

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030520\  
 Data File : VV014754.D  
 Acq On : 05 Mar 2020 12:51  
 Operator : SY/MD  
 Sample : L1782-09  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB3

Manual Integrations  
 APPROVED

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 3/9/2020 2:42:25 PM

Quant Time: Mar 06 03:55:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR022820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Mar 06 02:39:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 228223   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 216905   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 103487   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 67527    | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 75.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 60241    | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 91957    | 3.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.60%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 186698   | 50.55    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.10% |
| 24) Chloroform-d               | 4.40   | 84    | 141263   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 79991    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 304725   | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 97234    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 267231   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.00%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 33359    | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 130226   | 42.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 84.60%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 67979    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 101279   | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.40% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 3) Chloromethane | 1.25 | 50 | 5858  | 0.254 ug/L | 95     |
| 13) Acetone      | 2.22 | 43 | 7717m | 3.105 ug/L |        |
| 25) Chloroform   | 4.42 | 83 | 13470 | 0.404 ug/L | 92     |

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

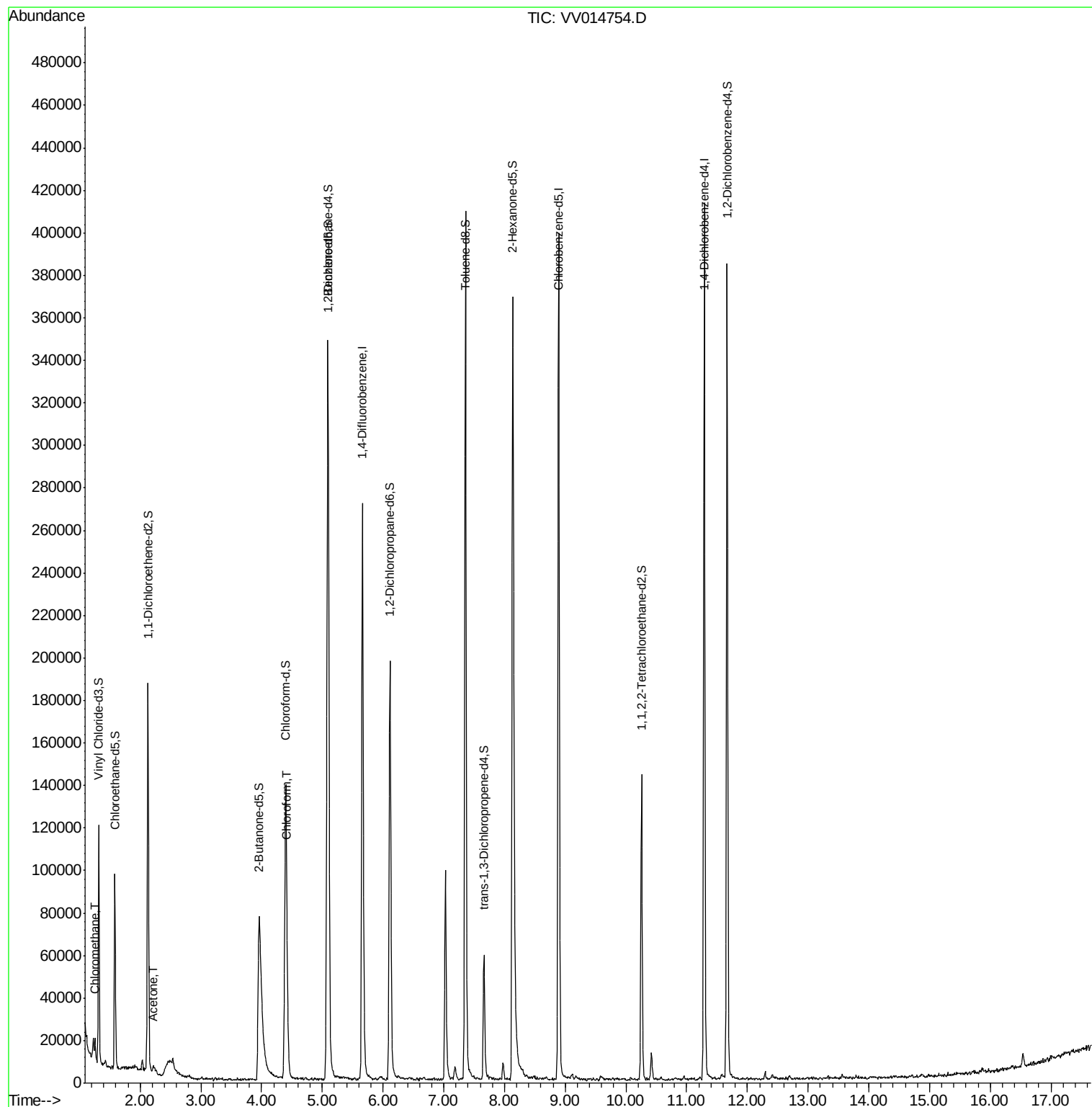
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV030520\  
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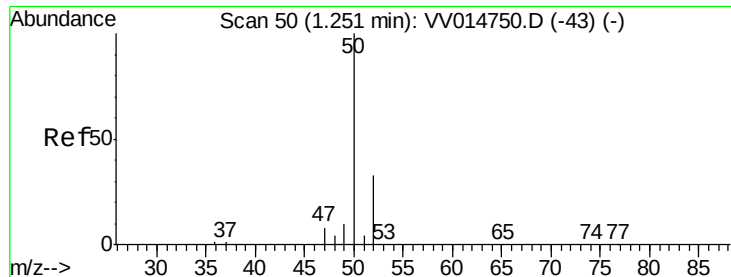
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Mar 06 02:39:22 2020  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.254 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014754.D

Acq: 05 Mar 2020 12:51

Instrument :

MSVOA\_V

ClientSampled :

C0AB3

Tot Ion: 50 Resp: 5858

Ion Ratio Lower Upper

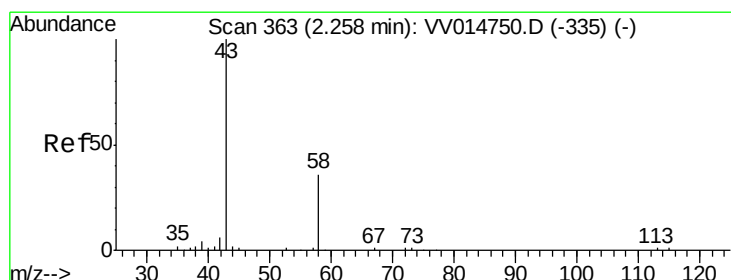
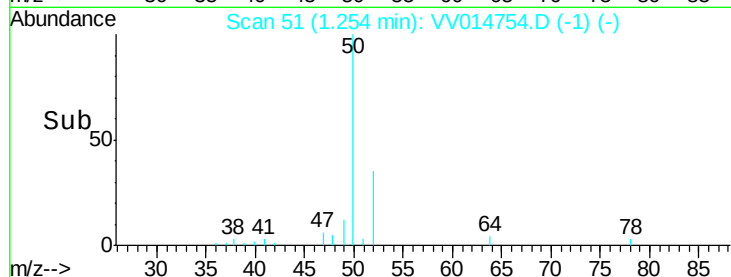
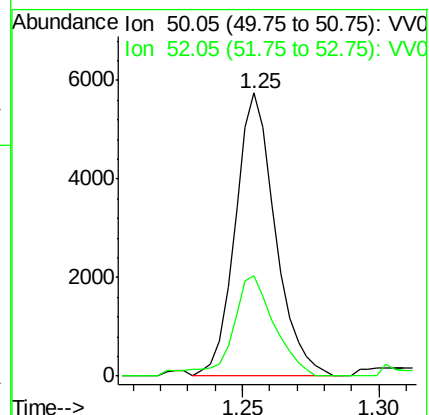
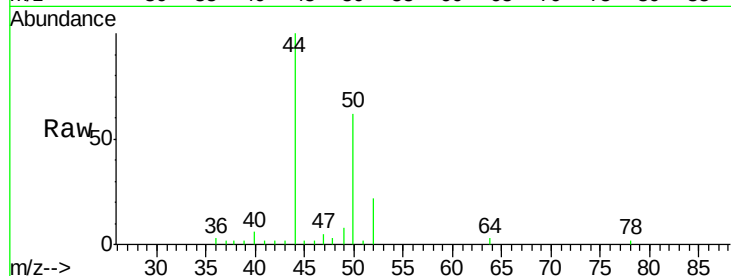
50 100

52 35.3 22.9 42.5

Manual Integrations  
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#13

Acetone

Concen: 3.105 ug/L m

RT: 2.22 min Scan# 351

Delta R.T. -0.04 min

Lab File: VV014754.D

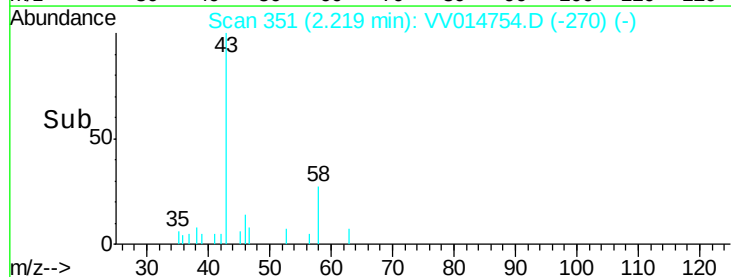
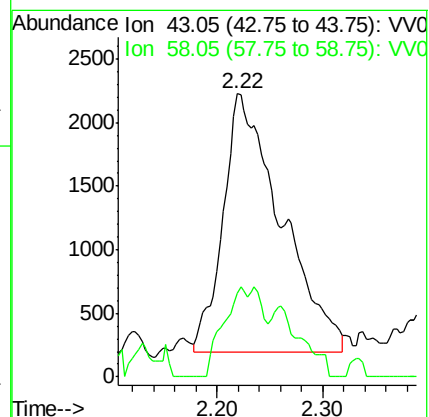
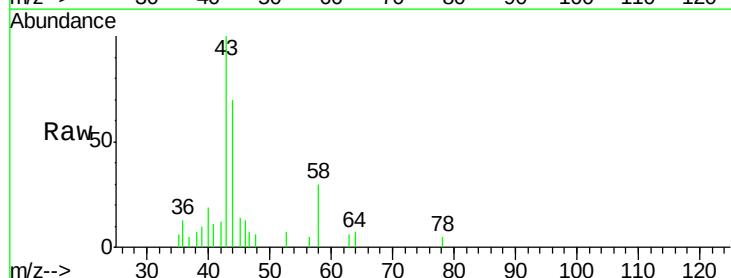
Acq: 05 Mar 2020 12:51

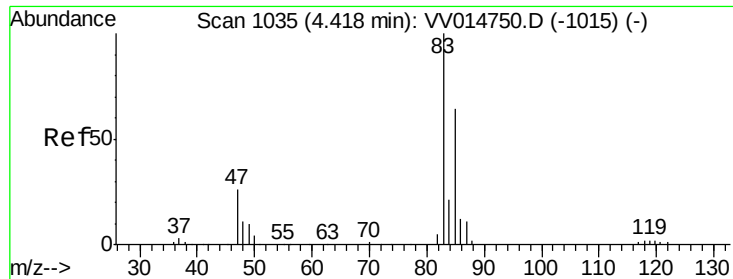
Tgt Ion: 43 Resp: 7717

Ion Ratio Lower Upper

43 100

58 14.5 0.0 20.0





#25

Chloroform

Concen: 0.404 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014754.D

Acq: 05 Mar 2020 12:51

Instrument :

MSVOA\_V

ClientSampleId :

C0AB3

Tot Ion: 83 Resp: 13470

Ion Ratio Lower Upper

83 100

85 70.2 44.7 83.1

Manual Integrations

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