

Data File : VV013625.D

Operator : SY/MD

Misc : 25.0mL/MSVOA V/WATER

Instrument :

MSVOA\_V

**ClientSampleId :**

GAQH3

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

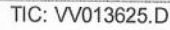
Response via : Initial Calibration

## Manual Integrations

**APPROVED**

MMDadoda

11/15/2019 9:38:18 AM



Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV111419\

Data File : VV013625.D

Acq On : 14 Nov 2019 17:16

Operator : SY/MD

Sample : K5856-16

Misc : 25.0mL/MSVOA V/WATER

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 15 04:23:50 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

Instrument :

MSVOA\_V

ClientSampleId :

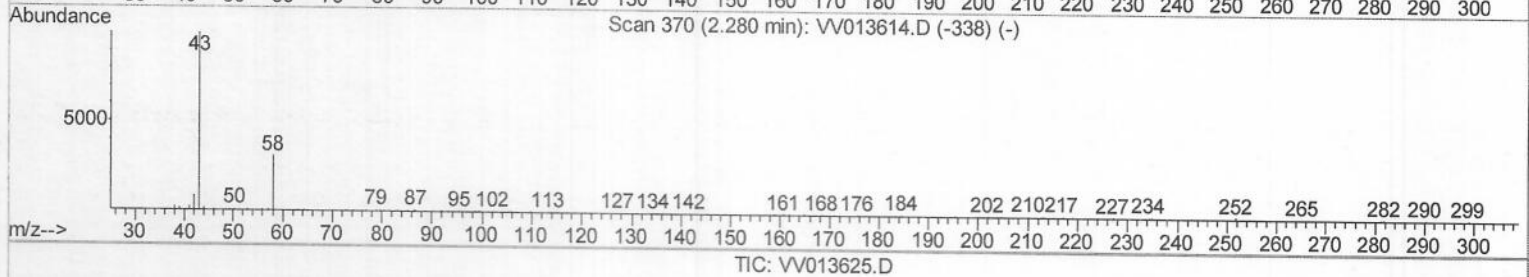
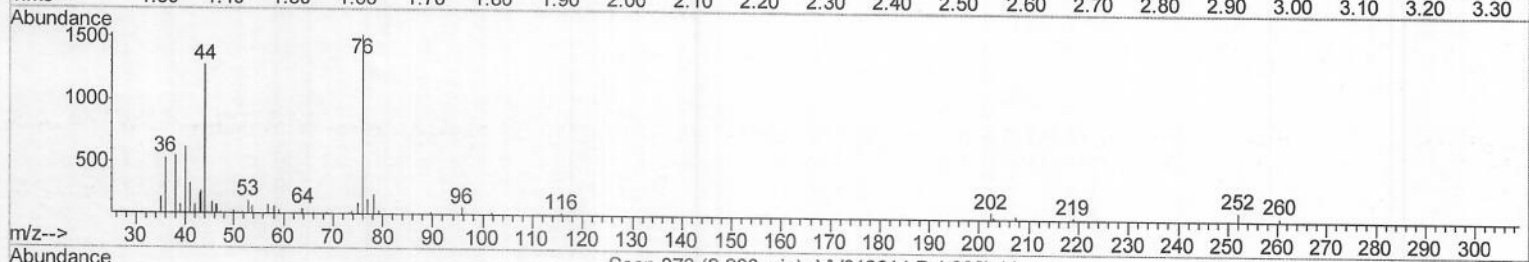
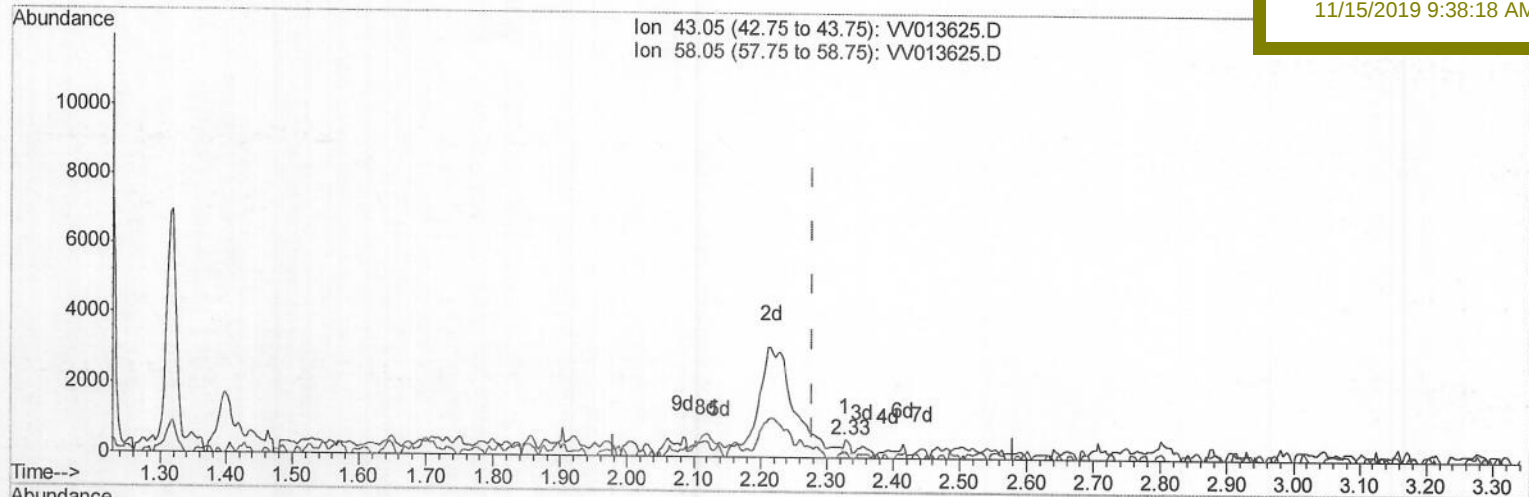
GAQH3

Manual Integrations

APPROVED

MMDadoda

11/15/2019 9:38:18 AM



(13) Acetone (T)

2.328min (+0.048) 0.09ug/L

response 236

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 43.05 | 100   | 100    |
| 58.05 | 14.40 | 55.93# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV111419\

Data File : VV013625.D

Acq On : 14 Nov 2019 17:16

Operator : SY/MD

Sample : K5856-16

Misc : 25.0mL/MSVOA V/WATER

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 15 04:23:50 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

Instrument :

MSVOA\_V

ClientSampleId :

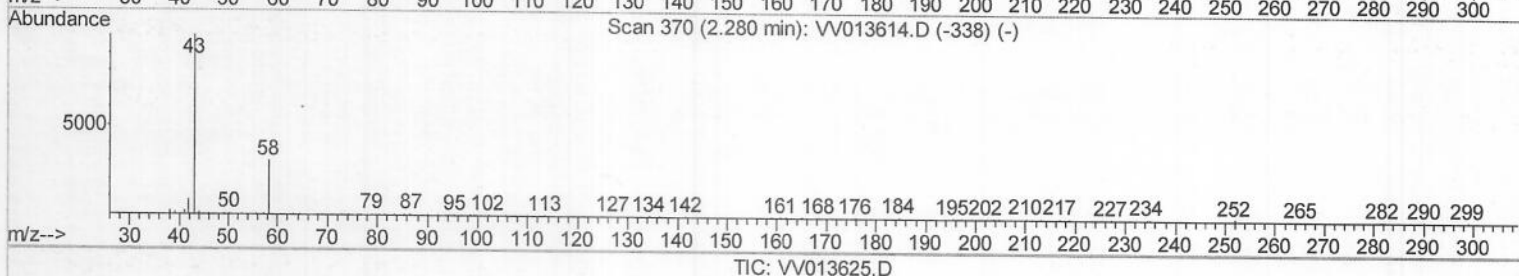
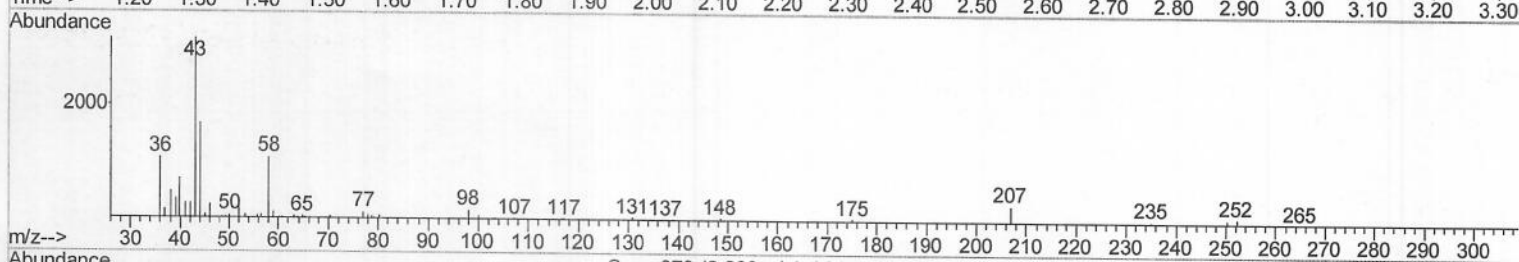
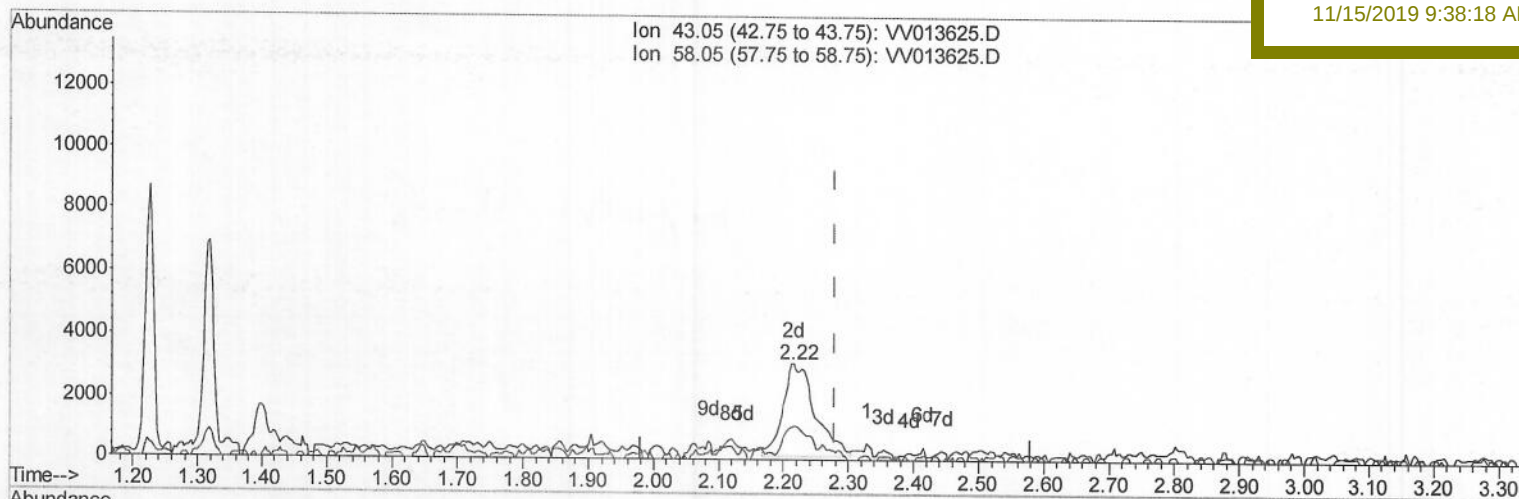
GAQH3

Manual Integrations

APPROVED

MMDadoda

11/15/2019 9:38:18 AM



(13) Acetone (T)

2.216min (-0.064) 4.23ug/L m

response 10544

| Ion   | Exp%  | Act% |
|-------|-------|------|
| 43.05 | 100   | 100  |
| 58.05 | 14.40 | 1.25 |
| 0.00  | 0.00  | 0.00 |
| 0.00  | 0.00  | 0.00 |

MD  
11/20/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\  
 Data File : VV013625.D  
 Acq On : 14 Nov 2019 17:16  
 Operator : SY/MD  
 Sample : K5856-16  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 15 12:11:40 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

Instrument :  
 MSVOA\_V  
 Client Sampled :  
 GAQH3

Manual Integrations  
 APPROVED

MMDadoda  
 11/15/2019 9:38:18 AM

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|----------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 334953   | 5.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 348618   | 5.00 | ug/L  | -0.02     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 151933   | 5.00 | ug/L  | 0.00      |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 108740   | 5.06     | ug/L | -0.03    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 101.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 95758    | 5.58     | ug/L | -0.03    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 111.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 141061   | 3.83     | ug/L | -0.03    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.60%   |
| 20) 2-Butanone-d5              | 3.96   | 46    | 253088   | 65.69    | ug/L | -0.07    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 131.38%# |
| 24) Chloroform-d               | 4.40   | 84    | 222226   | 6.02     | ug/L | -0.02    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 120.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 109841   | 6.10     | ug/L | -0.01    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 122.00%  |
| 32) Benzene-d6                 | 5.10   | 84    | 430045   | 5.12     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 134437   | 4.66     | ug/L | -0.02    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.20%   |
| 41) Toluene-d8                 | 7.36   | 98    | 358400   | 4.21     | ug/L | -0.04    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.20%   |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 48921    | 4.56     | ug/L | -0.03    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.20%   |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 191055   | 44.67    | ug/L | -0.02    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 89.34%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 92977    | 4.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.00%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 149008   | 5.56     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 111.20%  |

## Target Compounds

| Target Compounds         | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|--------------------------|-------|------|----------|-------|-------|--------|
| 13) Acetone              | 2.22  | 43   | 10544m   | 4.232 | ug/L  |        |
| 38) Bromodichloromethane | 6.55  | 83   | 4466     | 0.124 | ug/L  | # 83   |
| 42) Toluene              | 7.43  | 91   | 24300    | 0.220 | ug/L  | 94     |
| 51) Chlorobenzene        | 8.92  | 112  | 13405    | 0.185 | ug/L  | 96     |
| 63) 1,4-Dichlorobenzene  | 11.31 | 146  | 24570    | 0.489 | ug/L  | 97     |

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

MD  
 11/20/19