

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\  
 Data File : VV010482.D  
 Acq On : 25 Apr 2019 00:25  
 Operator : SY/MD  
 Sample : K2477-16  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0XA7

Quant Time: Apr 25 04:34:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Apr 25 04:02:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 220267   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 217048   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 103825   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 57318    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 45750    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 87543    | 3.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.40%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 143146   | 52.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.16% |
| 24) Chloroform-d               | 4.40   | 84    | 128773   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 67901    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.40% |
| 32) Benzene-d6                 | 5.10   | 84    | 257588   | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 76701    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.00% |
| 41) Toluene-d8                 | 7.36   | 98    | 233844   | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 24224    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 106240   | 46.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.88%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 56109    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 93271    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.20%  |

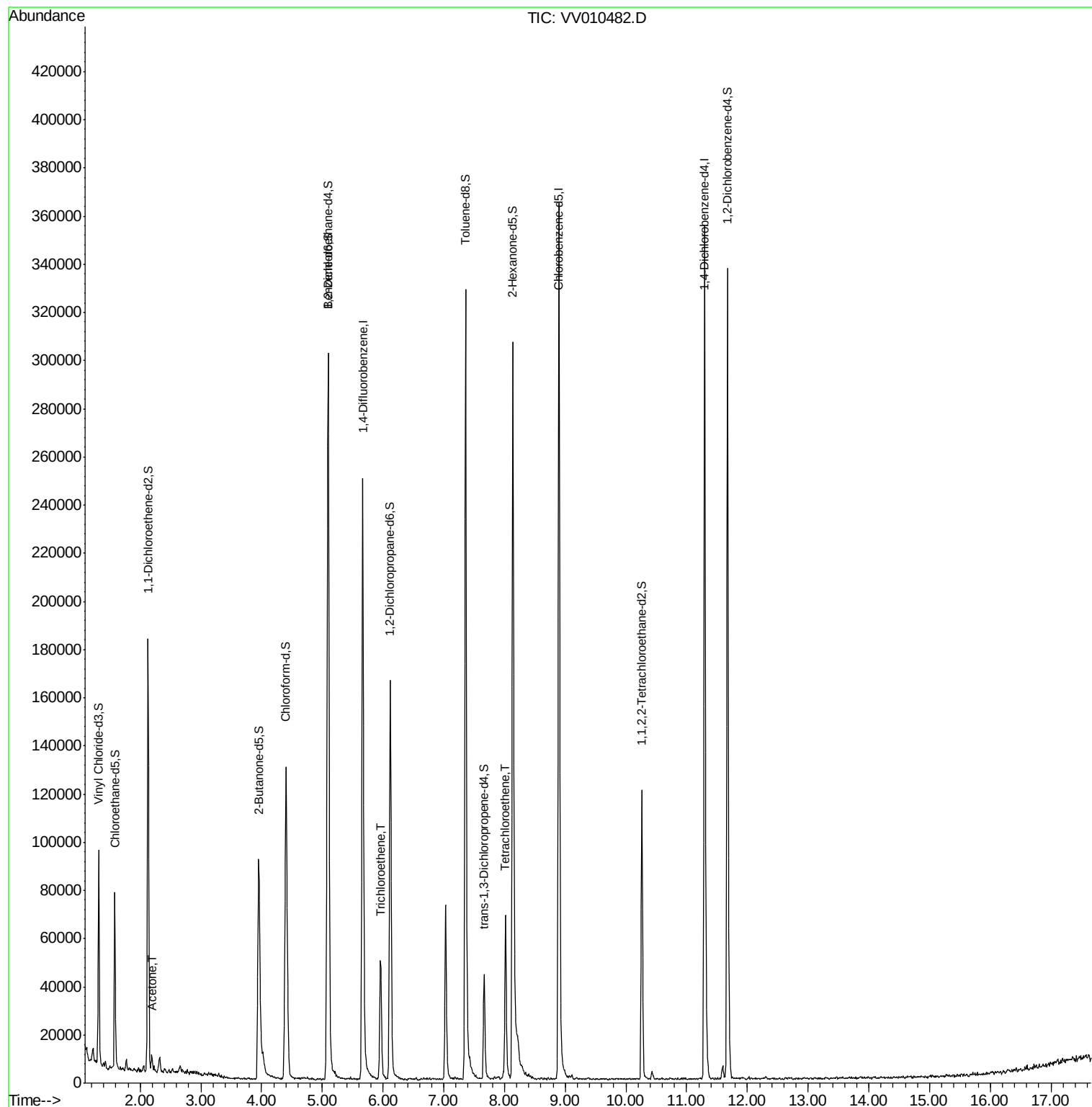
| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 13) Acetone           | 2.19 | 43  | 3852  | 2.352 ug/L | 96     |
| 34) Trichloroethene   | 5.96 | 95  | 16650 | 1.040 ug/L | 89     |
| 47) Tetrachloroethene | 8.02 | 164 | 16699 | 1.168 ug/L | 95     |

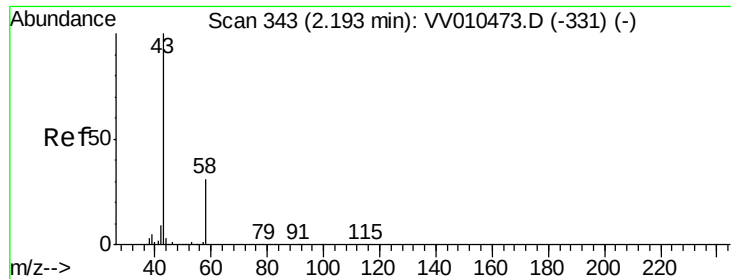
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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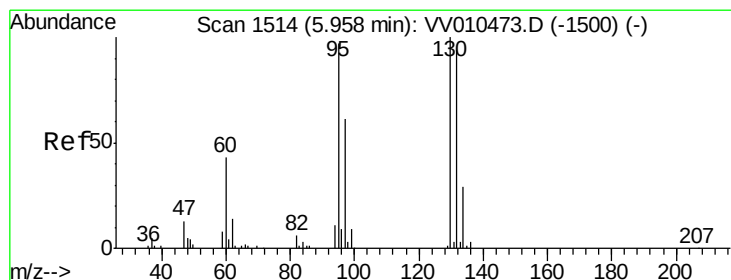
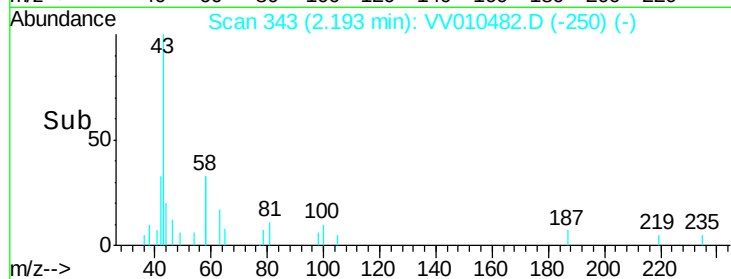
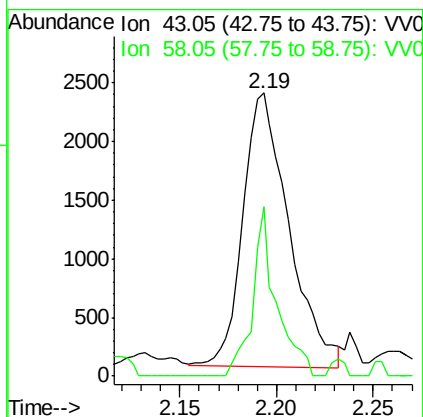
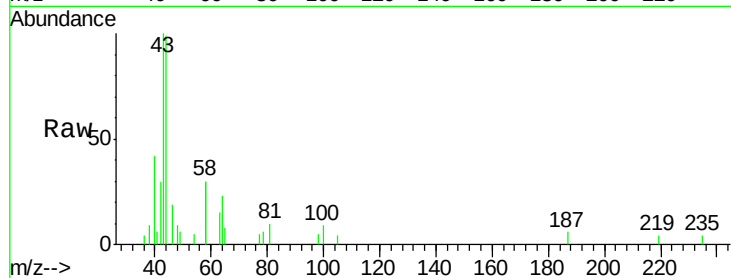




#13  
Acetone  
Concen: 2.352 ug/L  
RT: 2.19 min Scan# 343  
Delta R.T. -0.00 min  
Lab File: VV010482.D  
Acq: 25 Apr 2019 00:25

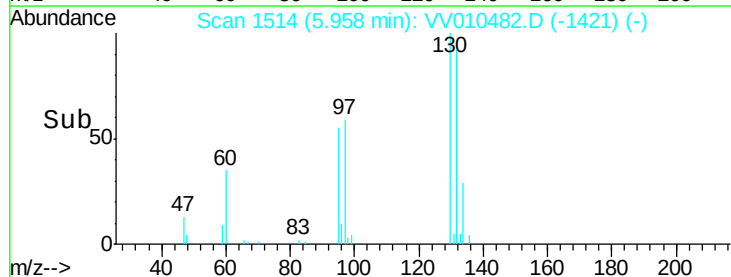
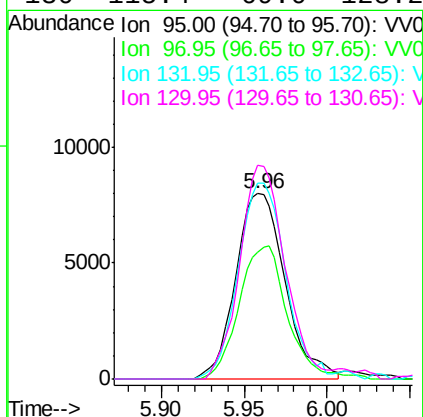
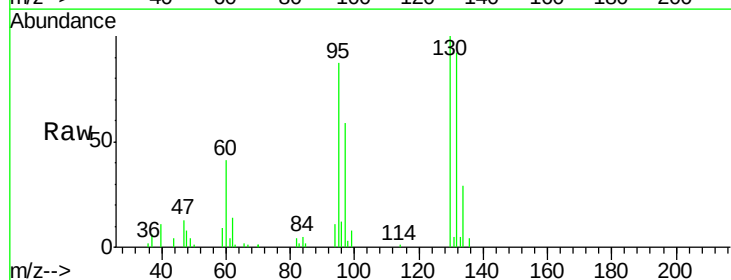
Instrument :  
MSVOA\_V  
ClientSampled :  
C0XA7

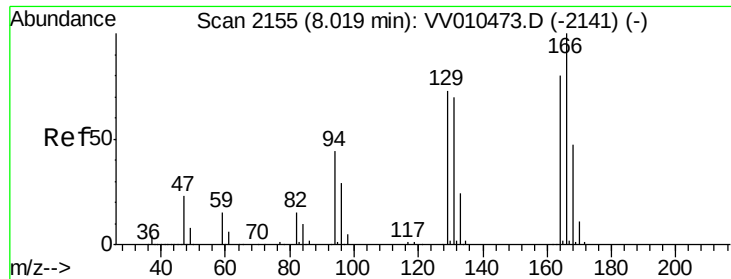
Tot Ion: 43 Resp: 3852  
Ion Ratio Lower Upper  
43 100  
58 32.1 0.0 59.6



#34  
Trichloroethene  
Concen: 1.040 ug/L  
RT: 5.96 min Scan# 1514  
Delta R.T. 0.00 min  
Lab File: VV010482.D  
Acq: 25 Apr 2019 00:25

Tgt Ion: 95 Resp: 16650  
Ion Ratio Lower Upper  
95 100  
97 68.5 45.6 84.6  
132 106.0 67.8 126.0  
130 115.4 69.0 128.2





#47

Tetrachloroethene

Concen: 1.168 ug/L

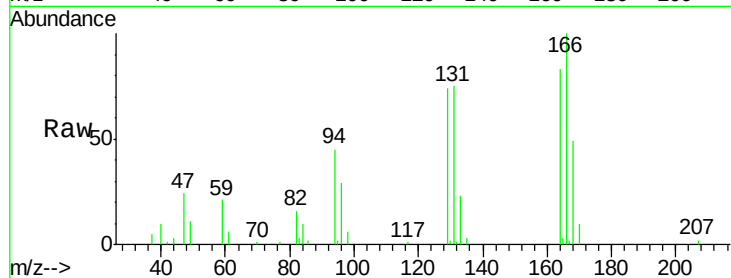
RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010482.D

Acq: 25 Apr 2019 00:25

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MSVOA\_V  
ClientSampleId :  
C0XA7



Tot Ion:164 Resp: 16699

Ion Ratio Lower Upper

164 100

129 88.4 69.7 129.4

131 90.1 63.8 118.6

166 120.1 87.4 162.2

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

