

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080819\  
 Data File : VV012139.D  
 Acq On : 08 Aug 2019 22:36  
 Operator : SY/MD  
 Sample : K4184-01  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AA0

Quant Time: Aug 09 07:00:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080819WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 09 06:44:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 108644   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 100316   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 53328    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 23401    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 101.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 16878    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 35778    | 3.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 76.60%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 62158    | 52.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.18% |
| 24) Chloroform-d               | 4.40   | 84    | 66335    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 37401    | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 107.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 127551   | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 32773    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.60% |
| 41) Toluene-d8                 | 7.36   | 98    | 126166   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.00% |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 16795    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 98.80%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 55579    | 51.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.74% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 26969    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 54515    | 5.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.00% |

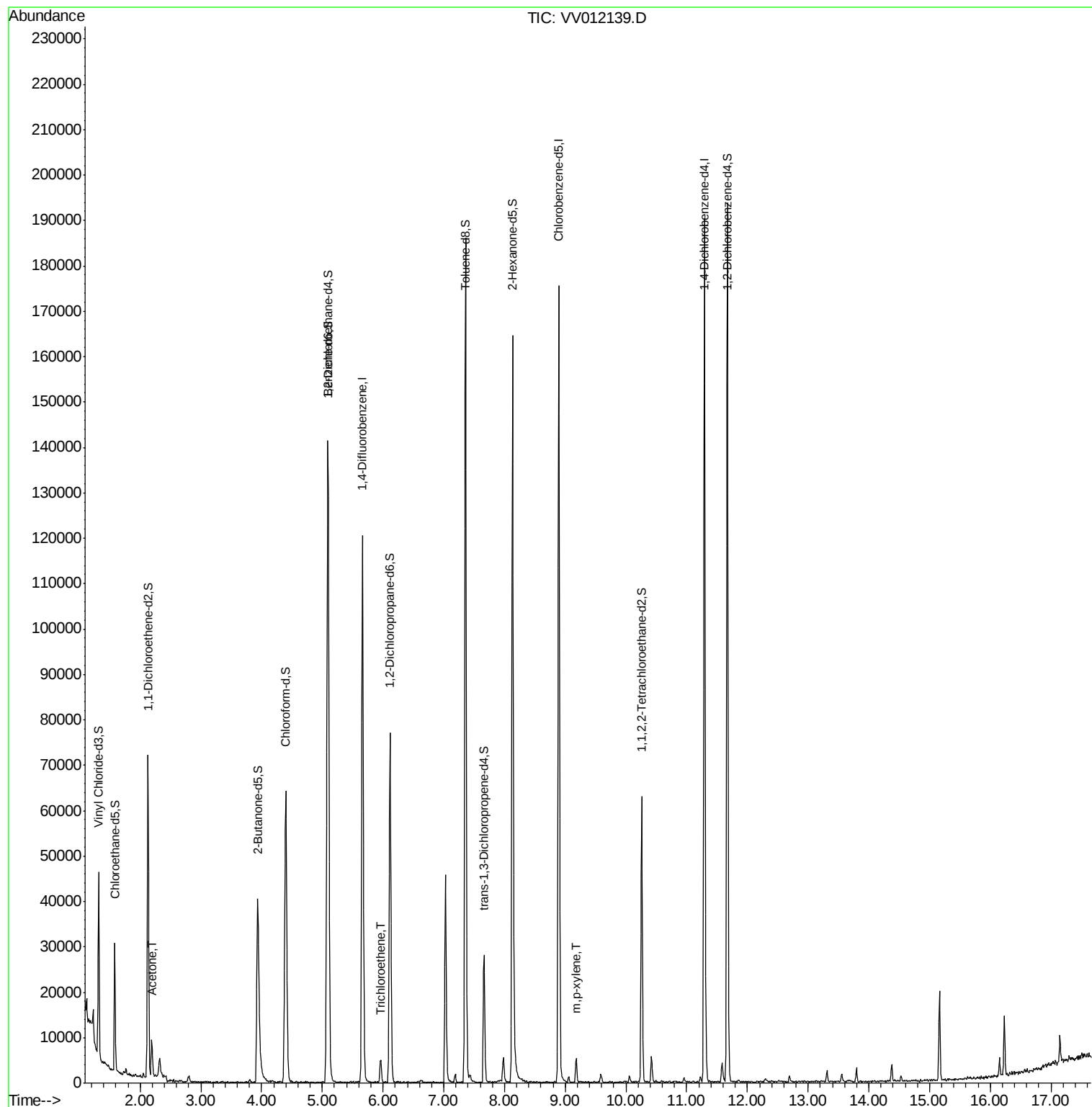
| Target Compounds    |      |     |      |             | Ovalue |
|---------------------|------|-----|------|-------------|--------|
| 13) Acetone         | 2.19 | 43  | 8803 | 12.537 ug/L | 98     |
| 34) Trichloroethene | 5.96 | 95  | 1793 | 0.246 ug/L  | 93     |
| 53) m,p-xylene      | 9.19 | 106 | 1681 | 0.133 ug/L  | 89     |

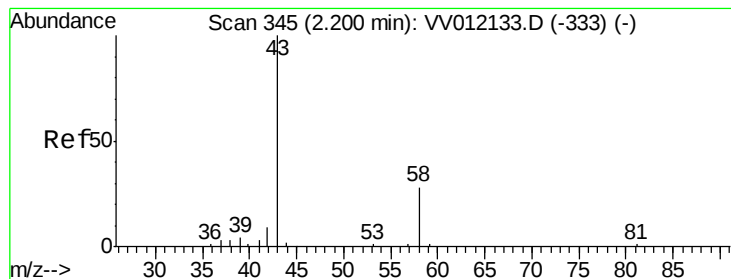
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.537 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV012139.D

Acq: 08 Aug 2019 22:36

Instrument :

MSVOA\_V

ClientSampleId :

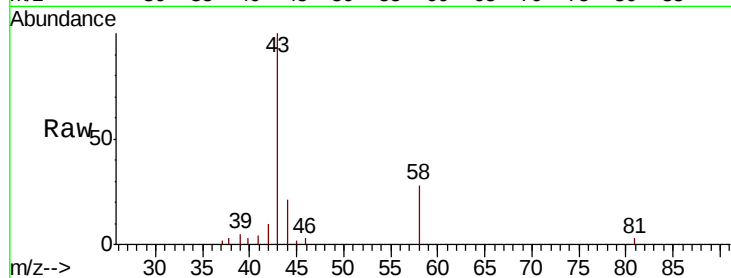
C0AA0

Tot Ion: 43 Resp: 8803

Ion Ratio Lower Upper

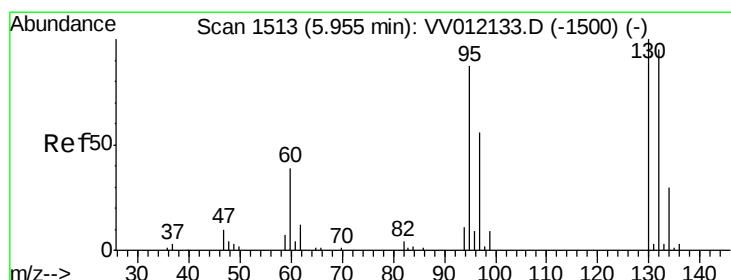
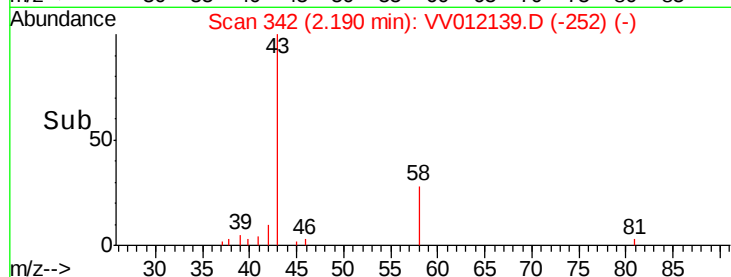
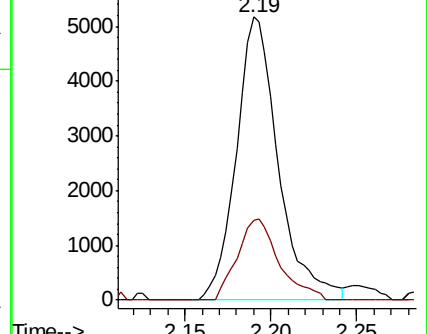
43 100

58 28.4 0.0 54.6



Abundance Ion 43.05 (42.75 to 43.75): VV012133.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV012133.D (-333) (-)



#34

Trichloroethene

Concen: 0.246 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV012139.D

Acq: 08 Aug 2019 22:36

Tgt Ion: 95 Resp: 1793

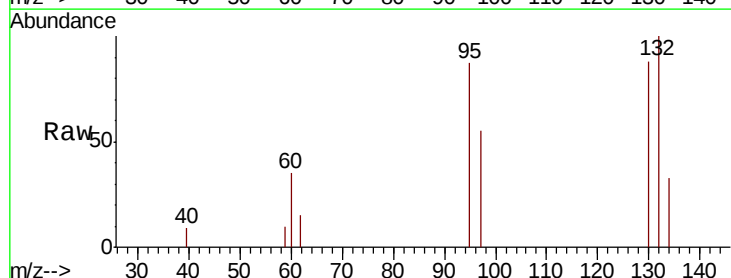
Ion Ratio Lower Upper

95 100

97 63.1 44.6 82.8

132 114.6 75.9 141.1

130 101.0 80.2 148.9

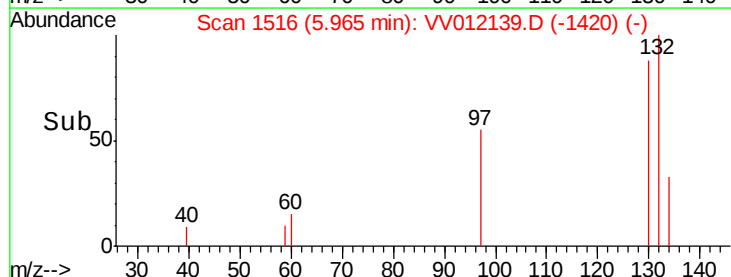
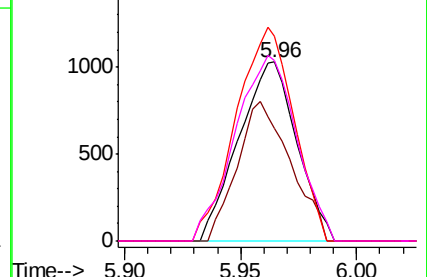


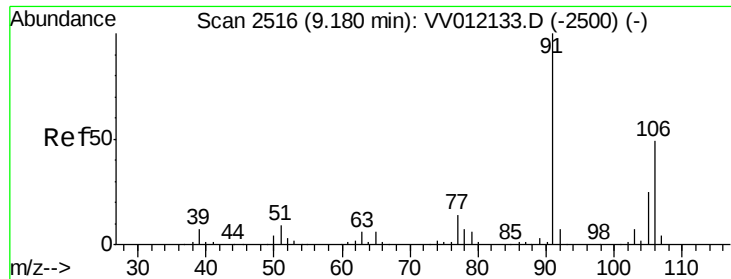
Abundance Ion 95.00 (94.70 to 95.70): VV012133.D (-1500) (-)

Ion 96.95 (96.65 to 97.65): VV012133.D (-1500) (-)

Ion 131.95 (131.65 to 132.65): VV012133.D (-1500) (-)

Ion 129.95 (129.65 to 130.65): VV012133.D (-1500) (-)





#53

m,p-xylene

Concen: 0.133 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.01 min

Lab File: VV012139.D

Acq: 08 Aug 2019 22:36

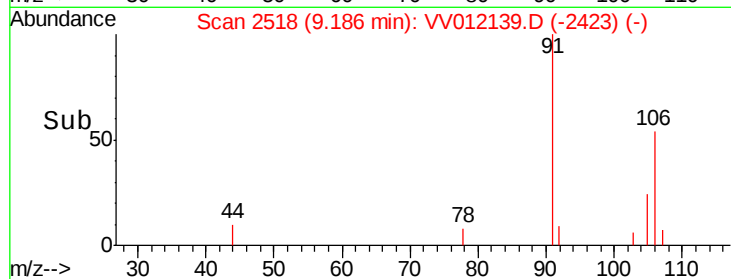
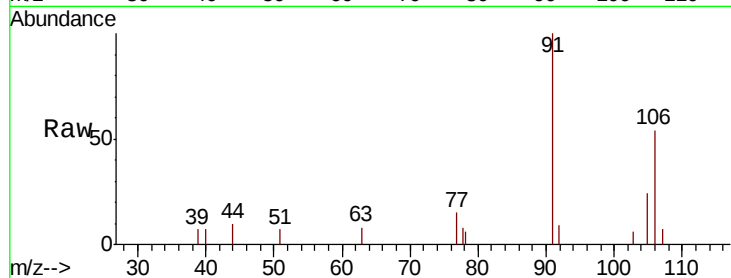
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AA0

Tot Ion:106 Resp: 1681

Ion Ratio Lower Upper

106 100

91 185.7 142.2 264.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

