

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV022119\  
Quantitation Report (QT Reviewed)

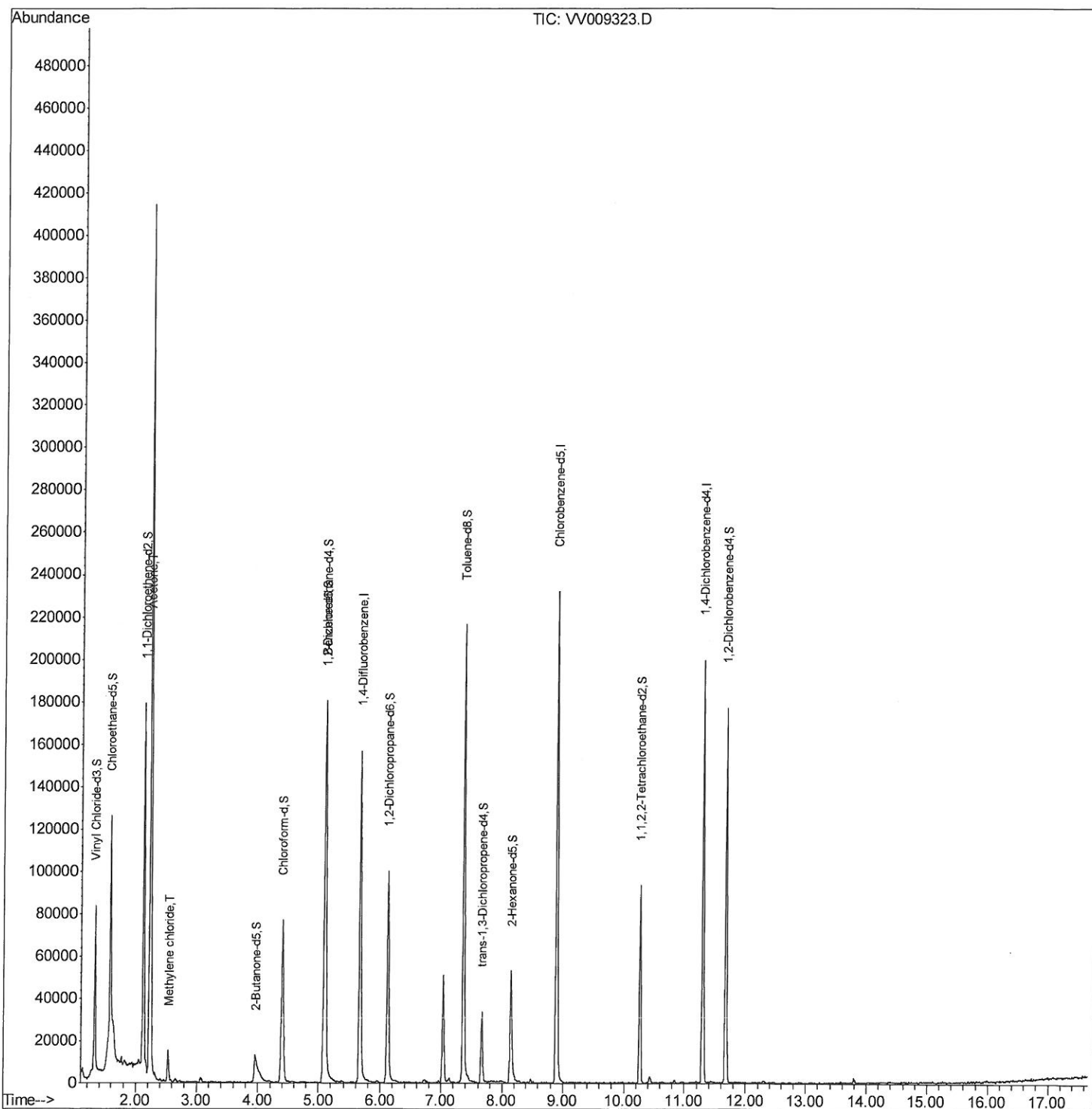
Data File : VV009323.D  
Acq On : 21 Feb 2019 14:27  
Operator : SY/MD  
Sample : K1543-07  
Misc : 3.01G/10ML/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BF5X7

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 3:33:21 PM

Quant Time: Feb 22 05:50:20 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022019S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 22 04:53:11 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV022119\  
Quantitation Report (Qedit)

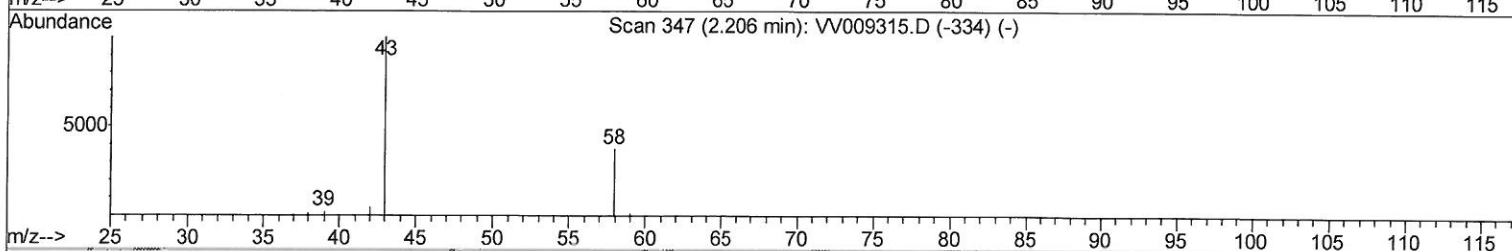
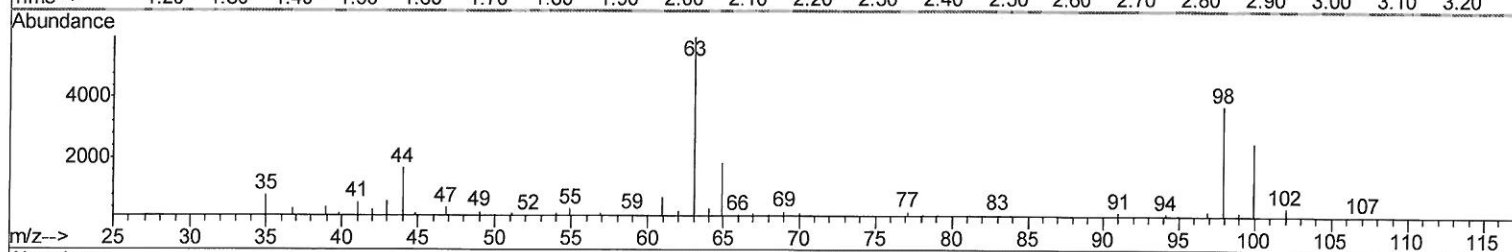
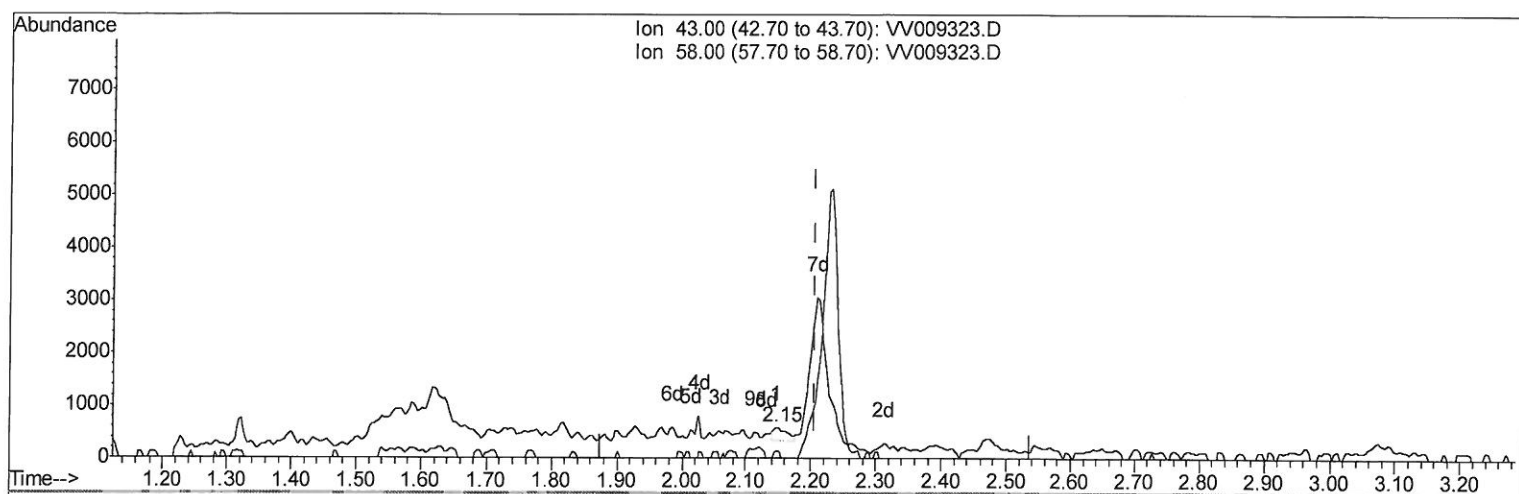
Data File : VV009323.D  
Acq On : 21 Feb 2019 14:27  
Operator : SY/MD  
Sample : K1543-07  
Misc : 3.01G/10ML/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BF5X7

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 3:33:21 PM

Quant Time: Feb 22 05:53:05 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022019S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 22 04:53:11 2019  
Response via : Initial Calibration



TIC: VV009323.D

(13) Acetone (T)

2.148min (-0.058) 0.59ug/L

response 373

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 58.00 | 36.00 | 19.30 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV022119\  
Quantitation Report (Qedit)

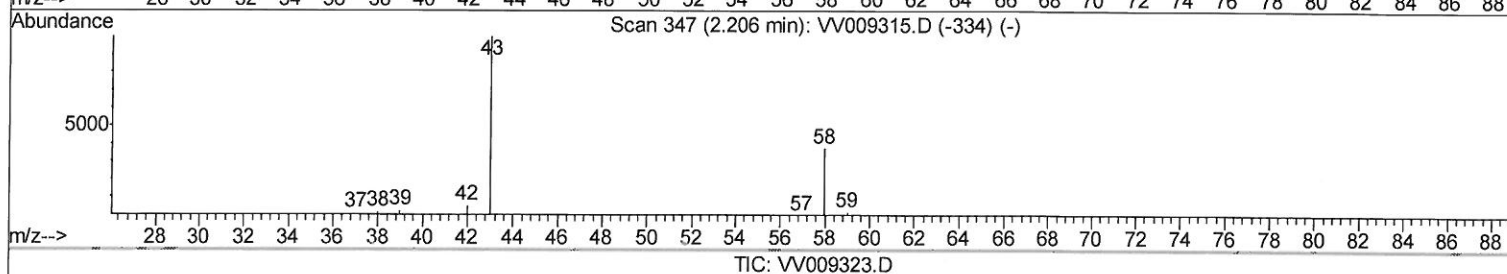
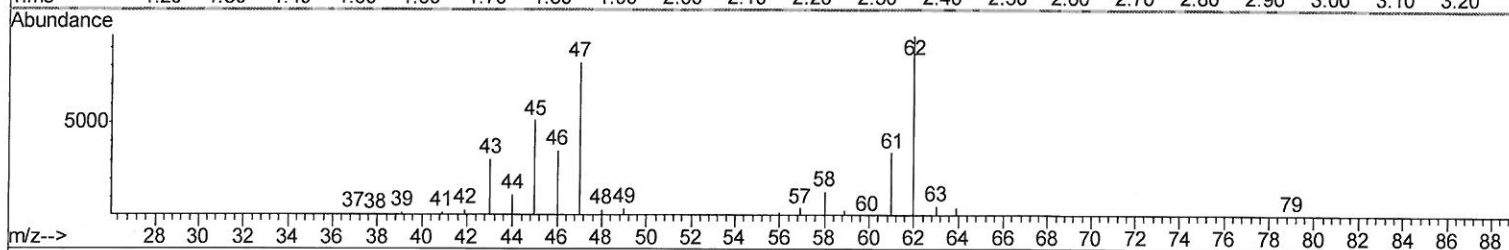
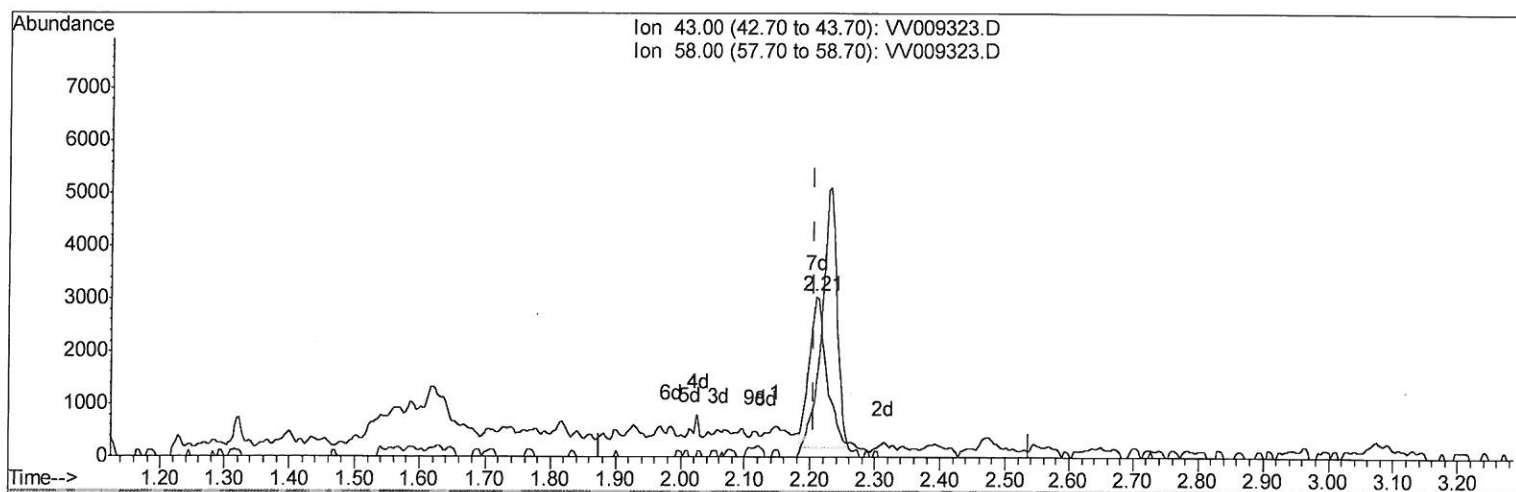
Data File : VV009323.D  
Acq On : 21 Feb 2019 14:27  
Operator : SY/MD  
Sample : K1543-07  
Misc : 3.01G/10ML/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BF5X7

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 3:33:21 PM

Quant Time: Feb 22 04:56:42 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022019S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 22 04:53:11 2019  
Response via : Initial Calibration



(13) Acetone (T)

2.209min (+0.003) 8.39ug/L m

response 5342

| Ion   | Exp%  | Act% |
|-------|-------|------|
| 43.00 | 100   | 100  |
| 58.00 | 36.00 | 1.35 |
| 0.00  | 0.00  | 0.00 |
| 0.00  | 0.00  | 0.00 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV022119\  
Quantitation Report (QT Reviewed)

Data File : VV009323.D  
Acq On : 21 Feb 2019 14:27  
Operator : SY/MD  
Sample : K1543-07  
Misc : 3.01G/10ML/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampled :  
BF5X7

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 3:33:21 PM

Quant Time: Feb 22 05:50:20 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022019S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 22 04:53:11 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 139966   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 128341   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 51354    | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 1.32           | 65  | 44601      | 23.95   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 95.80%  |      |      |
| 7) Chloroethane-d5             | 1.58           | 69  | 61639      | 27.98   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 111.92% |      |      |
| 10) 1,1-Dichloroethene-d2      | 2.13           | 63  | 87905      | 19.20   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 76.80%  |      |      |
| 20) 2-Butanone-d5              | 3.96           | 46  | 21380      | 32.81   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 65.62%  |      |      |
| 24) Chloroform-d               | 4.40           | 84  | 76357      | 23.49   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 93.96%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.08           | 65  | 42164      | 23.92   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 95.68%  |      |      |
| 29) Benzene-d6                 | 5.10           | 84  | 159839     | 24.83   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 99.32%  |      |      |
| 33) 1,2-Dichloropropane-d6     | 6.12           | 67  | 48899      | 25.81   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 103.24% |      |      |
| 37) Toluene-d8                 | 7.36           | 98  | 146386     | 23.89   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 95.56%  |      |      |
| 38) trans-1,3-Dichloropropene- | 7.67           | 79  | 18947      | 19.48   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 77.92%  |      |      |
| 39) 2-Hexanone-d5              | 8.14           | 63  | 19001      | 36.06   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 72.12%  |      |      |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26          | 84  | 44728      | 21.60   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 86.40%  |      |      |
| 61) 1,2-Dichlorobenzene-d4     | 11.67          | 152 | 45089      | 23.91   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 95.64%  |      |      |

#### Target Compounds

|                        |      |    |       |       |      |        |
|------------------------|------|----|-------|-------|------|--------|
| 13) Acetone            | 2.21 | 43 | 5342m | 8.385 | ug/L | Qvalue |
| 16) Methylene chloride | 2.54 | 84 | 6178  | 2.918 | ug/L | 93     |

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