

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\  
 Data File : VU040481.D  
 Acq On : 03 Oct 2020 15:55  
 Operator : SY/MD  
 Sample : L4185-11  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AT1

Quant Time: Oct 05 01:23:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR092920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Oct 05 00:56:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 129642   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 128251   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 58584    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 32455    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 101.20% |
| 7) Chloroethane-d5             | 1.93   | 69    | 27406    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 53630    | 3.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.60%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 138772   | 43.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 87.06%  |
| 24) Chloroform-d               | 5.08   | 84    | 71266    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 44482    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%  |
| 32) Benzene-d6                 | 5.74   | 84    | 133573   | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.60% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 46129    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                 | 7.91   | 98    | 109244   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 17934    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 92723    | 40.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.90%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 39309    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 45303    | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.00% |

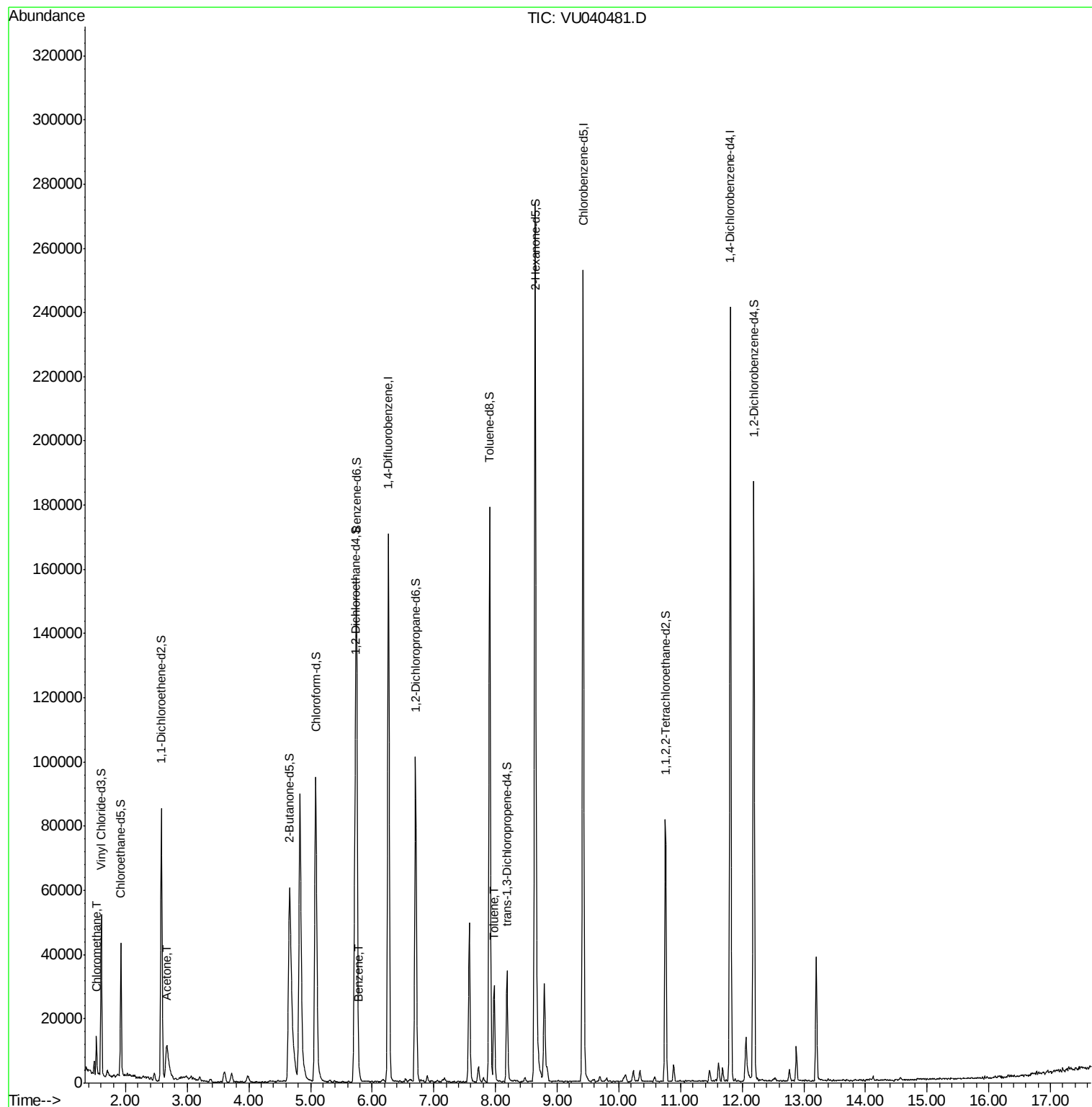
| Target Compounds |      |    |       |             | Ovalue |
|------------------|------|----|-------|-------------|--------|
| 3) Chloromethane | 1.53 | 50 | 7965  | 0.625 ug/L  | 99     |
| 13) Acetone      | 2.67 | 43 | 29262 | 11.015 ug/L | 91     |
| 33) Benzene      | 5.79 | 78 | 2214  | 0.051 ug/L  | 100    |
| 42) Toluene      | 7.98 | 91 | 19888 | 0.451 ug/L  | 93     |

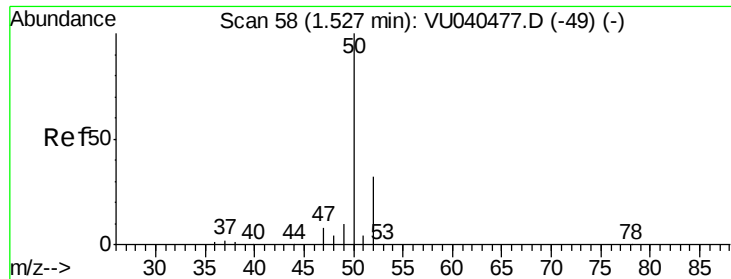
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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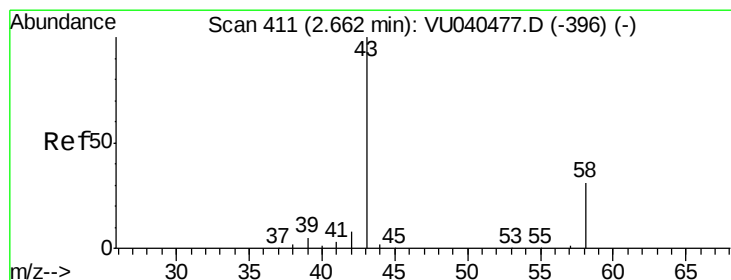
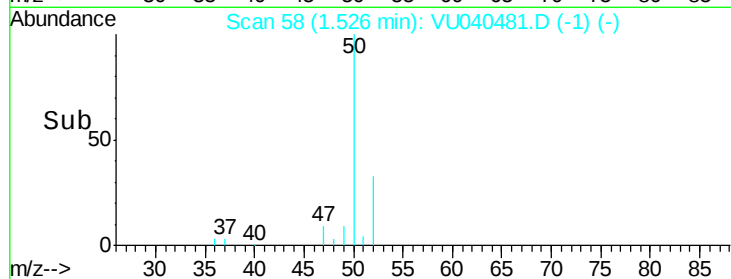
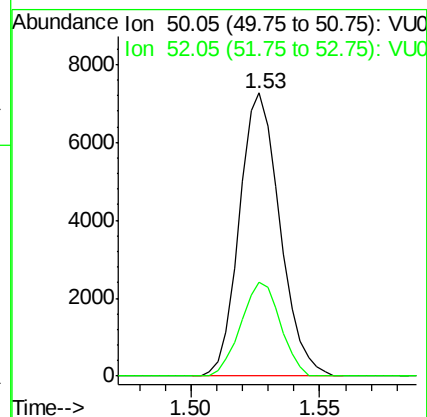
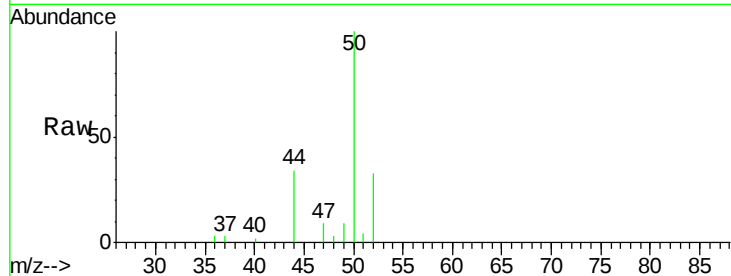




#3  
Chloromethane  
Concen: 0.625 ug/L  
RT: 1.53 min Scan# 58  
Delta R.T. -0.00 min  
Lab File: VU040481.D  
Acq: 03 Oct 2020 15:55

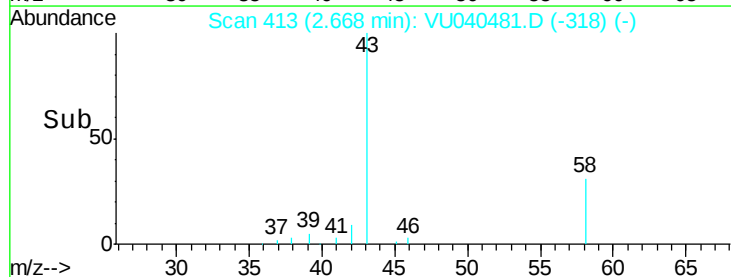
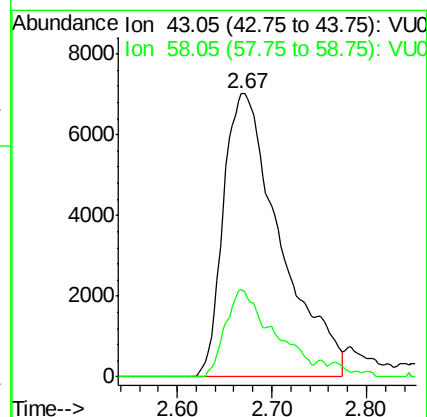
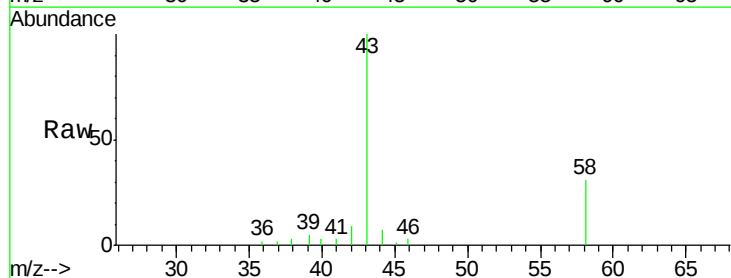
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AT1

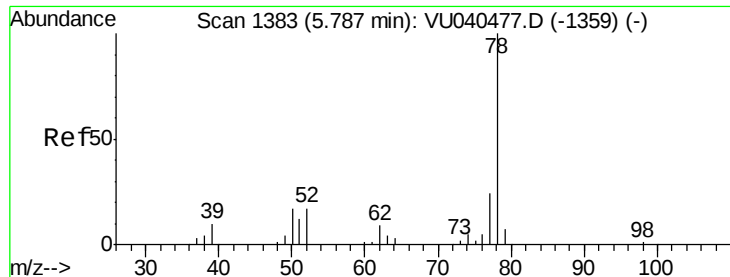
Tot Ion: 50 Resp: 7965  
Ion Ratio Lower Upper  
50 100  
52 33.1 23.0 42.6



#13  
Acetone  
Concen: 11.015 ug/L  
RT: 2.67 min Scan# 413  
Delta R.T. 0.01 min  
Lab File: VU040481.D  
Acq: 03 Oct 2020 15:55

Tgt Ion: 43 Resp: 29262  
Ion Ratio Lower Upper  
43 100  
58 26.2 0.0 61.8





#33

Benzene

Concen: 0.051 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040481.D

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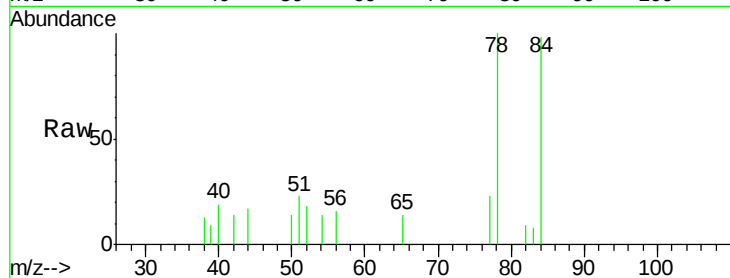
Instrument :

MSVOA\_U

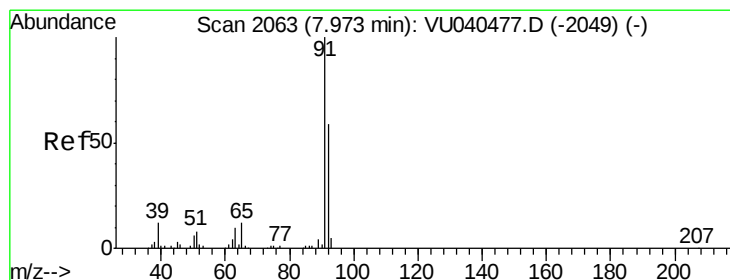
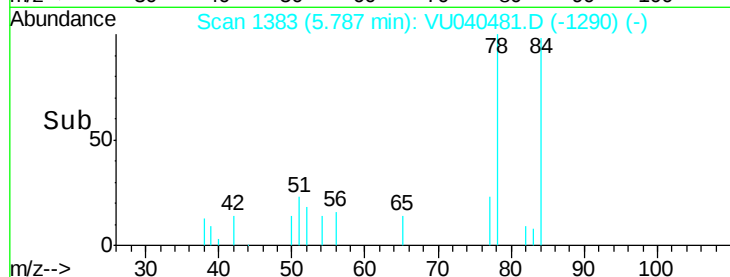
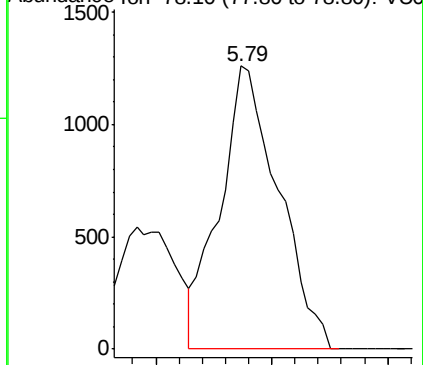
ClientSampleId :

C0AT1

Tgt Ion: 78 Resp: 2214



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.451 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040481.D

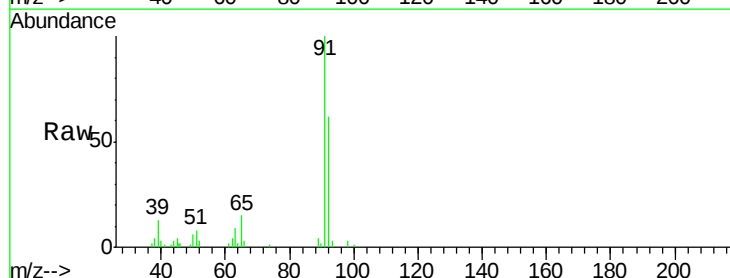
Acq: 03 Oct 2020 15:55

Tgt Ion: 91 Resp: 19888

Ion Ratio Lower Upper

91 100

92 62.4 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

