

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV090518\  
 Data File : VV007397.D  
 Acq On : 05 Sep 2018 21:13  
 Operator : SY/MD  
 Sample : J4719-10 50X  
 Misc : 5.0 mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEGE6

Quant Time: Sep 06 01:46:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 06 01:44:11 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 486534   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 485245   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 180935   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 150101   | 43.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.38%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 121201   | 53.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 106.48% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 207531   | 33.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.80%  |
| 21) 2-Butanone-d5              | 3.96    | 46    | 226018   | 79.96    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 79.96%  |
| 24) Chloroform-d               | 4.40    | 84    | 336062   | 46.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.50%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 214807   | 49.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.06%  |
| 32) Benzene-d6                 | 5.10    | 84    | 652771   | 44.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.26%  |
| 36) 1,2-Dichloropropane-d6     | 6.13    | 67    | 226855   | 46.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.58%  |
| 41) Toluene-d8                 | 7.36    | 98    | 519304   | 41.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.50%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 88572    | 42.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.86%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 164881   | 85.82    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 85.82%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 318574   | 47.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.18%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 202618   | 52.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.20% |

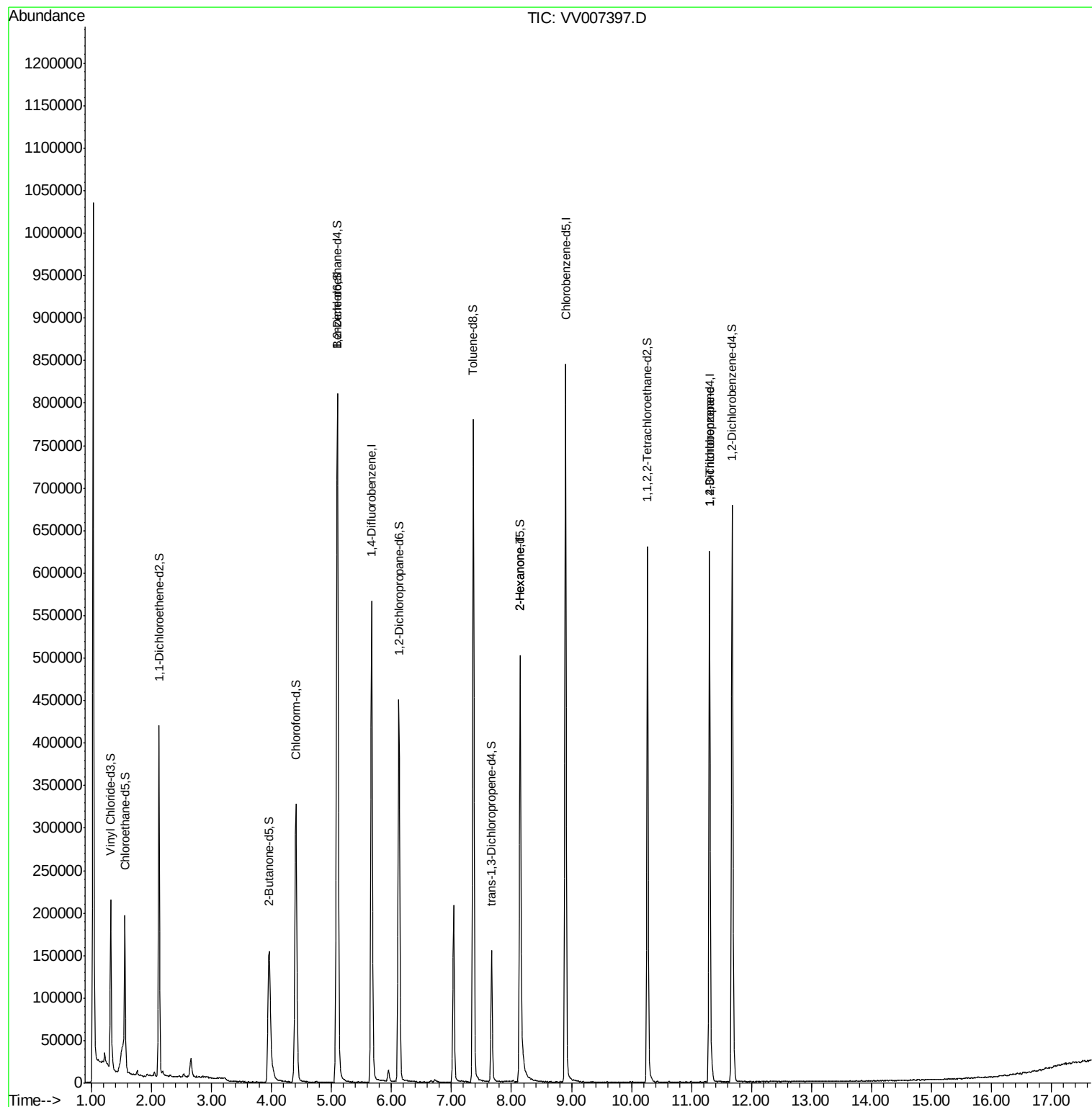
| Target Compounds           |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 48) 2-Hexanone             | 8.14  | 43 | 21365 | 5.560 ug/L # | 73     |
| 59) 1,2,3-Trichloropropane | 11.30 | 75 | 20601 | 4.061 ug/L   | 91     |

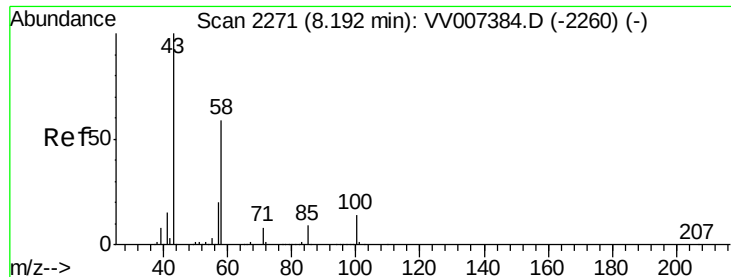
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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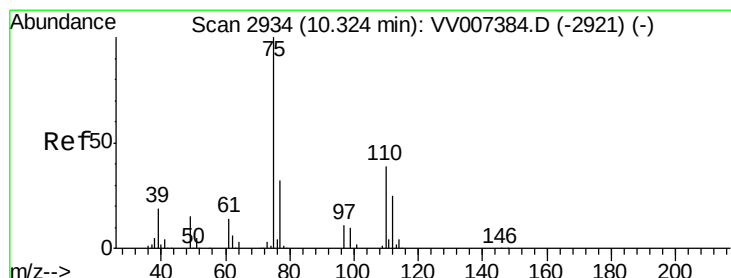
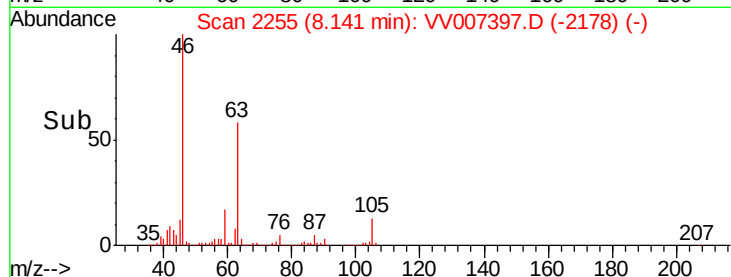
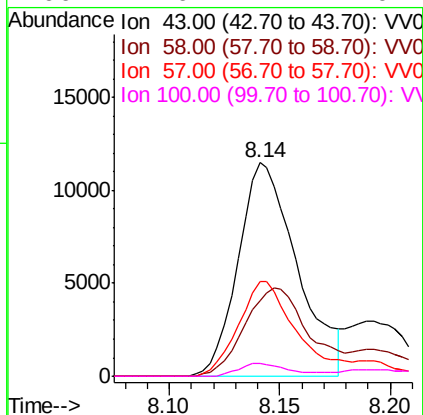
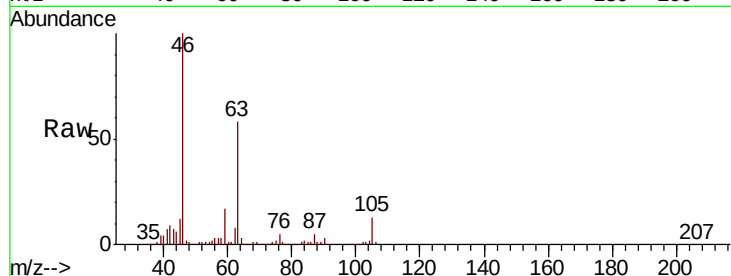




#48  
 2-Hexanone  
 Concen: 5.560 ug/L  
 RT: 8.14 min Scan# 2255  
 Delta R.T. -0.05 min  
 Lab File: VV007397.D  
 Acq: 05 Sep 2018 21:13

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEGE6

Tgt Ion: 43 Resp: 21365  
 Ion Ratio Lower Upper  
 43 100  
 58 45.2 48.6 72.8#  
 57 43.9 16.2 24.2#  
 100 4.6 11.1 16.7#



#59  
 1,2,3-Trichloropropane  
 Concen: 4.061 ug/L  
 RT: 11.30 min Scan# 3237  
 Delta R.T. 0.97 min  
 Lab File: VV007397.D  
 Acq: 05 Sep 2018 21:13

Tgt Ion: 75 Resp: 20601  
 Ion Ratio Lower Upper  
 75 100  
 77 37.0 25.5 38.3

