

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\  
 Data File : VU039950.D  
 Acq On : 24 Aug 2020 16:35  
 Operator : SY/MD  
 Sample : L3767-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSS3

Quant Time: Aug 25 02:19:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR081920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Aug 25 02:02:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 69162    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 64543    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 28882    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 25708    | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 22169    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 37712    | 3.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.60%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 74369    | 38.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 77.04%  |
| 24) Chloroform-d               | 5.08   | 84    | 48487    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 29545    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.60%  |
| 32) Benzene-d6                 | 5.75   | 84    | 98104    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.20% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 32838    | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.60% |
| 41) Toluene-d8                 | 7.91   | 98    | 82851    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.40%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 12143    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 56520    | 41.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.74%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 23130    | 4.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 82.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 29700    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.20% |

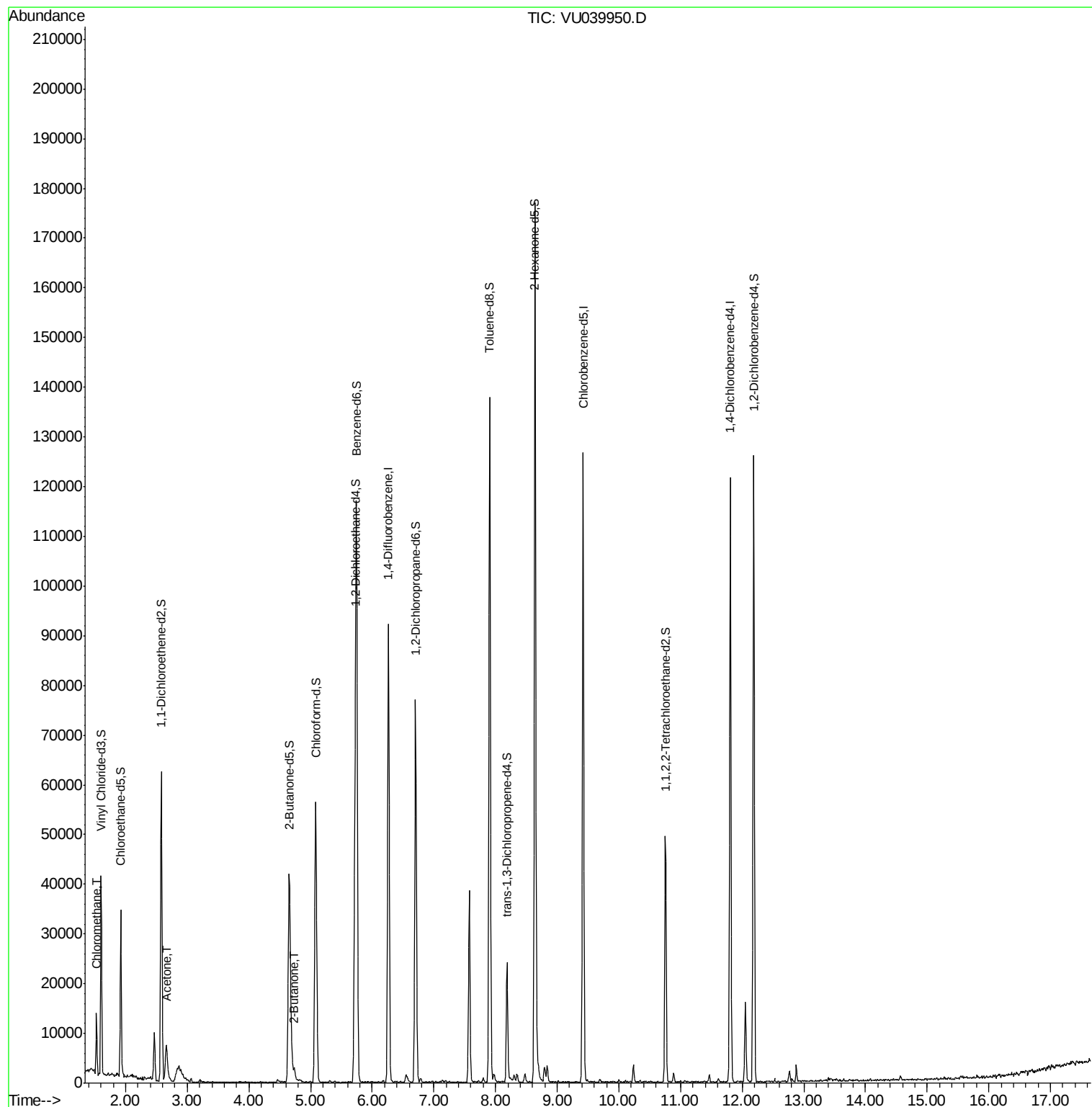
| Target Compounds |      |    |       |               | Ovalue |
|------------------|------|----|-------|---------------|--------|
| 3) Chloromethane | 1.53 | 50 | 8646  | 1.063 ug/L    | 98     |
| 13) Acetone      | 2.66 | 43 | 13476 | 10.215 ug/L # | 48     |
| 21) 2-Butanone   | 4.74 | 43 | 3337  | 1.456 ug/L    | 89     |

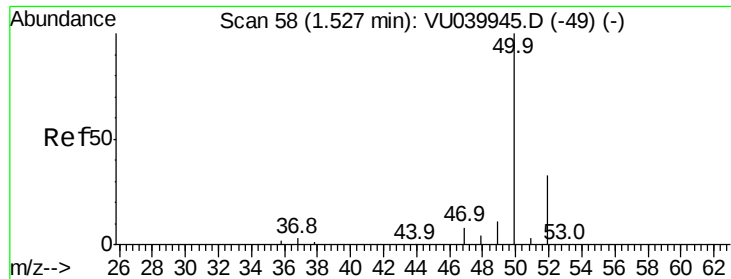
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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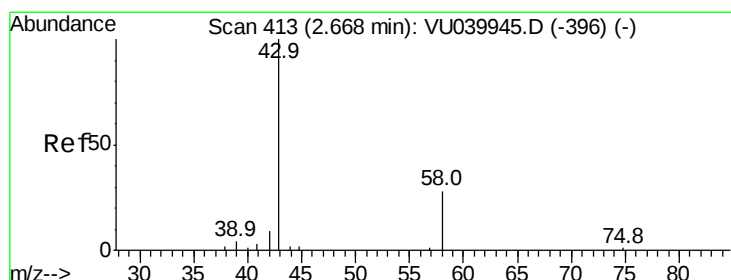
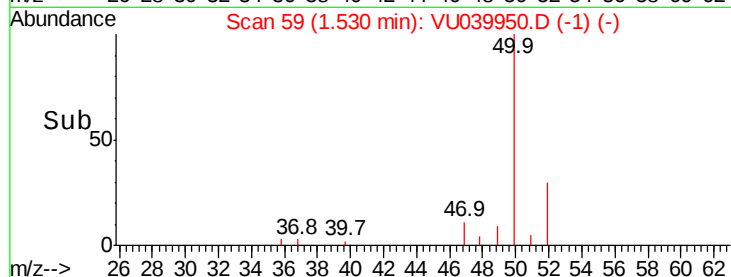
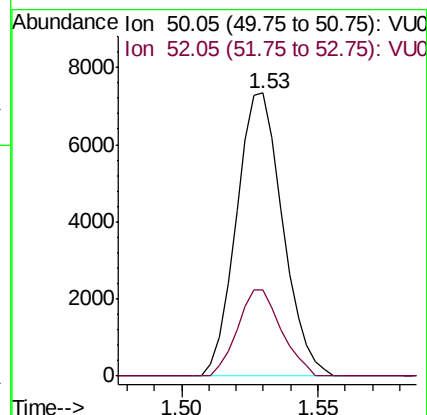
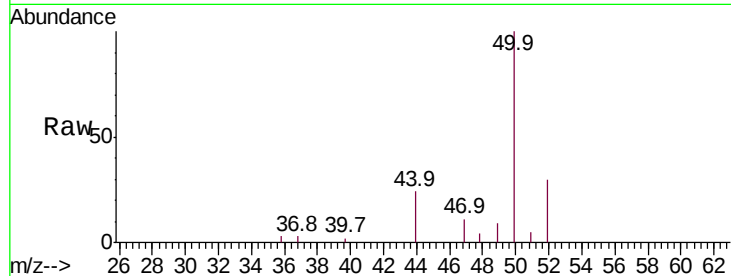




#3  
Chloromethane  
Concen: 1.063 ug/L  
RT: 1.53 min Scan# 59  
Delta R.T. 0.00 min  
Lab File: VU039950.D  
Acq: 24 Aug 2020 16:35

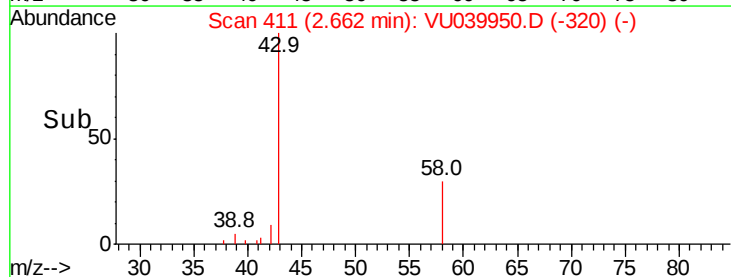
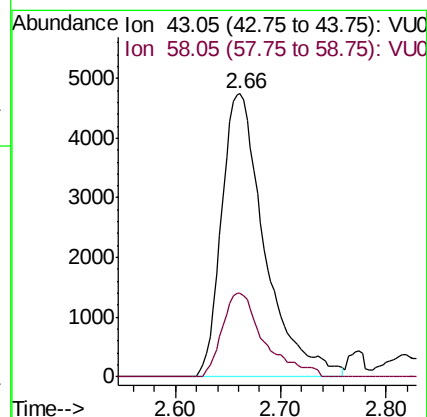
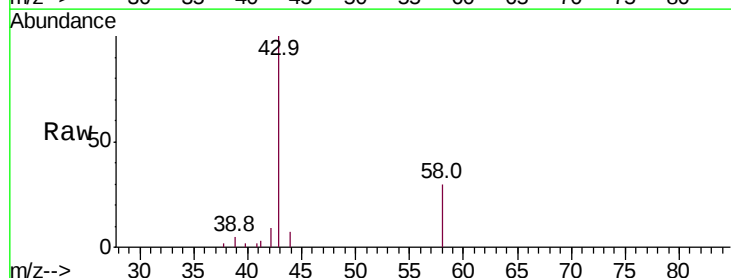
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFSS3

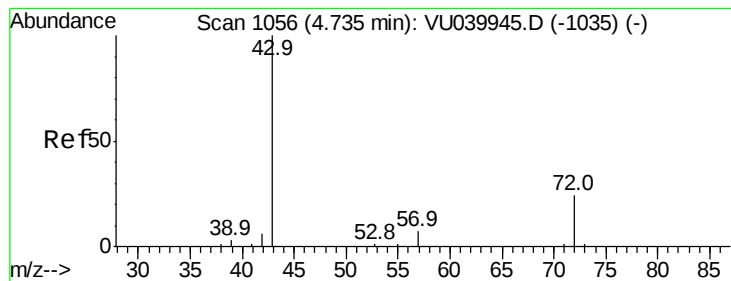
Tot Ion: 50 Resp: 8646  
Ion Ratio Lower Upper  
50 100  
52 30.4 21.9 40.7



#13  
Acetone  
Concen: 10.215 ug/L  
RT: 2.66 min Scan# 411  
Delta R.T. -0.01 min  
Lab File: VU039950.D  
Acq: 24 Aug 2020 16:35

Tgt Ion: 43 Resp: 13476  
Ion Ratio Lower Upper  
43 100  
58 28.7 0.0 19.0#





#21  
 2-Butanone  
 Concen: 1.456 ug/L  
 RT: 4.74 min Scan# 1056  
 Delta R.T. 0.00 min  
 Lab File: VU039950.D  
 Acq: 24 Aug 2020 16:35

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSS3

Tot Ion: 43 Resp: 3337  
 Ion Ratio Lower Upper  
 43 100  
 72 19.6 12.7 38.0

