

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\  
 Data File : VU039924.D  
 Acq On : 21 Aug 2020 13:14  
 Operator : SY/MD  
 Sample : L3767-03  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFS4

Quant Time: Aug 22 01:14:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR081920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Aug 22 00:45:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 91330    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 87978    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 38994    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 32064    | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.40%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 29679    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 43899    | 2.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.80%# |
| 20) 2-Butanone-d5              | 4.65   | 46    | 115855   | 45.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.88%  |
| 24) Chloroform-d               | 5.08   | 84    | 65718    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 38410    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.20%  |
| 32) Benzene-d6                 | 5.74   | 84    | 121877   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 41941    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.00%  |
| 41) Toluene-d8                 | 7.91   | 98    | 99787    | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.00%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 15155    | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 86130    | 46.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.62%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 34391    | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 40991    | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.60% |

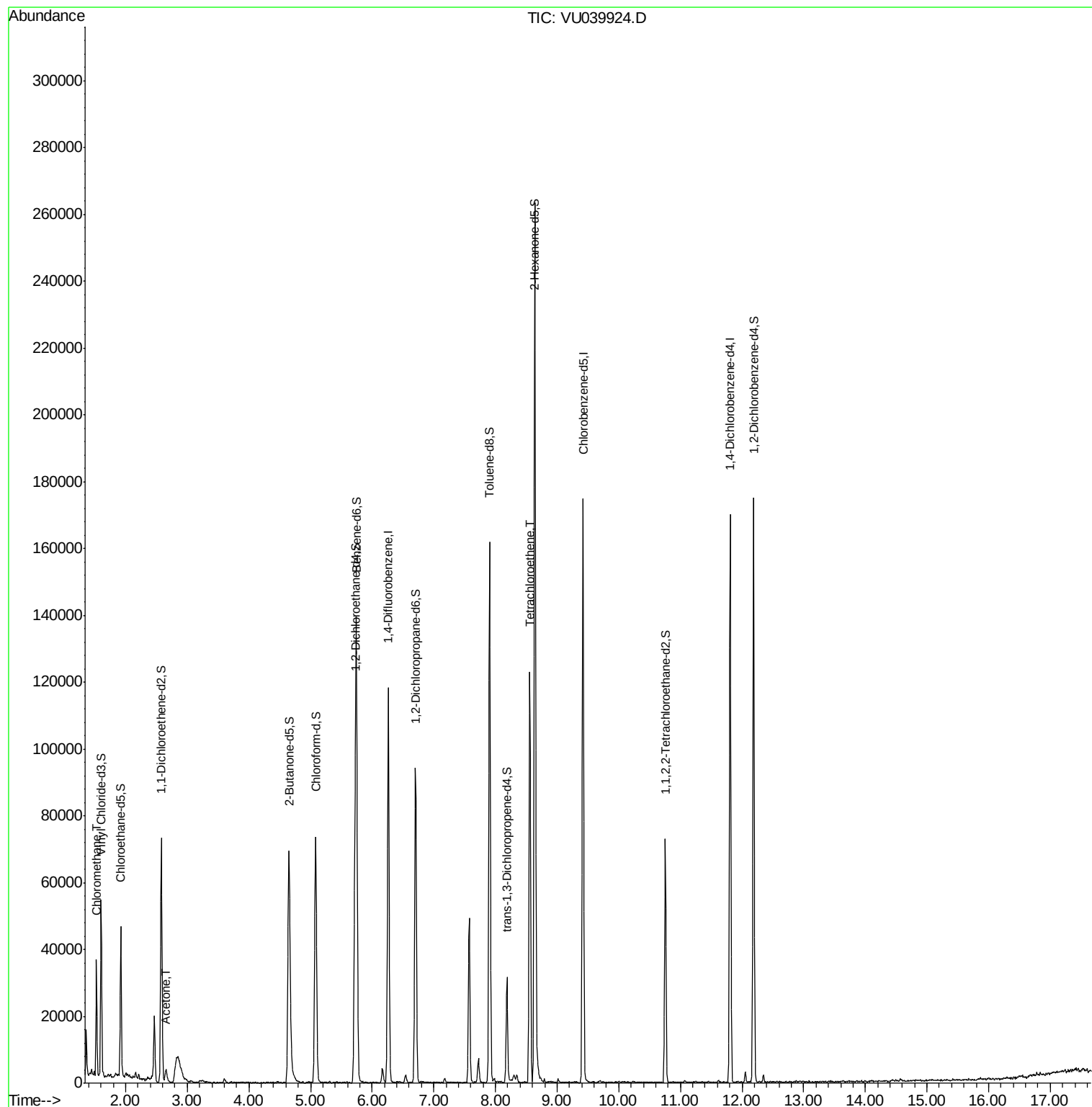
| Target Compounds      |      |     |       |              | Ovalue |
|-----------------------|------|-----|-------|--------------|--------|
| 3) Chloromethane      | 1.53 | 50  | 23659 | 2.203 ug/L   | 98     |
| 13) Acetone           | 2.65 | 43  | 5858  | 3.363 ug/L # | 45     |
| 47) Tetrachloroethene | 8.56 | 164 | 24401 | 3.986 ug/L   | 97     |

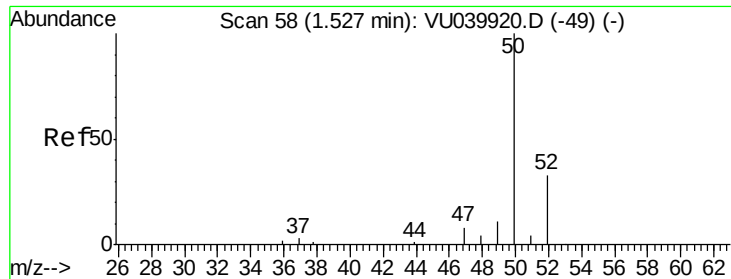
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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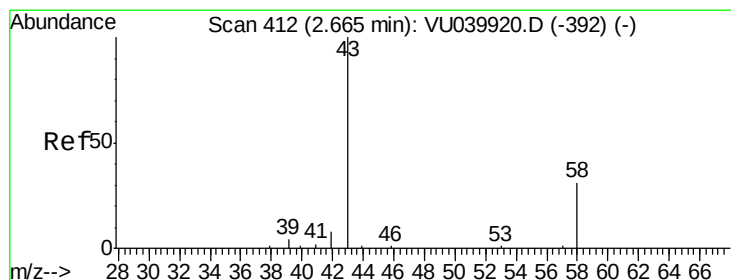
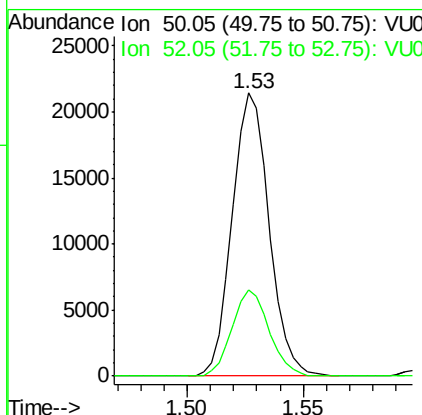
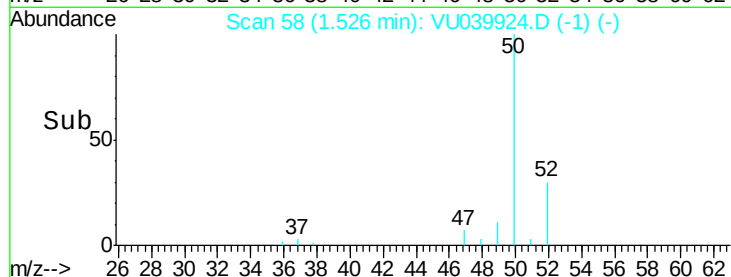
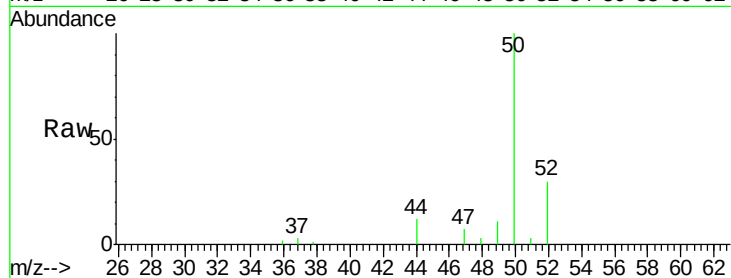




#3  
 Chloromethane  
 Concen: 2.203 ug/L  
 RT: 1.53 min Scan# 58  
 Delta R.T. -0.00 min  
 Lab File: VU039924.D  
 Acq: 21 Aug 2020 13:14

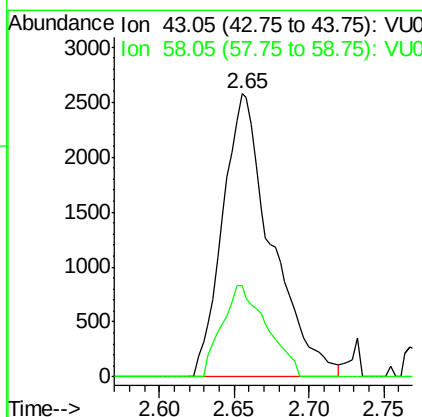
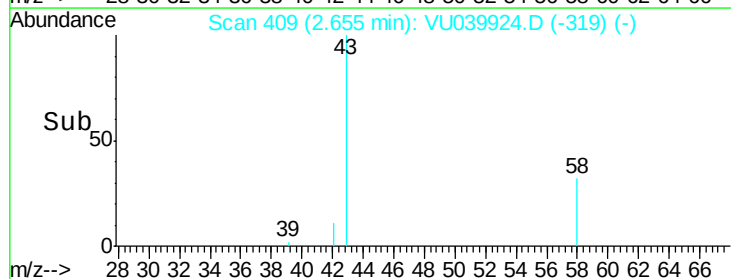
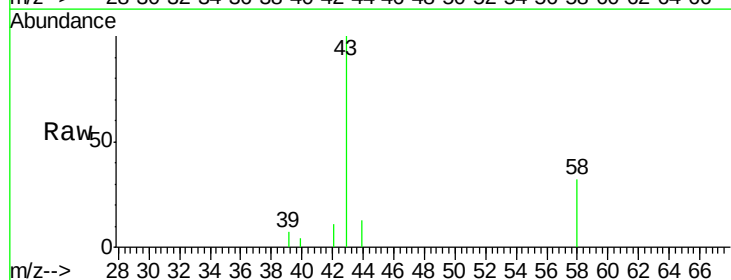
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFS4

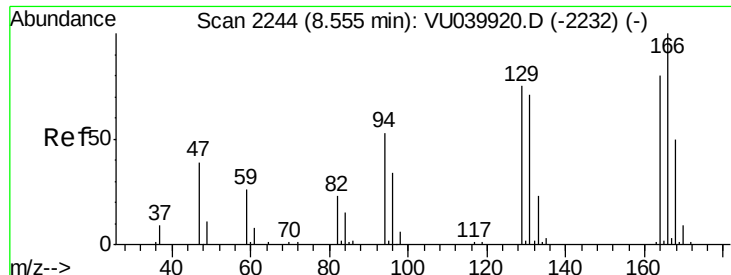
Tot Ion: 50 Resp: 23659  
 Ion Ratio Lower Upper  
 50 100  
 52 30.3 21.9 40.7



#13  
 Acetone  
 Concen: 3.363 ug/L  
 RT: 2.65 min Scan# 409  
 Delta R.T. -0.01 min  
 Lab File: VU039924.D  
 Acq: 21 Aug 2020 13:14

Tgt Ion: 43 Resp: 5858  
 Ion Ratio Lower Upper  
 43 100  
 58 29.5 0.0 19.0#





#47

Tetrachloroethene

Concen: 3.986 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039924.D

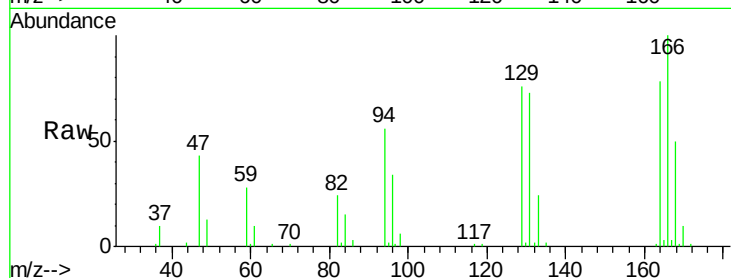
Acq: 21 Aug 2020 13:14

Instrument :

MSVOA\_U

ClientSampleId :

BFSD4



Tot Ion:164 Resp: 24401

Ion Ratio Lower Upper

164 100

129 97.2 69.1 128.3

131 92.9 66.0 122.6

166 127.9 94.0 174.6

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

