

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100820\  
 Data File : VU040572.D  
 Acq On : 08 Oct 2020 19:27  
 Operator : SY/MD  
 Sample : L4286-09  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AQ9

Manual Integrations  
 APPROVED

MMDadoda  
 10/9/2020 5:48:25 PM

Quant Time: Oct 09 03:39:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 09 01:55:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 135473   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 135615   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 58021    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 55423    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 98.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 43749    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 101.00% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 81251    | 3.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.00%  |
| 20) 2-Butanone-d5              | 4.66   | 46    | 187483   | 52.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.38% |
| 24) Chloroform-d               | 5.08   | 84    | 97645    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 59649    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.40%  |
| 32) Benzene-d6                 | 5.75   | 84    | 185431   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 62509    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.00% |
| 41) Toluene-d8                 | 7.91   | 98    | 154088   | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.00%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 24876    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 135357   | 51.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.12% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 53412    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 60162    | 5.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 111.80% |

| Target Compounds |      |    |       | Ovalue          |
|------------------|------|----|-------|-----------------|
| 3) Chloromethane | 1.53 | 50 | 1178  | 0.103 ug/L # 81 |
| 13) Acetone      | 2.67 | 43 | 7101m | 2.550 ug/L      |

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

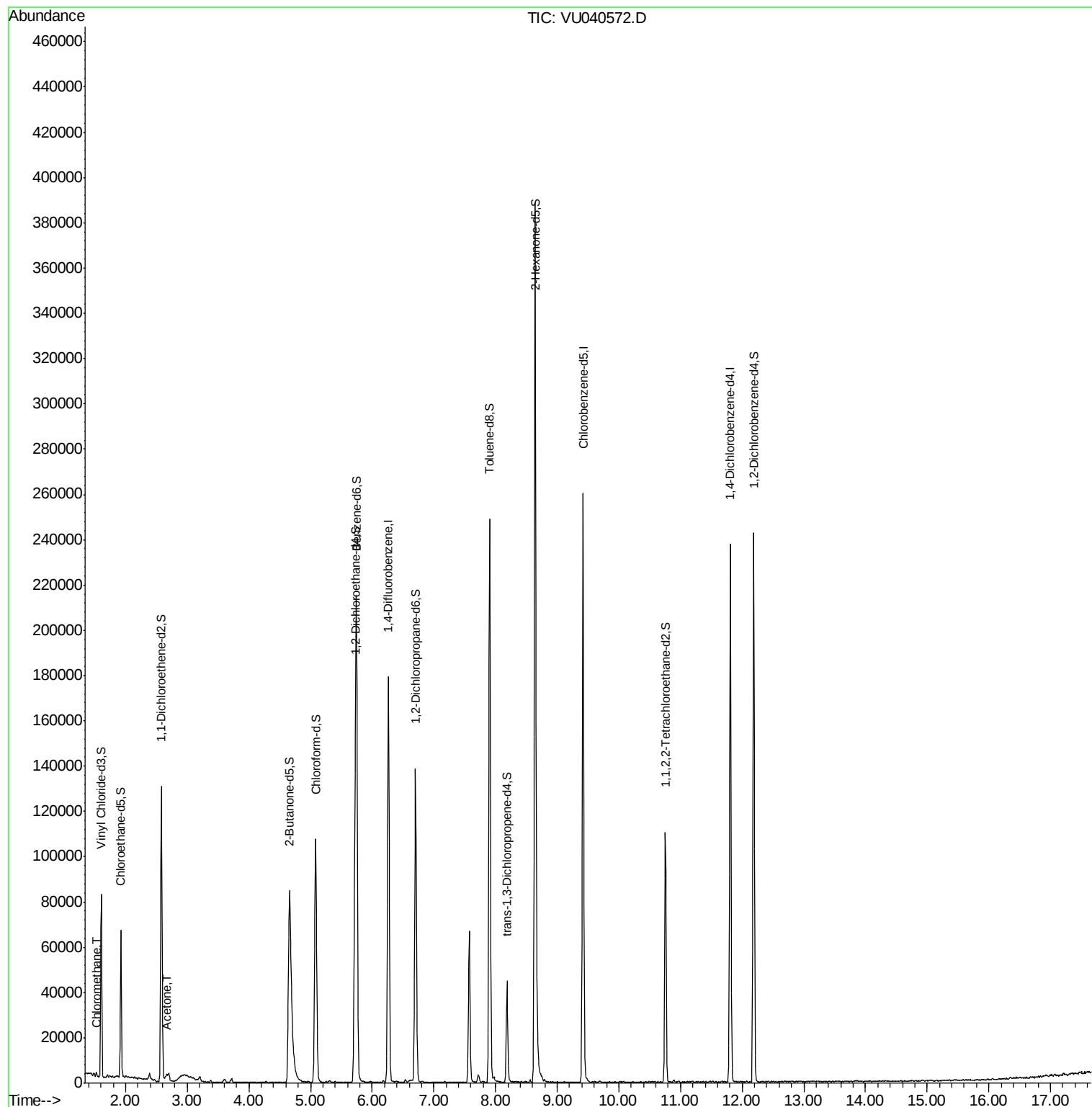
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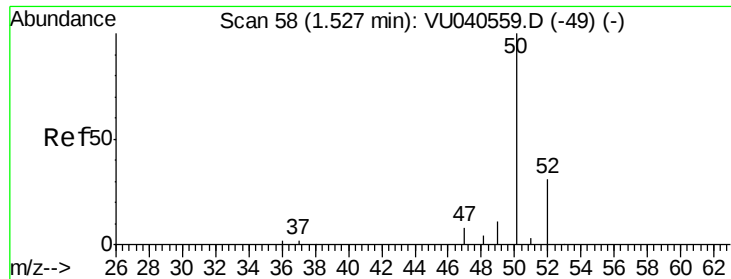
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#3

Chloromethane

Concen: 0.103 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040572.D

Acq: 08 Oct 2020 19:27

Instrument :

MSVOA\_U

ClientSampleId :

C0AQ9

Tot Ion: 50 Resp: 1178

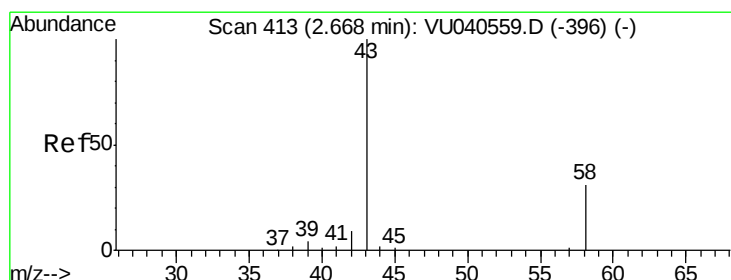
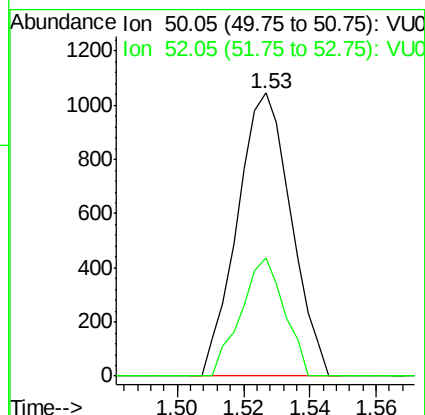
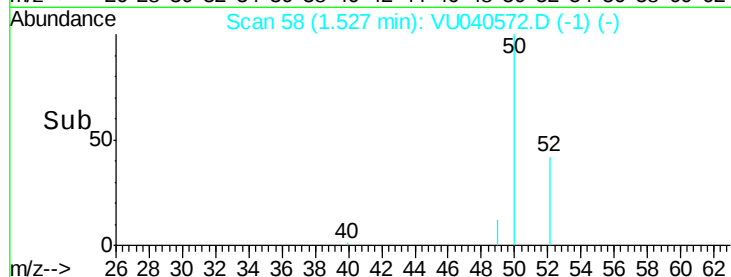
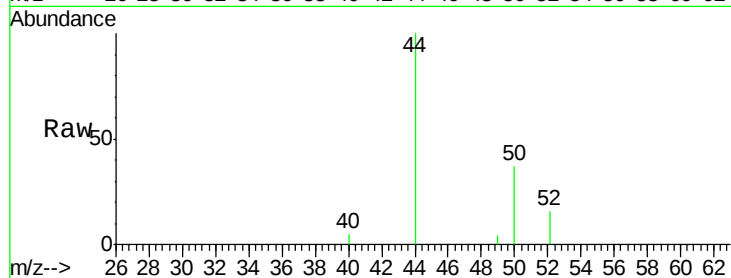
Ion Ratio Lower Upper

50 100

52 41.8 21.9 40.7#

Manual Integrations  
APPROVED

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10/9/2020 5:48:25 PM



#13

Acetone

Concen: 2.550 ug/L m

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU040572.D

Acq: 08 Oct 2020 19:27

Tgt Ion: 43 Resp: 7101

Ion Ratio Lower Upper

43 100

58 10.5 0.0 60.6

