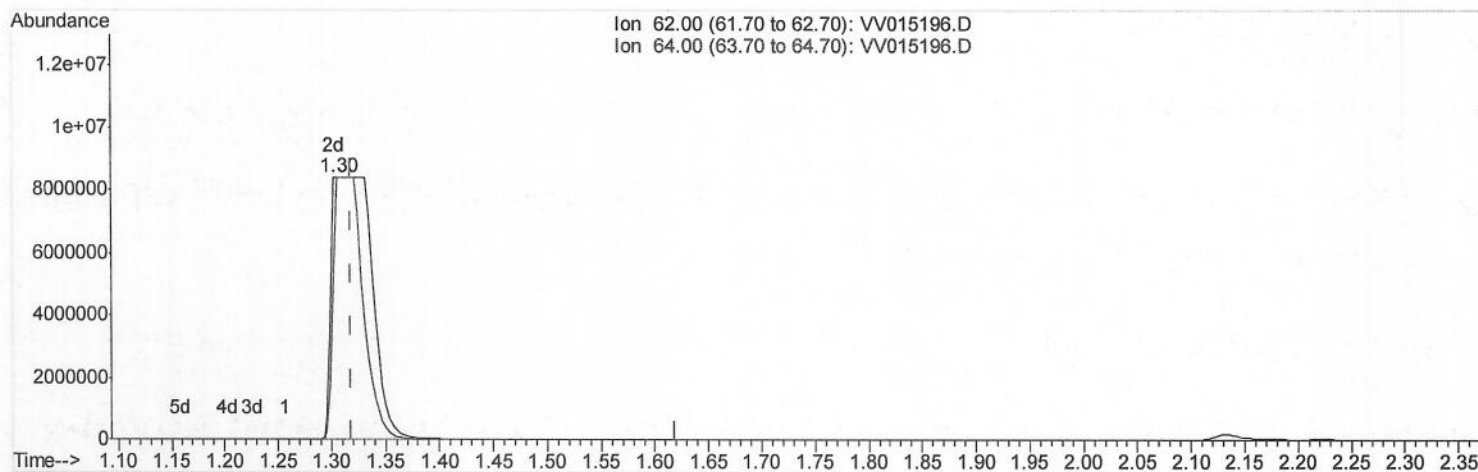
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
Data File : VV015196.D  
Acq On : 27 Mar 2020 05:46  
Operator : SY/MD  
Sample : L1976-13  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
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QLast Update : Fri Mar 27 06:56:02 2020  
Response via : Initial Calibration



(5) Vinyl chloride (T)

1.303min (-0.016) 3037.88ug/L m

response 21709150

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 62.00 | 100   | 100    |
| 64.00 | 32.60 | 65.20# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

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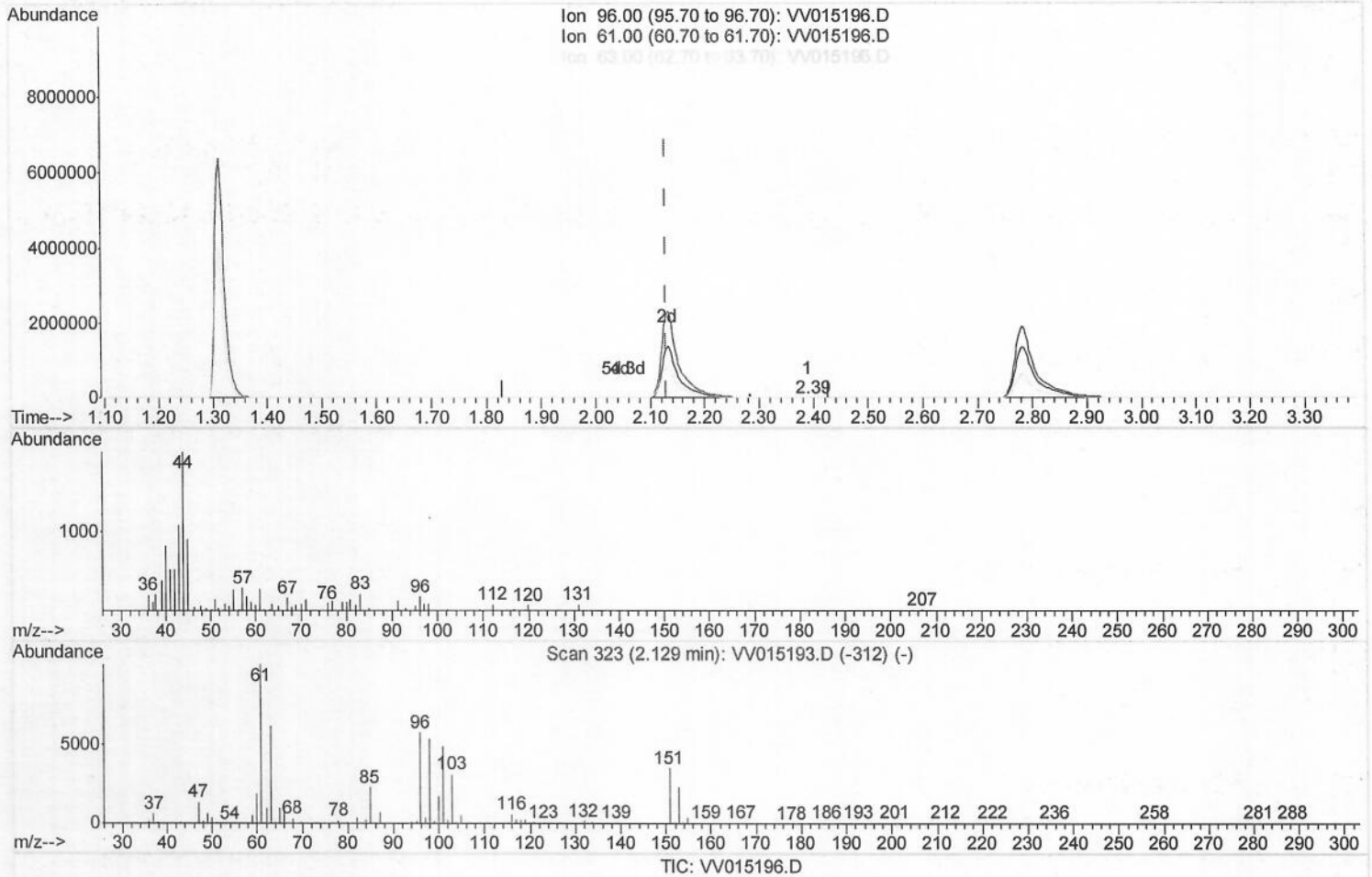
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
 Sample : L1976-13  
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 ALS Vial : 1 Sample Multiplier: 1

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(12) 1,1-Dichloroethene (T)

2.389min (+0.260) 0.01ug/L

response 80

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 174.70 | 136.19 |
| 63.00 | 97.00  | 112.84 |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

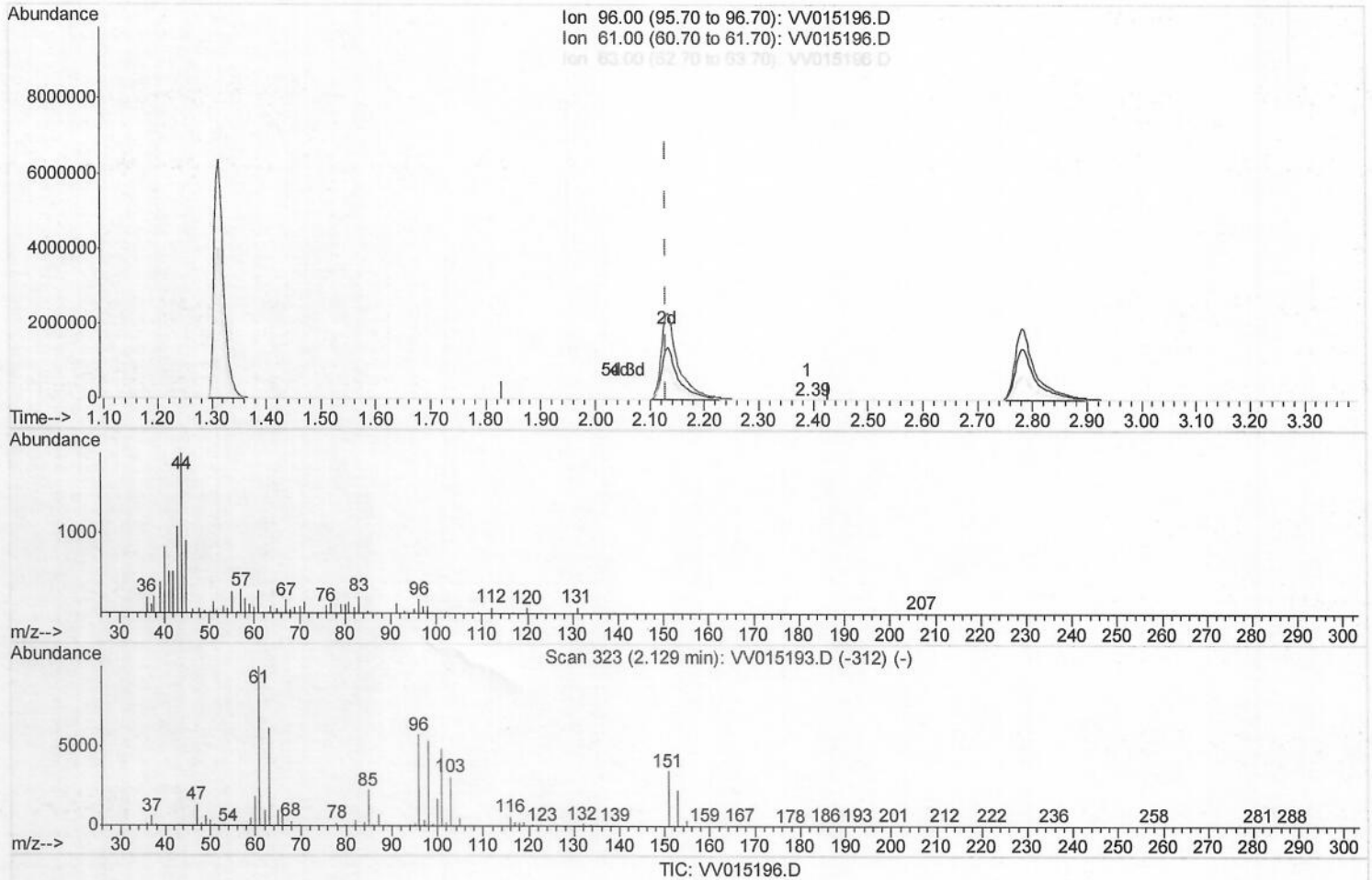
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
 Sample : L1976-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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(12) 1,1-Dichloroethene (T)

2.389min (+0.260) 0.01ug/L

response 80

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 174.70 | 136.19 |
| 63.00 | 97.00  | 112.84 |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

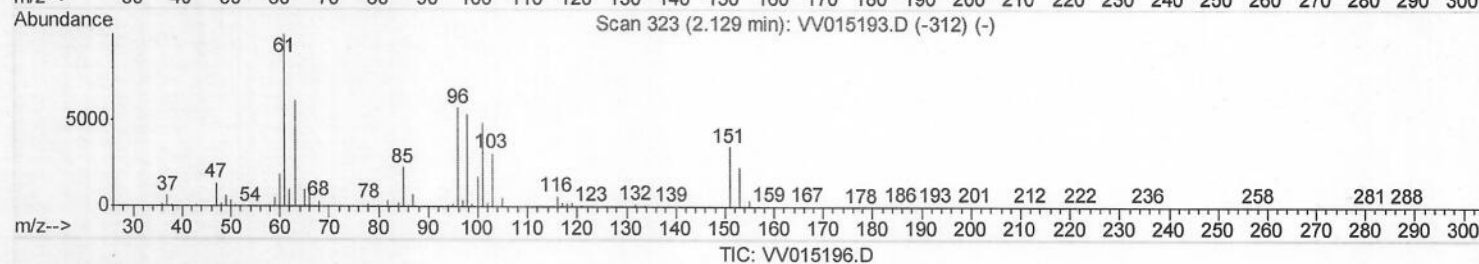
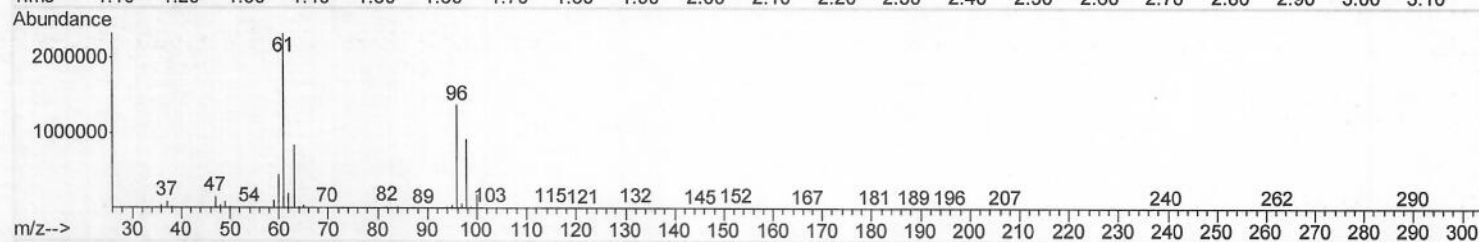
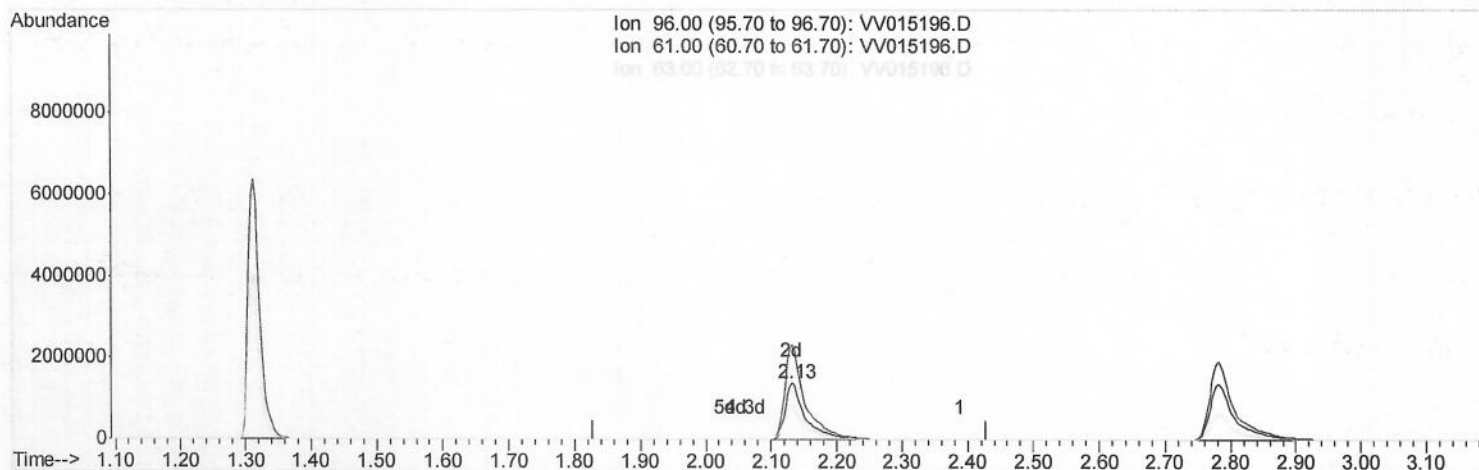
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
 Sample : L1976-13  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
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(12) 1,1-Dichloroethene (T)

2.132min (+0.003) 506.09ug/L m

response 2971664

Ion Exp% Act%

96.00 100 100

61.00 174.70 168.55

63.00 97.00 60.74#

0.00 0.00 0.00

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# Quantitation Report (Qedit)

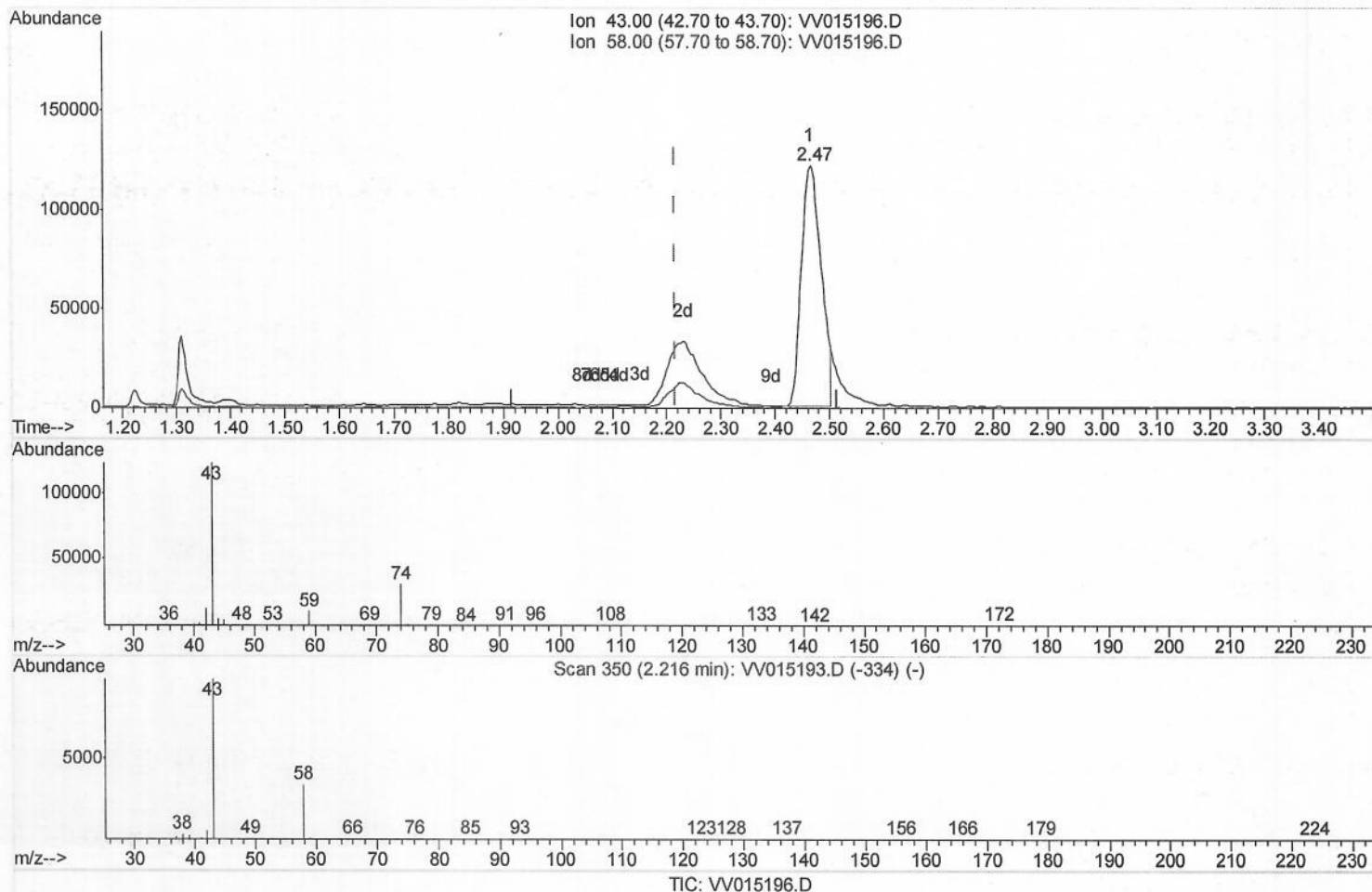
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
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 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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(13) Acetone (T)

2.466min (+0.251) 115.20ug/L

response 309872

| Ion   | Exp% | Act% |
|-------|------|------|
| 43.00 | 100  | 100  |
| 58.00 | 0.10 | 0.03 |
| 0.00  | 0.00 | 0.00 |
| 0.00  | 0.00 | 0.00 |

# Quantitation Report (Qedit)

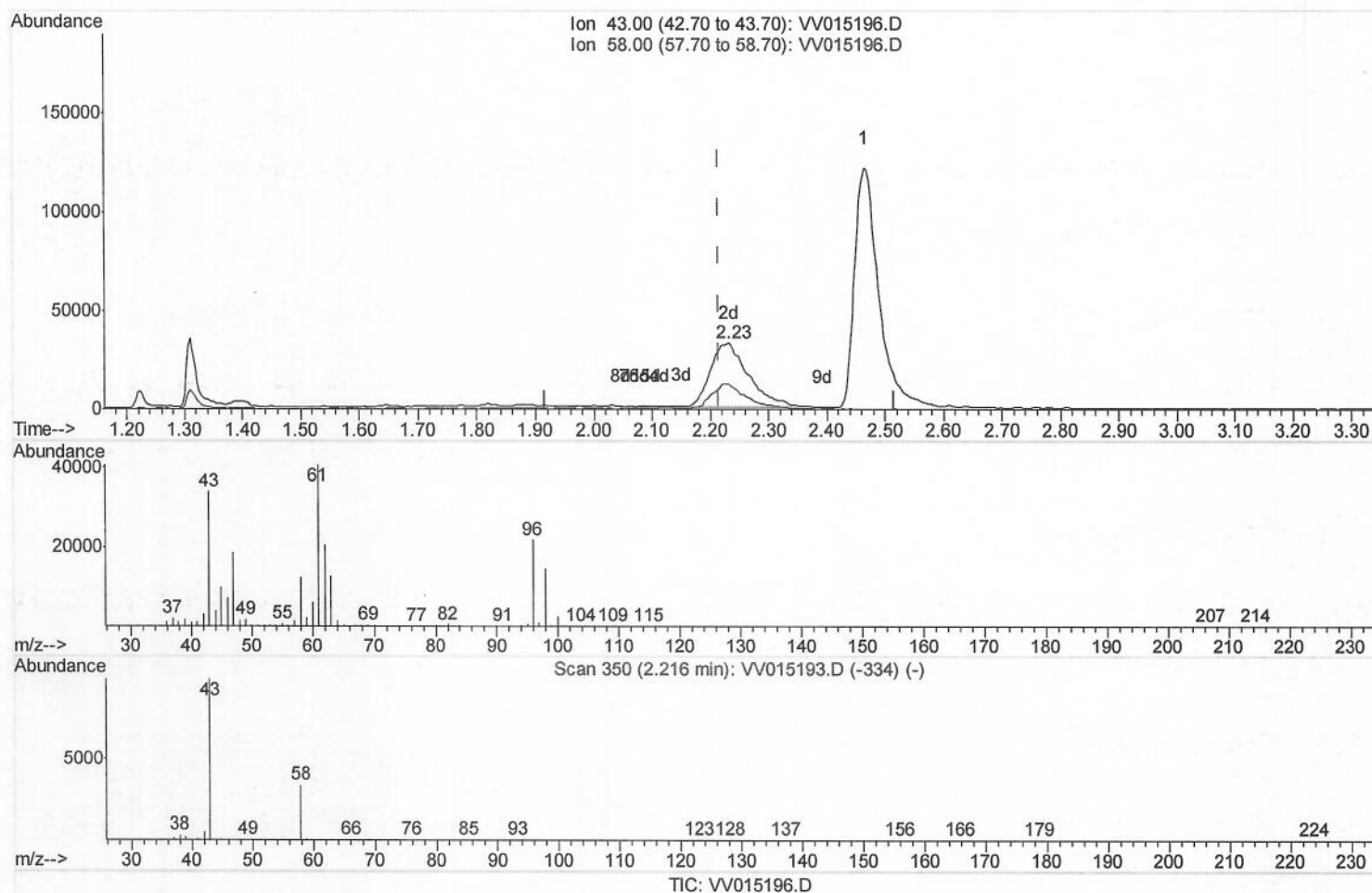
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 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
 Sample : L1976-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTJ2

Manual Integrations  
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 Response via : Initial Calibration



(13) Acetone (T)

2.232min (+0.016) 54.88ug/L m

response 147634

| Ion   | Exp% | Act% |
|-------|------|------|
| 43.00 | 100  | 100  |
| 58.00 | 0.10 | 0.06 |
| 0.00  | 0.00 | 0.00 |
| 0.00  | 0.00 | 0.00 |

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 03/30/2020

# Quantitation Report (Qedit)

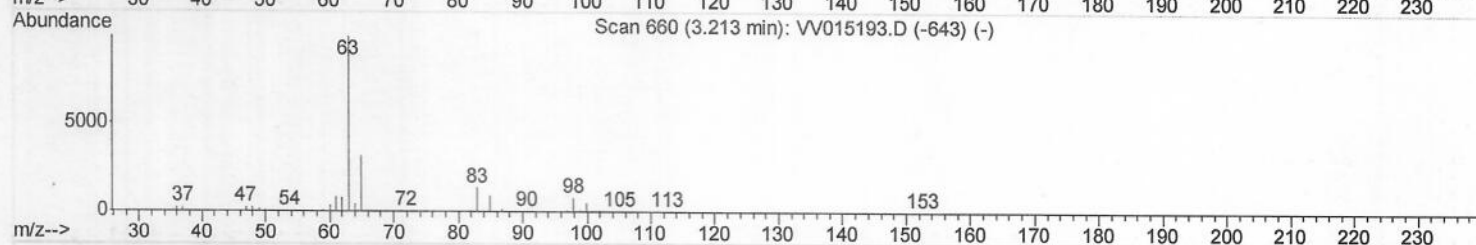
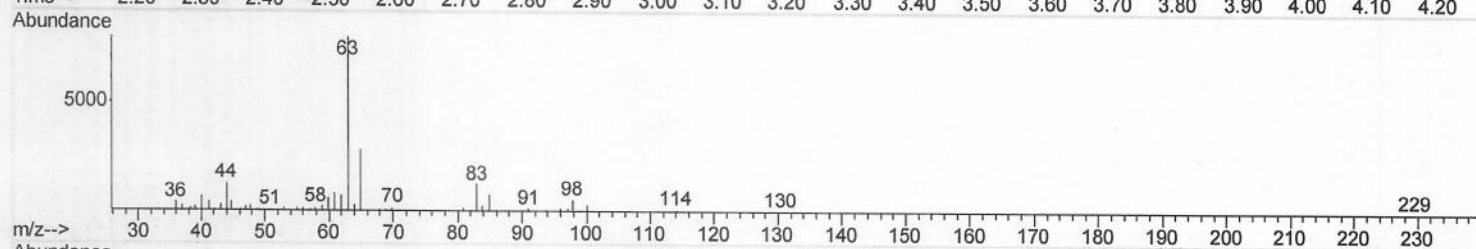
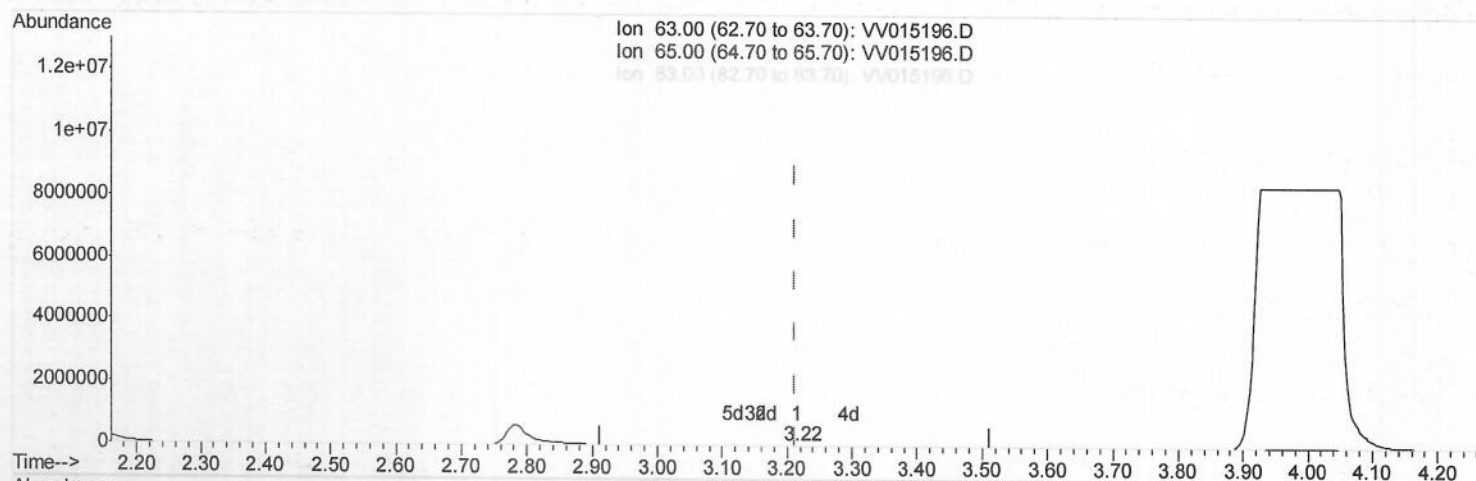
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TIC: VV015196.D

(19) 1,1-Dichloroethane (T)

3.216min (+0.003) 1.06ug/L

response 9972

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 65.00 | 31.70 | 36.67 |
| 83.00 | 13.70 | 16.73 |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

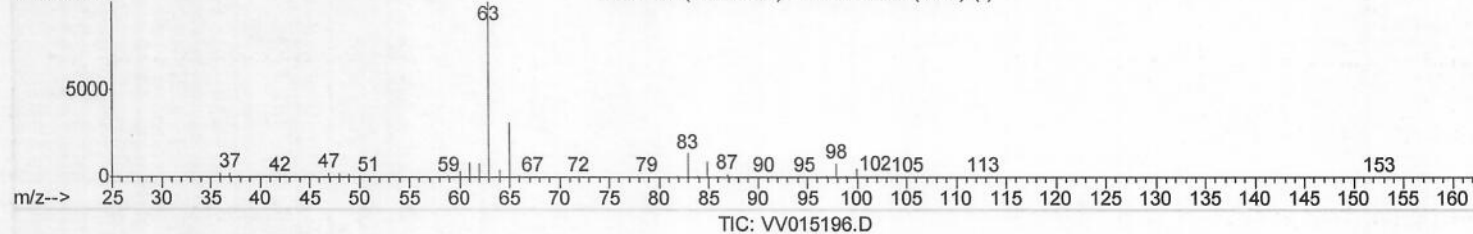
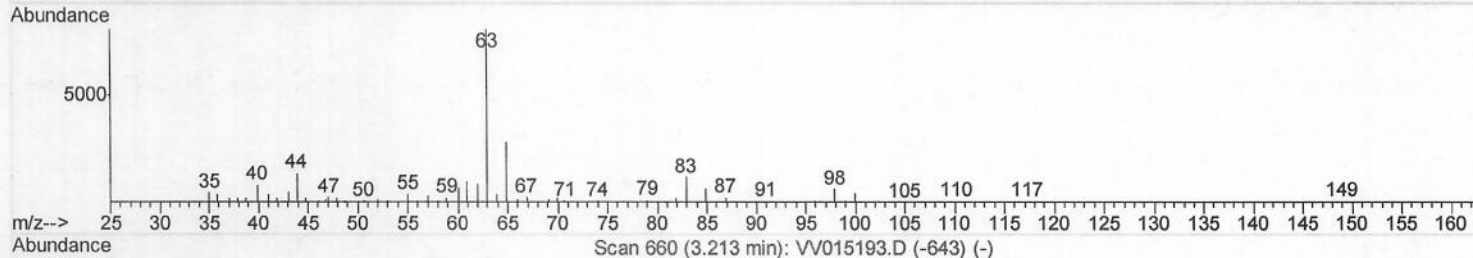
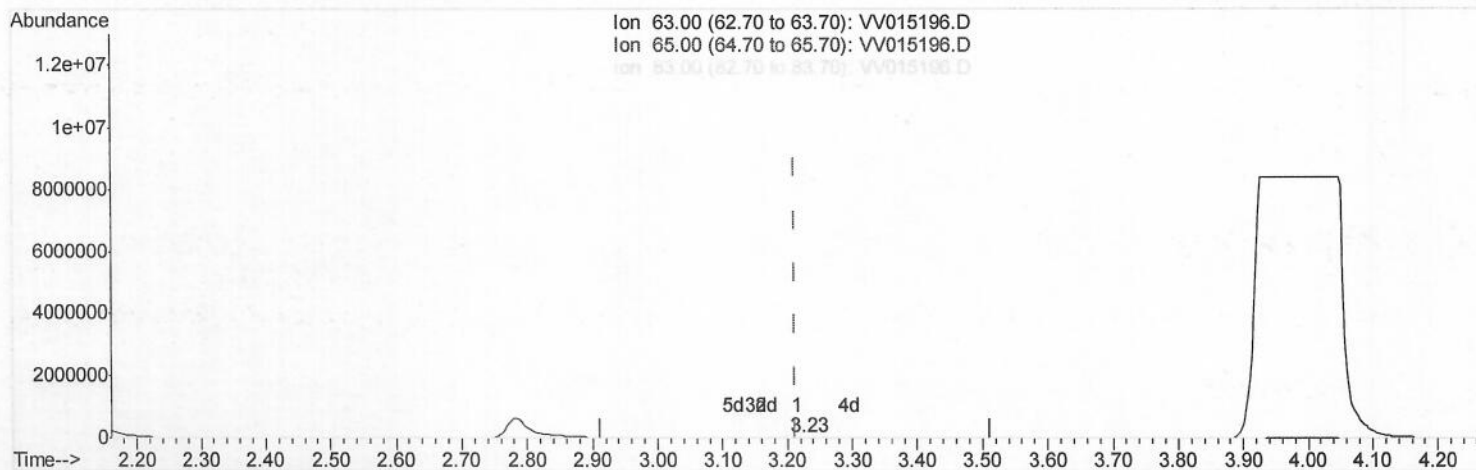
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
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(19) 1,1-Dichloroethane (T)

3.225min (+0.013) 2.09ug/L m

response 19728

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 65.00 | 31.70 | 35.58 |
| 83.00 | 13.70 | 15.35 |
| 0.00  | 0.00  | 0.00  |

MD  
 03/30/2020

# Quantitation Report (Qedit)

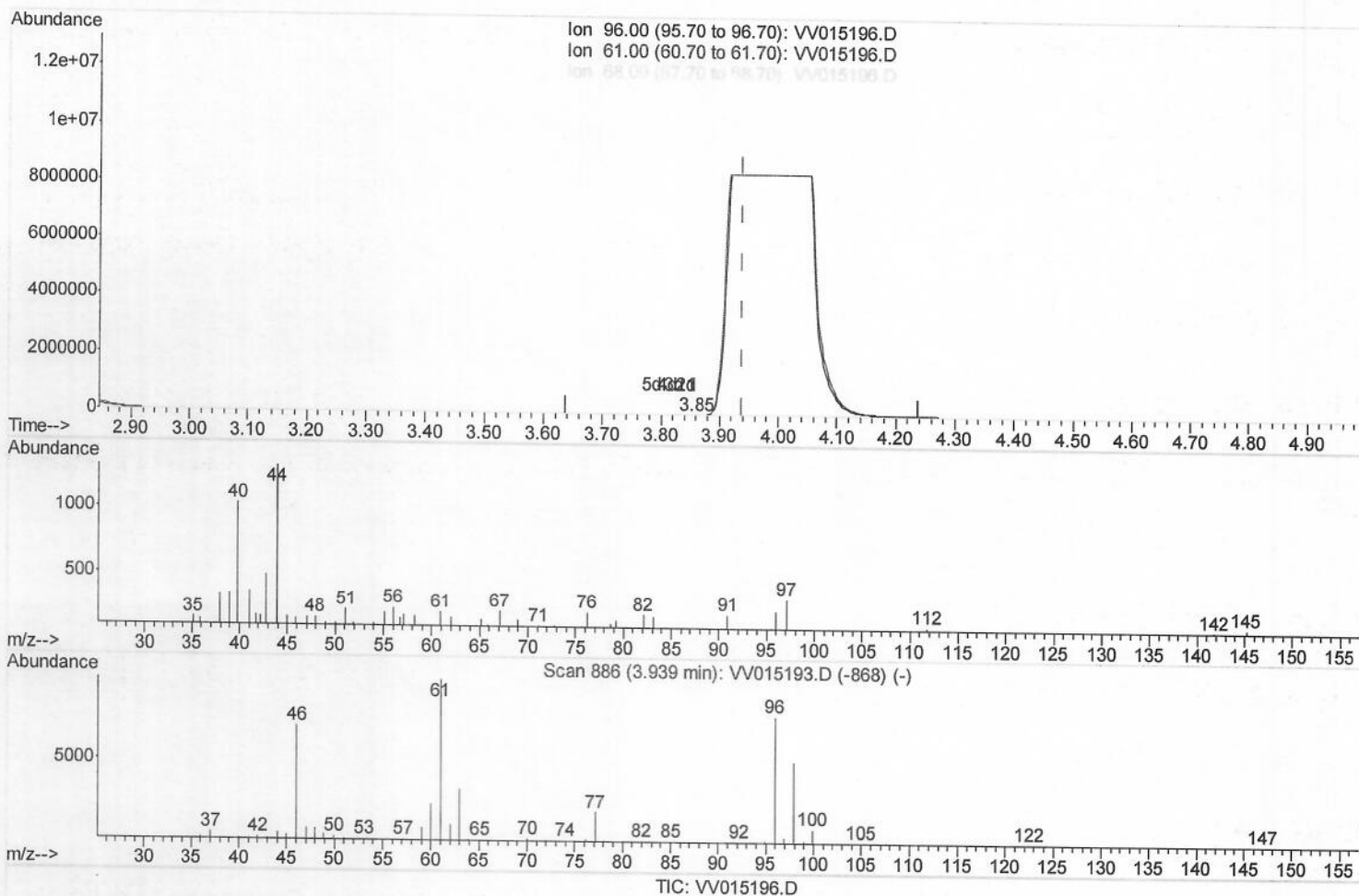
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(20) cis-1,2-Dichloroethene (T)

3.852min (-0.087) 0.01ug/L

response 69

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 128.80 | 90.09# |
| 68.00 | 0.20   | 45.26# |
| 0.00  | 0.00   | 0.00   |

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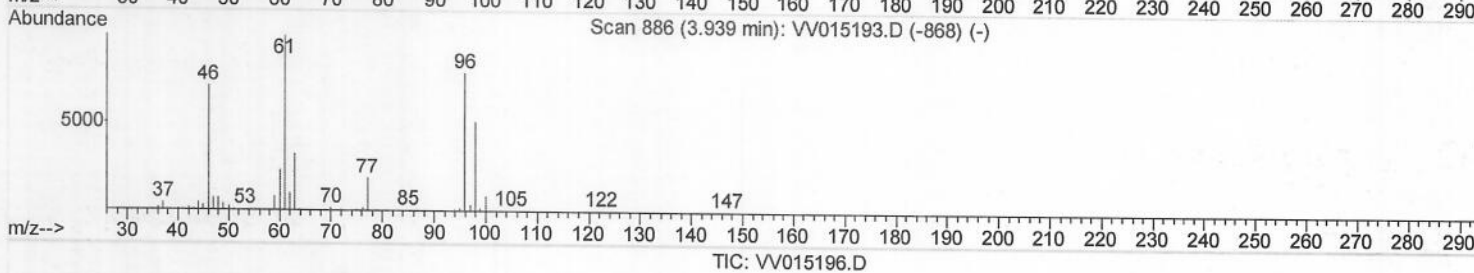
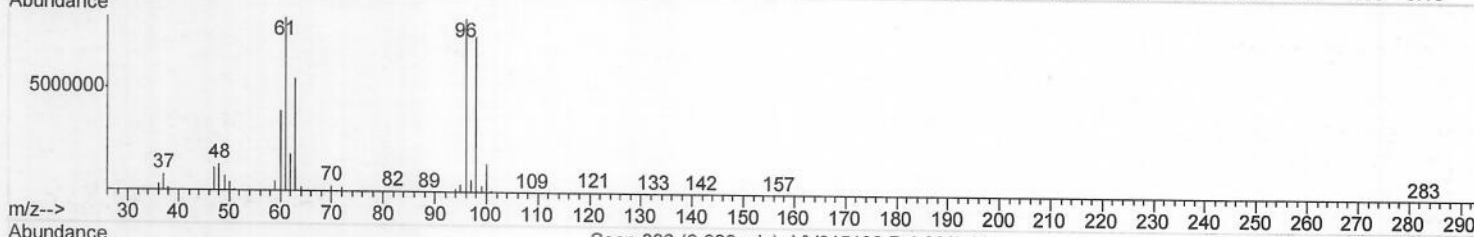
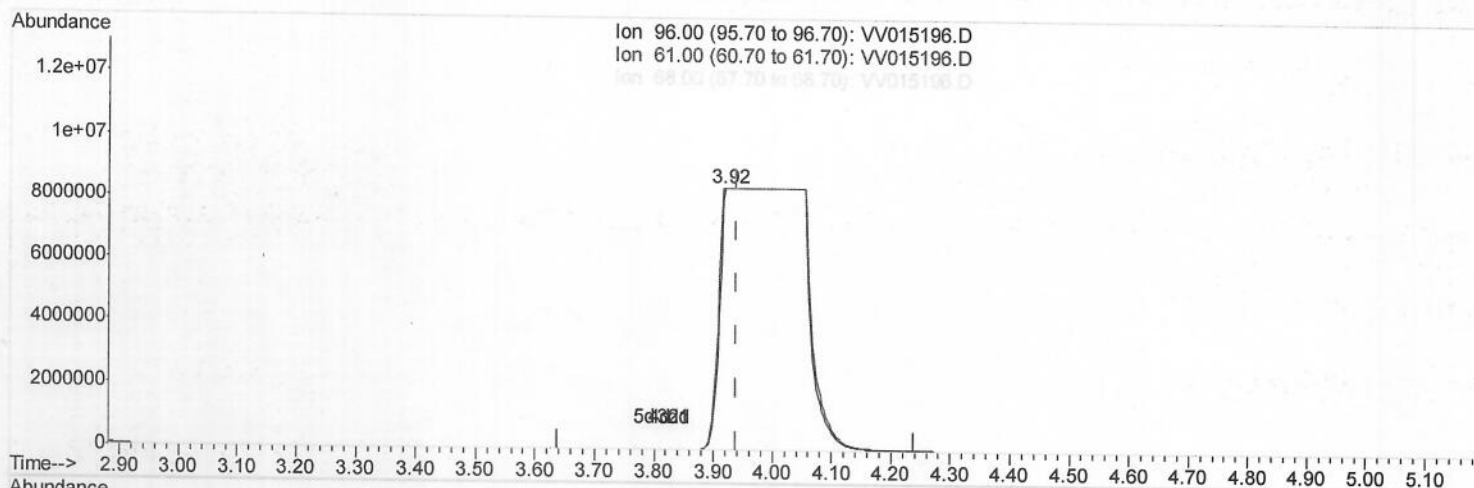
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TIC: VV015196.D

(20) cis-1,2-Dichloroethene (T)

3.920min (-0.019) 14296.43ug/L m

response 81267366

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 128.80 | 100.00 |
| 68.00 | 0.20   | 0.00#  |
| 0.00  | 0.00   | 0.00   |

MD  
 03/30/2020

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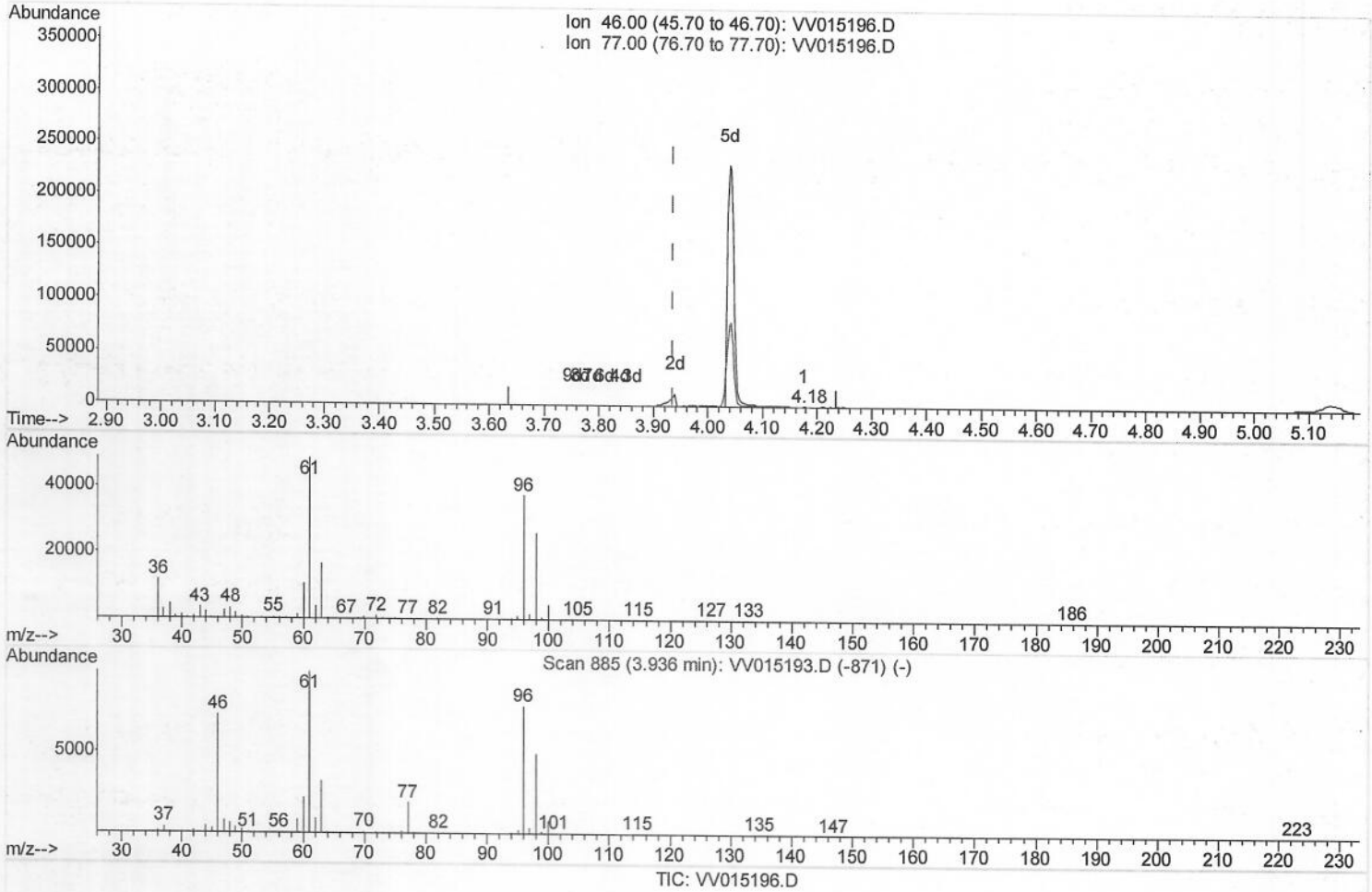
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(21) 2-Butanone-d5 (S)  
 4.177min (+0.241) 0.04ug/L  
 response 174  

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 25.50 | 22.99 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

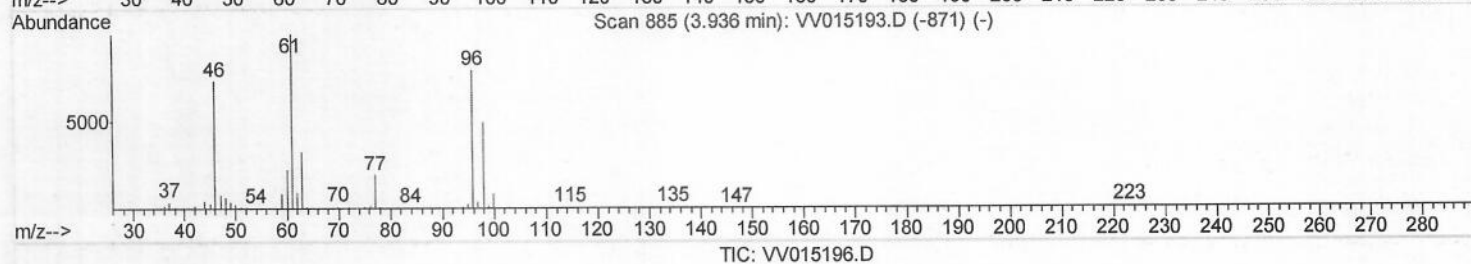
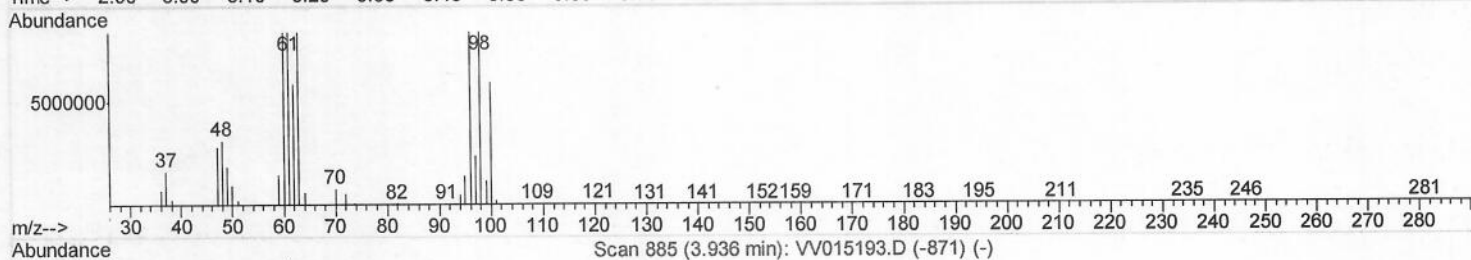
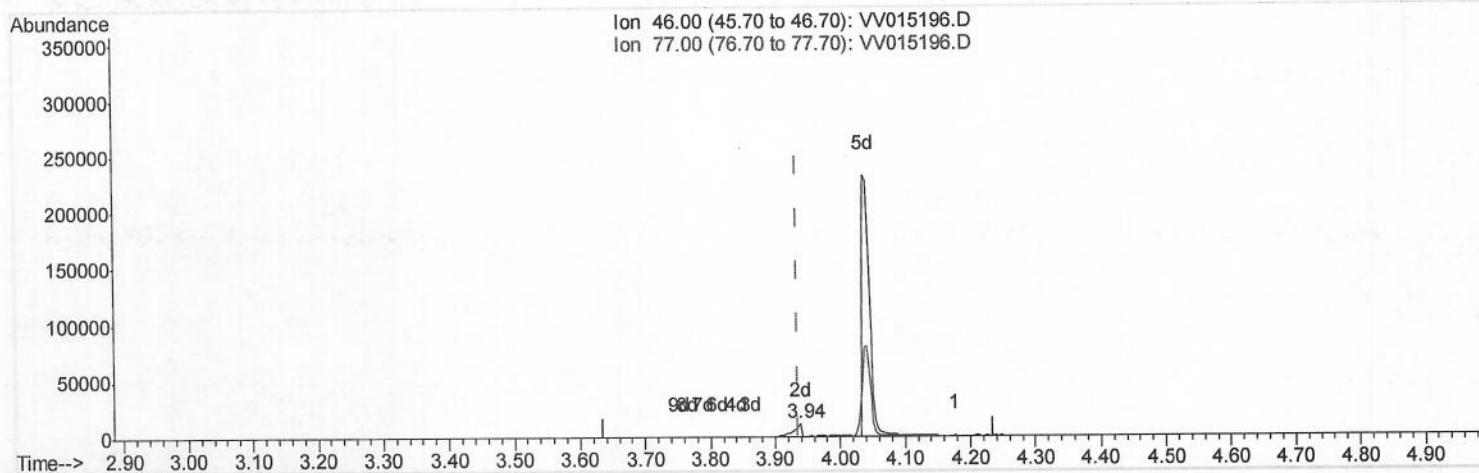
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
 Sample : L1976-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTJ2

Manual Integrations  
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apatel  
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Quant Time: Mar 27 07:37:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 27 06:56:02 2020  
 Response via : Initial Calibration



(21) 2-Butanone-d5 (S)

3.939min (+0.003) 2.55ug/L m

response 9899

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 25.50 | 0.40# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

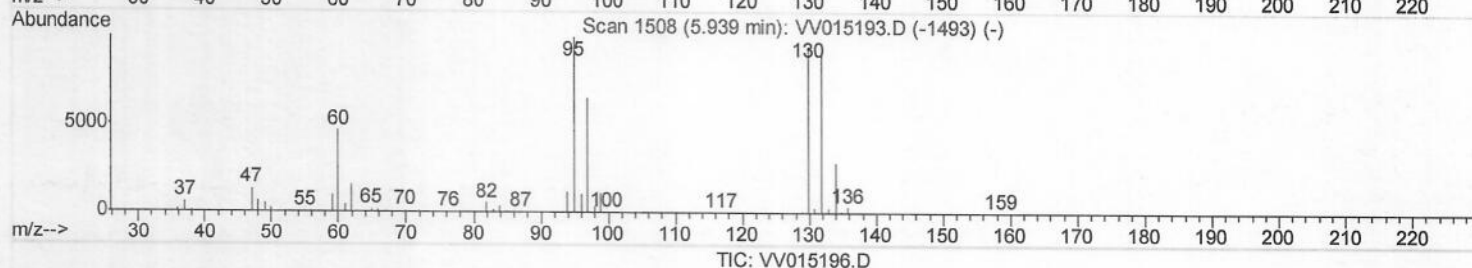
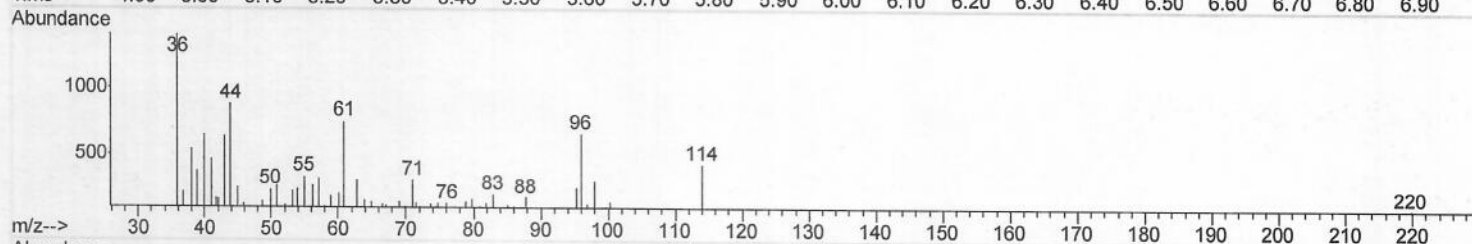
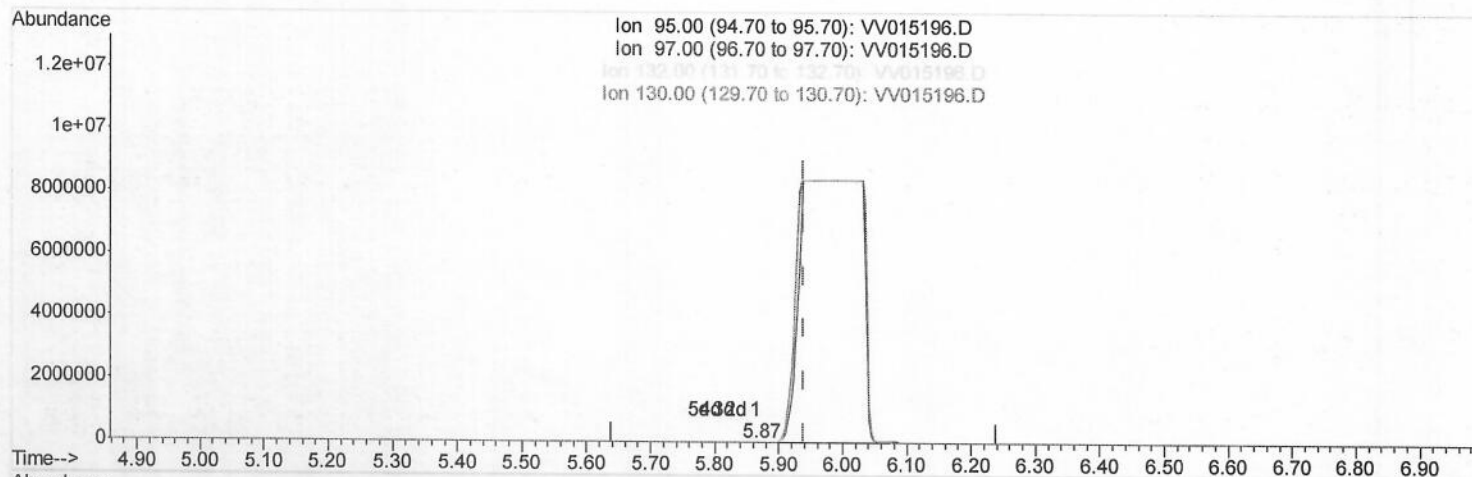
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
 Sample : L1976-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTJ2

Manual Integrations  
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Quant Time: Mar 27 07:37:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 27 06:56:02 2020  
 Response via : Initial Calibration



(34) Trichloroethene (T)

5.865min (-0.074) 0.03ug/L

response 175

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 95.00  | 100   | 100   |
| 97.00  | 64.00 | 50.99 |
| 132.00 | 90.30 | 0.00# |
| 130.00 | 95.40 | 0.00# |

# Quantitation Report (Qedit)

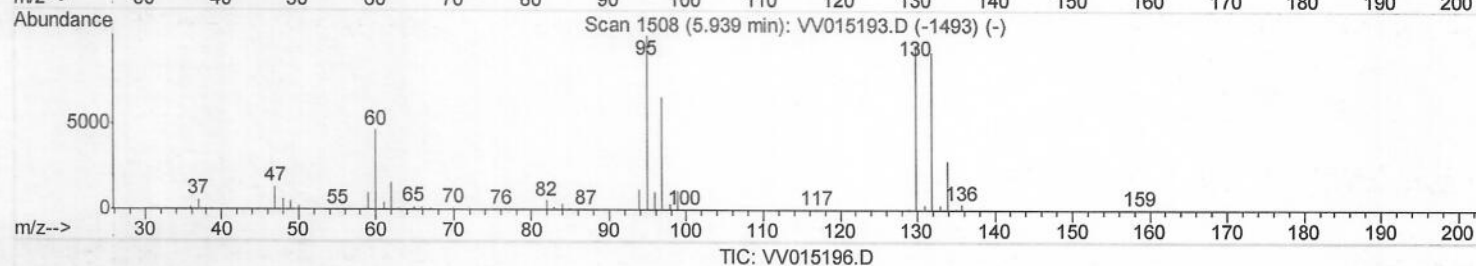
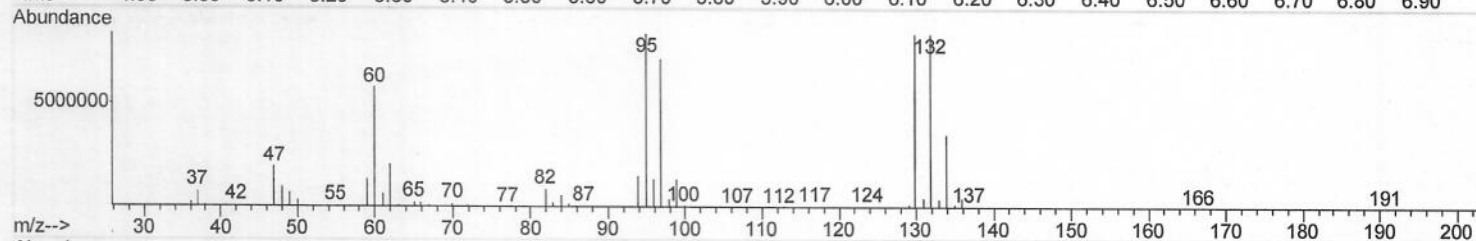
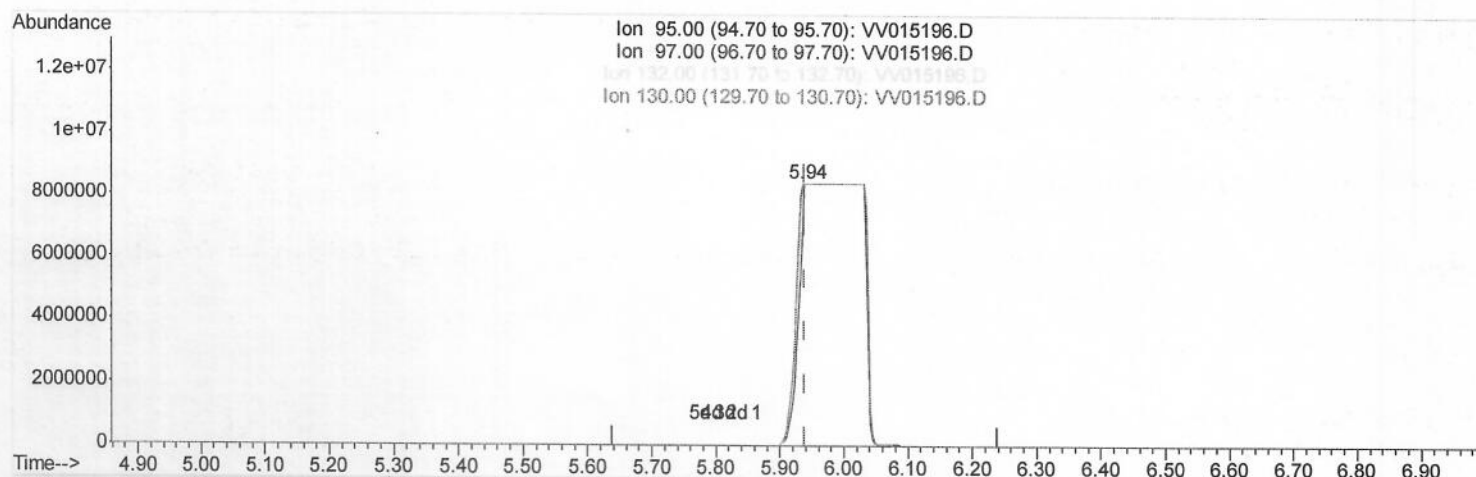
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
 Sample : L1976-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTJ2

Manual Integrations  
 APPROVED

apatel  
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Quant Time: Mar 27 07:37:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 27 06:56:02 2020  
 Response via : Initial Calibration



(34) Trichloroethene (T)

5.936min (-0.003) 10542.41ug/L m

response 57785046

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 95.00  | 100   | 100    |
| 97.00  | 64.00 | 85.91# |
| 132.00 | 90.30 | 100.00 |
| 130.00 | 95.40 | 100.00 |

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Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015196.D  
 Acq On : 27 Mar 2020 05:46  
 Operator : SY/MD  
 Sample : L1976-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 Client Sampled :  
 ETTJ2

Manual Integrations  
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Quant Time: Mar 27 07:57:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 27 06:56:02 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.65  | 114  | 728046   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 706754   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 297569   | 50.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 1.31           | 65  | 967982m    | 247.81  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 495.62% |      |      |
| 7) Chloroethane-d5             | 1.58           | 69  | 153689     | 39.03   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 78.06%  |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.13           | 63  | 1884107    | 211.53  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 423.06% |      |      |
| 21) 2-Butanone-d5              | 3.94           | 46  | 9899m      | 2.55    | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 2.55%   |      |      |
| 24) Chloroform-d               | 4.39           | 84  | 358959     | 41.93   | ug/L | 0.01 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 83.86%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.07           | 65  | 252612     | 44.70   | ug/L | 0.01 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 89.40%  |      |      |
| 32) Benzene-d6                 | 5.09           | 84  | 723566     | 49.77   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 99.54%  |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.12           | 67  | 239009     | 45.58   | ug/L | 0.02 |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 91.16%  |      |      |
| 41) Toluene-d8                 | 7.34           | 98  | 666823     | 50.62   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 101.24% |      |      |
| 43) trans-1,3-Dichloropropene- | 7.65           | 79  | 91284      | 31.96   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 63.92%  |      |      |
| 47) 2-Hexanone-d5              | 8.12           | 63  | 253203     | 82.58   | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 82.58%  |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24          | 84  | 367481     | 41.26   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 82.52%  |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.65          | 152 | 246864     | 44.43   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 88.86%  |      |      |

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Target Compounds

|                              |      |    |           |           |      |     |
|------------------------------|------|----|-----------|-----------|------|-----|
| 5) Vinyl chloride            | 1.30 | 62 | 21709150m | 3037.884  | ug/L |     |
| 12) 1,1-Dichloroethene       | 2.13 | 96 | 2971664m  | 506.090   | ug/L |     |
| 13) Acetone                  | 2.23 | 43 | 147634m   | 54.884    | ug/L |     |
| 14) Carbon disulfide         | 2.31 | 76 | 10378     | 0.689     | ug/L | 96  |
| 15) Methyl Acetate           | 2.47 | 43 | 348498    | 62.581    | ug/L | 99  |
| 17) trans-1,2-Dichloroethene | 2.78 | 96 | 3675020   | 720.158   | ug/L | 99  |
| 19) 1,1-Dichloroethane       | 3.23 | 63 | 19728m    | 2.093     | ug/L |     |
| 20) cis-1,2-Dichloroethene   | 3.92 | 96 | 81267366m | 14296.433 | ug/L |     |
| 33) Benzene                  | 5.14 | 78 | 68397     | 3.251     | ug/L | 100 |
| 34) Trichloroethene          | 5.94 | 95 | 57785046m | 10542.413 | ug/L |     |
| 42) Toluene                  | 7.41 | 91 | 77124     | 3.285     | ug/L | 98  |

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

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