

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\  
 Data File : VV018552.D  
 Acq On : 30 Sep 2020 05:41  
 Operator : SY/MD  
 Sample : L4144-02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COAMO

Quant Time: Sep 30 06:16:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 30 04:50:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 345878   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 337793   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 167736   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 88413    | 43.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.18%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 87735    | 52.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.62% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 149752   | 36.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.46%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 147544   | 97.51    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.51%  |
| 24) Chloroform-d               | 4.38    | 84    | 202331   | 46.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.26%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 136193   | 48.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.82%  |
| 32) Benzene-d6                 | 5.07    | 84    | 407833   | 47.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.34%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 129089   | 49.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.86%  |
| 41) Toluene-d8                 | 7.34    | 98    | 381312   | 47.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.74%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 60143    | 43.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.12%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 78407    | 79.85    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.85%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 144588   | 42.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.38%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 166305   | 51.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.10% |

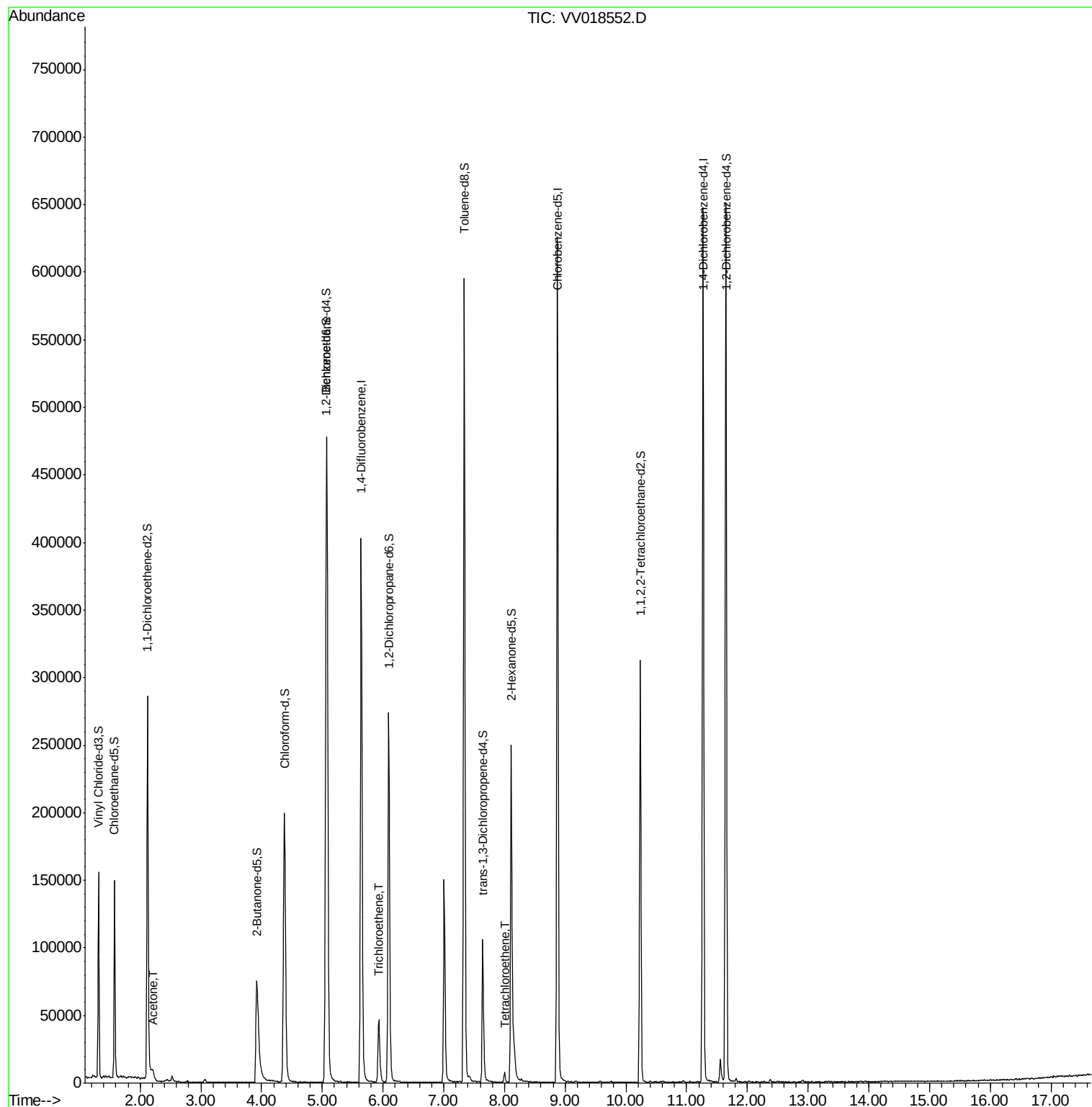
| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 13) Acetone           | 2.21 | 43  | 12536 | 9.590 ug/L | 98     |
| 34) Trichloroethene   | 5.94 | 95  | 3153  | 1.094 ug/L | 92     |
| 46) Tetrachloroethene | 8.00 | 164 | 1878  | 0.803 ug/L | 93     |

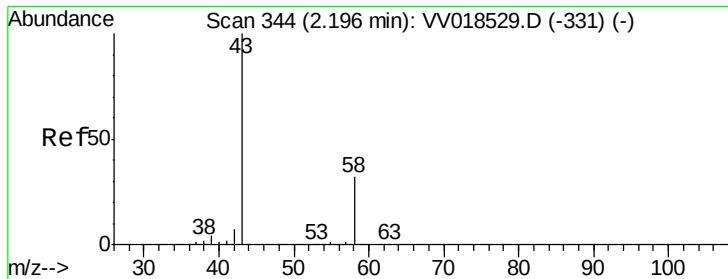
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed Sep 30 04:50:47 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 9.590 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV018552.D

Acq: 30 Sep 2020 05:41

Instrument :

MSVOA\_V

ClientSampleId :

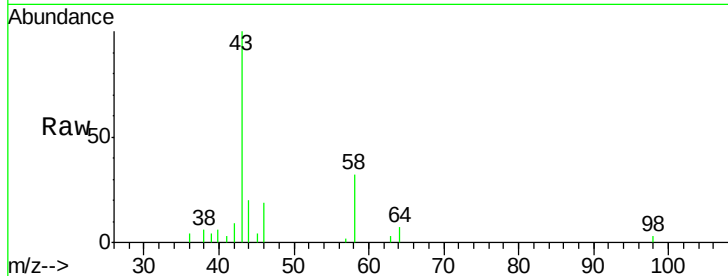
COAM0

Tot Ion: 43 Resp: 12536

Ion Ratio Lower Upper

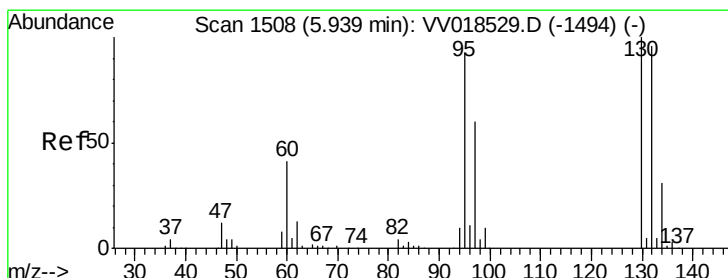
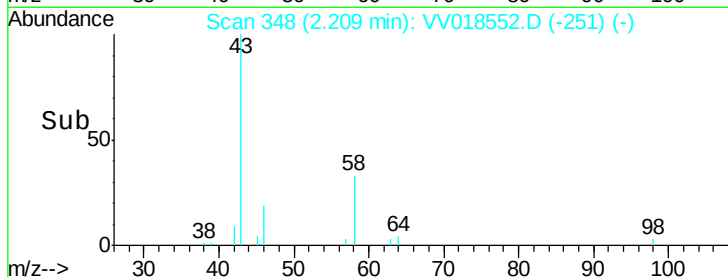
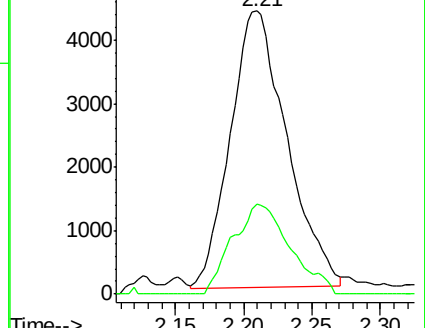
43 100

58 33.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018529.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV018529.D (-331) (-)



#34

Trichloroethene

Concen: 1.094 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV018552.D

Acq: 30 Sep 2020 05:41

Tgt Ion: 95 Resp: 3153

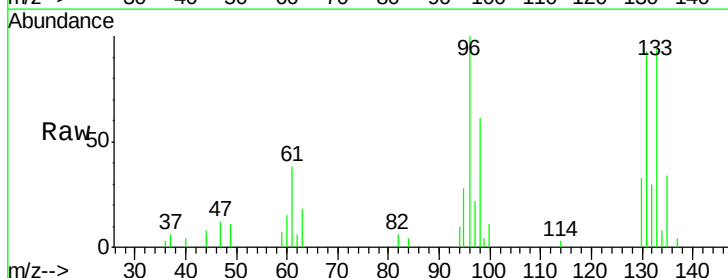
Ion Ratio Lower Upper

95 100

97 77.1 45.9 85.3

132 106.5 70.8 131.4

130 115.4 75.3 139.8

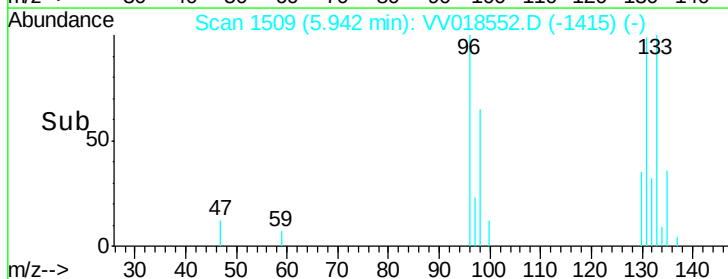
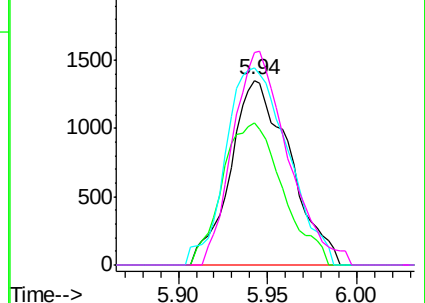


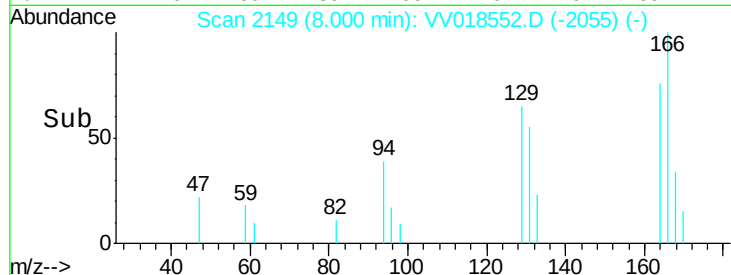
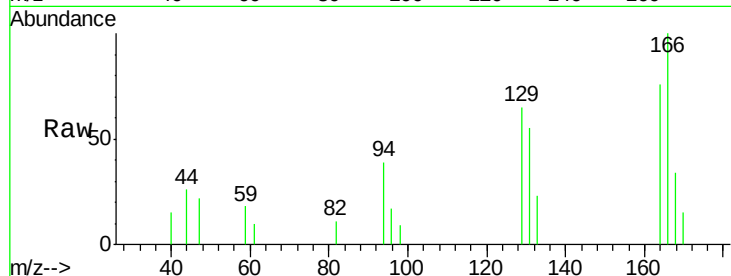
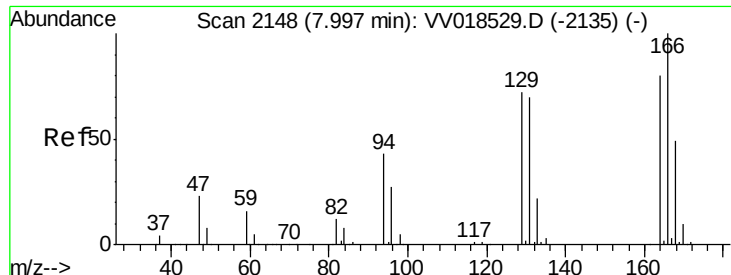
Abundance Ion 95.00 (94.70 to 95.70): VV018529.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018529.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV018529.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018529.D (-1494) (-)





#46

Tetrachloroethene

Concen: 0.803 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018552.D

Acq: 30 Sep 2020 05:41

Instrument :

MSVOA\_V

ClientSampleId :

COAM0

Tot Ion:164 Resp: 1878

Ion Ratio Lower Upper

164 100

129 86.3 62.8 116.6

131 72.9 60.8 112.8

166 132.4 88.9 165.1

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

