

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\  
 Data File : VU038601.D  
 Acq On : 06 Jun 2020 04:50  
 Operator : SY/MD  
 Sample : L2910-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D21

Manual Integrations  
 APPROVED

MMDadoda  
 6/8/2020 1:47:49 PM

Quant Time: Jun 06 07:00:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jun 06 06:21:54 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 302862   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 296932   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 140226   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 61944    | 3.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 63.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 59236    | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 78.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 105825   | 2.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 54.80%# |
| 20) 2-Butanone-d5              | 4.68   | 46    | 314036   | 52.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.48% |
| 24) Chloroform-d               | 5.10   | 84    | 169382   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 101488   | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.00%  |
| 32) Benzene-d6                 | 5.76   | 84    | 327550   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 105248   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.40%  |
| 41) Toluene-d8                 | 7.92   | 98    | 278413   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 39720    | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.00%  |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 271553   | 56.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 112.18% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 94781    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 117551   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.20%  |

## Target Compounds

|                          |      |    |       |       | Ovalue |
|--------------------------|------|----|-------|-------|--------|
| 13) Acetone              | 2.67 | 43 | 5746m | 1.475 | ug/L   |
| 16) Methylene chloride   | 3.08 | 84 | 5376  | 0.255 | ug/L   |
| 27) 1,2-Dichloroethane   | 5.83 | 62 | 5763  | 0.224 | ug/L # |
| 38) Bromodichloromethane | 7.14 | 83 | 6985  | 0.270 | ug/L   |

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

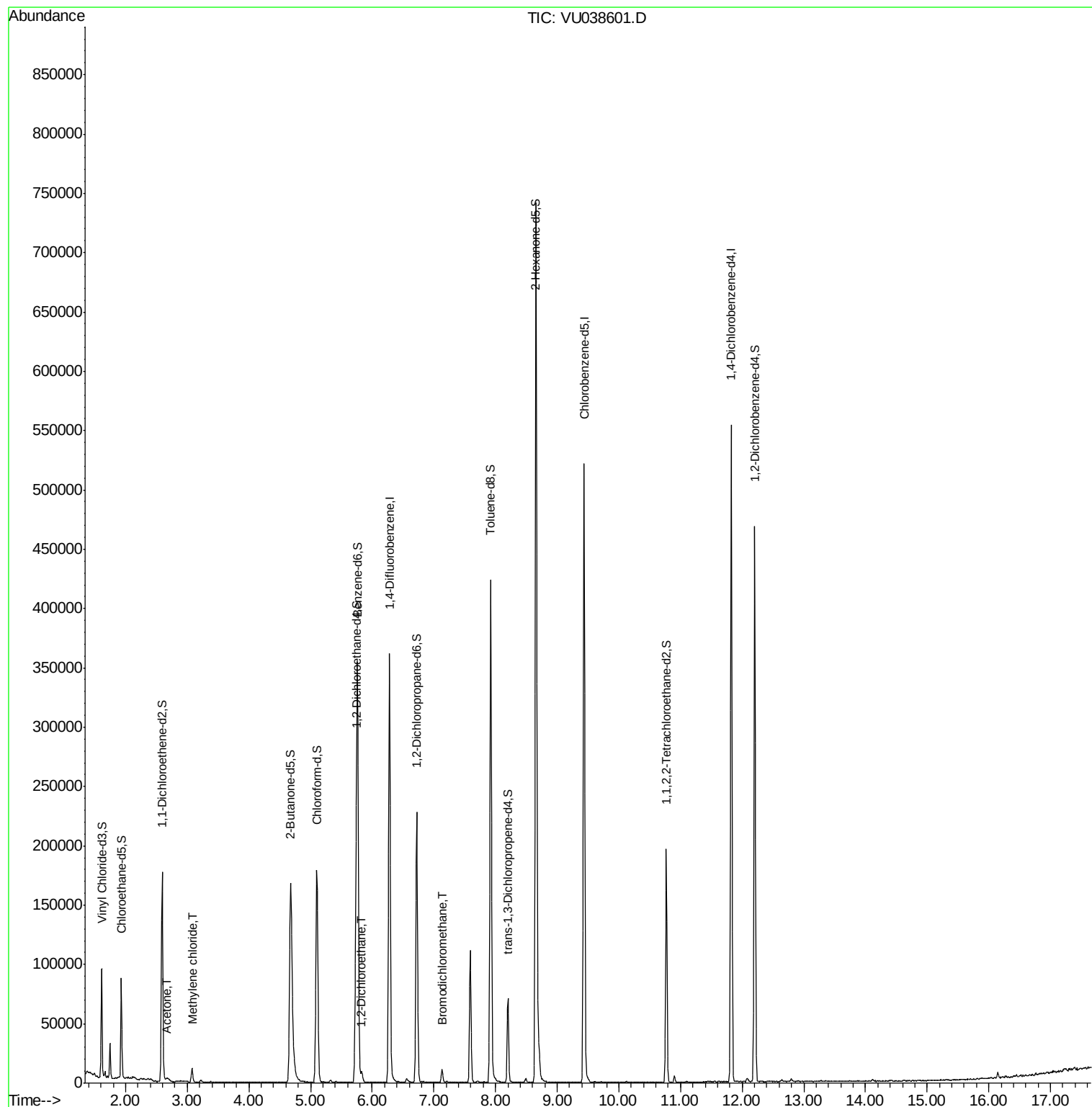
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060520\  
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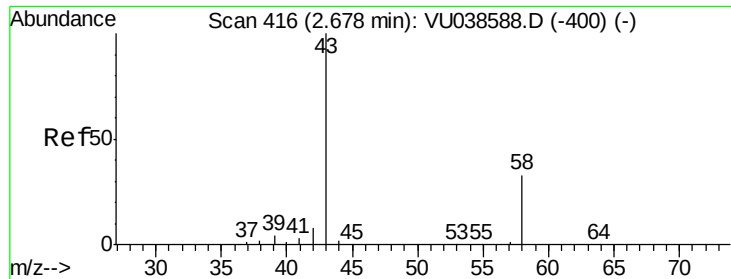
Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jun 06 06:21:54 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 1.475 ug/L m

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038601.D

Acq: 06 Jun 2020 04:50

Instrument :

MSVOA\_U

ClientSampleId :

F9D21

Tot Ion: 43 Resp: 5746

Ion Ratio Lower Upper

43 100

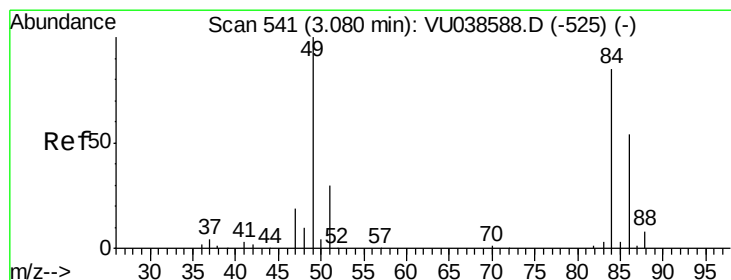
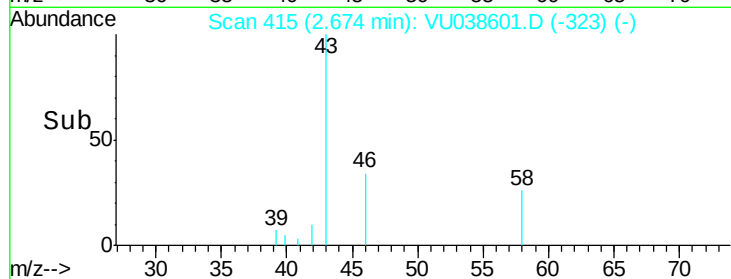
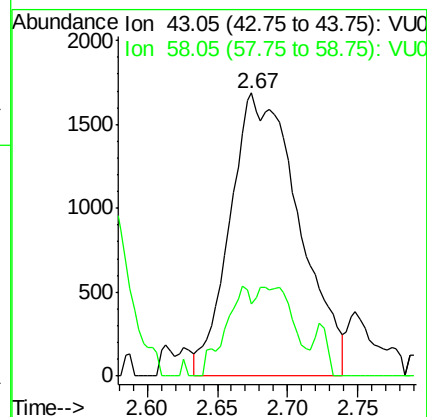
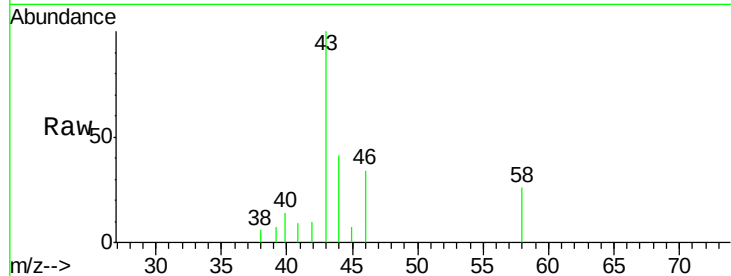
58 12.2 0.0 65.6

Manual Integrations

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6/8/2020 1:47:49 PM



#16

Methylene chloride

Concen: 0.255 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038601.D

Acq: 06 Jun 2020 04:50

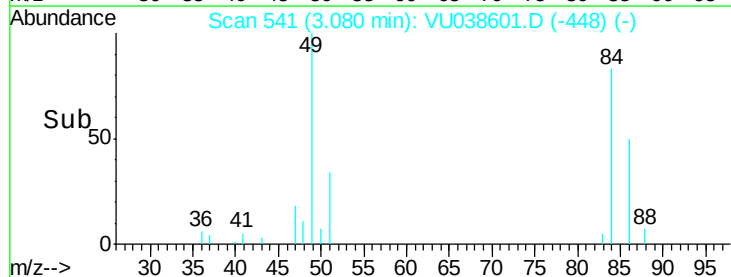
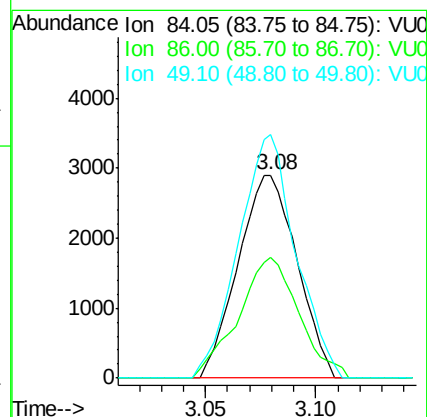
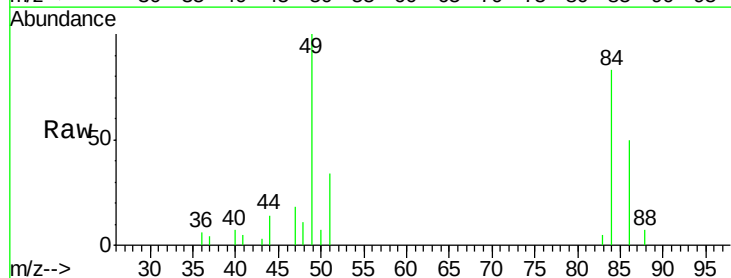
Tgt Ion: 84 Resp: 5376

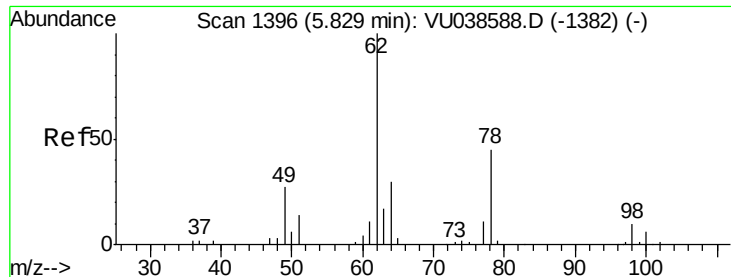
Ion Ratio Lower Upper

84 100

86 59.4 45.0 83.6

49 119.8 85.5 158.9





#27

1,2-Dichloroethane

Concen: 0.224 ug/L

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038601.D

Acq: 06 Jun 2020 04:50

Instrument :

MSVOA\_U

ClientSampleId :

F9D21

Tot Ion: 62 Resp: 5763

Ion Ratio Lower Upper

62 100

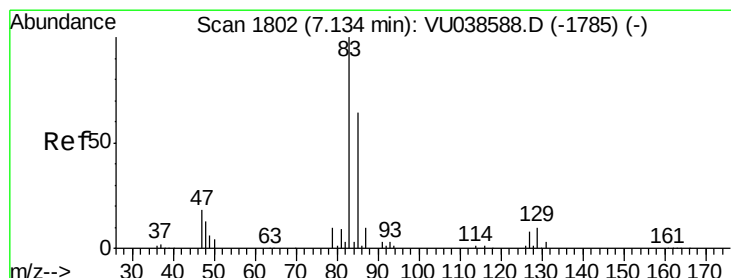
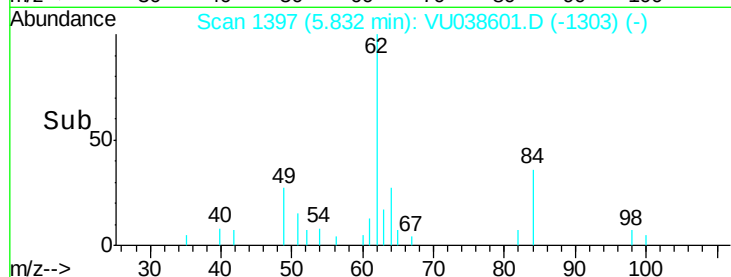
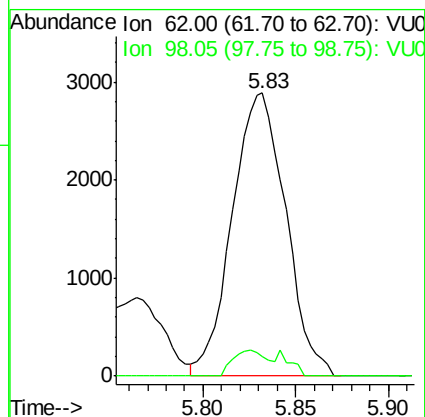
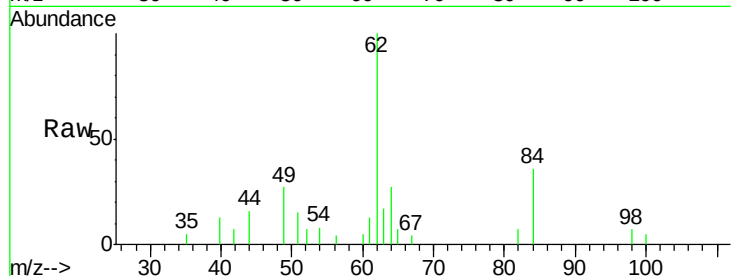
98 6.8 7.4 11.2#

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#38

Bromodichloromethane

Concen: 0.270 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU038601.D

Acq: 06 Jun 2020 04:50

Tgt Ion: 83 Resp: 6985

Ion Ratio Lower Upper

83 100

85 62.7 44.7 83.1

127 8.2 6.8 10.2

