

# Quantitation Report (Qedit)

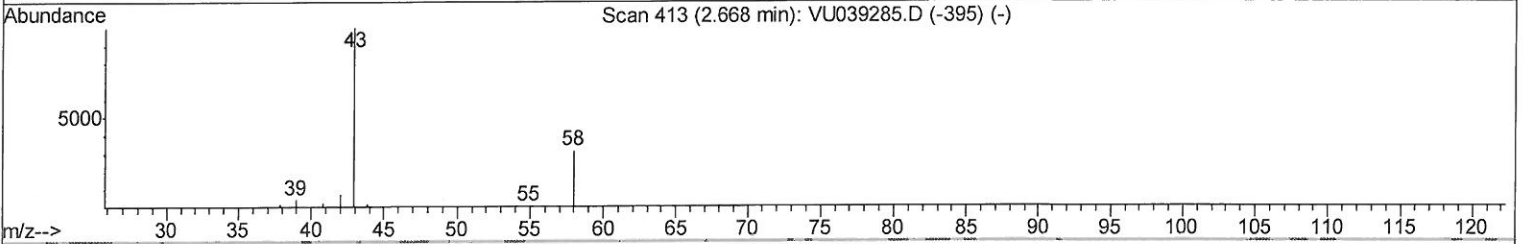
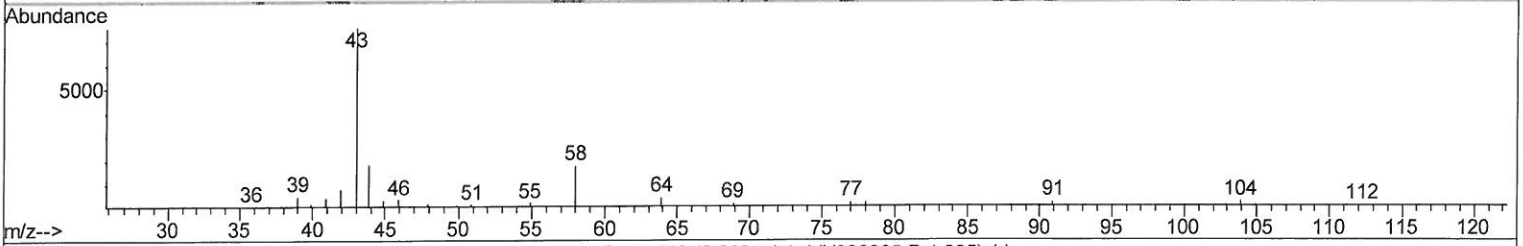
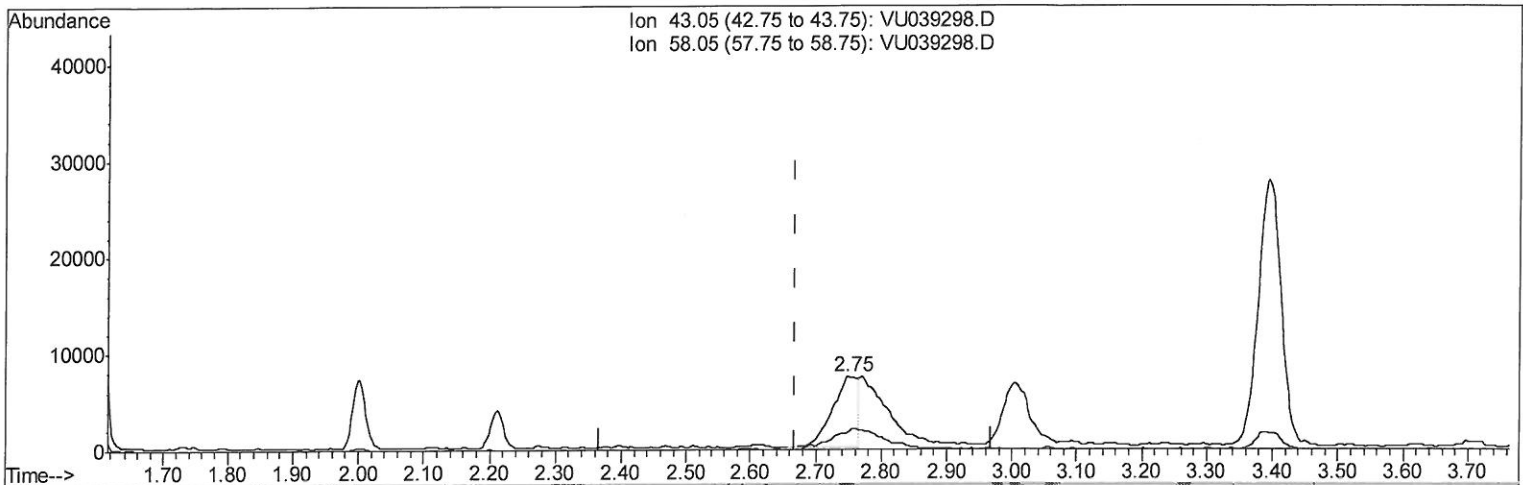
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\  
 Data File : VU039298.D  
 Acq On : 06 Jul 2020 17:56  
 Operator : SY/MD  
 Sample : L3193-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 H4277

**Manual Integrations**  
**APPROVED**

MMDadoda  
 7/8/2020 2:52:48 PM

Quant Time: Jul 07 01:20:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jul 07 01:17:04 2020  
 Response via : Initial Calibration



TIC: VU039298.D

(13) Acetone (T)

2.748min (+0.080) 12.55ug/L

response 19307

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.05 | 100   | 100   |
| 58.05 | 31.80 | 53.08 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

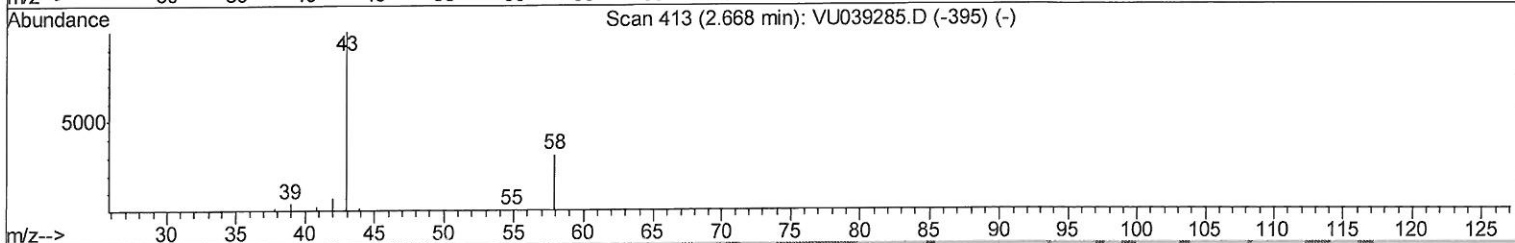
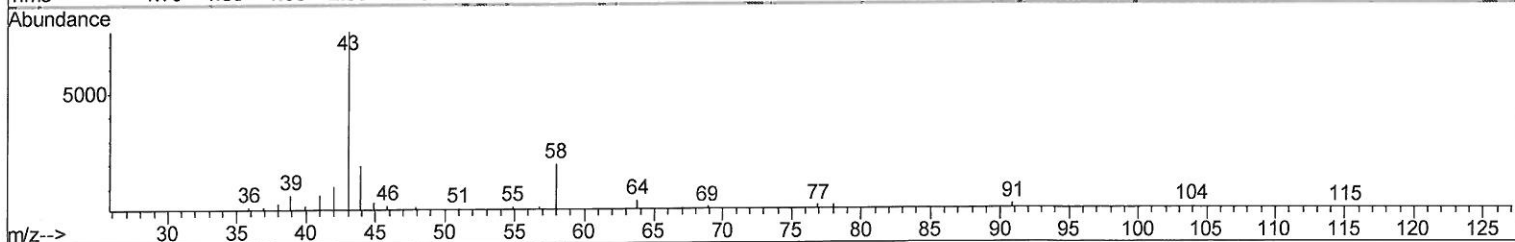
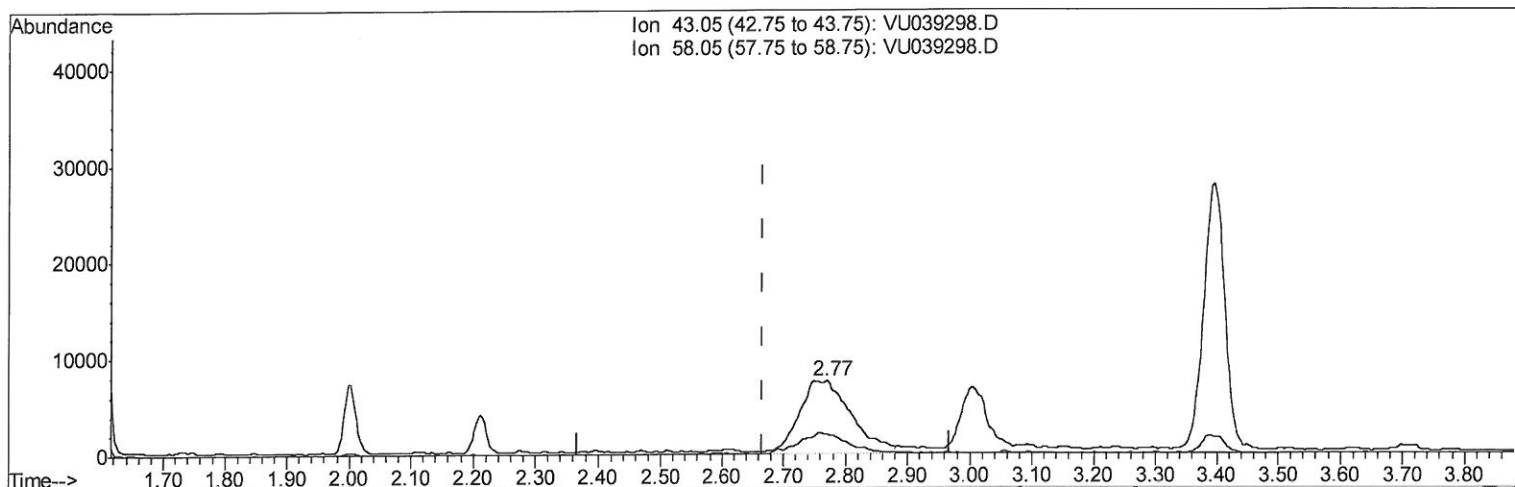
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\  
 Data File : VU039298.D  
 Acq On : 06 Jul 2020 17:56  
 Operator : SY/MD  
 Sample : L3193-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4277

Manual Integrations  
 APPROVED

MMDadoda  
 7/8/2020 2:52:48 PM

Quant Time: Jul 07 01:20:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jul 07 01:17:04 2020  
 Response via : Initial Calibration



TIC: VU039298.D

(13) Acetone (T)

2.771min (+0.103) 28.79ug/L m

response 44282

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.05 | 100   | 100   |
| 58.05 | 31.80 | 23.14 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

207/08/20 Sy

# Quantitation Report (Qedit)

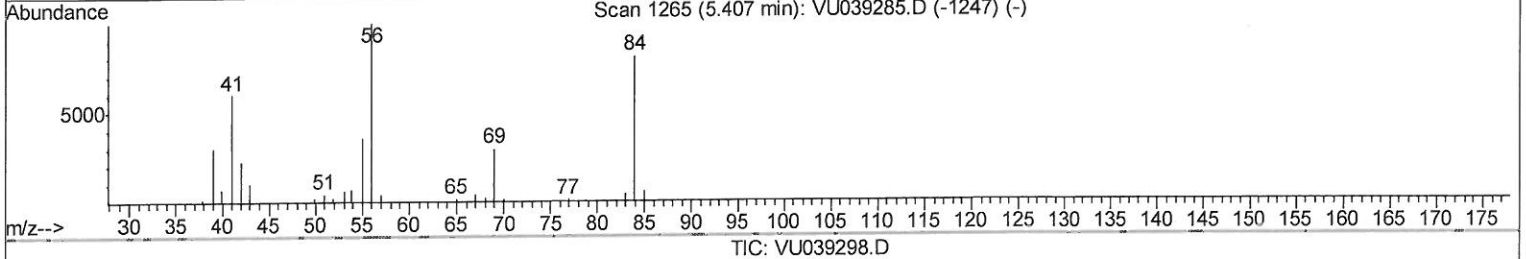
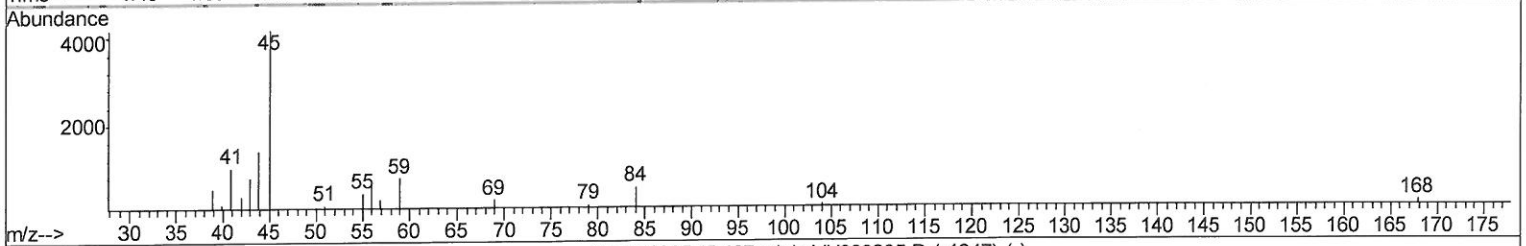
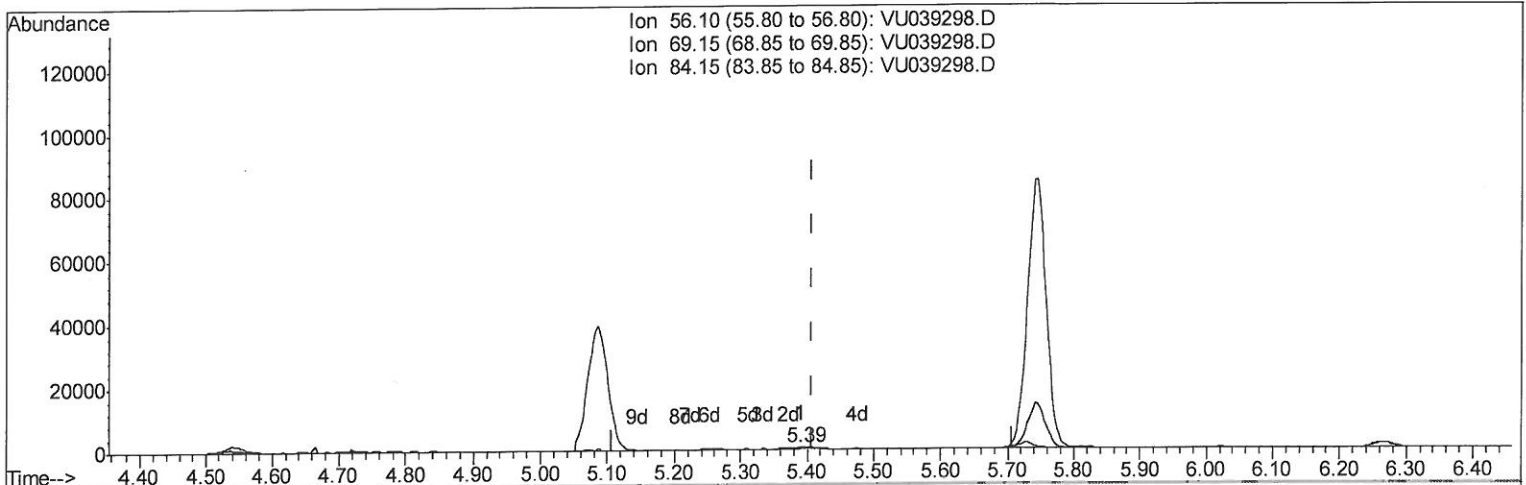
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\  
 Data File : VU039298.D  
 Acq On : 06 Jul 2020 17:56  
 Operator : SY/MD  
 Sample : L3193-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 H4277

**Manual Integrations**  
**APPROVED**

MMDadoda  
 7/8/2020 2:52:48 PM

Quant Time: Jul 07 01:20:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jul 07 01:17:04 2020  
 Response via : Initial Calibration



(30) Cyclohexane (T)

5.391min (-0.016) 0.13ug/L

response 1628

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 56.10 | 100   | 100    |
| 69.15 | 30.30 | 40.48# |
| 84.15 | 83.70 | 82.68  |
| 0.00  | 0.00  | 0.00   |

# Quantitation Report (Qedit)

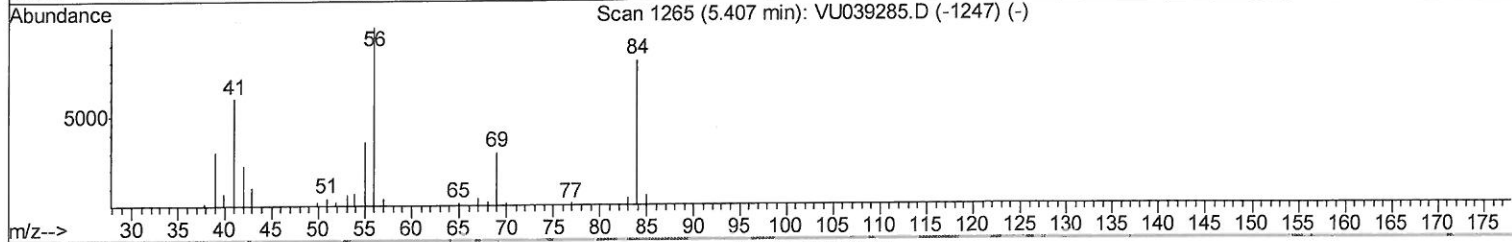
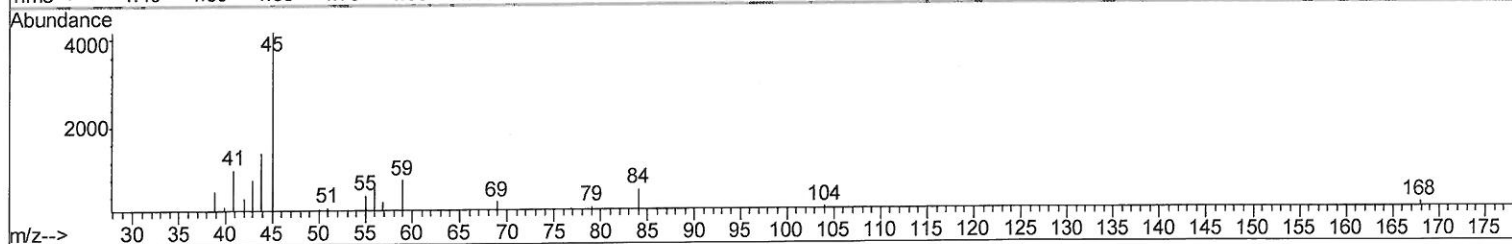
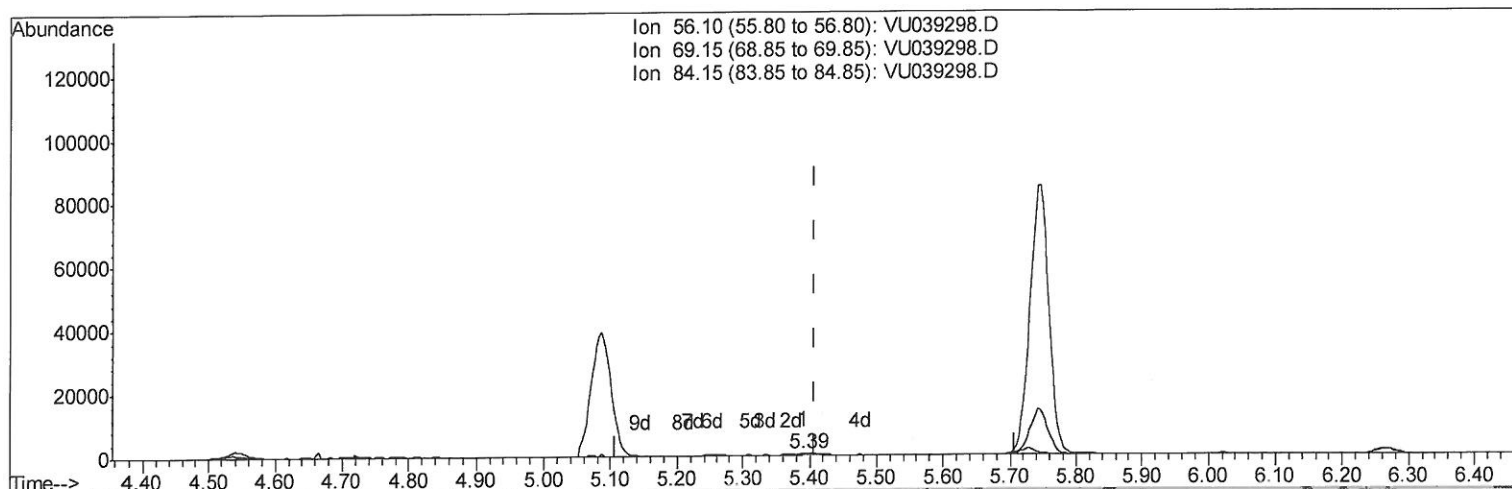
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\  
 Data File : VU039298.D  
 Acq On : 06 Jul 2020 17:56  
 Operator : SY/MD  
 Sample : L3193-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4277

Manual Integrations  
 APPROVED

MMDadoda  
 7/8/2020 2:52:48 PM

Quant Time: Jul 07 01:20:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jul 07 01:17:04 2020  
 Response via : Initial Calibration



TIC: VU039298.D

(30) Cyclohexane (T)

5.391min (-0.016) 0.17ug/L m

> 0.7/08/2020

response 2059

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 56.10 | 100   | 100    |
| 69.15 | 30.30 | 32.01  |
| 84.15 | 83.70 | 65.37# |
| 0.00  | 0.00  | 0.00   |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\  
 Data File : VU039298.D  
 Acq On : 06 Jul 2020 17:56  
 Operator : SY/MD  
 Sample : L3193-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 H4277

Manual Integrations  
 APPROVED

MMDadoda  
 7/8/2020 2:52:48 PM

Quant Time: Jul 07 02:41:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jul 07 01:17:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.27  | 114  | 112136   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 105870   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 50872    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |           |      |
|--------------------------------|--------|-------|----------|----------|-----------|------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 51900    | 6.02     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | = 120.40% |      |
| 7) Chloroethane-d5             | 1.92   | 69    | 43711    | 5.30     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | = 106.00% |      |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 85392    | 5.33     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | = 106.60% |      |
| 20) 2-Butanone-d5              | 4.72   | 46    | 182339   | 56.10    | ug/L      | 0.06 |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | = 112.20% |      |
| 24) Chloroform-d               | 5.09   | 84    | 83910    | 5.08     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | = 101.60% |      |
| 26) 1,2-Dichloroethane-d4      | 5.73   | 65    | 49055    | 4.80     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | = 96.00%  |      |
| 32) Benzene-d6                 | 5.74   | 84    | 167929   | 5.16     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | = 103.20% |      |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 57222    | 5.29     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | = 105.80% |      |
| 41) Toluene-d8                 | 7.91   | 98    | 155340   | 5.19     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | = 103.80% |      |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 23595    | 4.71     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | = 94.20%  |      |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 139981   | 53.05    | ug/L      | 0.00 |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | = 106.10% |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 49861    | 4.83     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | = 96.60%  |      |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 58031    | 5.05     | ug/L      | 0.00 |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | = 101.00% |      |

## Target Compounds

|                              |       |     |        |         | Ovalue |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| 5) Vinyl chloride            | 1.61  | 62  | 178573 | 21.374  | ug/L # | 65  |
| 13) Acetone                  | 2.77  | 43  | 44282m | 28.793  | ug/L   | 65  |
| 14) Carbon disulfide         | 2.81  | 76  | 4917   | 0.243   | ug/L # | 87  |
| 15) Methyl Acetate           | 3.01  | 43  | 17924  | 4.658   | ug/L   | 98  |
| 17) Methyl tert-butyl Ether  | 3.39  | 73  | 275124 | 13.166  | ug/L   | 97  |
| 18) trans-1,2-Dichloroethene | 3.37  | 96  | 39513  | 5.721   | ug/L   | 98  |
| 19) 1,1-Dichloroethane       | 3.89  | 63  | 27586  | 1.994   | ug/L   | 95  |
| 21) 2-Butanone               | 4.80  | 43  | 273414 | 97.677  | ug/L   | 97  |
| 22) cis-1,2-Dichloroethene   | 4.69  | 96  | 903770 | 114.845 | ug/L   | 92  |
| 30) Cyclohexane              | 5.39  | 56  | 2059m  | 0.169   | ug/L   | 100 |
| 33) Benzene                  | 5.79  | 78  | 25485  | 0.854   | ug/L   | 100 |
| 34) Trichloroethene          | 6.56  | 95  | 22558  | 2.932   | ug/L   | 97  |
| 42) Toluene                  | 7.98  | 91  | 6702   | 0.206   | ug/L   | 99  |
| 53) m,p-Xylene               | 9.69  | 106 | 1347   | 0.099   | ug/L   | 85  |
| 54) o-Xylene                 | 10.10 | 106 | 1014   | 0.075   | ug/L   | 97  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\  
Data File : VU039298.D  
Acq On : 06 Jul 2020 17:56  
Operator : SY/MD  
Sample : L3193-12  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
H4277

Manual Integrations  
APPROVED

MMDadoda  
7/8/2020 2:52:48 PM

Quant Time: Jul 07 02:41:40 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070620WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Jul 07 01:17:04 2020  
Response via : Initial Calibration

| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\  
Data File : VU039298.D  
Acq On : 06 Jul 2020 17:56  
Operator : SY/MD  
Sample : L3193-12  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
H4277

Manual Integrations  
APPROVED

MMDadoda  
7/8/2020 2:52:48 PM

Quant Time: Jul 07 02:41:40 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070620WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Jul 07 01:17:04 2020  
Response via : Initial Calibration

