

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\  
 Data File : VV016519.D  
 Acq On : 04 Jun 2020 19:16  
 Operator : SY/MD  
 Sample : L2849-18  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETPP8

Quant Time: Jun 05 05:40:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 05 01:52:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 368289   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 343462   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 163050   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 93972    | 36.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 72.04%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 72981    | 38.75    | ug/L | -0.01   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 77.50%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 127533   | 27.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 55.16%# |
| 21) 2-Butanone-d5              | 3.90    | 46    | 205589   | 123.26   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 123.26% |
| 24) Chloroform-d               | 4.37    | 84    | 223905   | 45.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.48%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 156944   | 47.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.76%  |
| 32) Benzene-d6                 | 5.07    | 84    | 438553   | 47.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.34%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 141221   | 49.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.52%  |
| 41) Toluene-d8                 | 7.34    | 98    | 398662   | 47.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.42%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 62230    | 44.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.08%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 153644   | 125.14   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 125.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 198518   | 51.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 102.12% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 161650   | 52.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.52% |

## Target Compounds

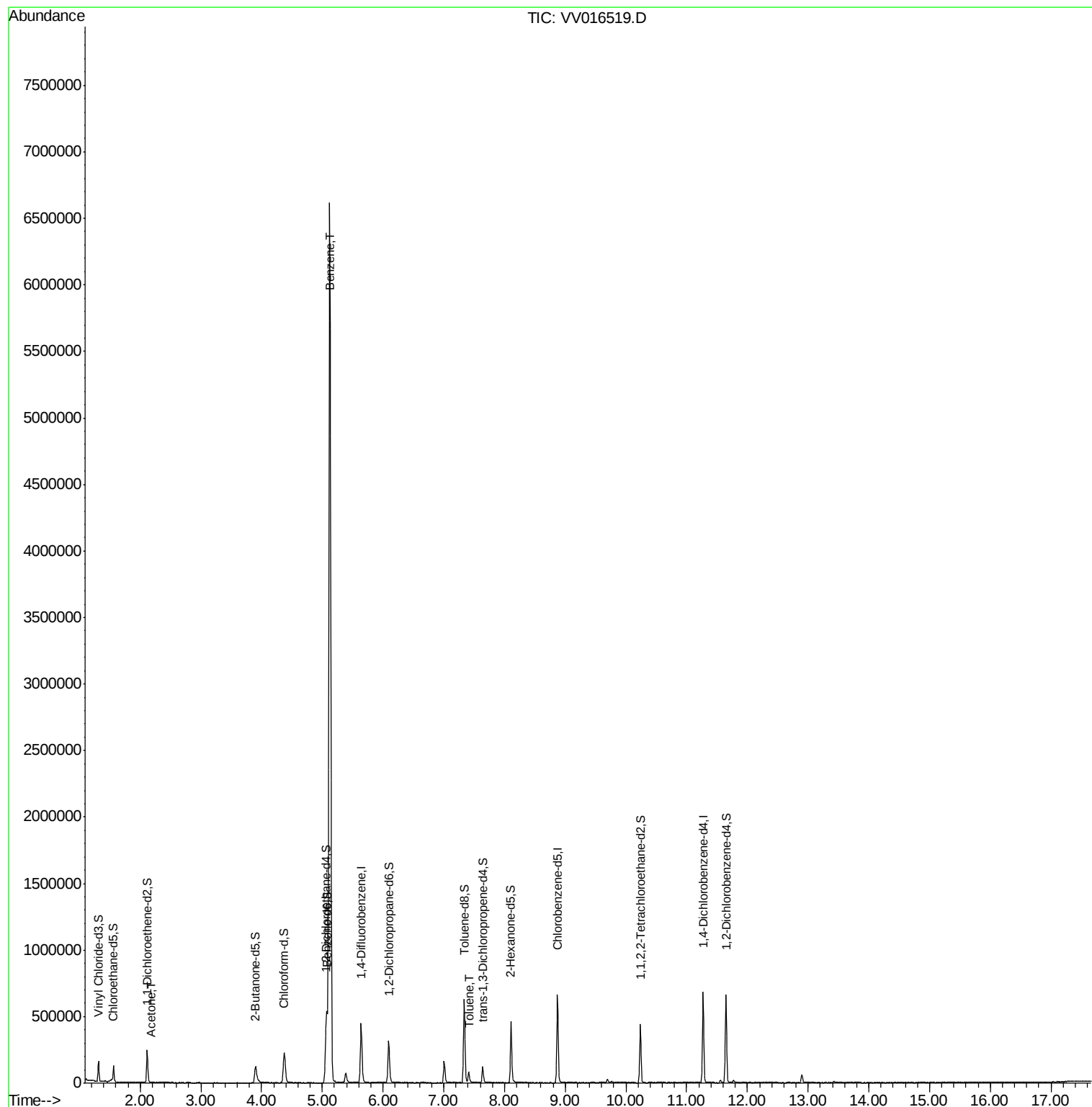
|             |      |    |         |              | Ovalue |
|-------------|------|----|---------|--------------|--------|
| 13) Acetone | 2.18 | 43 | 2928    | 1.878 ug/L   | 95     |
| 33) Benzene | 5.13 | 78 | 6377260 | 631.339 ug/L | 100    |
| 42) Toluene | 7.41 | 91 | 56022   | 5.234 ug/L   | 97     |

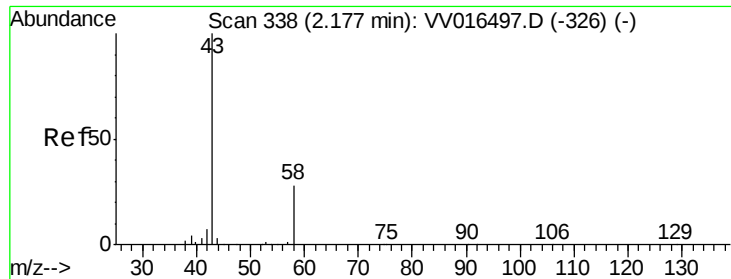
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.878 ug/L

RT: 2.18 min Scan# 339

Delta R.T. 0.00 min

Lab File: VV016519.D

Acq: 04 Jun 2020 19:16

Instrument :

MSVOA\_V

ClientSampleId :

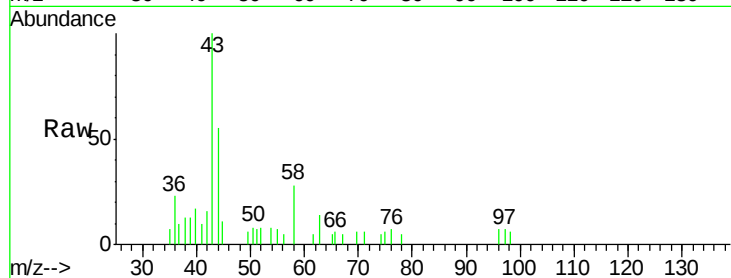
ETTP8

Tot Ion: 43 Resp: 2928

Ion Ratio Lower Upper

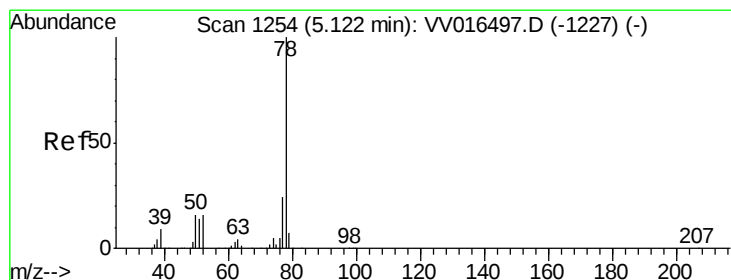
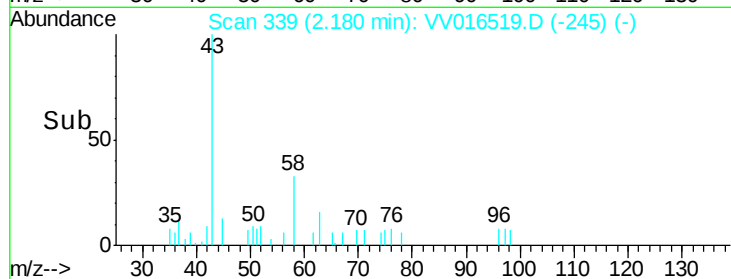
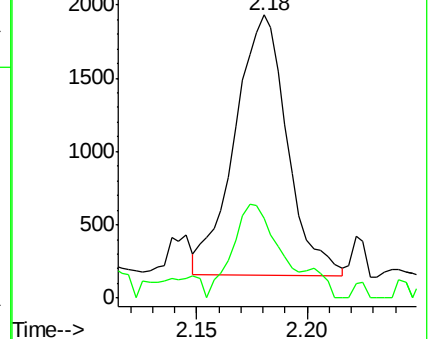
43 100

58 31.4 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016497.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV016497.D (-326) (-)



#33

Benzene

Concen: 631.339 ug/L

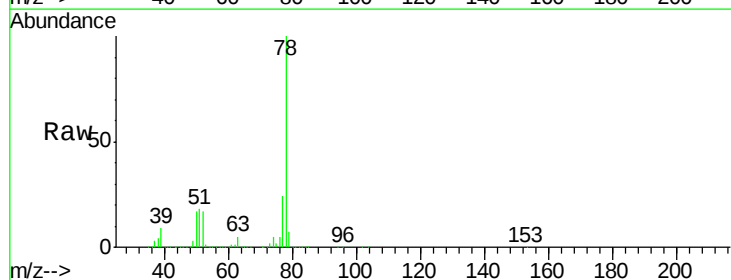
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

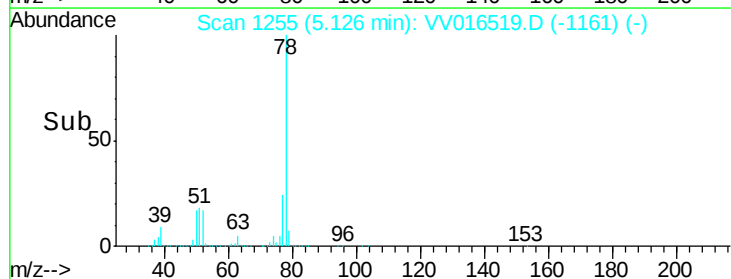
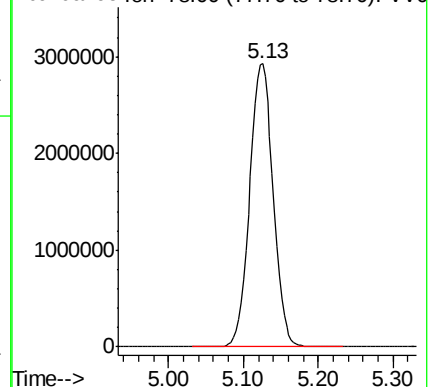
Lab File: VV016519.D

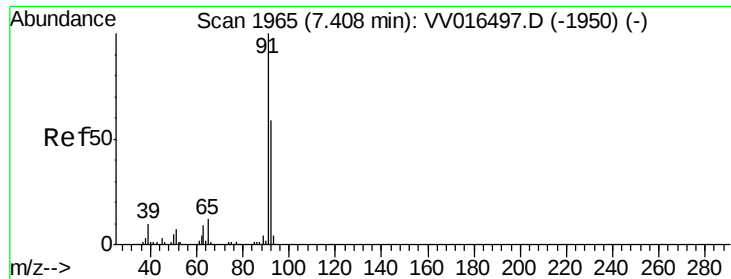
Acq: 04 Jun 2020 19:16

Tgt Ion: 78 Resp: 6377260



Abundance Ion 78.00 (77.70 to 78.70): VV016497.D (-1227) (-)





#42

Toluene

Concen: 5.234 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016519.D

Acq: 04 Jun 2020 19:16

Instrument :

MSVOA\_V

ClientSampleId :

ETTP8

Tot Ion: 91 Resp: 56022

Ion Ratio Lower Upper

91 100

92 55.9 40.9 75.9

