

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111219\  
 Data File : VV013589.D  
 Acq On : 12 Nov 2019 15:15  
 Operator : SY/MD  
 Sample : K5797-02  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AL9

Quant Time: Nov 13 05:50:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR110819WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 13 04:27:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 385994   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 388610   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 167369   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 68289    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 73882    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 91695    | 2.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.00%# |
| 20) 2-Butanone-d5              | 3.94   | 46    | 226649   | 38.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 77.72%  |
| 24) Chloroform-d               | 4.40   | 84    | 218510   | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.60% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 111583   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.20% |
| 32) Benzene-d6                 | 5.09   | 84    | 352193   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 130135   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 262551   | 3.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.20%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 43040    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.20%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 223795   | 54.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 109.46% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 106308   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 144431   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.40% |

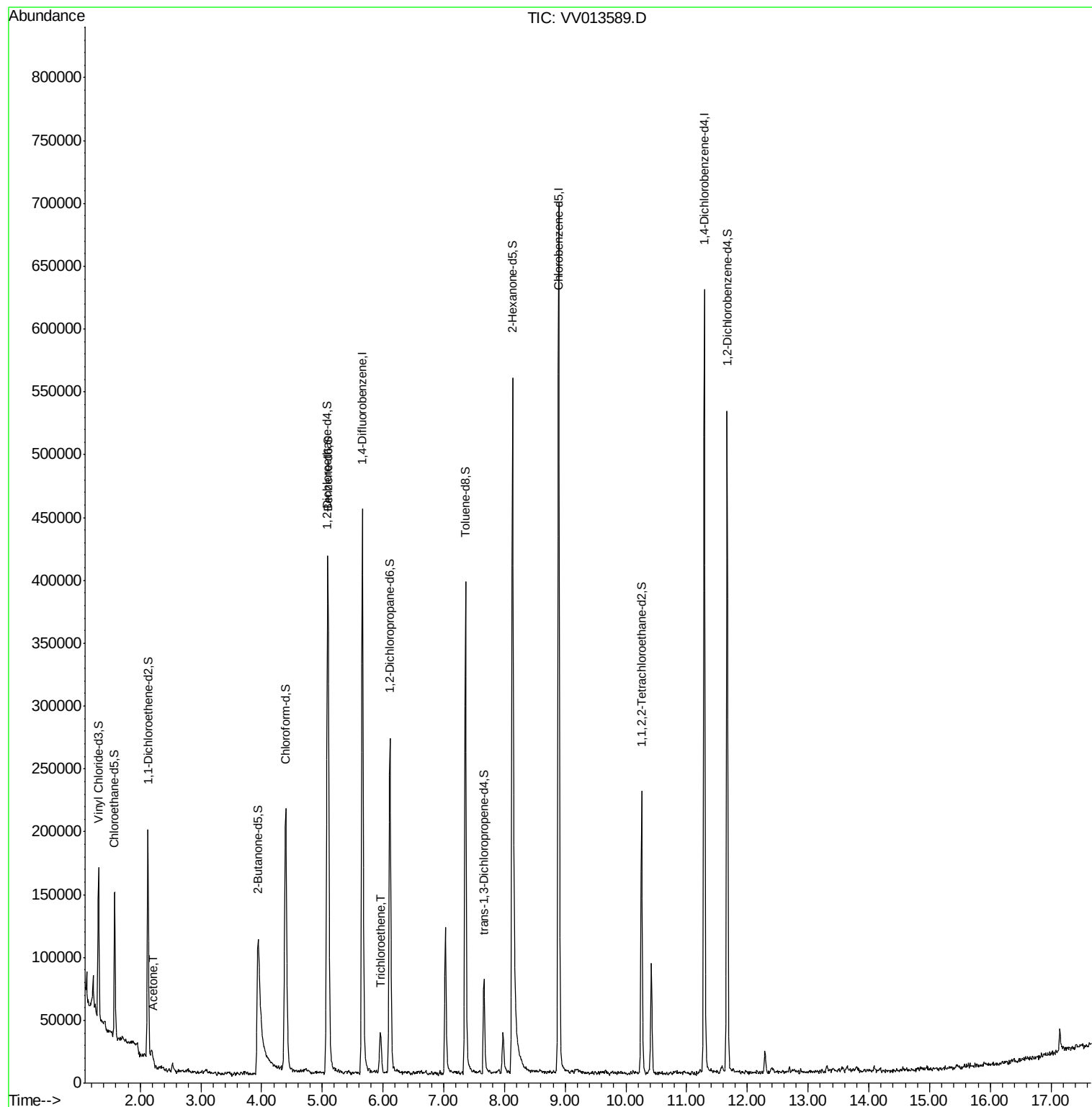
| Target Compounds    |      |    |       |            | Ovalue |
|---------------------|------|----|-------|------------|--------|
| 13) Acetone         | 2.21 | 43 | 14458 | 4.086 ug/L | 98     |
| 34) Trichloroethene | 5.96 | 95 | 11555 | 0.355 ug/L | 97     |

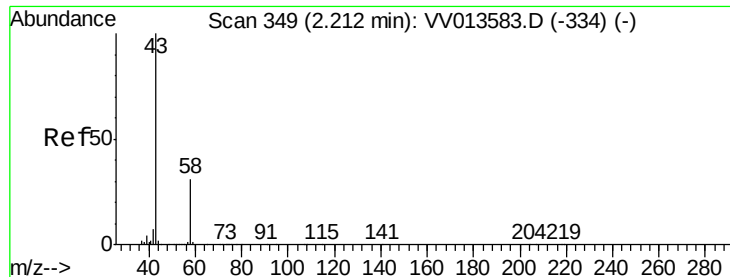
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.086 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV013589.D

Acq: 12 Nov 2019 15:15

Instrument :

MSVOA\_V

ClientSampled :

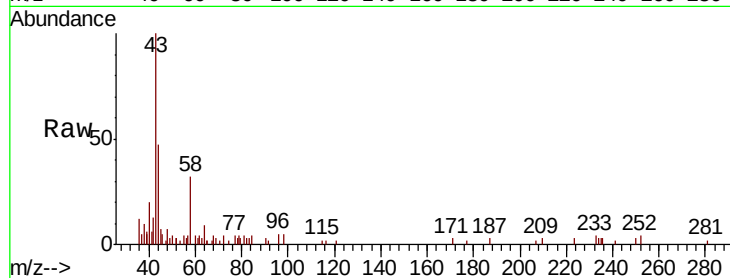
C0AL9

Tot Ion: 43 Resp: 14458

Ion Ratio Lower Upper

43 100

58 31.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

5000

4000

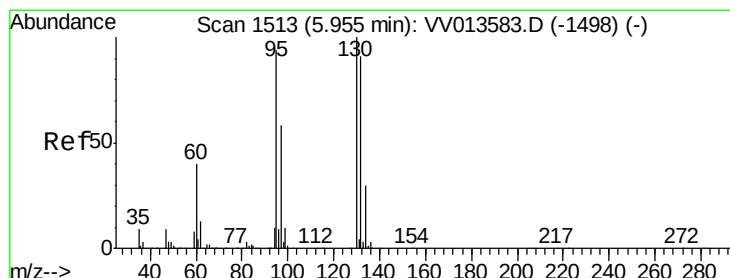
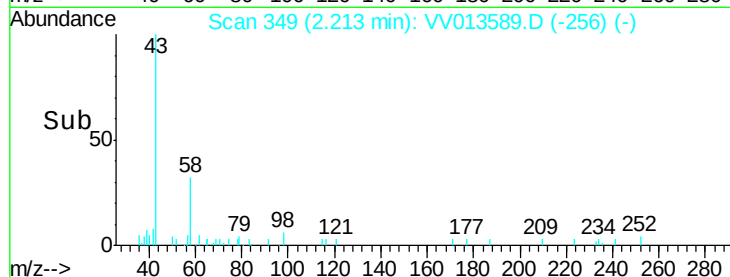
3000

2000

1000

0

Time-->



#34

Trichloroethene

Concen: 0.355 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013589.D

Acq: 12 Nov 2019 15:15

Tgt Ion: 95 Resp: 11555

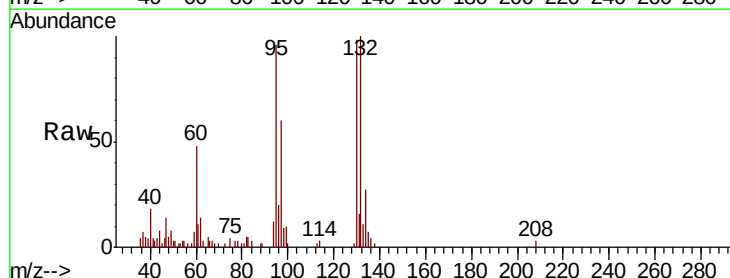
Ion Ratio Lower Upper

95 100

97 62.0 44.7 83.1

132 104.0 71.6 133.0

130 102.2 74.6 138.6



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): VV0

Ion 129.95 (129.65 to 130.65): VV0

8000

6000

4000

2000

0

Time-->

