

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\  
 Data File : VV018937.D  
 Acq On : 16 Oct 2020 14:56  
 Operator : SY/MD  
 Sample : VV1016WBL01  
 Misc : 5.0ml/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK84

Quant Time: Oct 17 06:03:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM101420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 17 05:56:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 300694   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 299196   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 138566   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 106964   | 43.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.44%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 91260    | 46.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.08%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 169461   | 36.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.54%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 183953   | 106.62   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.62% |
| 24) Chloroform-d               | 4.37    | 84    | 217340   | 48.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.74%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 152314   | 51.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.20% |
| 32) Benzene-d6                 | 5.07    | 84    | 428869   | 49.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 142532   | 51.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.08% |
| 41) Toluene-d8                 | 7.34    | 98    | 366958   | 46.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.66%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 64646    | 47.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.72%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 97978    | 94.44    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.44%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 149094   | 45.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.10%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 152836   | 54.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.42% |

## Target Compounds

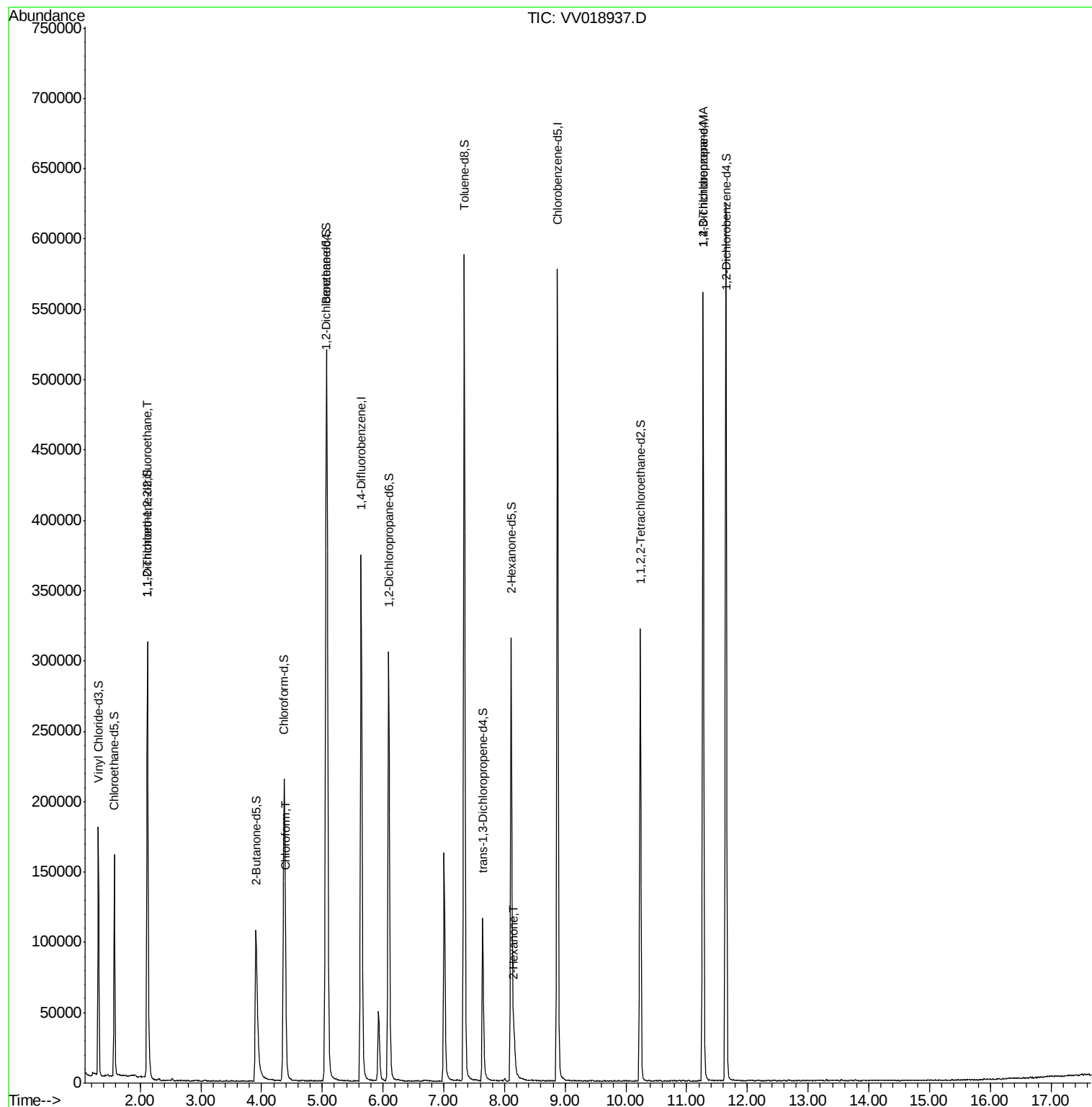
|                                |       |     |       |              | Ovalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12  | 101 | 1579  | 0.809 ug/L # | 20     |
| 25) Chloroform                 | 4.40  | 83  | 4871  | 1.135 ug/L   | 83     |
| 48) 2-Hexanone                 | 8.16  | 43  | 18701 | 6.966 ug/L # | 84     |
| 59) 1,2,3-Trichloropropane     | 11.27 | 75  | 17400 | 5.855 ug/L   | 91     |

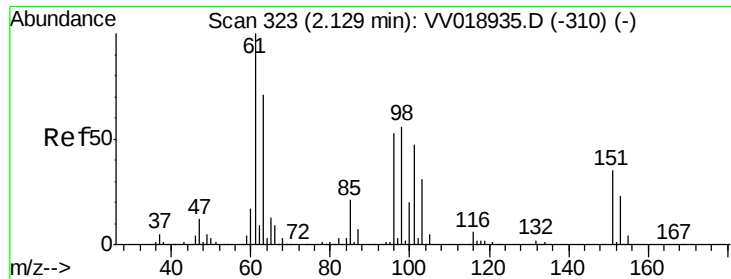
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VV1016WBL01  
Misc : 5.0ml/MSV0A V/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK84

Quant Time: Oct 17 06:03:25 2020  
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QLast Update : Sat Oct 17 05:56:05 2020  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.809 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018937.D

Acq: 16 Oct 2020 14:56

Instrument :

MSVOA\_V

ClientSampled :

VBLK84

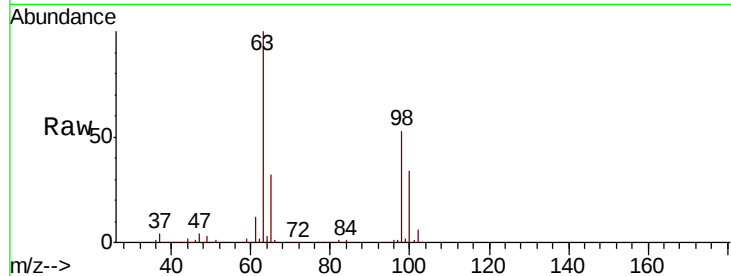
Tot Ion:101 Resp: 1579

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

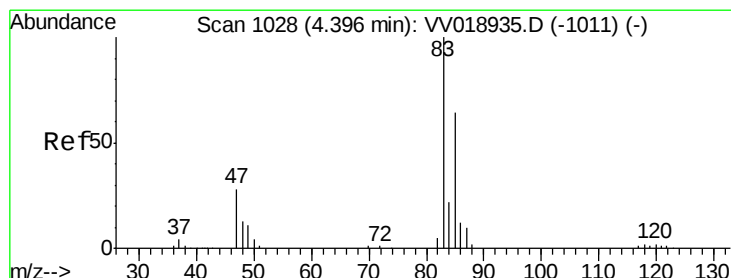
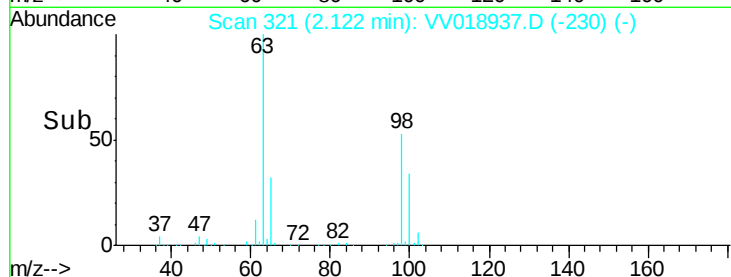
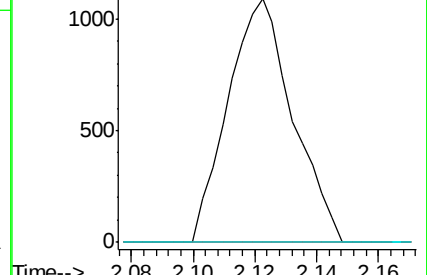
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.135 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV018937.D

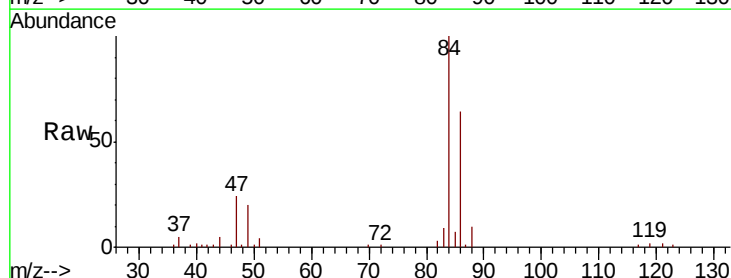
Acq: 16 Oct 2020 14:56

Tgt Ion: 83 Resp: 4871

Ion Ratio Lower Upper

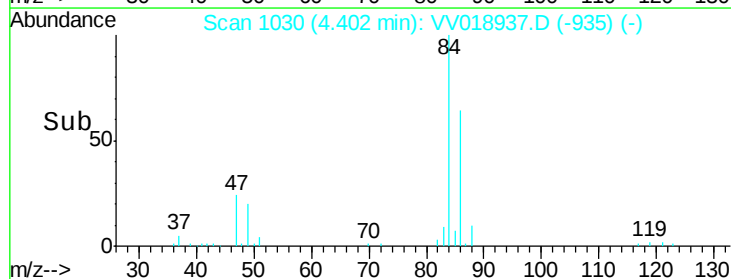
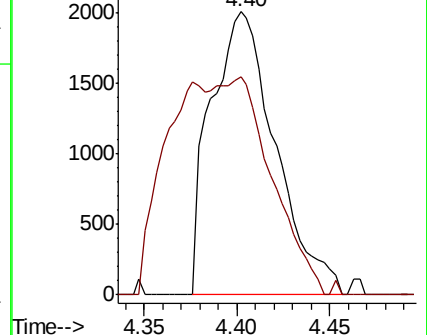
83 100

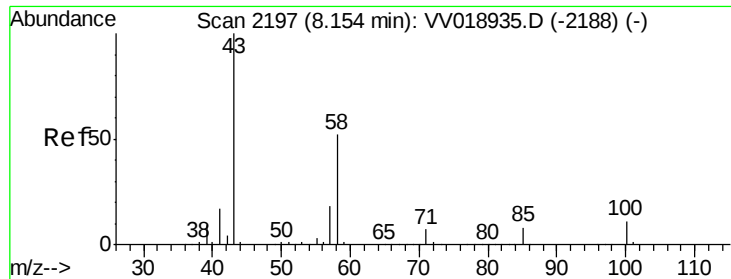
85 77.3 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

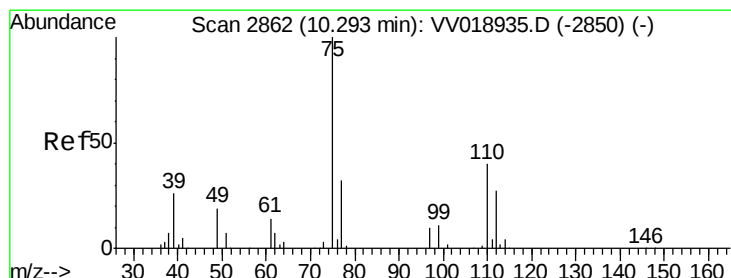
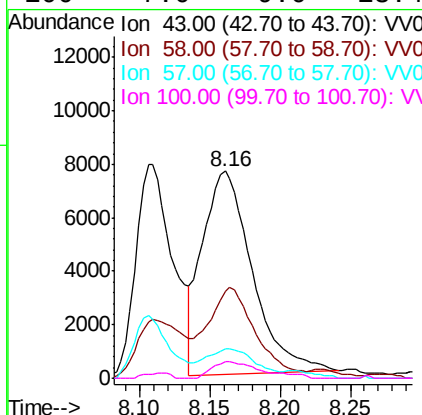
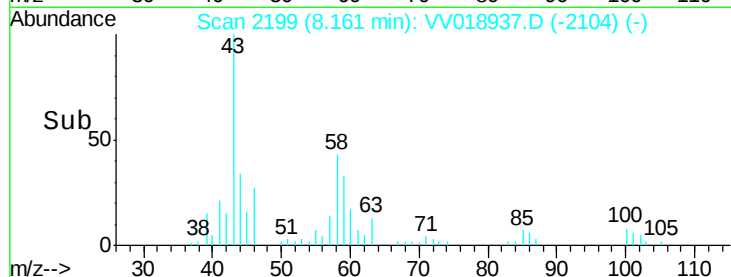
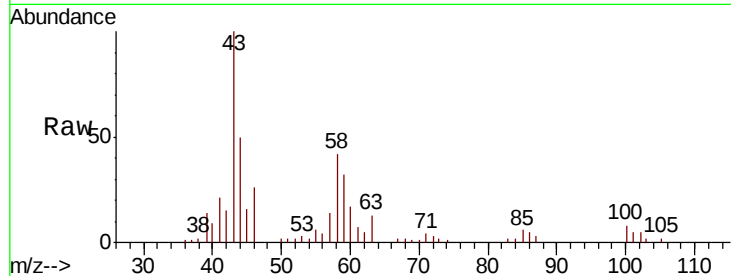




#48  
 2-Hexanone  
 Concen: 6.966 ug/L  
 RT: 8.16 min Scan# 2199  
 Delta R.T. 0.01 min  
 Lab File: VV018937.D  
 Acq: 16 Oct 2020 14:56

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Tot Ion: 43 Resp: 18701  
 Ion Ratio Lower Upper  
 43 100  
 58 39.2 42.5 63.7#  
 57 13.3 14.5 21.7#  
 100 7.0 9.0 13.4#



#59  
 1,2,3-Trichloropropane  
 Concen: 5.855 ug/L  
 RT: 11.27 min Scan# 3166  
 Delta R.T. 0.98 min  
 Lab File: VV018937.D  
 Acq: 16 Oct 2020 14:56

Tgt Ion: 75 Resp: 17400  
 Ion Ratio Lower Upper  
 75 100  
 77 37.0 25.4 38.2

