

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\  
 Data File : VV016385.D  
 Acq On : 31 May 2020 13:50  
 Operator : SY/MD  
 Sample : L2780-06  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AM4

Quant Time: Jun 01 08:00:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR053020WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 01 07:14:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 73849    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 72319    | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 31107    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 31346    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 97.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 23838    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 42782    | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.60%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 70851    | 50.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.58% |
| 24) Chloroform-d               | 4.38   | 84    | 53115    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 29425    | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.40% |
| 32) Benzene-d6                 | 5.08   | 84    | 103007   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.20% |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 31215    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.40%  |
| 41) Toluene-d8                 | 7.34   | 98    | 89007    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.80%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 9816     | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.80%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 49637    | 46.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.22%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 22098    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.60%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 30709    | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.40% |

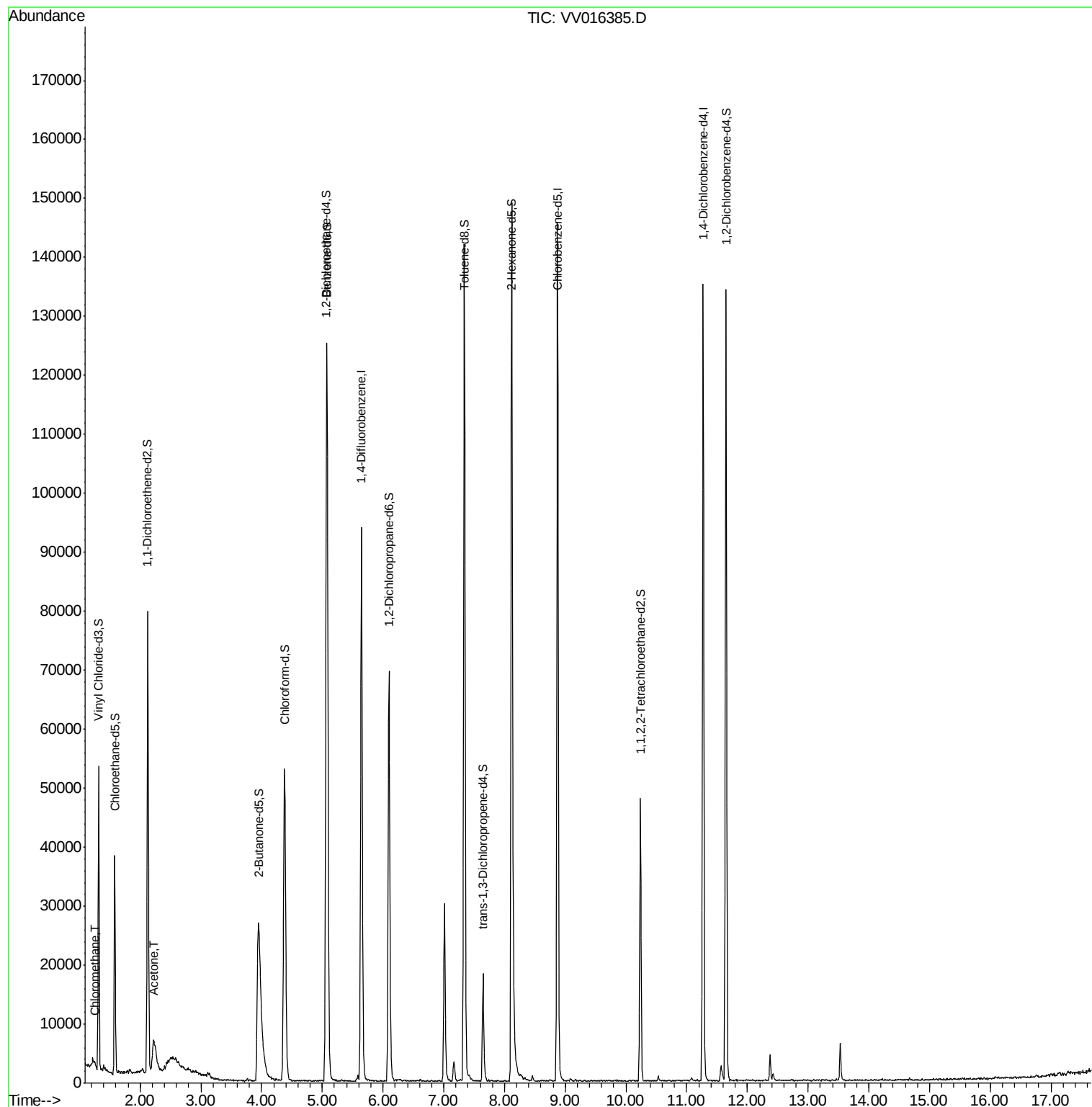
| Target Compounds |      |    |       |             | Ovalue |
|------------------|------|----|-------|-------------|--------|
| 3) Chloromethane | 1.25 | 50 | 826   | 0.112 ug/L  | 95     |
| 13) Acetone      | 2.22 | 43 | 13427 | 14.310 ug/L | 63     |

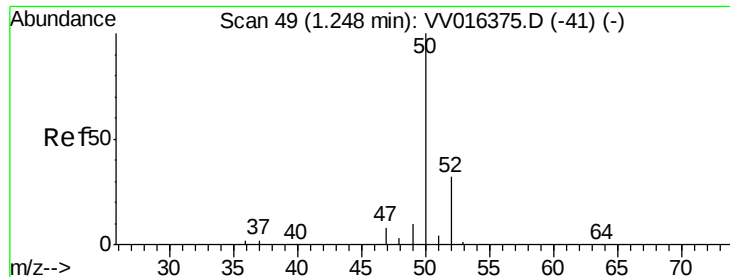
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 07:14:30 2020  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.112 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV016385.D

Acq: 31 May 2020 13:50

Instrument :

MSVOA\_V

ClientSampleId :

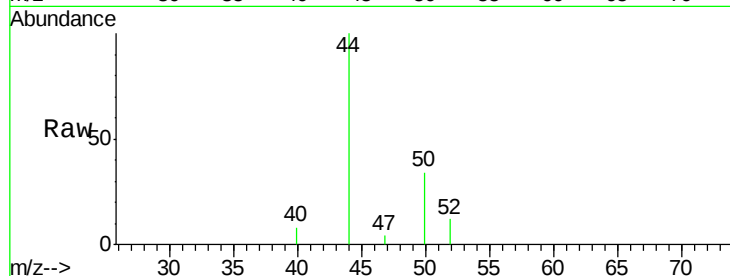
C0AM4

Tot Ion: 50 Resp: 826

Ion Ratio Lower Upper

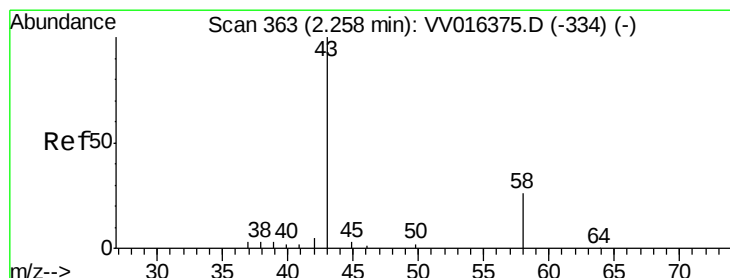
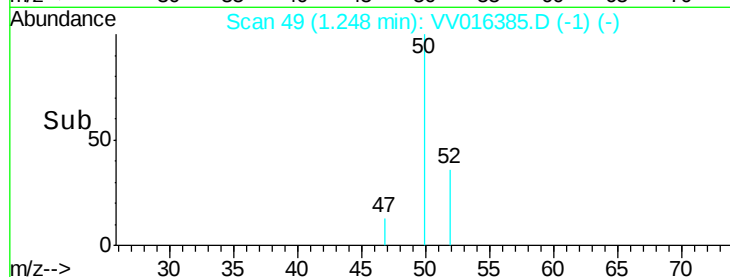
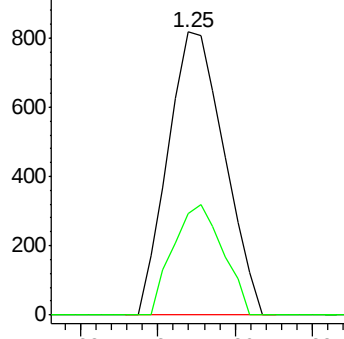
50 100

52 35.7 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 14.310 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.04 min

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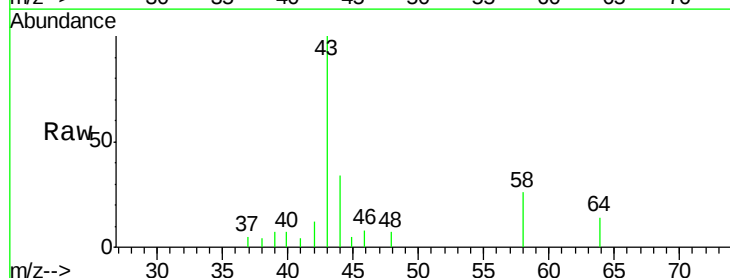
Acq: 31 May 2020 13:50

Tgt Ion: 43 Resp: 13427

Ion Ratio Lower Upper

43 100

58 9.4 0.0 59.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

