

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090820\  
 Data File : VU040050.D  
 Acq On : 08 Sep 2020 13:14  
 Operator : SY/MD  
 Sample : L3927-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFW59

Manual Integrations  
 APPROVED

MMDadoda  
 9/11/2020 9:54:43 AM

Quant Time: Sep 09 02:41:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Sep 09 01:36:31 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 114485   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 114055   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 52475    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 26991    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.40%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 25530    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 51026    | 3.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.60%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 142273   | 56.90    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.80% |
| 24) Chloroform-d               | 5.08   | 84    | 69572    | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 45665    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.40% |
| 32) Benzene-d6                 | 5.74   | 84    | 130168   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 43164    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.40%  |
| 41) Toluene-d8                 | 7.90   | 98    | 108672   | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.40%  |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 18382    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 105015   | 54.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 109.98% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 39374    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 45260    | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.60% |

| Target Compounds     |      |    |        |            | Ovalue |
|----------------------|------|----|--------|------------|--------|
| 3) Chloromethane     | 1.53 | 50 | 17070  | 1.569 ug/L | 100    |
| 13) Acetone          | 2.67 | 43 | 18599m | 8.036 ug/L |        |
| 14) Carbon disulfide | 2.81 | 76 | 17673  | 0.622 ug/L | 97     |
| 25) Chloroform       | 5.10 | 83 | 6639   | 0.330 ug/L | 86     |

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

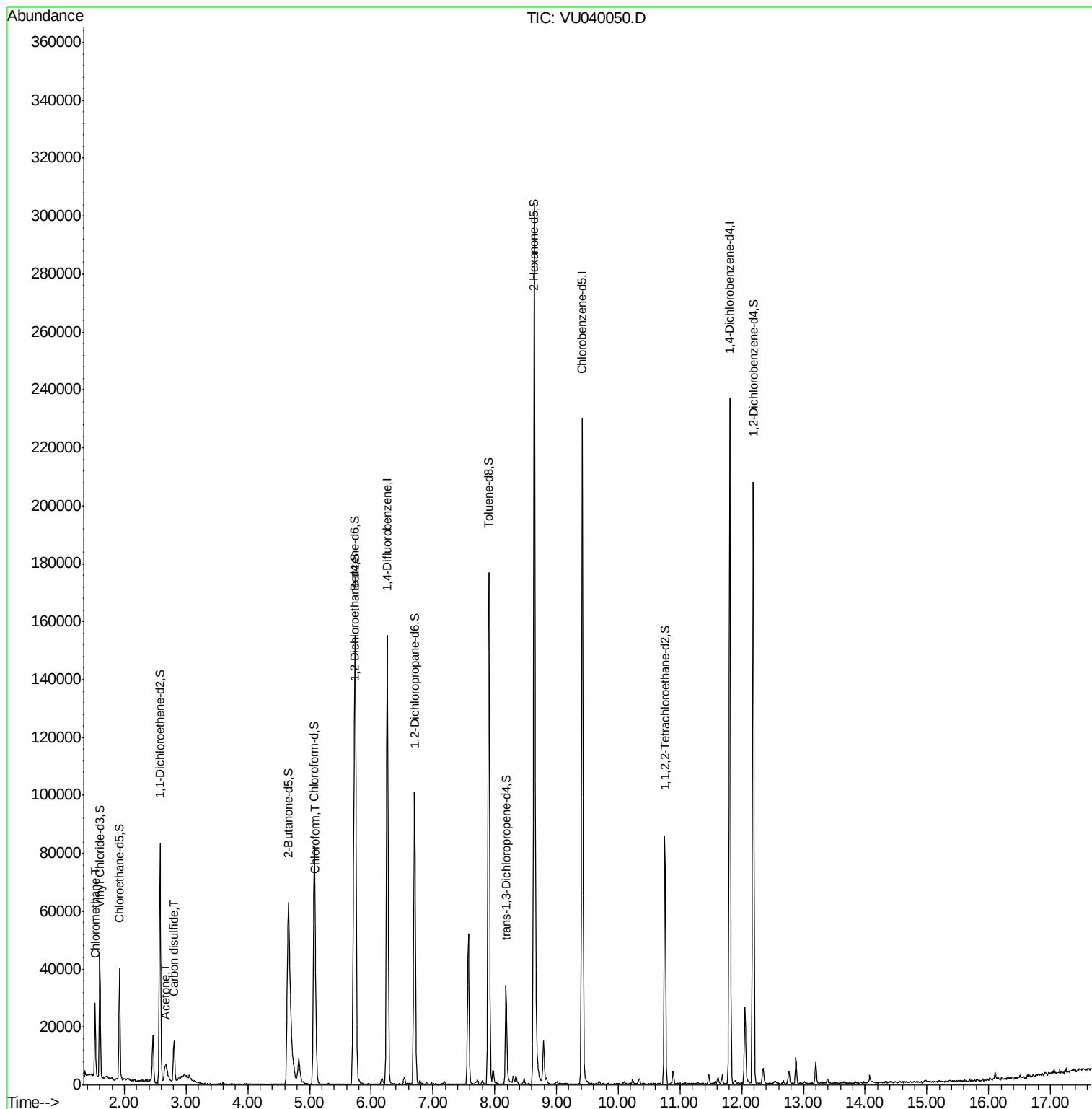
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090820\  
Data File : VU040050.D  
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ALS Vial : 6 Sample Multiplier: 1

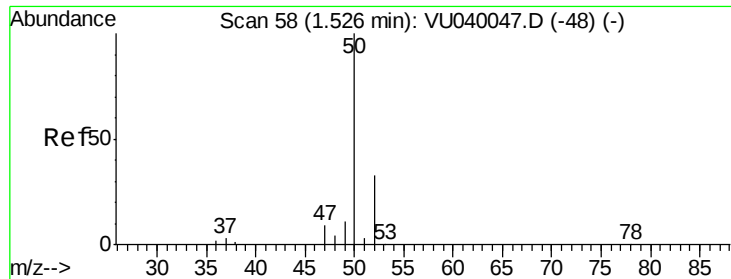
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFWS9

Manual Integrations  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR083120WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Sep 09 01:36:31 2020  
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.569 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040050.D

Acq: 08 Sep 2020 13:14

Instrument :

MSVOA\_U

ClientSampleId :

BFWS9

Tot Ion: 50 Resp: 17070

Ion Ratio Lower Upper

50 100

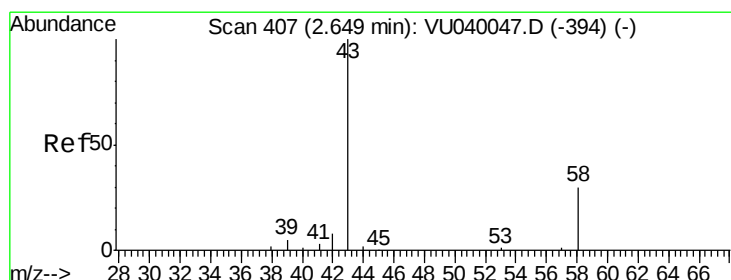
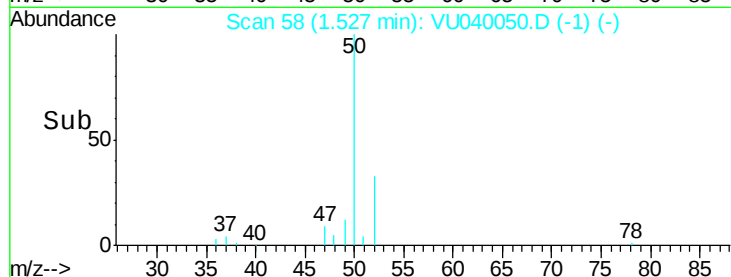
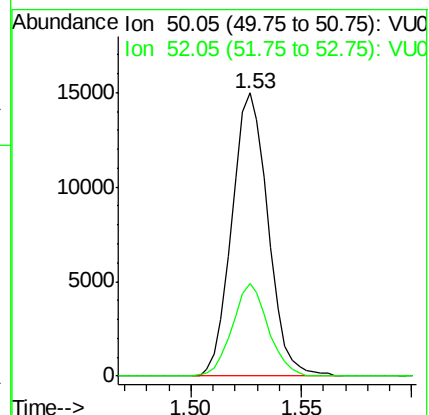
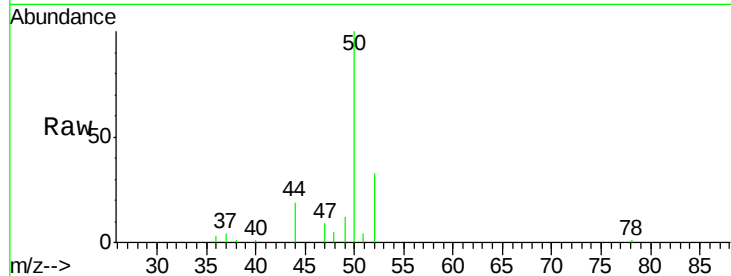
52 32.8 22.8 42.4

Manual Integrations

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9/11/2020 9:54:43 AM



#13

Acetone

Concen: 8.036 ug/L m

RT: 2.67 min Scan# 415

Delta R.T. 0.03 min

Lab File: VU040050.D

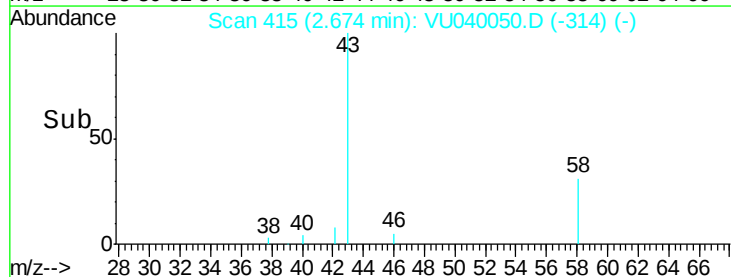
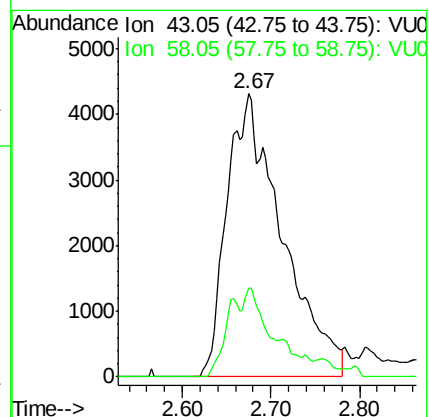
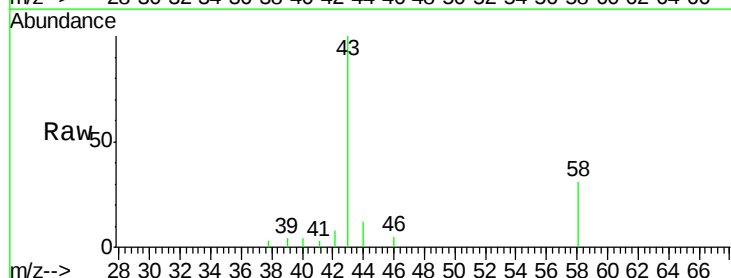
Acq: 08 Sep 2020 13:14

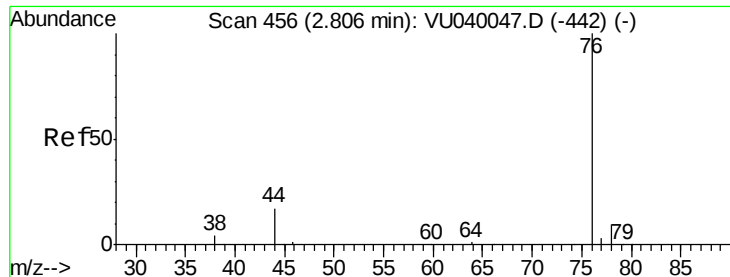
Tgt Ion: 43 Resp: 18599

Ion Ratio Lower Upper

43 100

58 7.9 0.0 55.4





#14

Carbon disulfide

Concen: 0.622 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040050.D

Acq: 08 Sep 2020 13:14

Instrument :

MSVOA\_U

ClientSampleId :

BFWS9

Tot Ion: 76 Resp: 17673

Ion Ratio Lower Upper

76 100

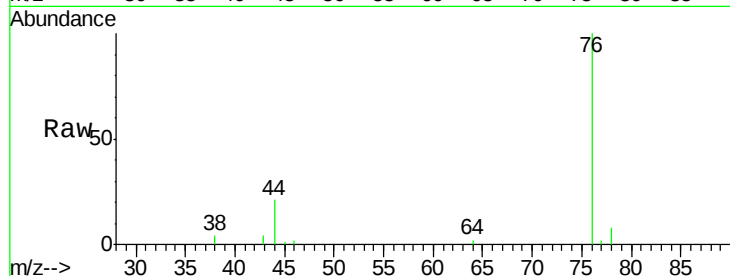
78 8.0 7.2 10.8

Manual Integrations

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Abundance Ion 76.05 (75.75 to 76.75): VU040047.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040047.D (-442) (-)

2.81

12000

10000

8000

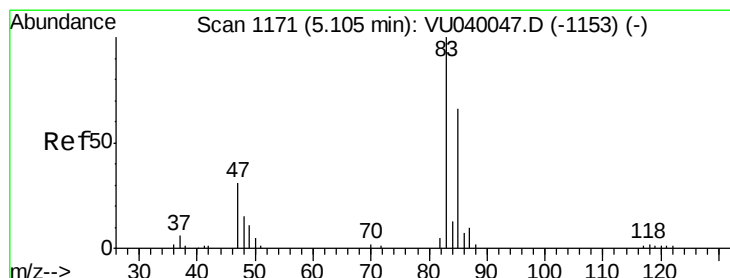
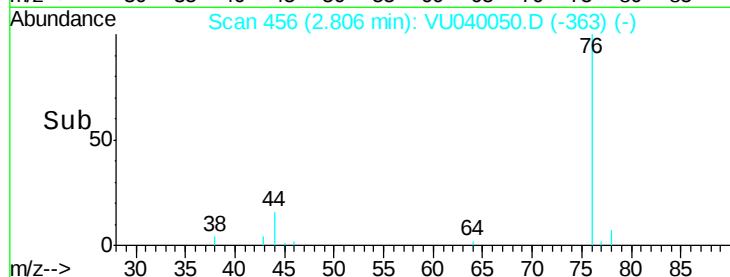
6000

4000

2000

0

Time-->



#25

Chloroform

Concen: 0.330 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040050.D

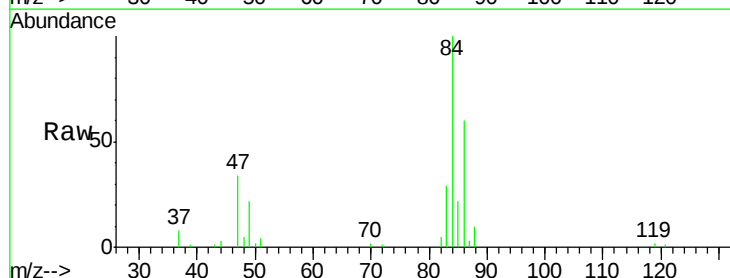
Acq: 08 Sep 2020 13:14

Tgt Ion: 83 Resp: 6639

Ion Ratio Lower Upper

83 100

85 75.9 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040047.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU040047.D (-1153) (-)

5.10

3000

2000

1000

0

Time-->

