

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\  
 Data File : VU040314.D  
 Acq On : 25 Sep 2020 20:57  
 Operator : SY/MD  
 Sample : L4139-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG4A0

Quant Time: Sep 26 07:30:14 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Sep 26 06:44:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 119914   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 125119   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 53674    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 30591    | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.40%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 29755    | 5.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 109.20% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 50710    | 3.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.40%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 152912   | 58.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 116.78% |
| 24) Chloroform-d               | 5.08   | 84    | 71710    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 44876    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.00%  |
| 32) Benzene-d6                 | 5.74   | 84    | 132432   | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 45513    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.60%  |
| 41) Toluene-d8                 | 7.91   | 98    | 105223   | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.80%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 16364    | 3.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.00%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 105791   | 50.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 100.98% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 39675    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 42867    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.80%  |

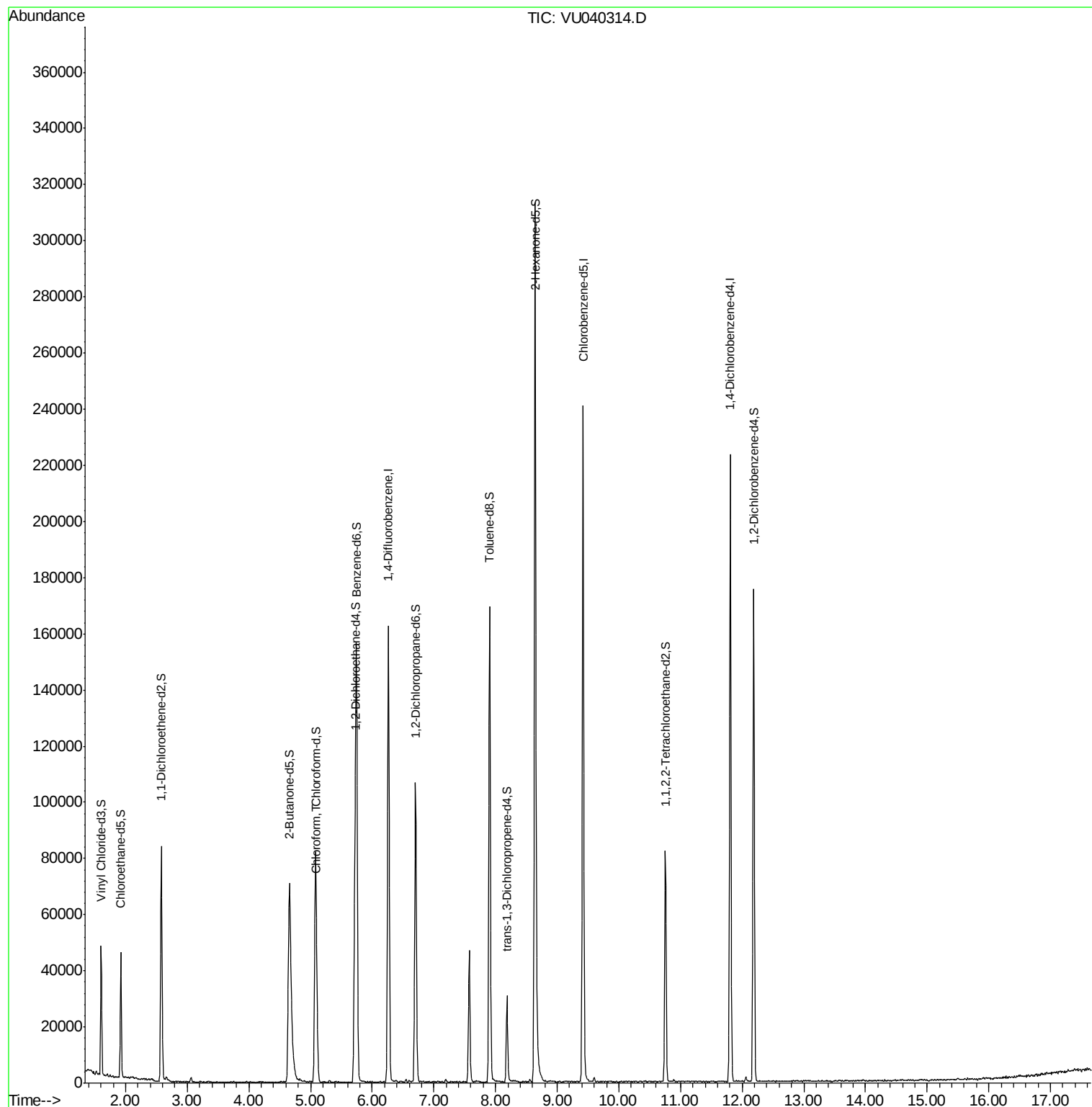
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 5.11 | 83 | 8214 | 0.390 ug/L | 99     |

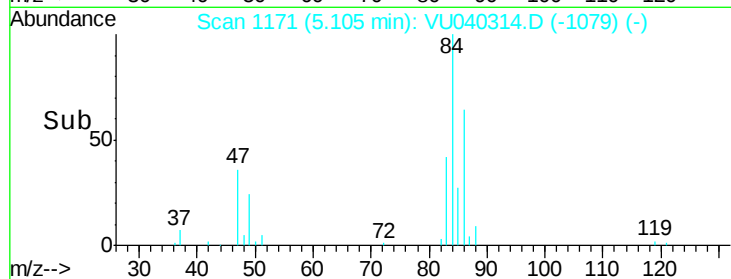
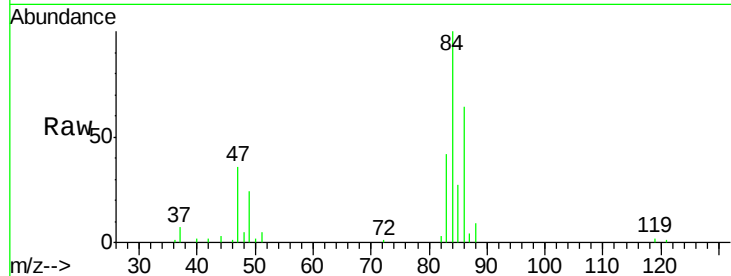
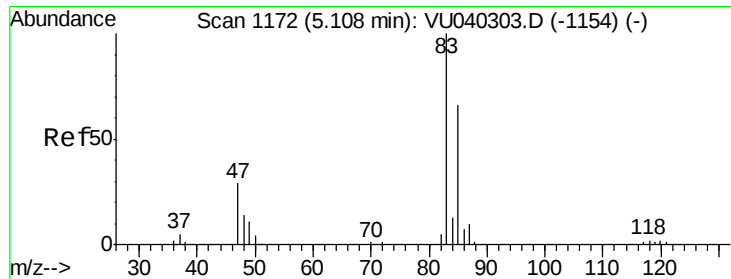
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092620\  
Data File : VU040314.D  
Acq On : 25 Sep 2020 20:57  
Operator : SY/MD  
Sample : L4139-02  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BG4A0

Quant Time: Sep 26 07:30:14 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Sep 26 06:44:13 2020  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.390 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040314.D

Acq: 25 Sep 2020 20:57

Instrument :

MSVOA\_U

ClientSampleId :

BG4A0

Tot Ion: 83 Resp: 8214

Ion Ratio Lower Upper

83 100

85 65.3 45.3 84.1

