

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\  
 Data File : VV011256.D  
 Acq On : 06 Jun 2019 20:13  
 Operator : SY/MD  
 Sample : K3226-01  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFCN4

Quant Time: Jun 07 02:28:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 07 01:28:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 165418   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 151543   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 62714    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 57867    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.40%  |
| 7) Chloroethane-d5             | 1.56   | 69    | 46809    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 89692    | 3.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.60%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 152424   | 54.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.02% |
| 24) Chloroform-d               | 4.40   | 84    | 100990   | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 59147    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.20%  |
| 32) Benzene-d6                 | 5.09   | 84    | 210785   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 65119    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.20%  |
| 41) Toluene-d8                 | 7.36   | 98    | 191467   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.00%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 21153    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.40%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 121342   | 53.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 107.92% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 46860    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 61781    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.80%  |

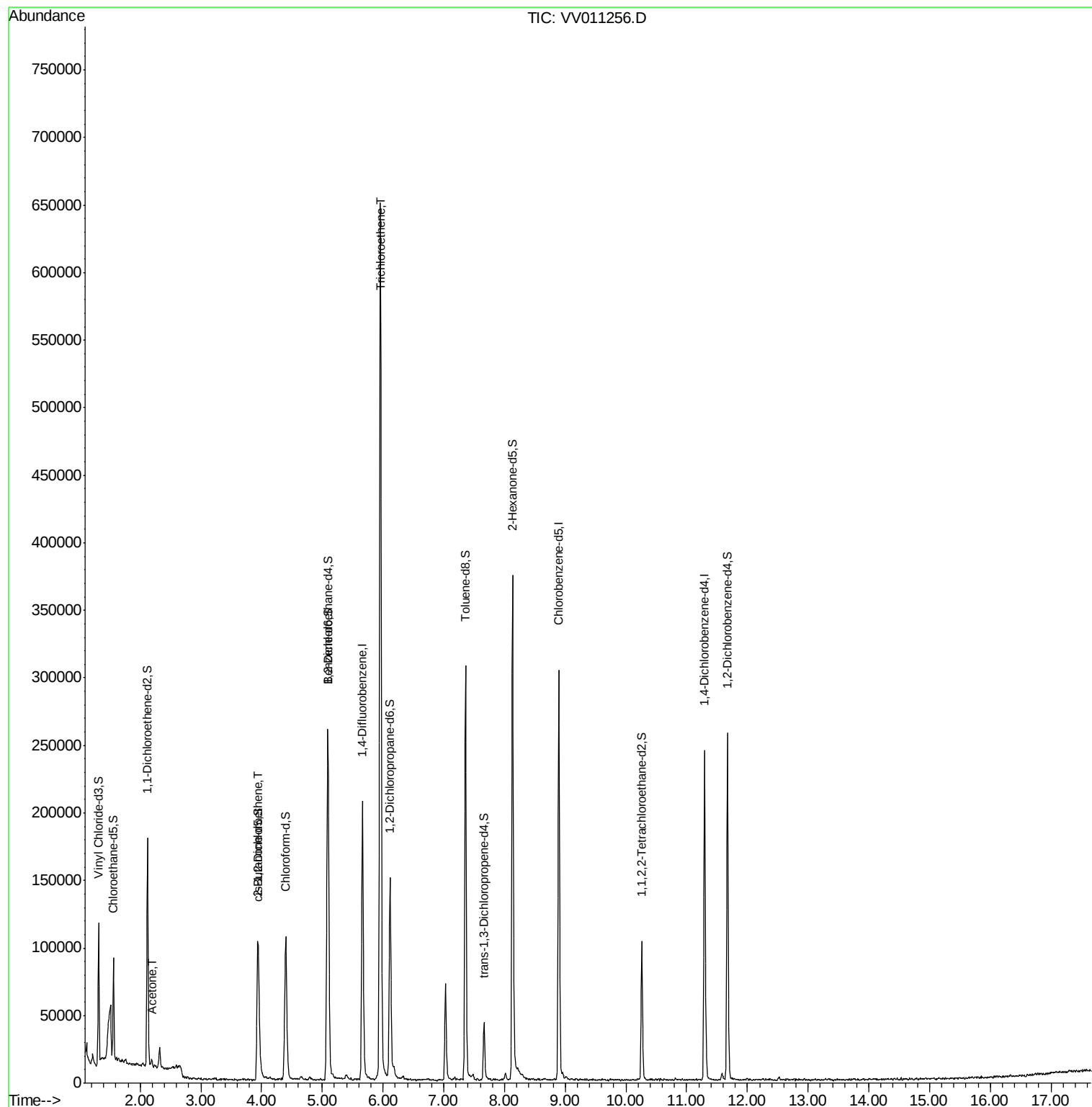
| Target Compounds           |      |    |        |             | Ovalue |
|----------------------------|------|----|--------|-------------|--------|
| 13) Acetone                | 2.19 | 43 | 4479   | 2.367 ug/L  | 83     |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 6050   | 0.468 ug/L  | 83     |
| 34) Trichloroethene        | 5.96 | 95 | 221316 | 17.766 ug/L | 98     |

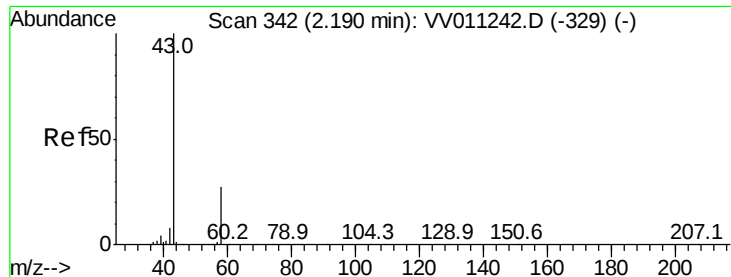
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.367 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV011256.D

Acq: 06 Jun 2019 20:13

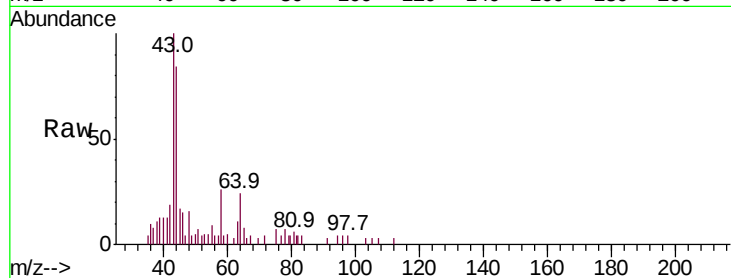
Instrument :  
MSVOA\_V  
ClientSampled :  
BFCN4

Tot Ion: 43 Resp: 4479

Ion Ratio Lower Upper

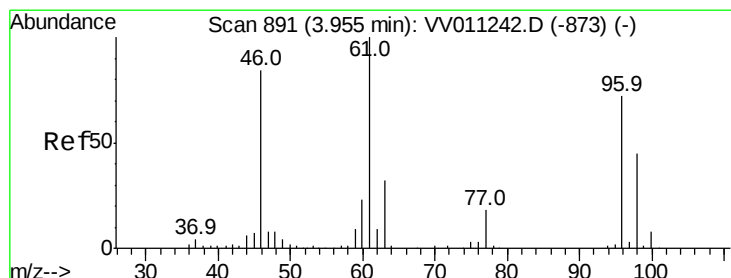
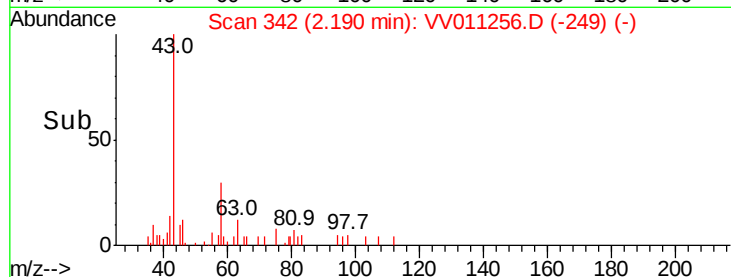
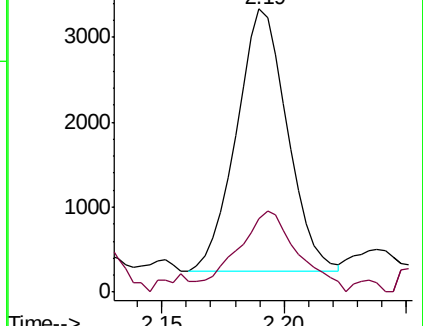
43 100

58 36.4 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011242.D (-329) (-)

Ion 58.05 (57.75 to 58.75): VV011242.D (-329) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.468 ug/L

RT: 3.96 min Scan# 891

Delta R.T. 0.00 min

Lab File: VV011256.D

Acq: 06 Jun 2019 20:13

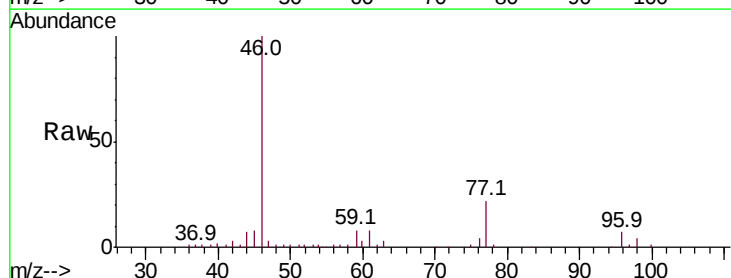
Tgt Ion: 96 Resp: 6050

Ion Ratio Lower Upper

96 100

61 122.6 100.8 187.2

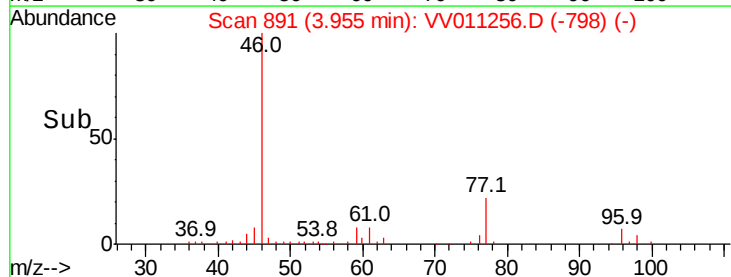
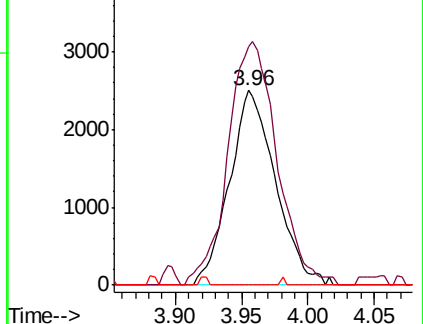
68 0.0 0.0 0.0

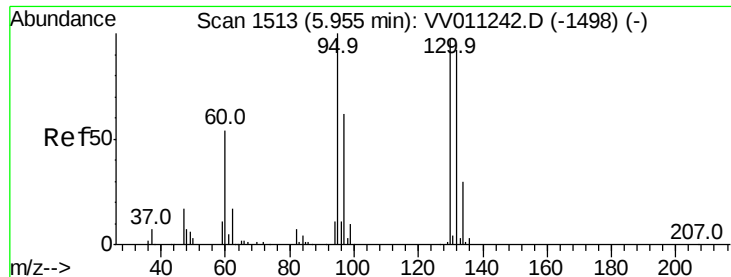


Abundance Ion 96.00 (95.70 to 96.70): VV011242.D (-873) (-)

Ion 61.05 (60.75 to 61.75): VV011242.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VV011242.D (-873) (-)





#34

Trichloroethene

Concen: 17.766 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011256.D

Acq: 06 Jun 2019 20:13

Instrument :

MSVOA\_V

ClientSampleId :

BFCN4

Tot Ion: 95 Resp: 221316

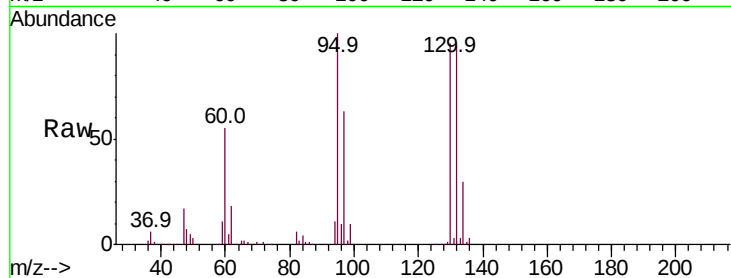
Ion Ratio Lower Upper

95 100

97 63.4 45.8 85.2

132 94.5 66.4 123.2

130 95.3 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

