

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051319\  
 Data File : VU031974.D  
 Acq On : 13 May 2019 17:27  
 Operator : JC/SP  
 Sample : K2744-15  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D16

Quant Time: May 14 04:42:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050819WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue May 14 02:38:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 511797   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 503516   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 193994   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 110869   | 3.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 63.60%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 114661   | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 173298   | 2.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 46.20%# |
| 20) 2-Butanone-d5              | 4.19   | 46    | 495707   | 36.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 72.80%  |
| 24) Chloroform-d               | 4.64   | 84    | 266479   | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 74.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 151760   | 3.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 70.00%  |
| 32) Benzene-d6                 | 5.33   | 84    | 509527   | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 184668   | 3.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 78.00%  |
| 41) Toluene-d8                 | 7.56   | 98    | 392253   | 3.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.20%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 49184    | 2.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 59.20%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 368491   | 43.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.74%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 157513   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 148371   | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.60%  |

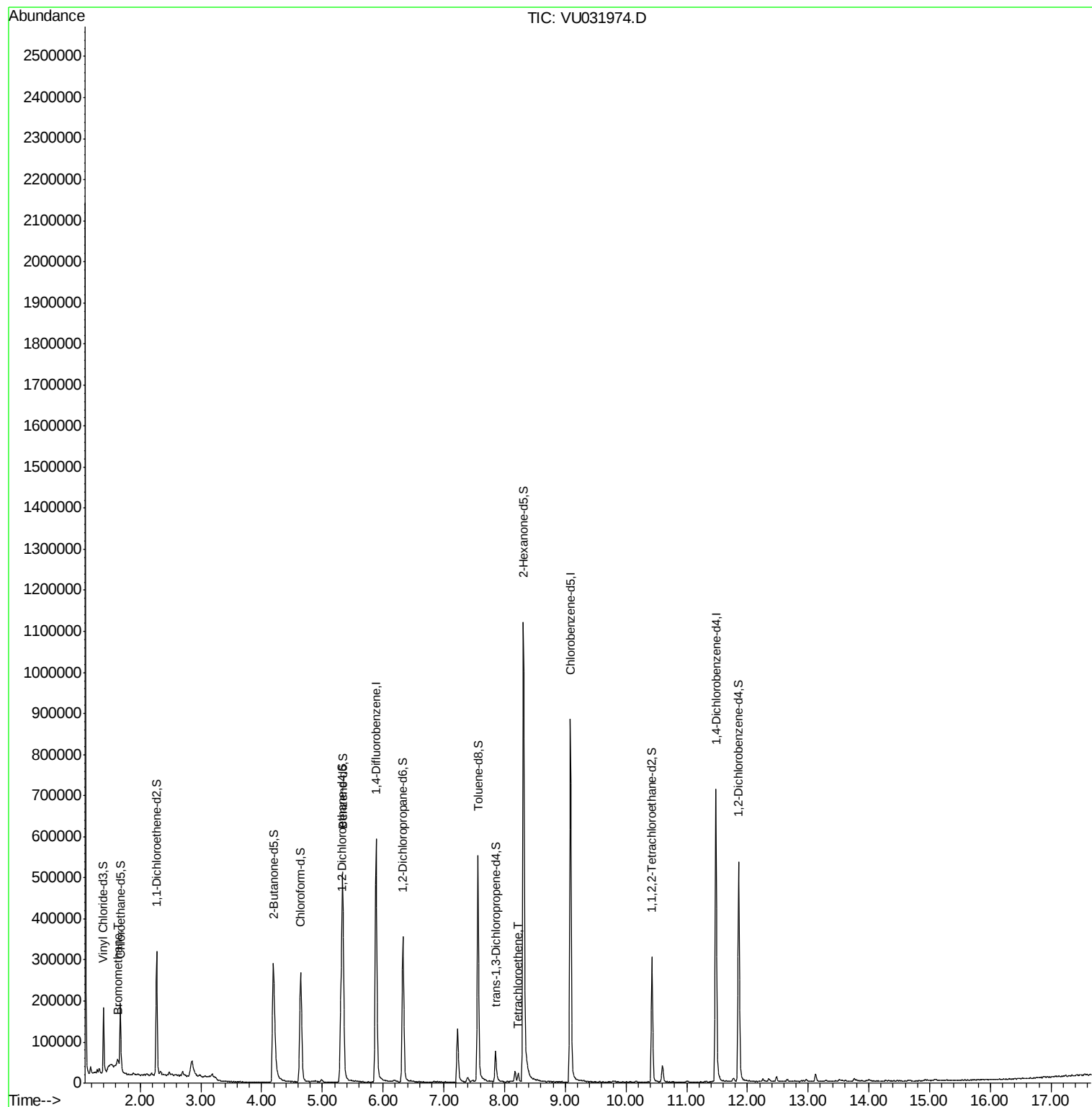
| Target Compounds      |      |     |      |              | Ovalue |
|-----------------------|------|-----|------|--------------|--------|
| 6) Bromomethane       | 1.63 | 94  | 4598 | 0.163 ug/L   | 85     |
| 47) Tetrachloroethene | 8.23 | 164 | 5094 | 0.177 ug/L # | 79     |

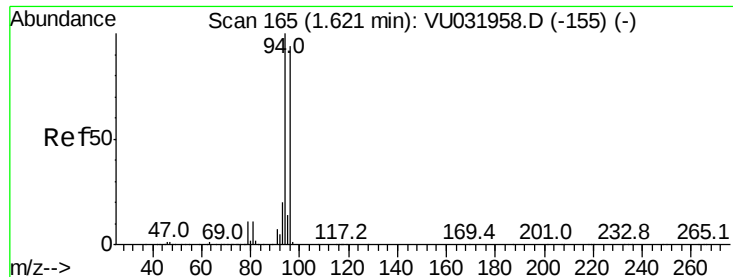
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.163 ug/L

RT: 1.63 min Scan# 167

Delta R.T. 0.01 min

Lab File: VU031974.D

Acq: 13 May 2019 17:27

Instrument :

MSVOA\_U

ClientSampleId :

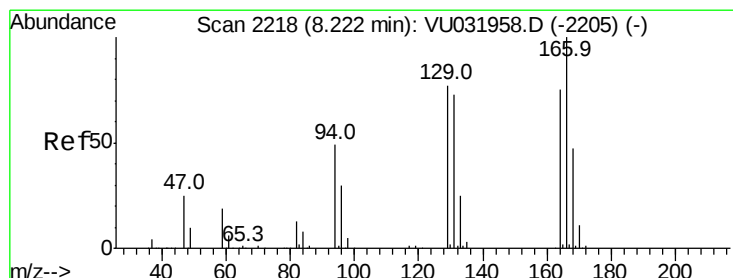
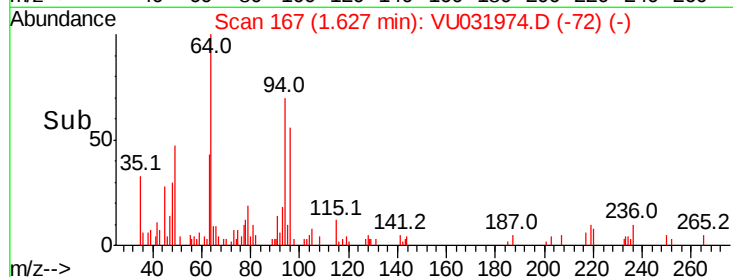
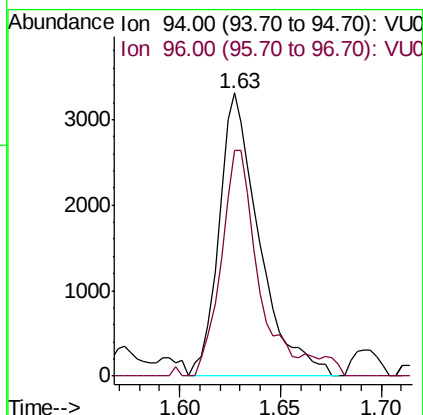
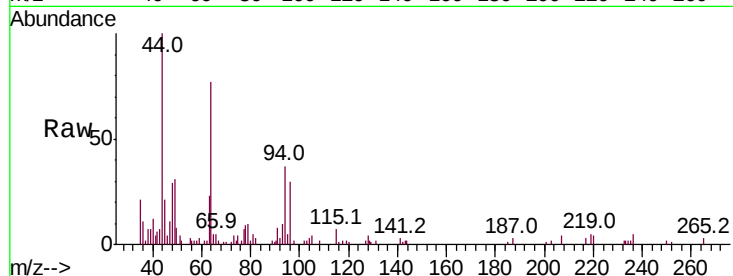
F9D16

Tot Ion: 94 Resp: 4598

Ion Ratio Lower Upper

94 100

96 79.9 66.1 122.8



#47

Tetrachloroethene

Concen: 0.177 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031974.D

Acq: 13 May 2019 17:27

Tgt Ion: 164 Resp: 5094

Ion Ratio Lower Upper

164 100

129 68.1 70.3 130.5#

131 74.6 65.4 121.4

166 109.4 86.0 159.8

