

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU082019\  
 Data File : VU033855.D  
 Acq On : 20 Aug 2019 15:44  
 Operator : JC/SP  
 Sample : K4395-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COAH0

Manual Integrations  
 APPROVED

MMDadoda  
 8/21/2019 9:57:23 AM

Quant Time: Aug 21 07:51:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR082019WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Aug 21 05:39:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 192297   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 198451   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 88708    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 69751    | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.20%  |
| 7) Chloroethane-d5             | 1.67   | 69    | 64937    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 116839   | 3.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.00%  |
| 20) 2-Butanone-d5              | 4.16   | 46    | 144305   | 44.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 88.84%  |
| 24) Chloroform-d               | 4.62   | 84    | 125124   | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 67788    | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.00%  |
| 32) Benzene-d6                 | 5.31   | 84    | 244406   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 79298    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.00%  |
| 41) Toluene-d8                 | 7.55   | 98    | 207971   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 26797    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.00%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 90696    | 40.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.72%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 64564    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 85000    | 5.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.40% |

| Target Compounds |      |    |       |             | Qvalue |
|------------------|------|----|-------|-------------|--------|
| 13) Acetone      | 2.31 | 43 | 86080 | 34.658 ug/L | 100    |
| 21) 2-Butanone   | 4.26 | 43 | 6720m | 2.523 ug/L  |        |
| 30) Cyclohexane  | 4.97 | 56 | 9608  | 0.632 ug/L  | 97     |

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

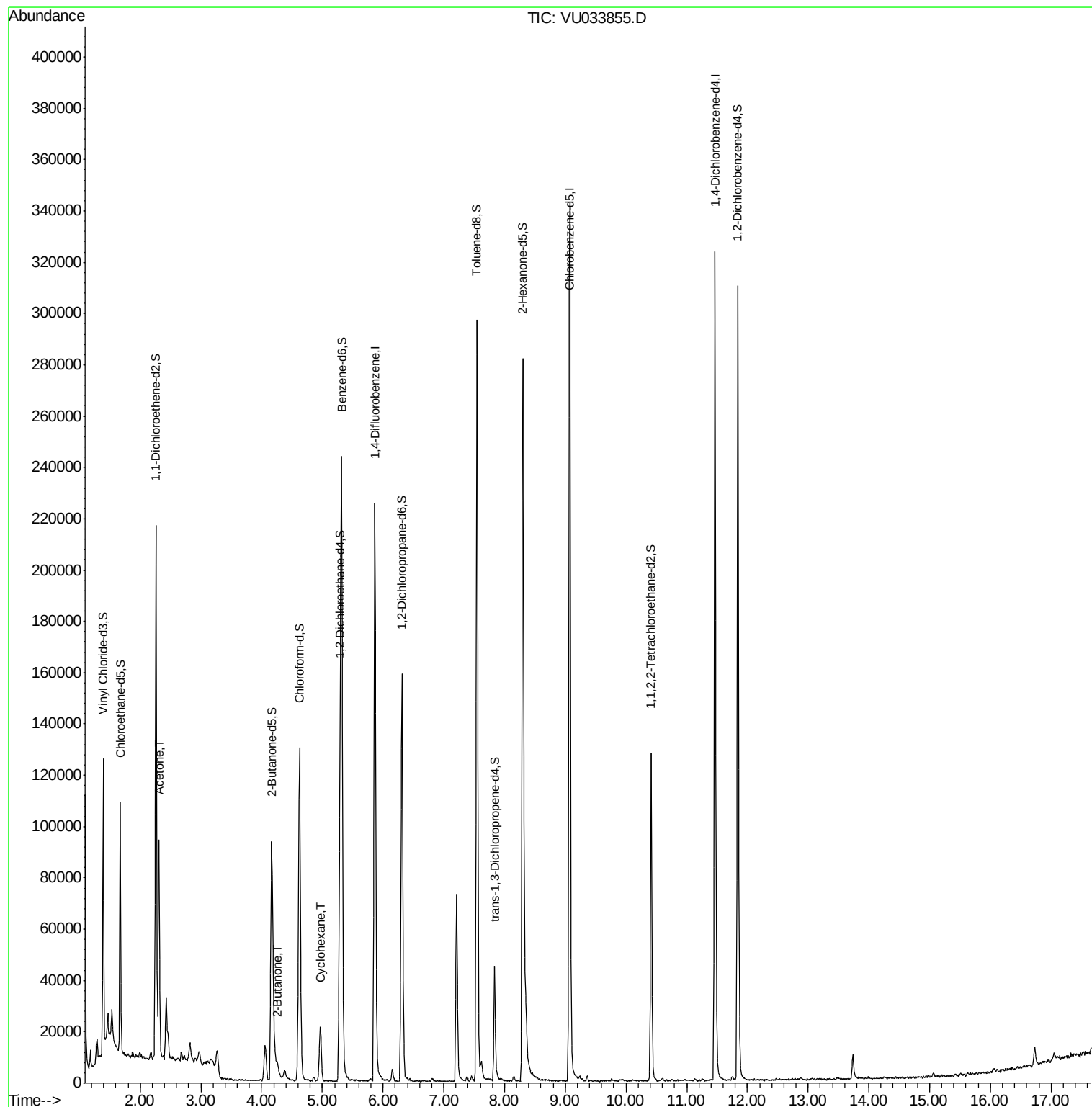
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU082019\  
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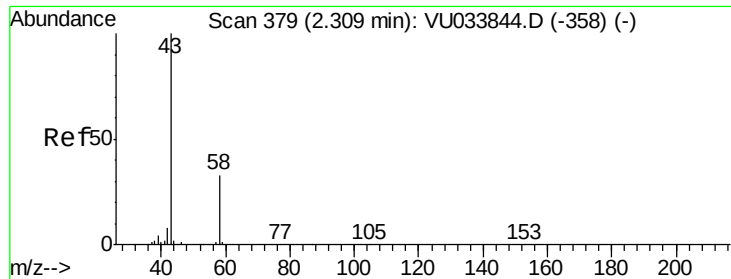
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AH0

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Aug 21 05:39:59 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 34.658 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU033855.D

Acq: 20 Aug 2019 15:44

Instrument :

MSVOA\_U

ClientSampleId :

COAH0

Tgt Ion: 43 Resp: 86080

Ion Ratio Lower Upper

43 100

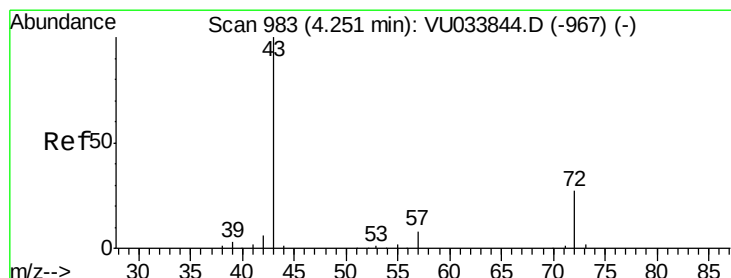
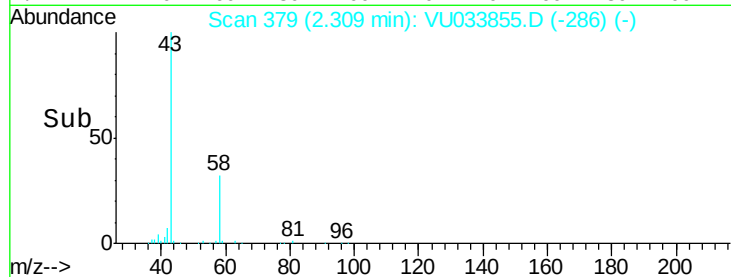
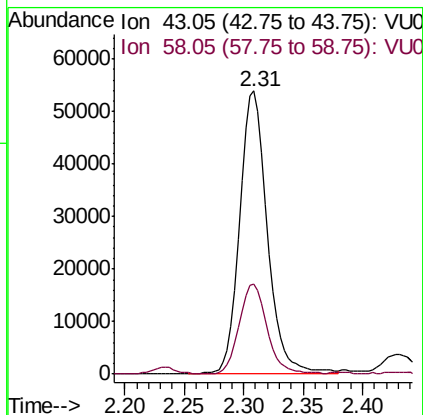
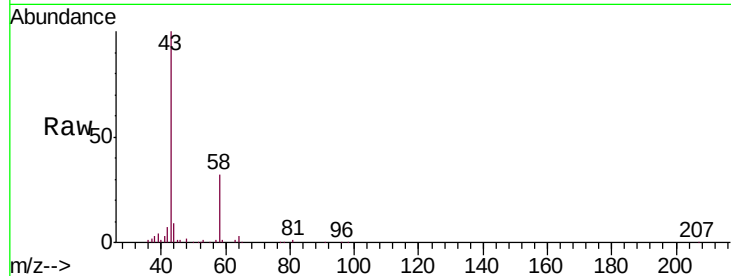
58 32.7 0.0 65.4

Manual Integrations

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#21

2-Butanone

Concen: 2.523 ug/L m

RT: 4.26 min Scan# 985

Delta R.T. 0.01 min

Lab File: VU033855.D

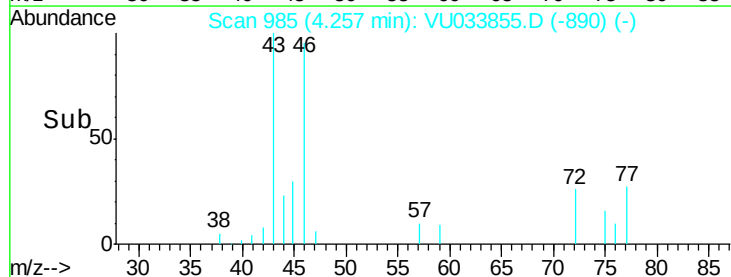
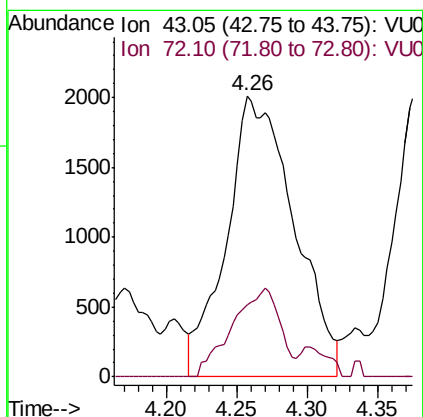
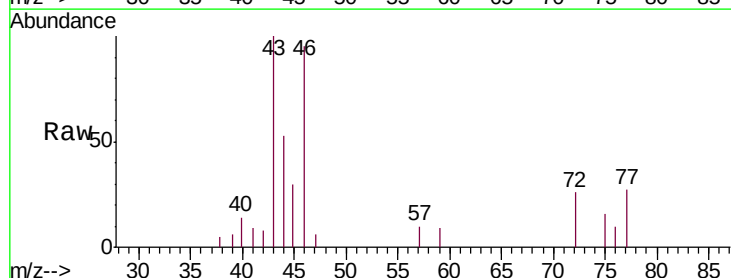
Acq: 20 Aug 2019 15:44

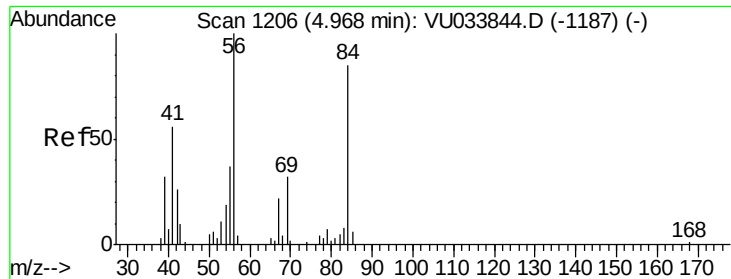
Tgt Ion: 43 Resp: 6720

Ion Ratio Lower Upper

43 100

72 22.6 13.7 41.0





#30  
Cyclohexane  
Concen: 0.632 ug/L  
RT: 4.97 min Scan# 1206  
Delta R.T. -0.00 min  
Lab File: VU033855.D  
Acq: 20 Aug 2019 15:44

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AH0

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 28.6  | 25.1  | 37.7  |
| 84      | 85.0  | 69.5  | 104.3 |

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