

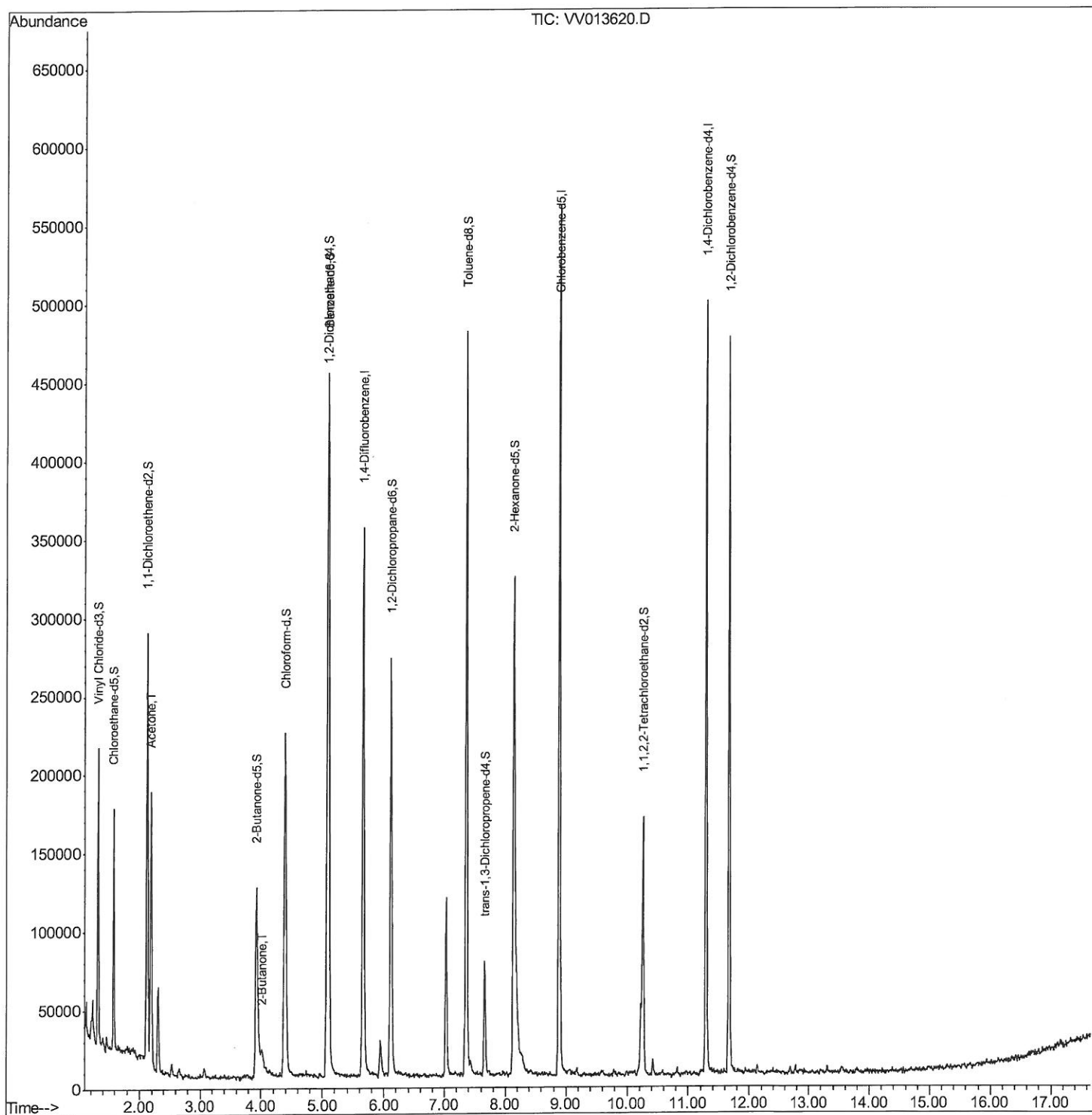
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV111419\  
Data File : VV013620.D  
Acq On : 14 Nov 2019 12:55  
Operator : SY/MD  
Sample : K5815-04  
Misc : 25.0mL/MSVOA V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A5461

Manual Integrations  
APPROVED

MMDadoda  
11/15/2019 9:35:57 AM

Quant Time: Nov 15 03:15:16 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111319WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Nov 15 03:01:32 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

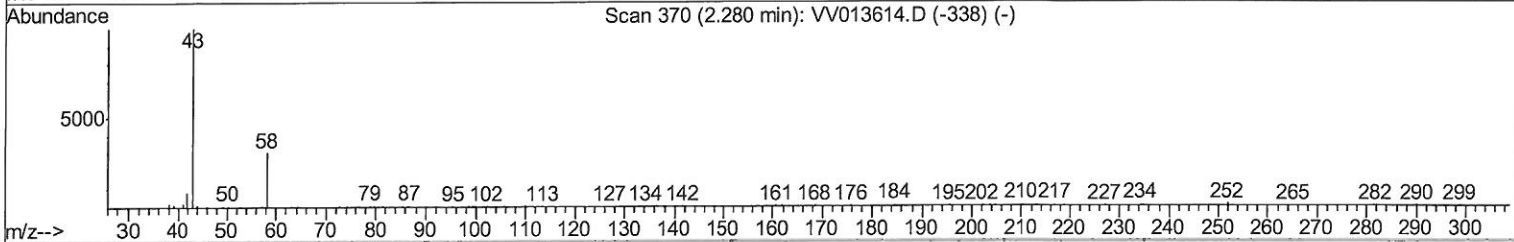
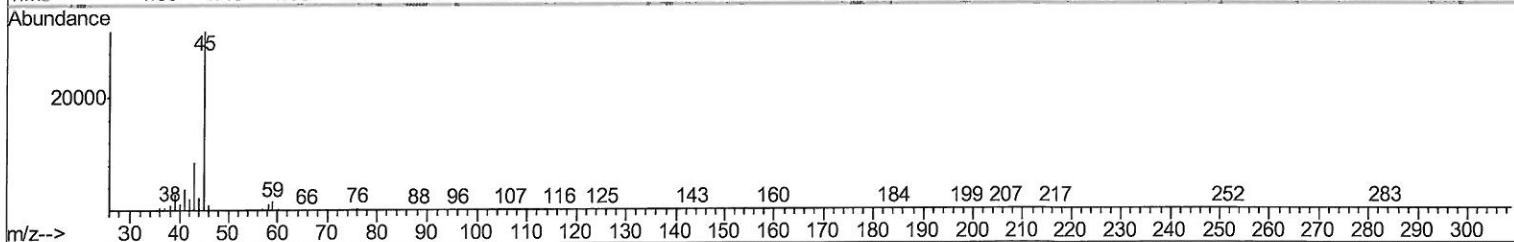
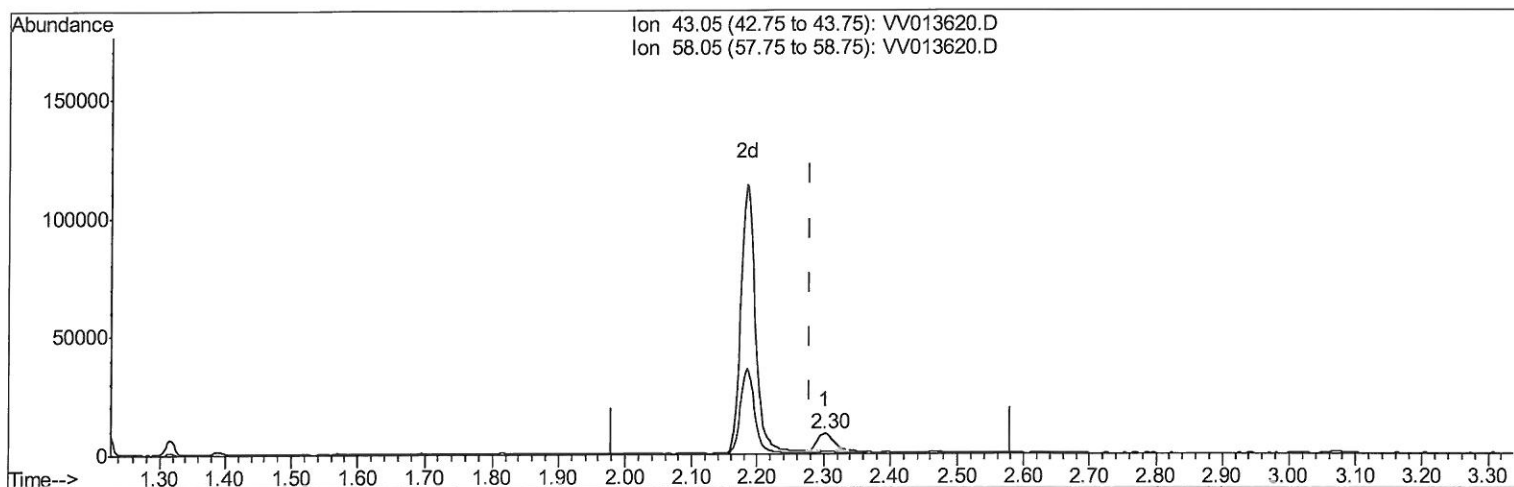
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Quant Time: Nov 15 03:11:52 2019  
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TIC: VV013620.D

(13) Acetone (T)

2.302min (+0.022) 5.66ug/L

response 12454

| Ion   | Exp%  | Act% |
|-------|-------|------|
| 43.05 | 100   | 100  |
| 58.05 | 14.40 | 0.00 |
| 0.00  | 0.00  | 0.00 |
| 0.00  | 0.00  | 0.00 |

# Quantitation Report (Qedit)

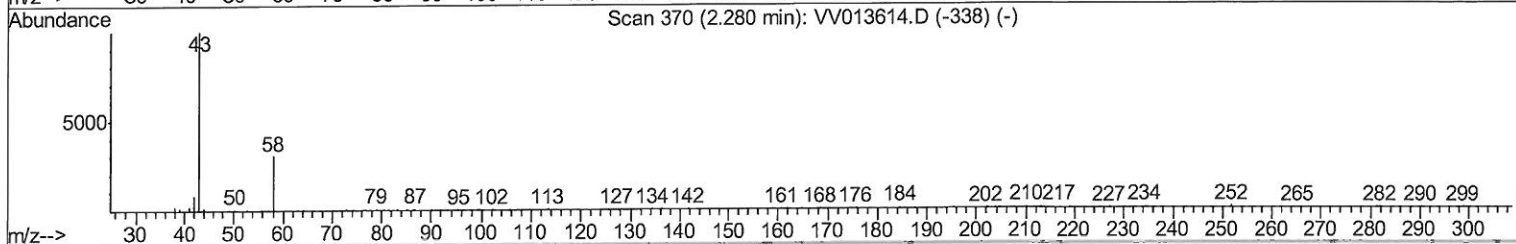
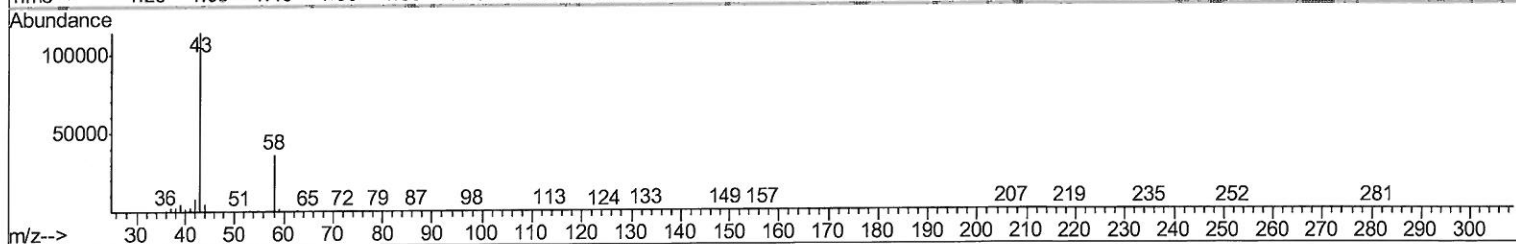
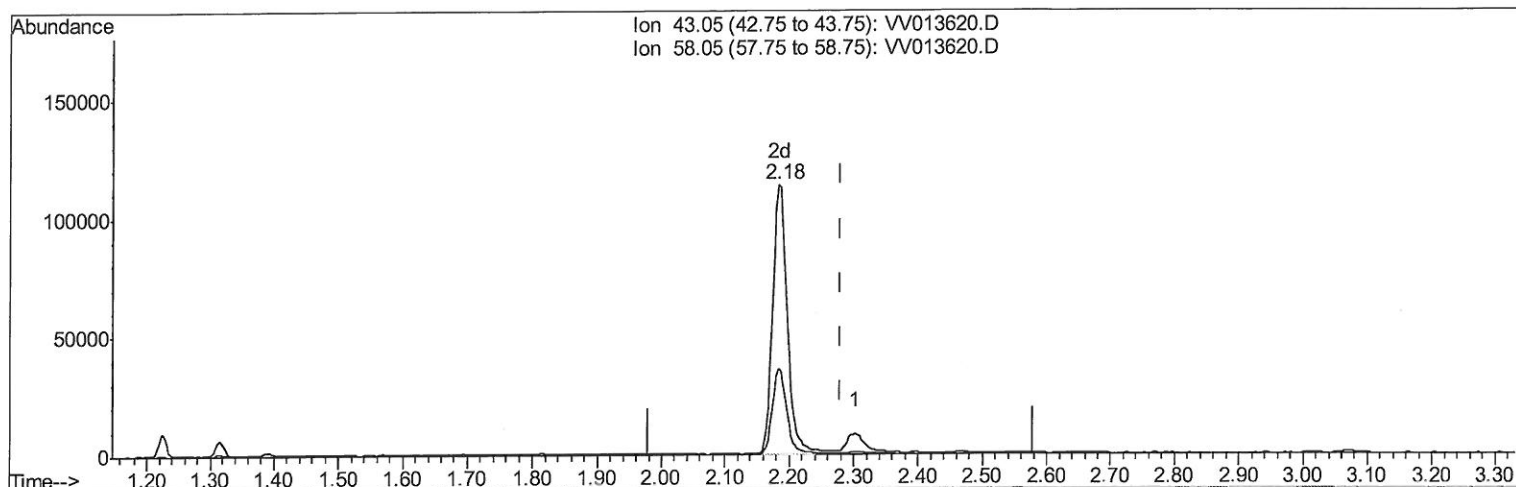
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TIC: VV013620.D

(13) Acetone (T)

2.183min (-0.097) 81.01ug/L m

response 178375

Ion Exp% Act%

43.05 100 100

58.05 14.40 0.00

0.00 0.00 0.00

0.00 0.00 0.00

*7 mQ*  
*11/20/19*

# Quantitation Report (Qedit)

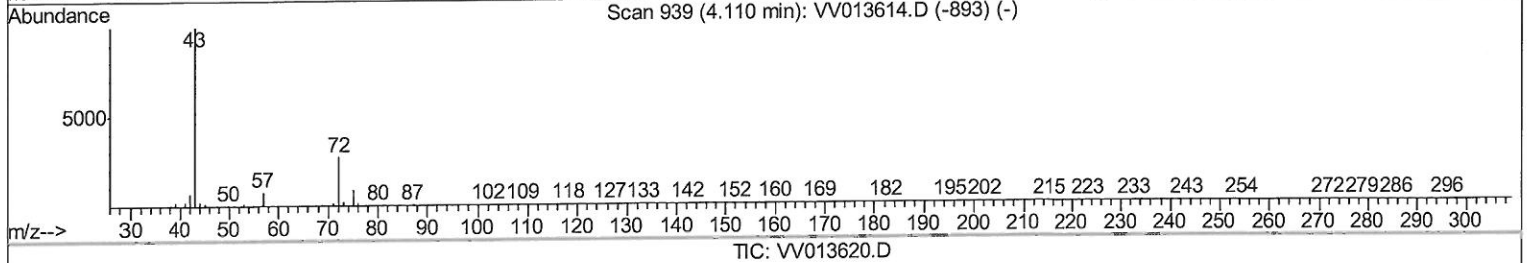
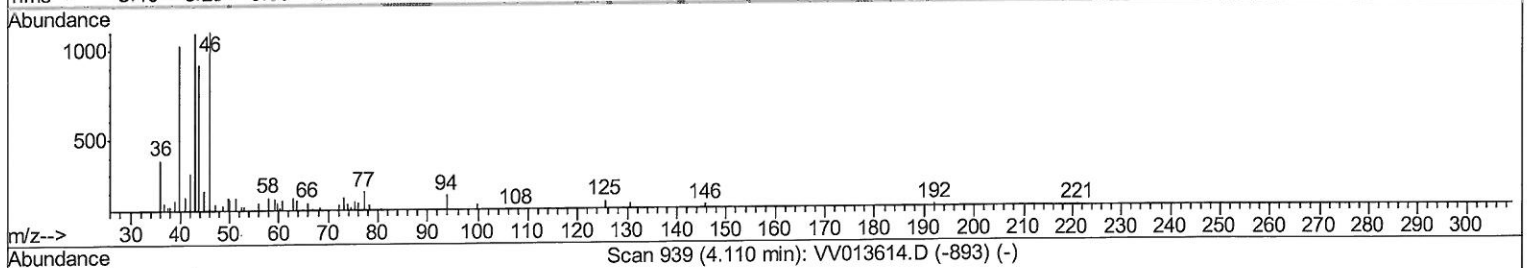
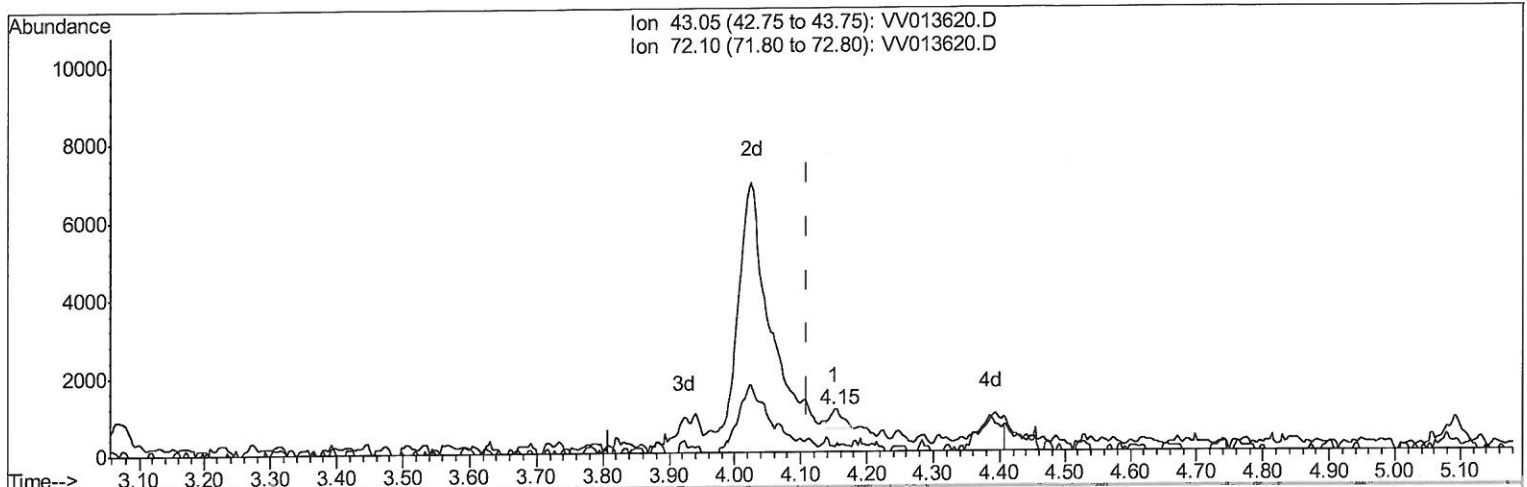
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(21) 2-Butanone (T)

4.151min (+0.042) 0.17ug/L

response 682

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.05 | 100   | 100   |
| 72.10 | 24.60 | 32.26 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |



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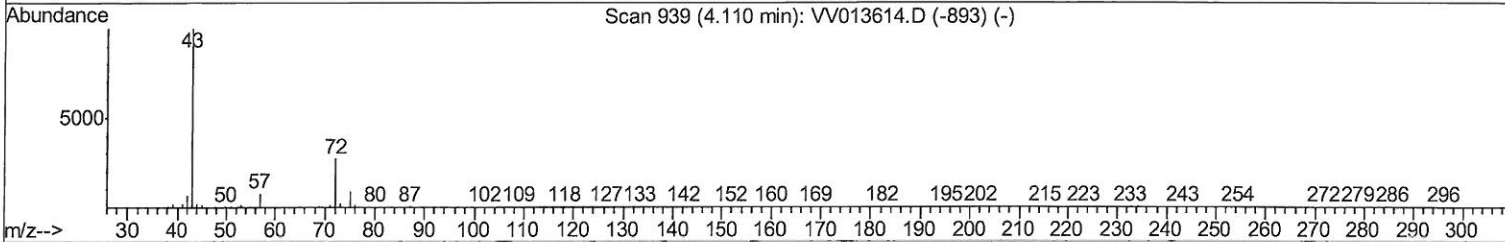
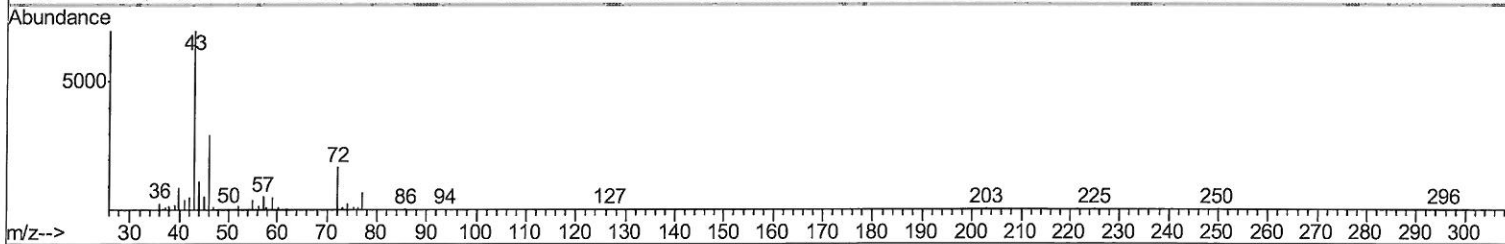
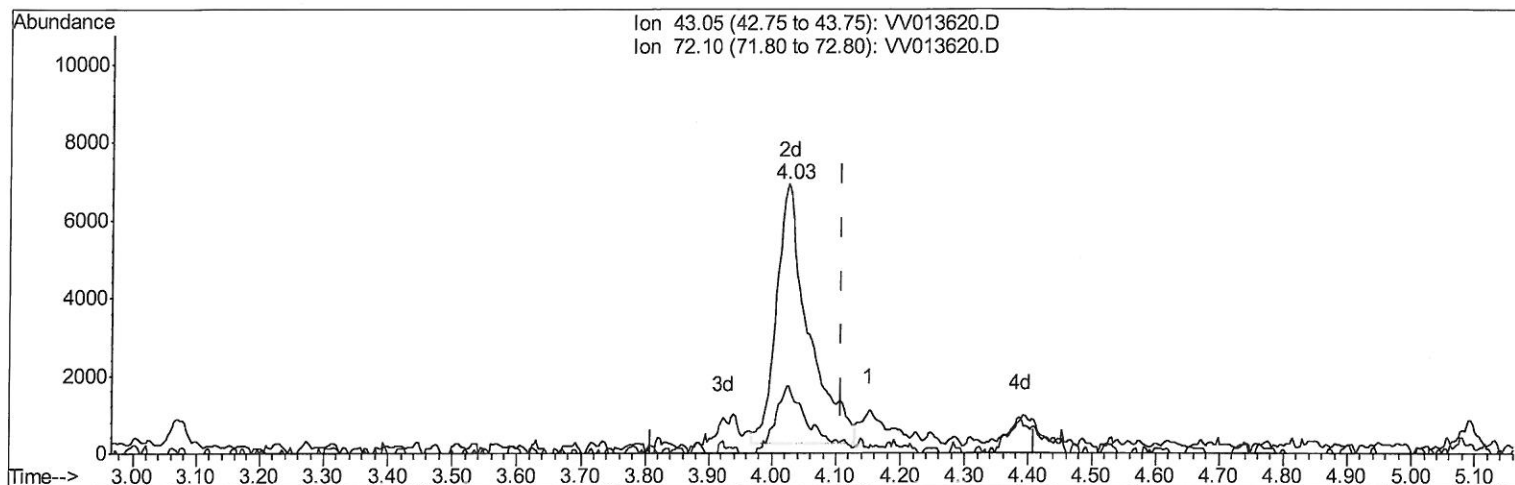
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Manual Integrations  
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TIC: VV013620.D

(21) 2-Butanone (T)

4.026min (-0.084) 5.67ug/L m

response 23117

Ion Exp% Act%

43.05 100 100

72.10 24.60 0.95#

0.00 0.00 0.00

0.00 0.00 0.00

*7 MD*  
*11/20/19*

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 Data File : VV013620.D  
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 Operator : SY/MD  
 Sample : K5815-04  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A5461

Manual Integrations  
 APPROVED

MMDadoda  
 11/15/2019 9:35:57 AM

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 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|----------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 296023   | 5.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 308801   | 5.00 | ug/L  | -0.02     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 132188   | 5.00 | ug/L  | 0.00      |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 109065   | 5.74     | ug/L | -0.03    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 114.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 93860    | 6.19     | ug/L | -0.03    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 123.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 137053   | 4.21     | ug/L | -0.03    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 84.20%   |
| 20) 2-Butanone-d5              | 3.93   | 46    | 209141   | 61.42    | ug/L | -0.10    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 122.84%  |
| 24) Chloroform-d               | 4.39   | 84    | 218588   | 6.70     | ug/L | -0.03    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 134.00%# |
| 26) 1,2-Dichloroethane-d4      | 5.07   | 65    | 108483   | 6.82     | ug/L | -0.02    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 136.40%# |
| 32) Benzene-d6                 | 5.09   | 84    | 396863   | 5.33     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 128453   | 5.03     | ug/L | -0.03    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.60%  |
| 41) Toluene-d8                 | 7.35   | 98    | 314059   | 4.17     | ug/L | -0.04    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40%   |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 41824    | 4.40     | ug/L | -0.04    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.00%   |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 127146   | 33.56    | ug/L | -0.03    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 67.12%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 73091    | 4.08     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 81.60%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 128541   | 5.51     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.20%  |

## Target Compounds

| Target Compounds | R.T. | QIon | Response | Conc   | Units | Ovalue |
|------------------|------|------|----------|--------|-------|--------|
| 13) Acetone      | 2.18 | 43   | 178375m  | 81.013 | ug/L  |        |
| 21) 2-Butanone   | 4.03 | 43   | 23117m   | 5.672  | ug/L  |        |

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