

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\  
 Data File : VU039111.D  
 Acq On : 25 Jun 2020 13:20  
 Operator : SY/MD  
 Sample : L3110-14  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9F41

Quant Time: Jun 26 01:56:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 26 00:59:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 251065   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 251812   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152  | 105737   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 85635    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.20%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 84437    | 5.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 111.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 136465   | 3.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.20%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 403866   | 60.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.74% |
| 24) Chloroform-d               | 5.10   | 84    | 195356   | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 108.00% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 119315   | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 107.20% |
| 32) Benzene-d6                 | 5.76   | 84    | 366543   | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.00% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 124290   | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.00% |
| 41) Toluene-d8                 | 7.92   | 98    | 277743   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.20%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 49240    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.60%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 301567   | 57.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 114.60% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 110152   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.00% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 112985   | 5.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 114.80% |

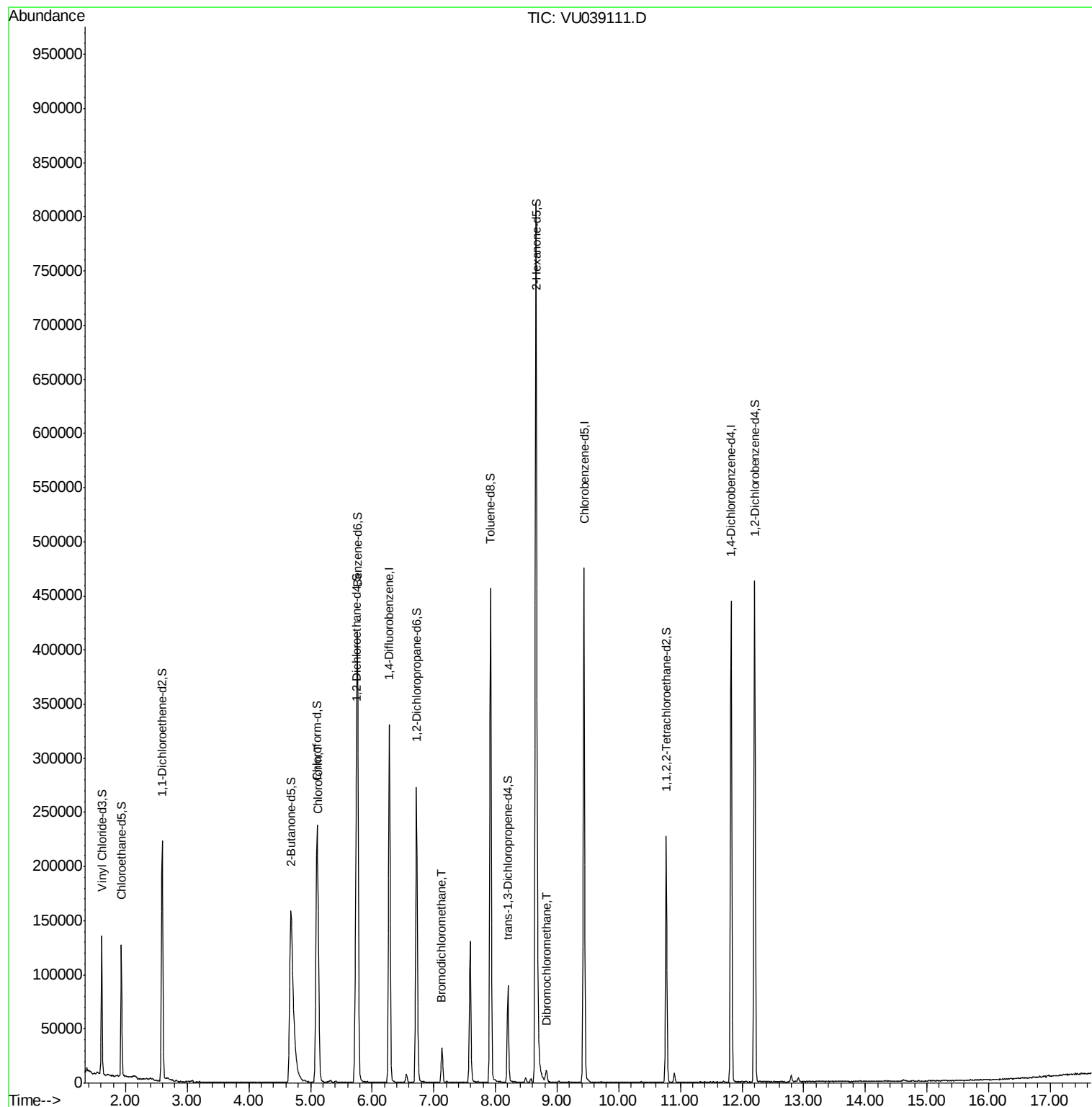
| Target Compounds         |      |     |       |            | Ovalue |
|--------------------------|------|-----|-------|------------|--------|
| 25) Chloroform           | 5.12 | 83  | 85246 | 2.294 ug/L | 96     |
| 38) Bromodichloromethane | 7.13 | 83  | 21209 | 0.794 ug/L | 98     |
| 49) Dibromochloromethane | 8.83 | 129 | 4919  | 0.284 ug/L | 86     |

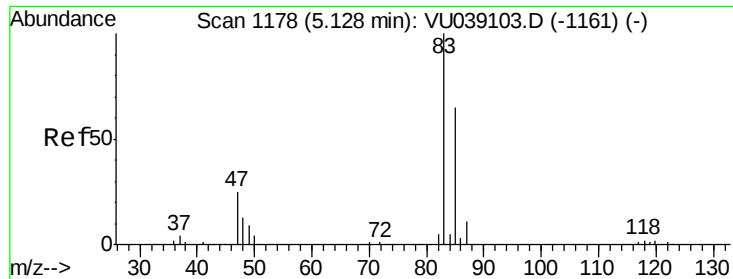
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062520\  
Data File : VU039111.D  
Acq On : 25 Jun 2020 13:20  
Operator : SY/MD  
Sample : L3110-14  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F9F41

Quant Time: Jun 26 01:56:07 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062320WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jun 26 00:59:08 2020  
Response via : Initial Calibration

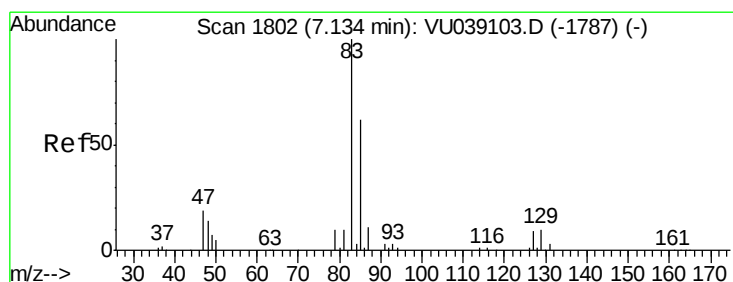
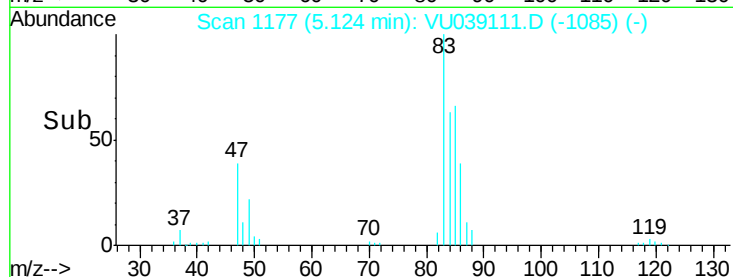
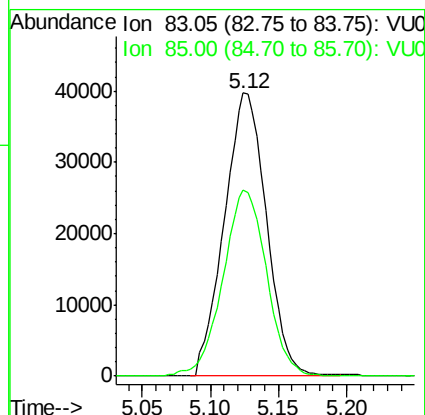
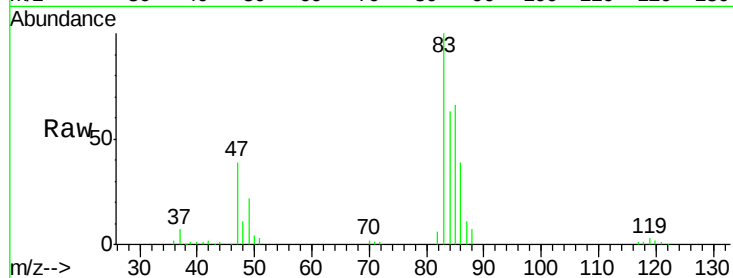




#25  
Chloroform  
Concen: 2.294 ug/L  
RT: 5.12 min Scan# 1177  
Delta R.T. -0.00 min  
Lab File: VU039111.D  
Acq: 25 Jun 2020 13:20

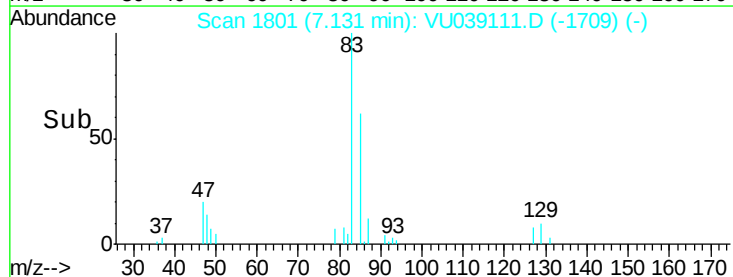
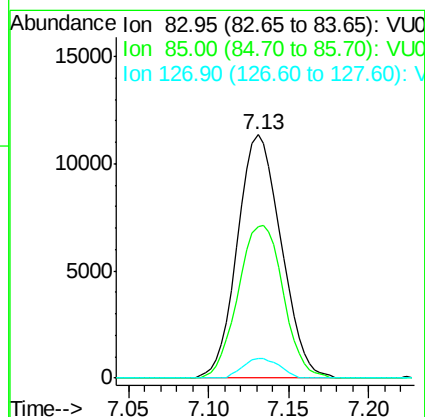
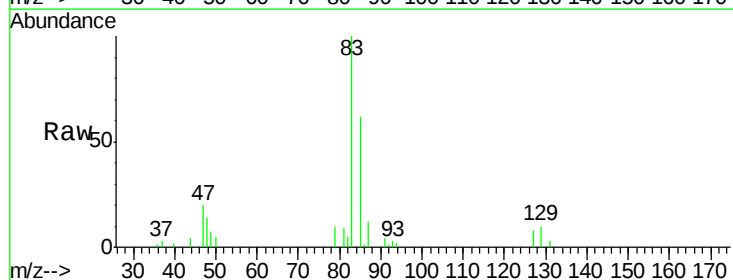
Instrument :  
MSVOA\_U  
ClientSampled :  
F9F41

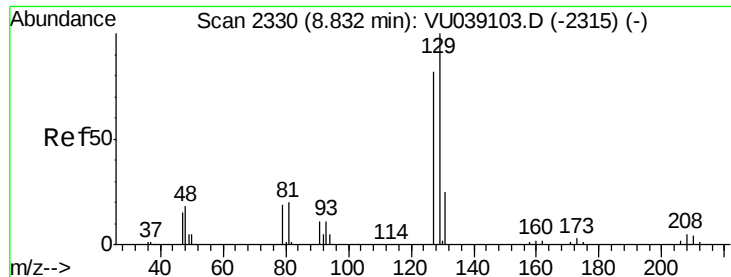
Tot Ion: 83 Resp: 85246  
Ion Ratio Lower Upper  
83 100  
85 65.7 43.8 81.4



#38  
Bromodichloromethane  
Concen: 0.794 ug/L  
RT: 7.13 min Scan# 1801  
Delta R.T. -0.00 min  
Lab File: VU039111.D  
Acq: 25 Jun 2020 13:20

Tgt Ion: 83 Resp: 21209  
Ion Ratio Lower Upper  
83 100  
85 62.4 44.9 83.3  
127 8.3 6.3 9.5





#49

Dibromochloromethane

Concen: 0.284 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU039111.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA\_U

ClientSampleId :

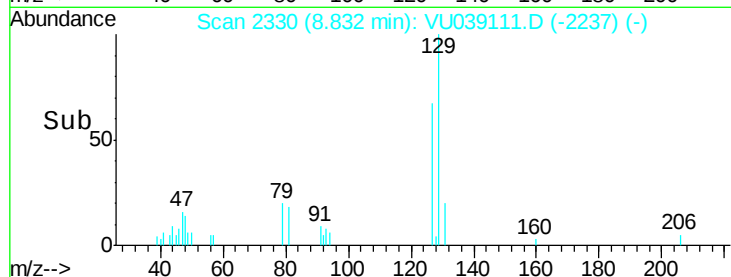
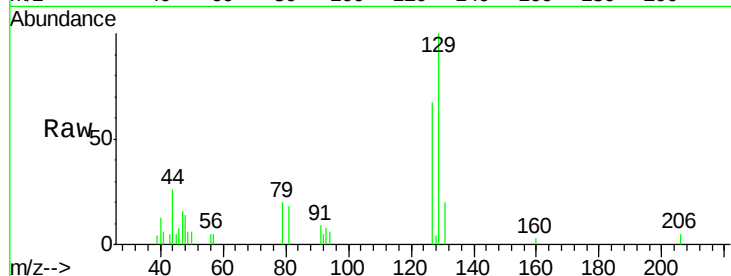
F9F41

Tot Ion:129 Resp: 4919

Ion Ratio Lower Upper

129 100

127 66.8 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

