

# Quantitation Report (Qedit)

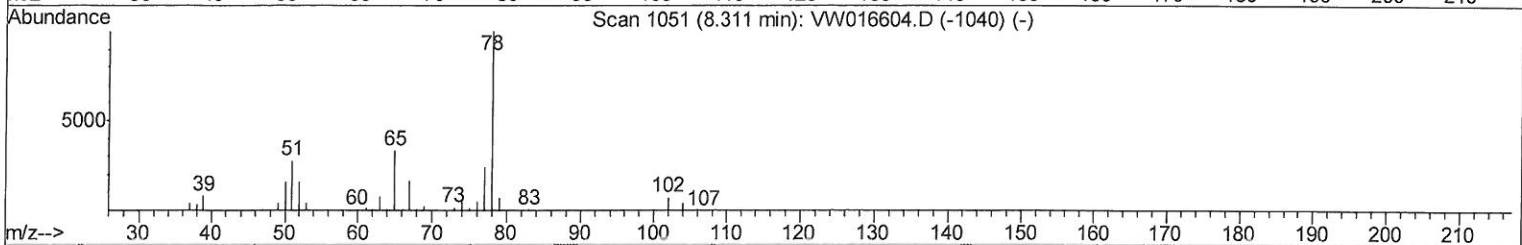
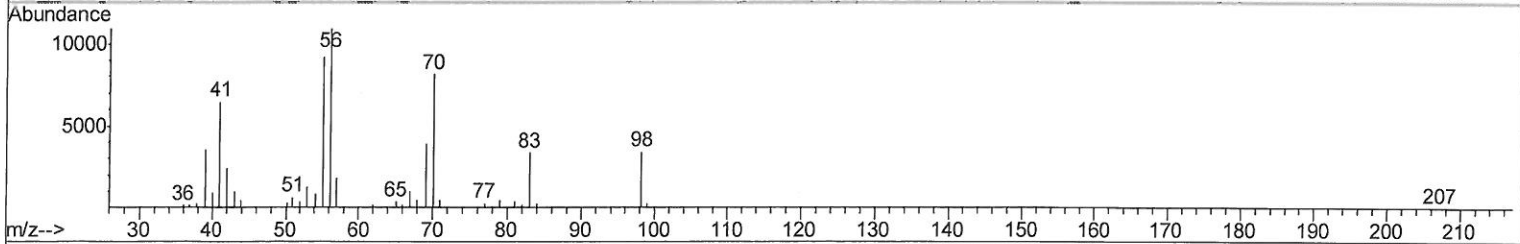
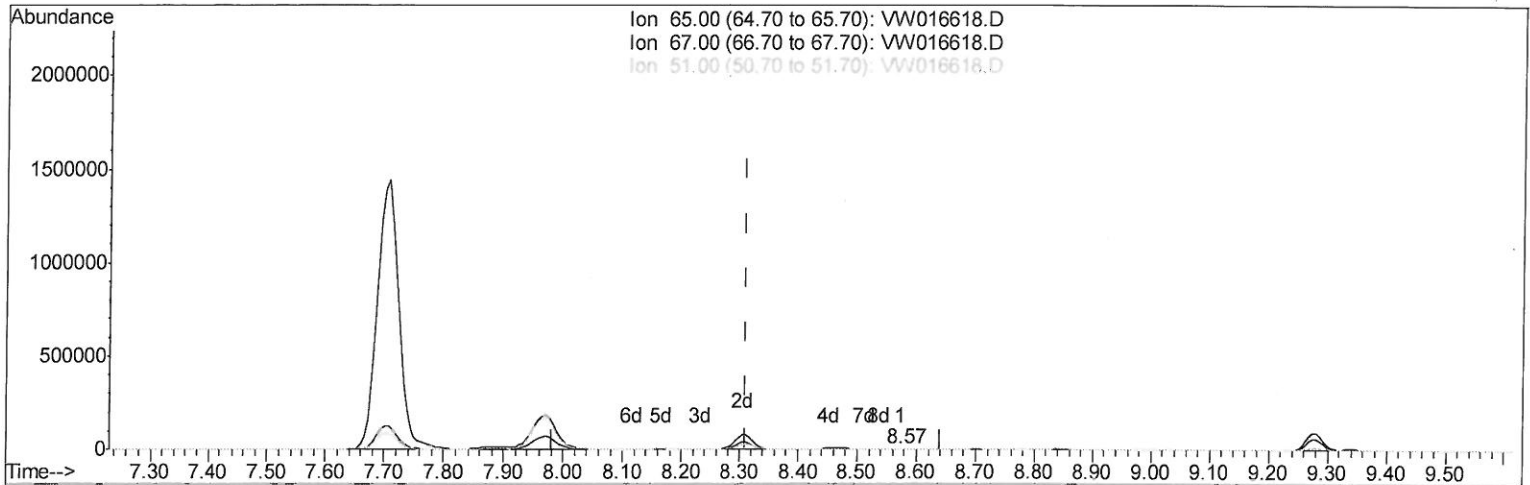
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\  
 Data File : VW016618.D  
 Acq On : 22 Sep 2020 18:16  
 Operator : SY/VA  
 Sample : L4109-05  
 Misc : 6.37G/10ML/MSVOA W/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 BG3W9

**Manual Integrations**  
**APPROVED**

MMDadoda  
 9/28/2020 3:16:33 PM

Quant Time: Sep 23 07:30:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 23 07:21:48 2020  
 Response via : Initial Calibration



TIC: VW016618.D

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

8.573min (+0.262) 0.09ug/L

response 618

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100    | 100    |
| 67.00 | 52.90  | 49.19  |
| 51.00 | 113.40 | 139.48 |
| 0.00  | 0.00   | 0.00   |

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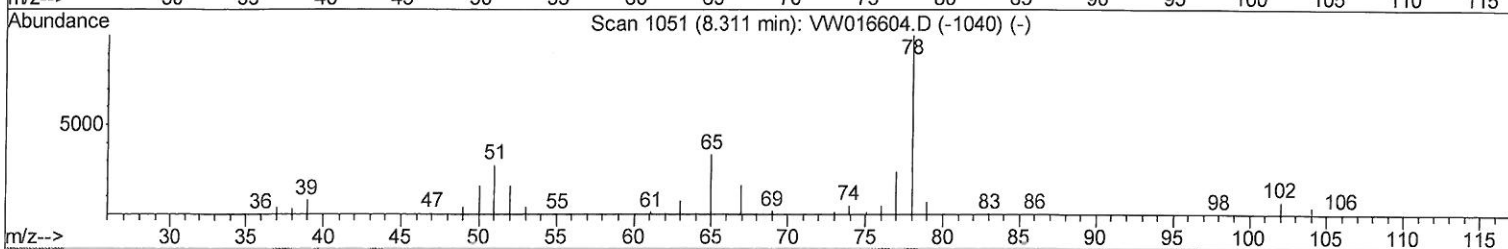
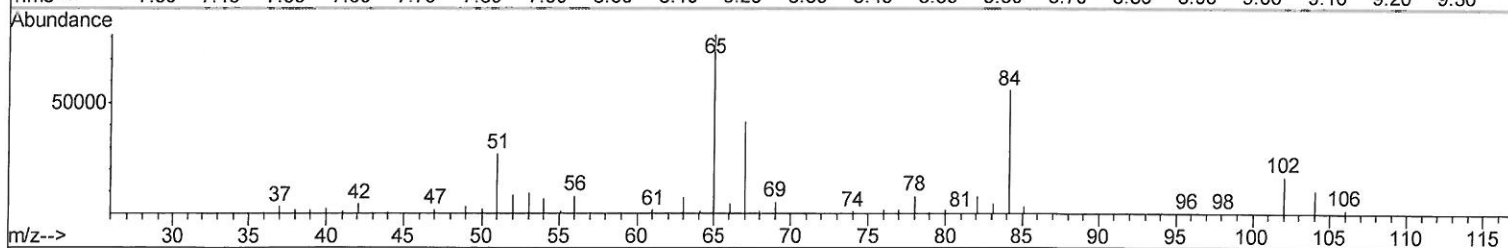
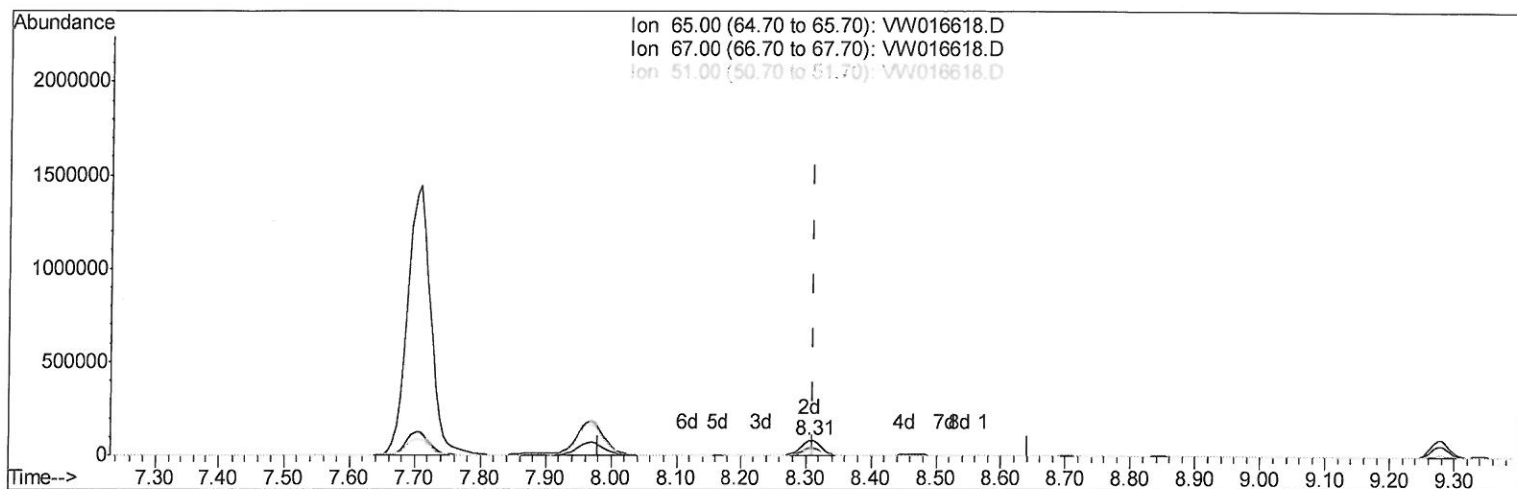
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TIC: VW016618.D

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

8.305min (-0.006) 26.06ug/L m

09/29/20 sy

response 176715

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 65.00 | 100    | 100   |
| 67.00 | 52.90  | 0.17# |
| 51.00 | 113.40 | 0.49# |
| 0.00  | 0.00   | 0.00  |

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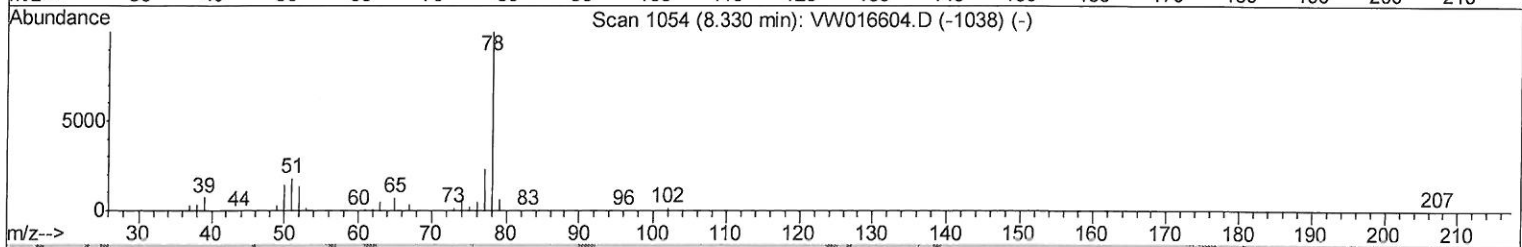
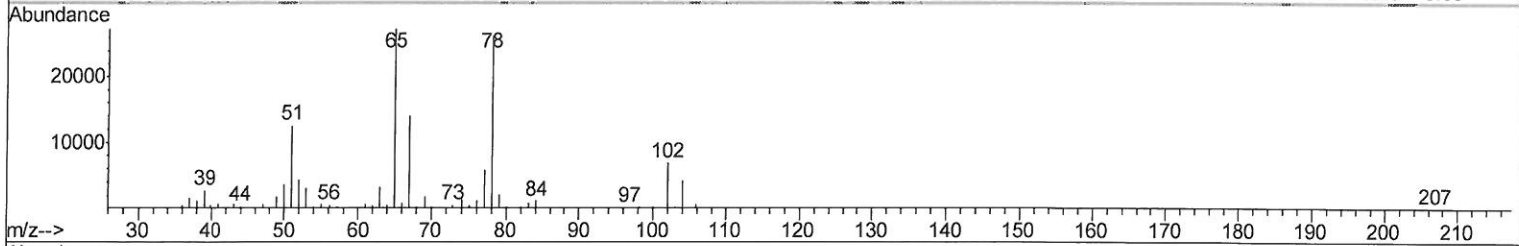
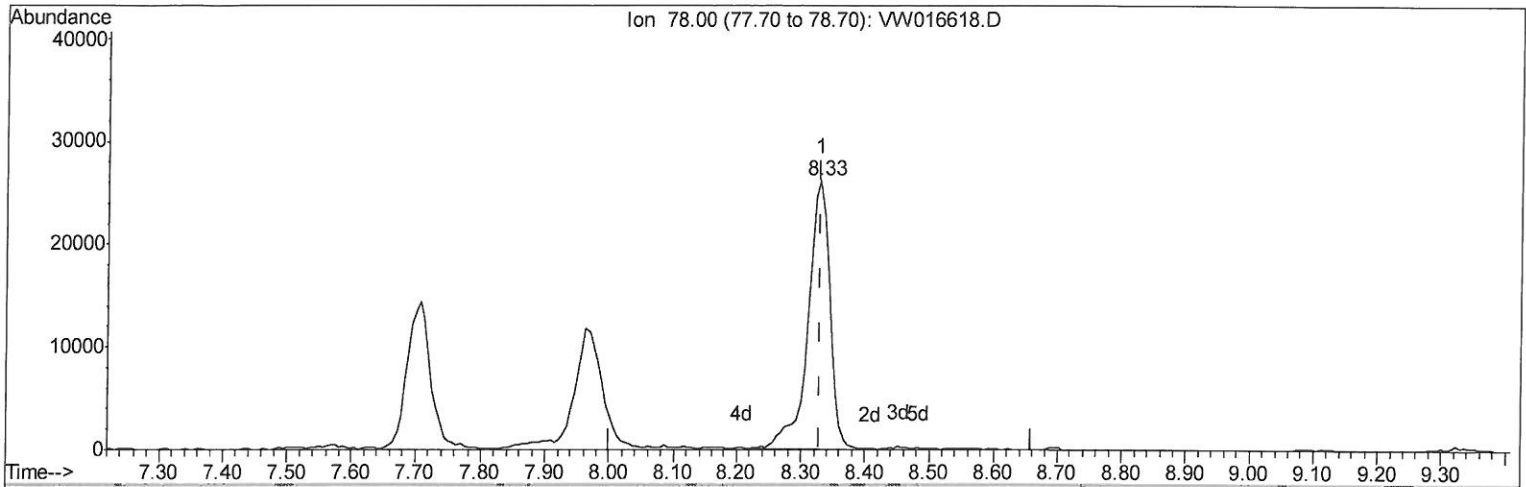
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\  
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 Operator : SY/VA  
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**Instrument :**  
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**ClientSampleId :**  
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TIC: VW016618.D

(34) Benzene (T)

8.329min (-0.000) 2.29ug/L

response 62399

| 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 |

# Quantitation Report (Qedit)

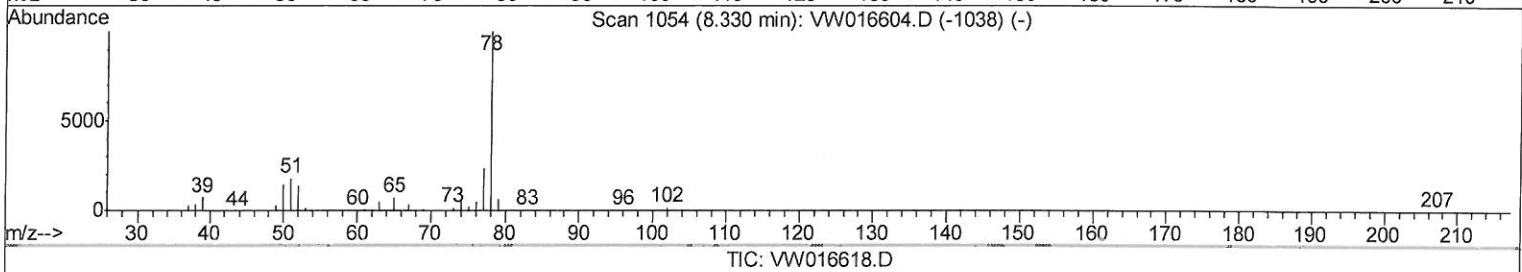
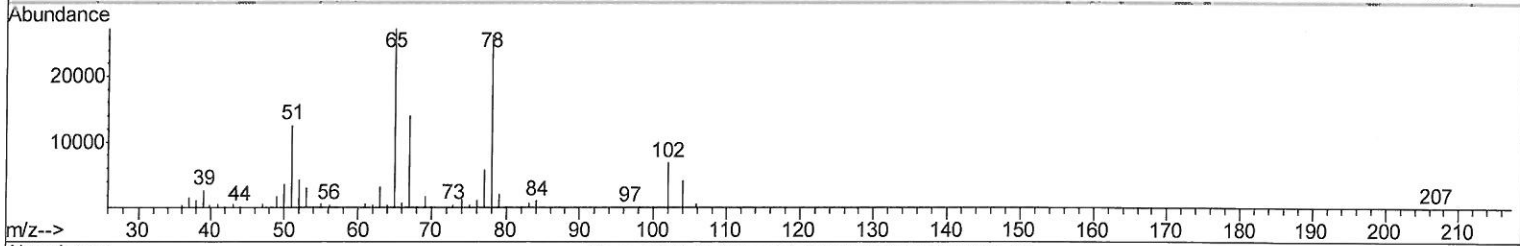
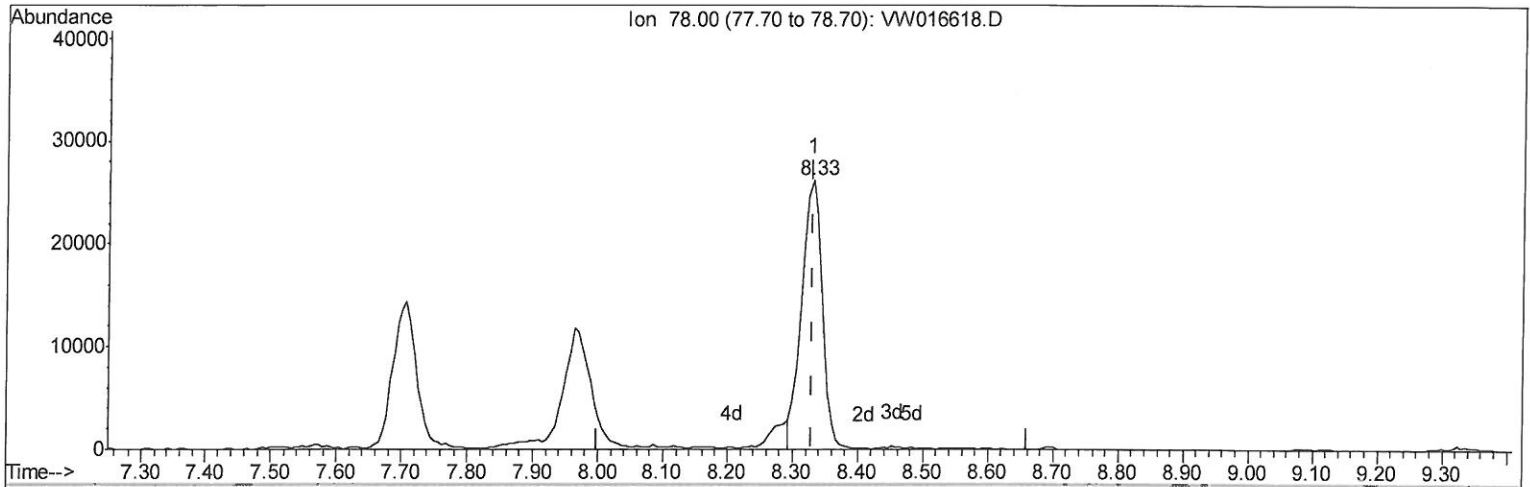
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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 Response via : Initial Calibration



(34) Benzene (T)

8.329min (-0.000) 2.11ug/L m

Sc 9/29/2024

response 57431

| 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 |

# Quantitation Report (Qedit)

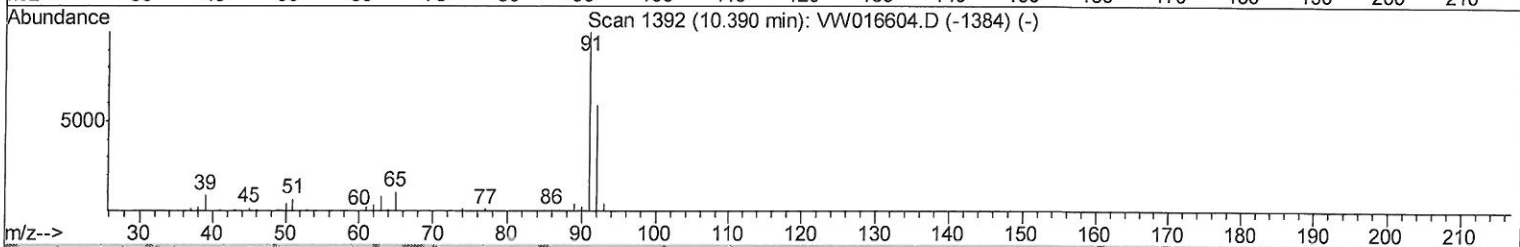
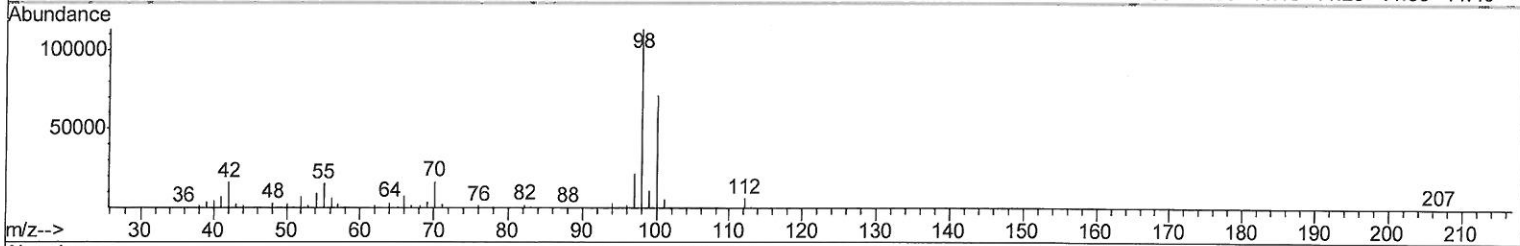
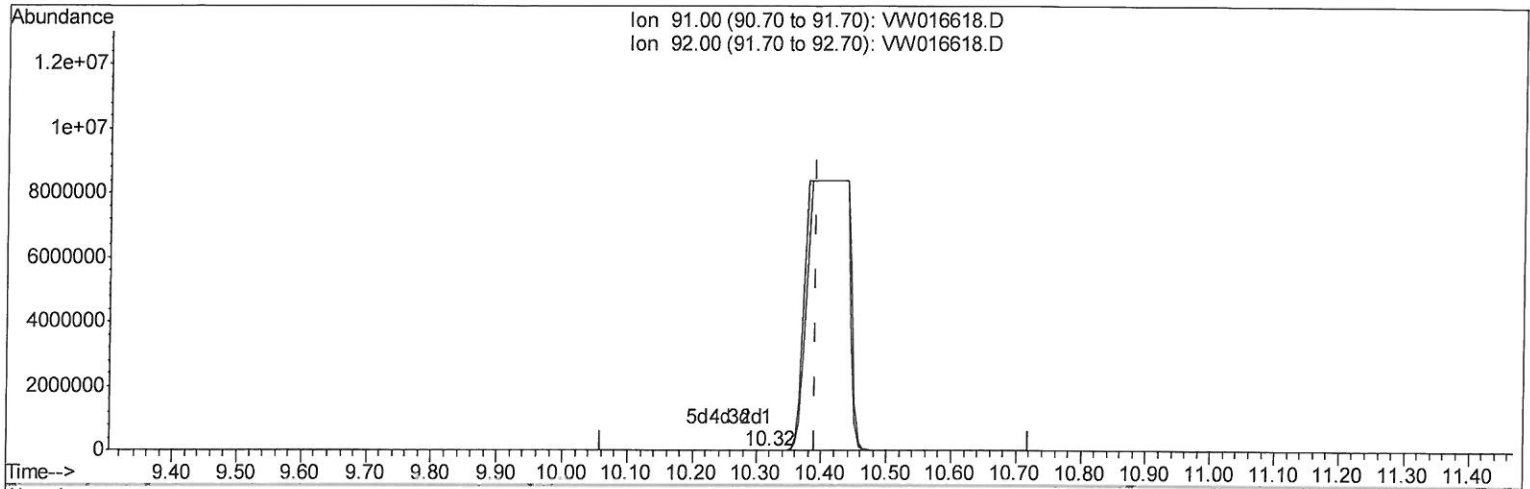
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual Integrations  
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TIC: VW016618.D

(44) Toluene (T)

10.317min (-0.073) 0.00ug/L

response 115

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 91.00 | 100   | 100   |
| 92.00 | 56.60 | 0.00# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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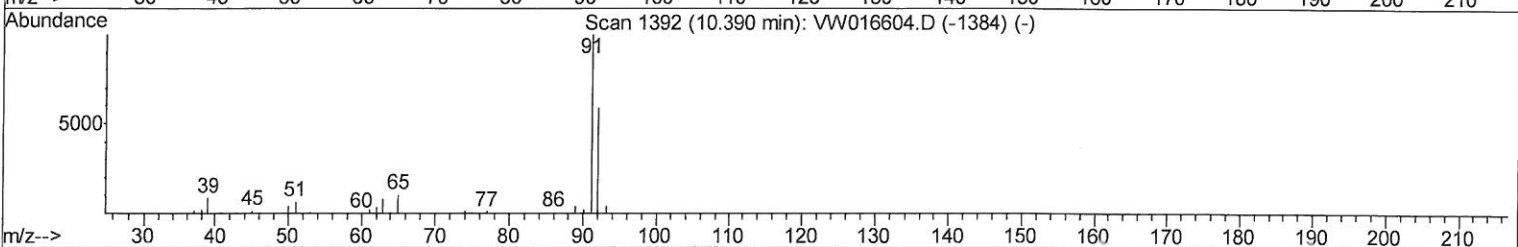
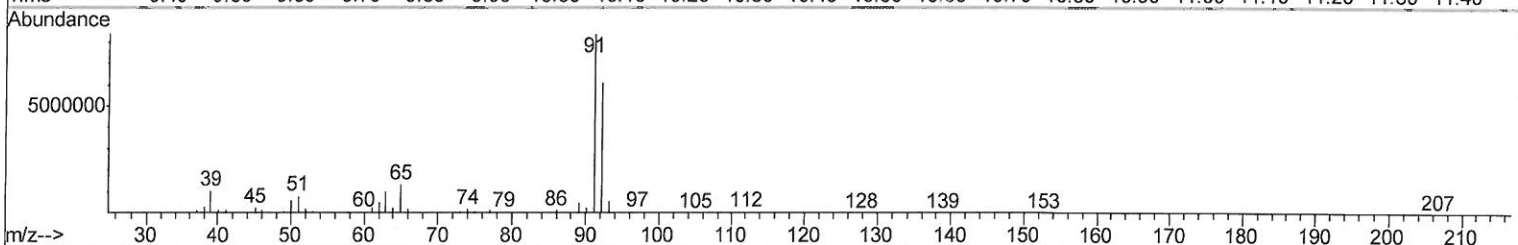
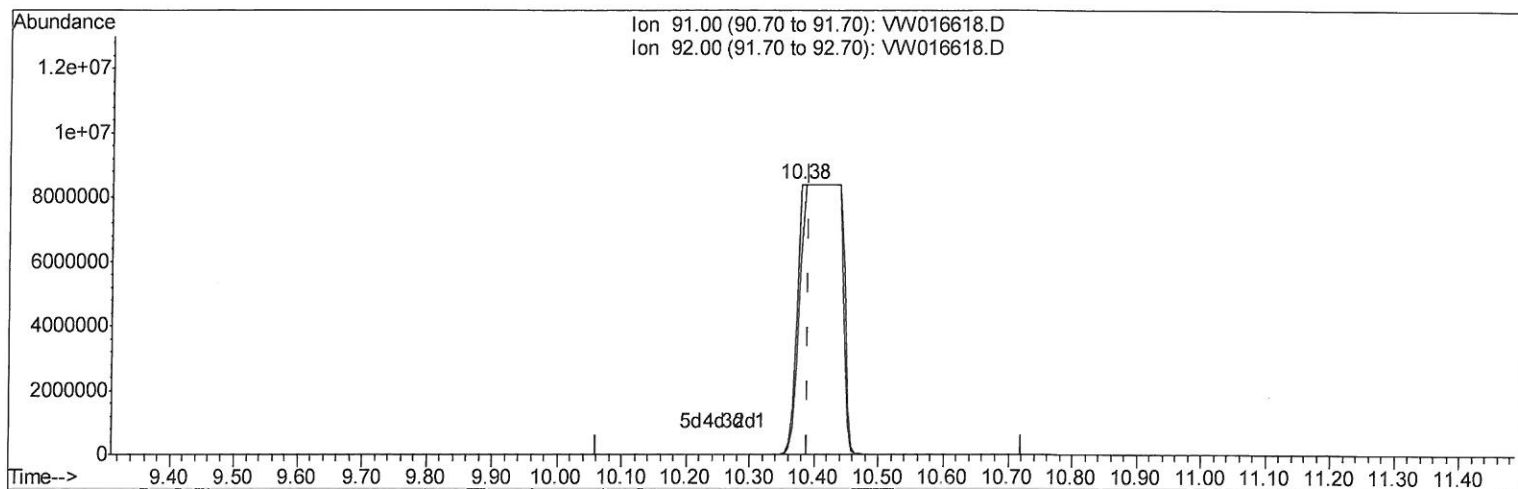
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\  
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 Operator : SY/VA  
 Sample : L4109-05  
 Misc : 6.37G/10ML/MSVOA W/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG3W9

Manual Integrations  
 APPROVED

MMDadoda  
 9/28/2020 3:16:33 PM

Quant Time: Sep 23 07:30:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
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 Response via : Initial Calibration



TIC: VW016618.D

(44) Toluene (T)

10.378min (-0.012) 1267.52ug/L m

response 38791081

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 91.00 | 100   | 100   |
| 92.00 | 56.60 | 72.94 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

09/29/20 14

# Quantitation Report (Qedit)

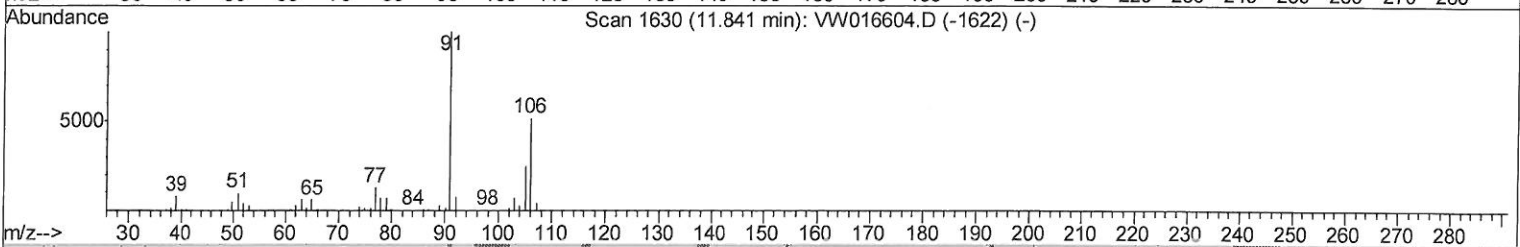
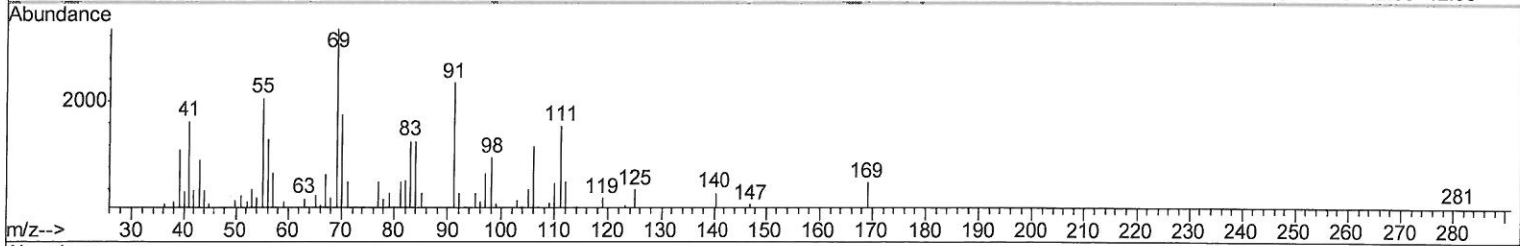
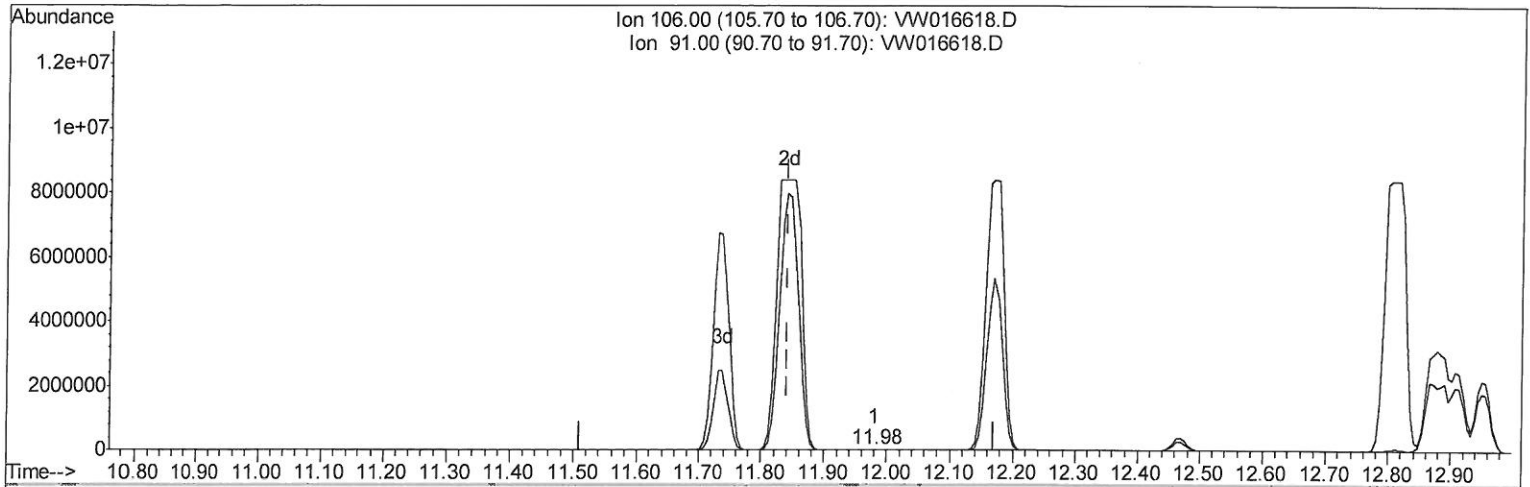
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 Acq On : 22 Sep 2020 18:16  
 Operator : SY/VA  
 Sample : L4109-05  
 Misc : 6.37G/10ML/MSVOA W/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 BG3W9

**Manual Integrations**  
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TIC: VW016618.D

(54) m,p-Xylene (T)

11.981min (+0.140) 0.05ug/L

response 722

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 106.00 | 100    | 100    |
| 91.00  | 199.60 | 198.90 |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

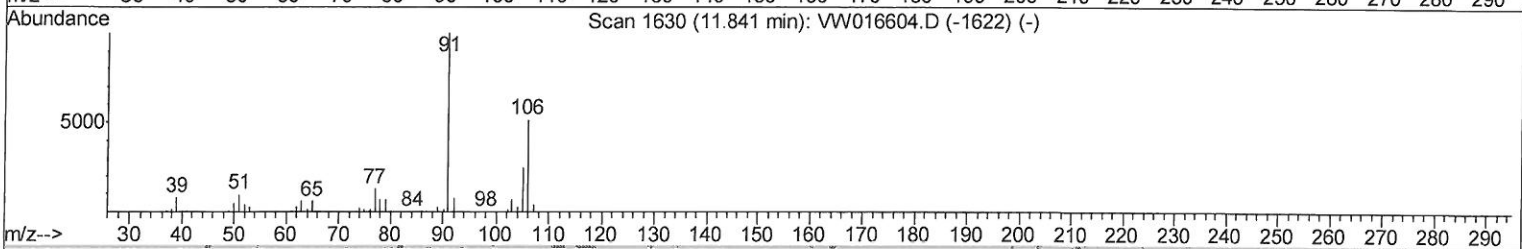
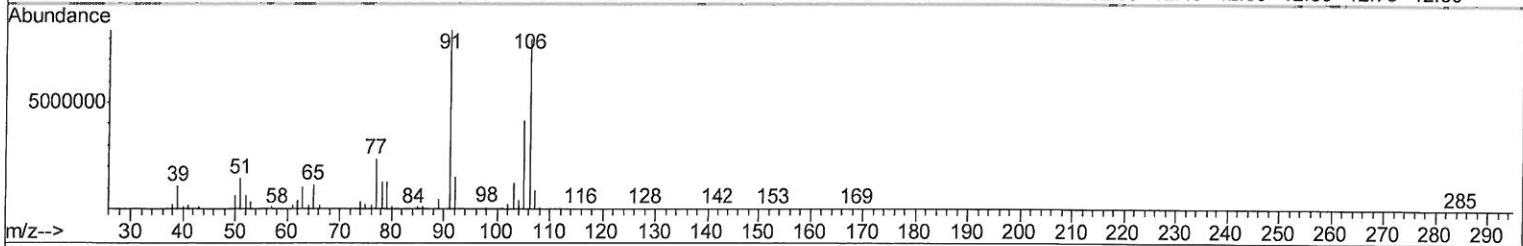
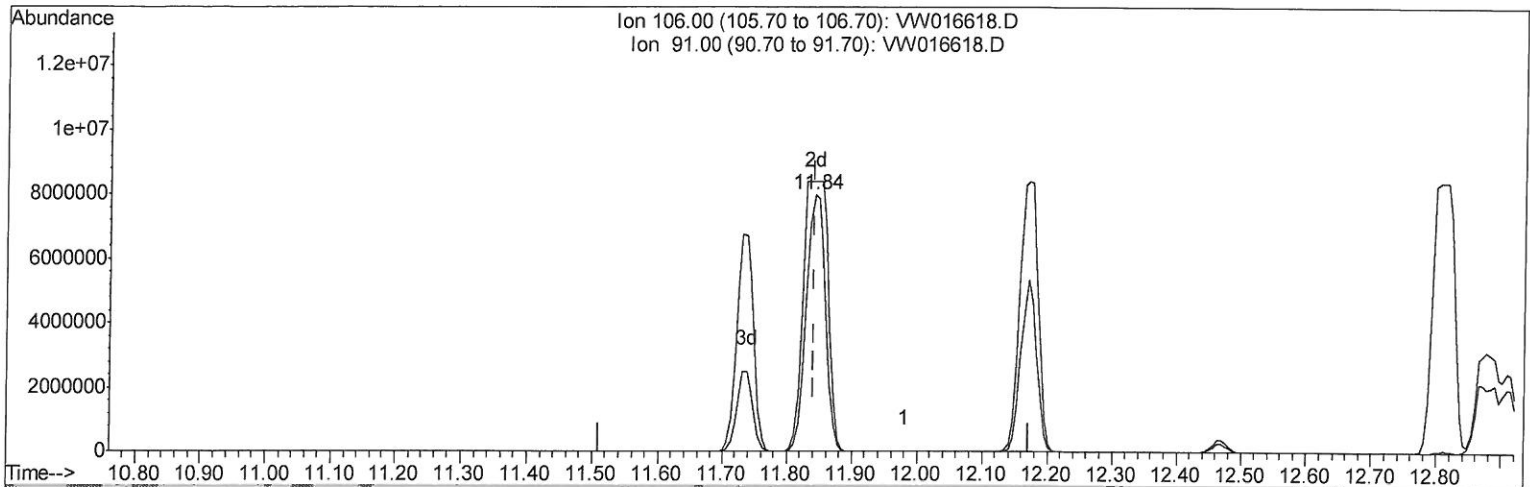
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 Data File : VW016618.D  
 Acq On : 22 Sep 2020 18:16  
 Operator : SY/VA  
 Sample : L4109-05  
 Misc : 6.37G/10ML/MSVOA W/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG3W9

Manual Integrations  
 APPROVED

MMDadoda  
 9/28/2020 3:16:33 PM

Quant Time: Sep 23 07:30:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
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 QLast Update : Wed Sep 23 07:21:48 2020  
 Response via : Initial Calibration



TIC: VW016618.D

(54) m,p-Xylene (T)

11.841min (-0.000) 1203.31ug/L m

09/29/2020

response 16371438

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 106.00 | 100    | 100     |
| 91.00  | 199.60 | 105.05# |
| 0.00   | 0.00   | 0.00    |
| 0.00   | 0.00   | 0.00    |

# Quantitation Report (Qedit)

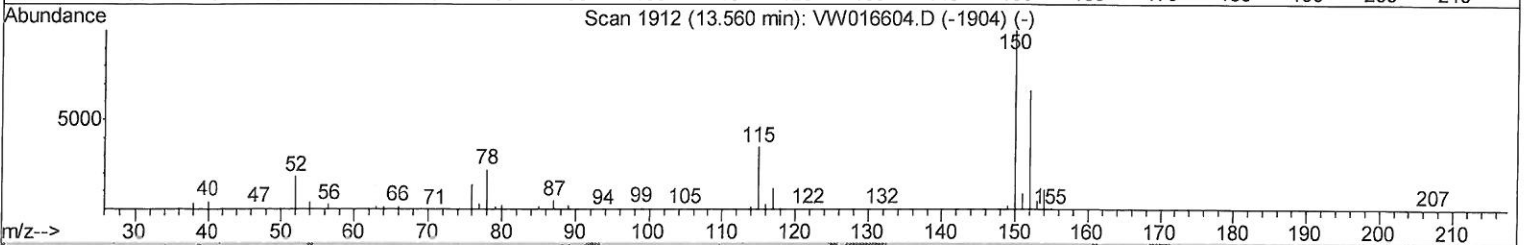
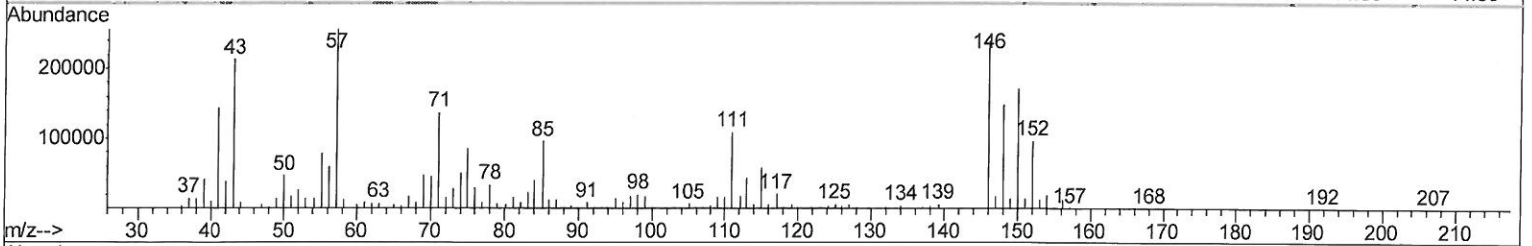
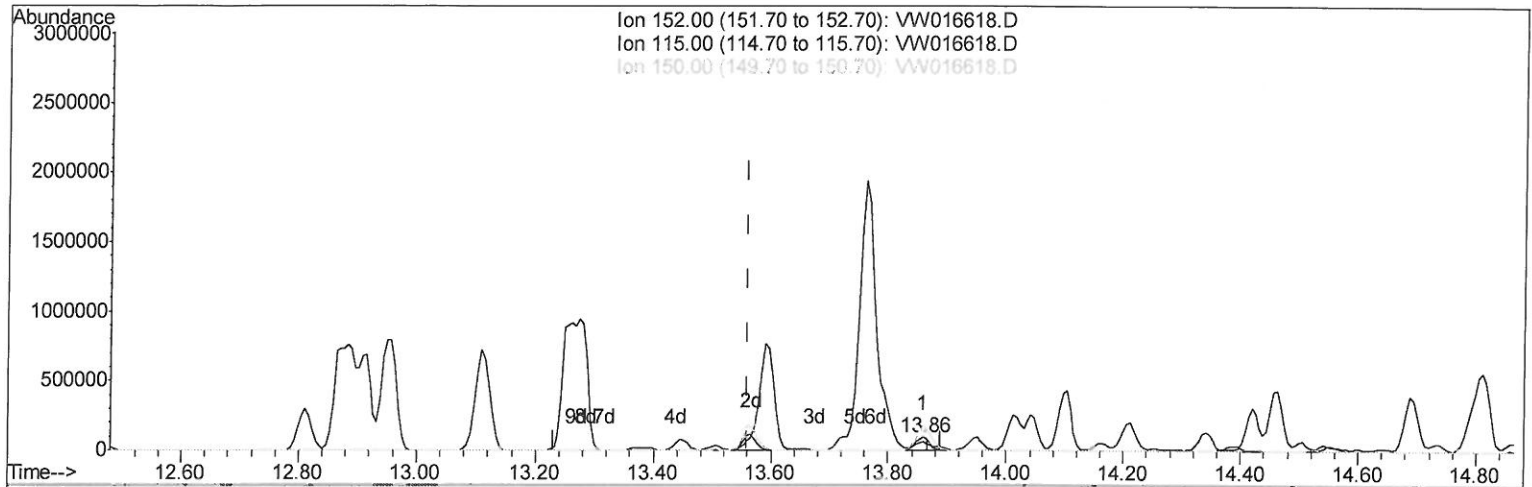
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 BG3W9

Manual Integrations  
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TIC: VW016618.D

(60) 1,4-Dichlorobenzene-d4 (I)

13.859min (+0.299) 25.00ug/L

response 130334

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100    | 100    |
| 115.00 | 56.10  | 36.06  |
| 150.00 | 172.50 | 175.66 |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

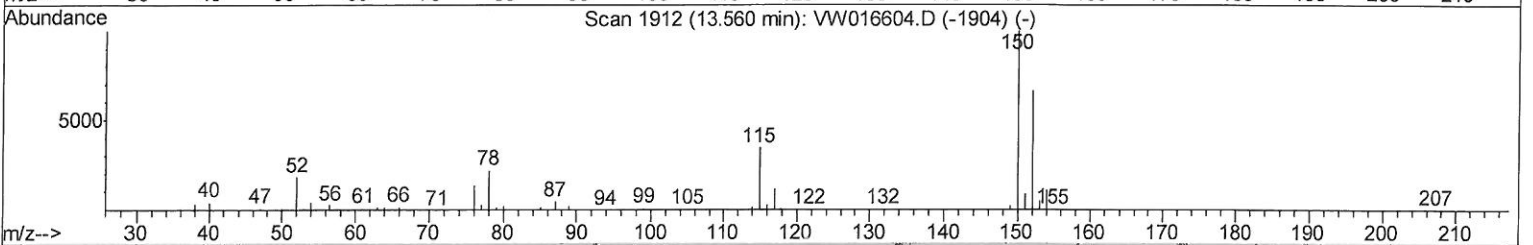
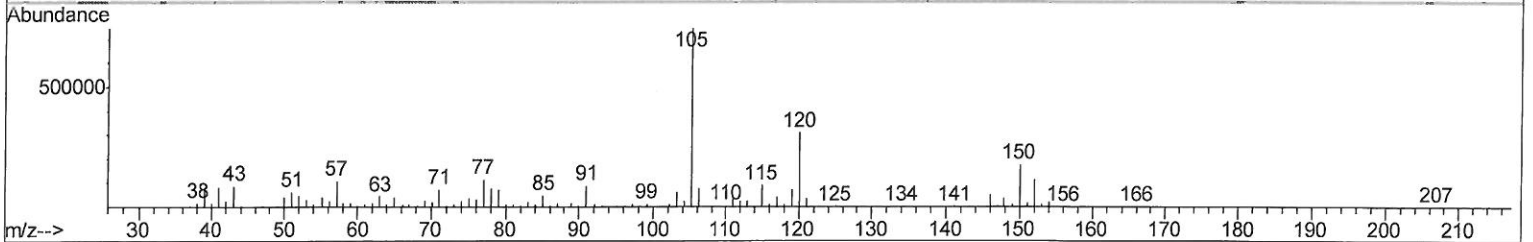
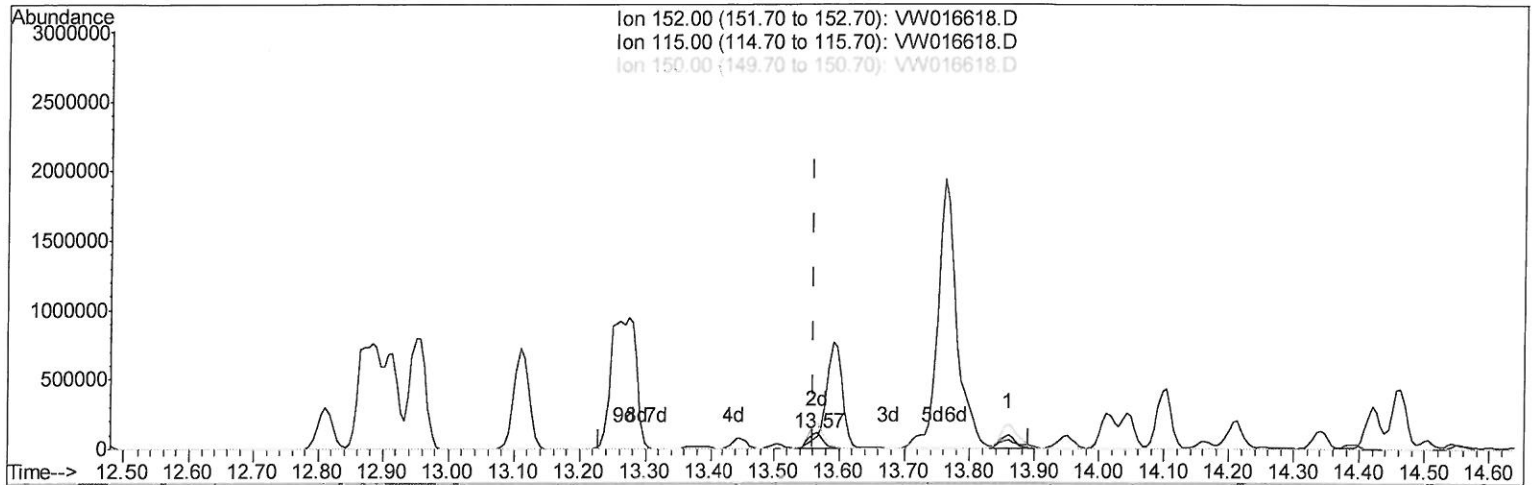
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 ClientSampleId :  
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TIC: VW016618.D

(60) 1,4-Dichlorobenzene-d4 (I)

13.566min (+0.006) 25.00ug/L m

response 186773

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100    | 100    |
| 115.00 | 56.10  | 25.16  |
| 150.00 | 172.50 | 122.58 |
| 0.00   | 0.00   | 0.00   |

09/29/20 Sy

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092320\  
Quantitation Report (LSC Reviewed)

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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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BG3W9

Manual Integrations  
APPROVED

MMDadoda  
9/28/2020 3:16:33 PM

Quant Time: Sep 23 16:43:12 2020  
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QLast Update : Wed Sep 23 07:21:48 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 631508   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 507781   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 186773m  | 25.00 | ug/L  | 0.00     |

| System Monitoring Compounds    |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 141612   | 23.17    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.68%   |
| 7) Chloroethane-d5             | 2.90   | 69    | 105295   | 21.10    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 84.40%   |
| 10) 1,1-Dichloroethene-d2      | 4.05   | 63    | 1399179  | 102.38   | ug/L | 0.02     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 409.52%# |
| 20) 2-Butanone-d5              | 7.07   | 46    | 63570    | 38.14    | ug/L | -0.01    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.28%   |
| 24) Chloroform-d               | 7.65   | 84    | 331762   | 25.11    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 100.44%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 176715m  | 26.06    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 104.24%  |
| 29) Benzene-d6                 | 8.28   | 84    | 638619   | 28.04    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 112.16%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 188377   | 30.52    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 122.08%# |
| 37) Toluene-d8                 | 10.34  | 98    | 585792   | 26.15    | ug/L | 0.01     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 104.60%  |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 84804    | 27.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 109.04%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 64300    | 57.28    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 114.56%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 130224   | 24.80    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 99.20%   |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 157177   | 26.34    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 105.36%  |

| Target Compounds             |       |     |           |          | Qvalue    |
|------------------------------|-------|-----|-----------|----------|-----------|
| 12) 1,1-Dichloroethene       | 4.06  | 96  | 2401047   | 300.168  | ug/L # 77 |
| 18) trans-1,2-Dichloroethene | 5.43  | 96  | 13081     | 1.579    | ug/L # 27 |
| 19) 1,1-Dichloroethane       | 6.22  | 63  | 228837    | 17.469   | ug/L 94   |
| 22) cis-1,2-Dichloroethene   | 7.17  | 96  | 2581217   | 300.316  | ug/L 98   |
| 30) Cyclohexane              | 7.96  | 56  | 10758865  | 969.576  | ug/L 99   |
| 31) 1,1,1-Trichloroethane    | 7.88  | 97  | 13654283  | 1151.359 | ug/L 98   |
| 34) Benzene                  | 8.33  | 78  | 57431m    | 2.110    | ug/L 98   |
| 35) Trichloroethene          | 9.10  | 95  | 22207     | 2.820    | ug/L # 88 |
| 36) Methylcyclohexane        | 9.34  | 83  | 134656    | 10.082   | ug/L # 84 |
| 44) Toluene                  | 10.38 | 91  | 38791081m | 1267.521 | ug/L 7    |
| 46) 1,1,2-Trichloroethane    | 10.77 | 97  | 38147     | 7.153    | ug/L # 39 |
| 47) Tetrachloroethene        | 10.87 | 164 | 110400    | 15.527   | ug/L 97   |
| 52) Chlorobenzene            | 11.66 | 112 | 746643    | 36.321   | ug/L 99   |
| 53) Ethylbenzene             | 11.73 | 91  | 12137817  | 349.332  | ug/L 87   |
| 54) m,p-Xylene               | 11.84 | 106 | 16371438m | 203.307  | ug/L 9    |
| 55) o-xylene                 | 12.17 | 106 | 8974382   | 688.518  | ug/L 68   |
| 57) Isopropylbenzene         | 12.47 | 105 | 6827069   | 191.684  | ug/L 99   |
| 63) 1,3-Dichlorobenzene      | 13.51 | 146 | 68211     | 5.615    | ug/L # 86 |
| 64) 1,4-Dichlorobenzene      | 13.58 | 146 | 320291    | 26.922   | ug/L 89   |
| 65) 1,2-Dichlorobenzene      | 13.87 | 146 | 917422    | 84.516   | ug/L 95   |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092320\  
Quantitation Report (LSC Reviewed)

Data File : VW016618.D  
Acq On : 22 Sep 2020 18:16  
Operator : SY/VA  
Sample : L4109-05  
Misc : 6.37G/10ML/MSVOA\_W/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BG3W9

Manual Integrations  
APPROVED

MMDadoda  
9/28/2020 3:16:33 PM

Quant Time: Sep 23 16:43:12 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Sep 23 07:21:48 2020  
Response via : Initial Calibration

