

Data File : VU032901.D  
Acq On : 20 Jun 2019 14:38  
Operator : JC/SP  
Sample : K3414-20  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GALN6

Quant Time: Jun 21 05:32:27 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jun 21 05:28:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 89045    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 88312    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 45668    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 23393    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 21480    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 39902    | 3.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.00%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 96553    | 59.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 119.52% |
| 24) Chloroform-d               | 4.64   | 84    | 54927    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.80% |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 33286    | 6.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 122.80% |
| 32) Benzene-d6                 | 5.33   | 84    | 103340   | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 34577    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.20% |
| 41) Toluene-d8                 | 7.56   | 98    | 90768    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.40%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 13137    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.80%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 71688    | 49.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 31263    | 5.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 109.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 41555    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.20% |

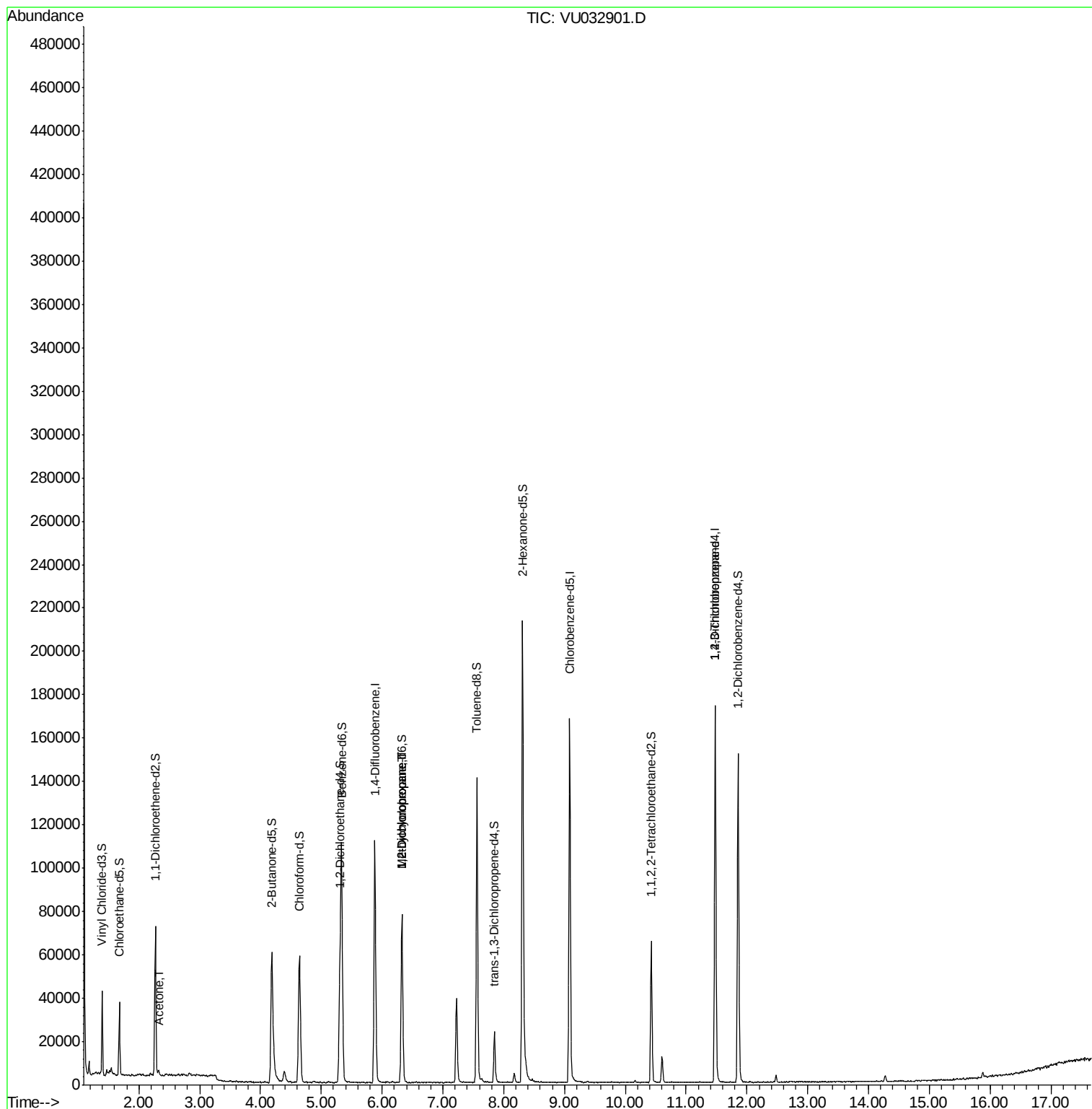
| Target Compounds           |       |    |      |              | Qvalue |
|----------------------------|-------|----|------|--------------|--------|
| 13) Acetone                | 2.32  | 43 | 1886 | 1.504 ug/L   | 95     |
| 35) Methylcyclohexane      | 6.32  | 83 | 8013 | 0.665 ug/L # | 19     |
| 37) 1,2-Dichloropropane    | 6.32  | 63 | 4004 | 0.594 ug/L # | 89     |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 5821 | 1.316 ug/L # | 84     |

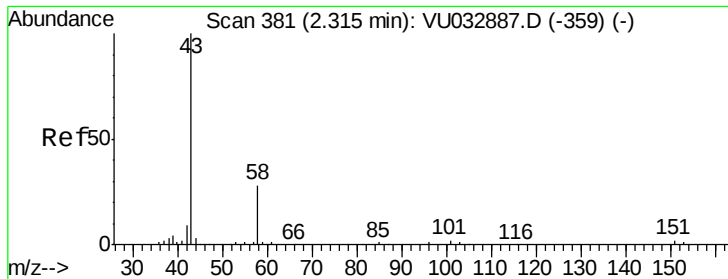
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.504 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

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Instrument :

MSVOA\_U

ClientSampleId :

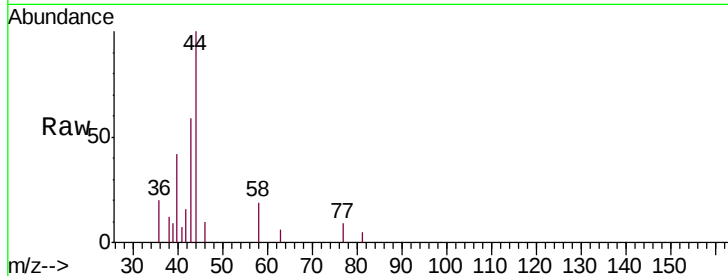
GALN6

Tgt Ion: 43 Resp: 1886

Ion Ratio Lower Upper

43 100

58 27.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032887.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU032887.D (-359) (-)

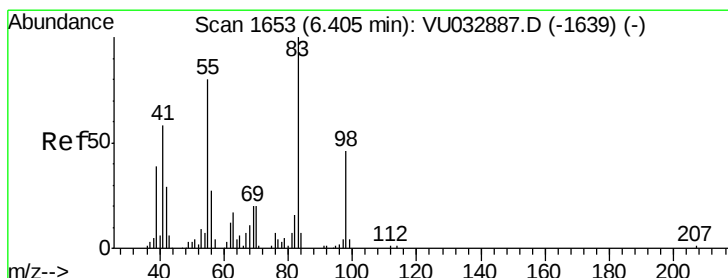
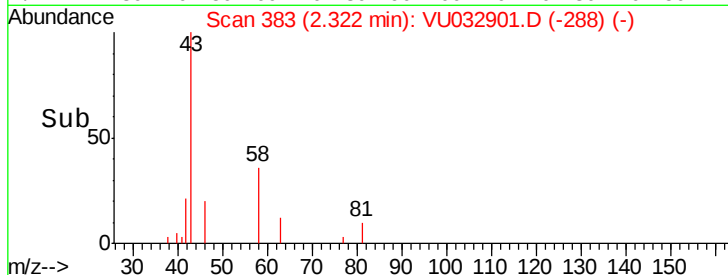
2.32

1000

500

0

Time--> 2.25 2.30 2.35



#35

Methylcyclohexane

Concen: 0.665 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

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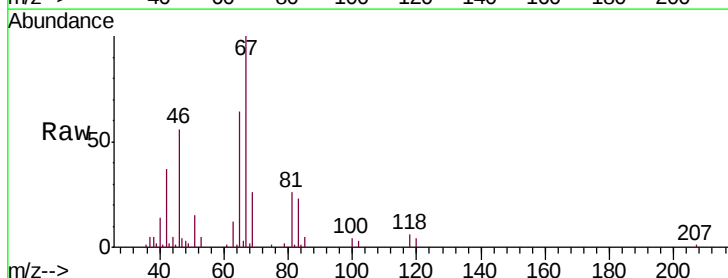
Tgt Ion: 83 Resp: 8013

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

98 0.5 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032887.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU032887.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU032887.D (-1639) (-)

6.32

5000

4000

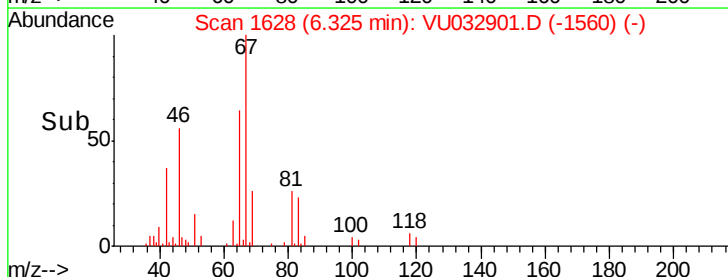
3000

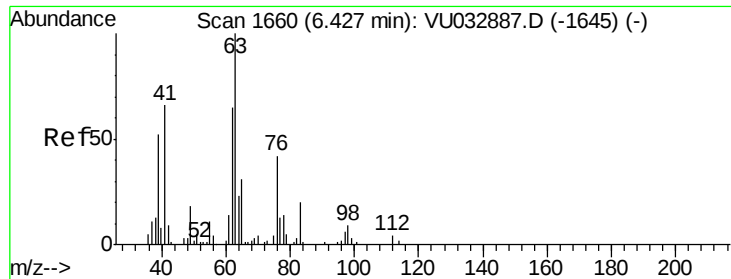
2000

1000

0

Time--> 6.25 6.30 6.35 6.40





#37

1,2-Dichloropropane

Concen: 0.594 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

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ClientSampleId :

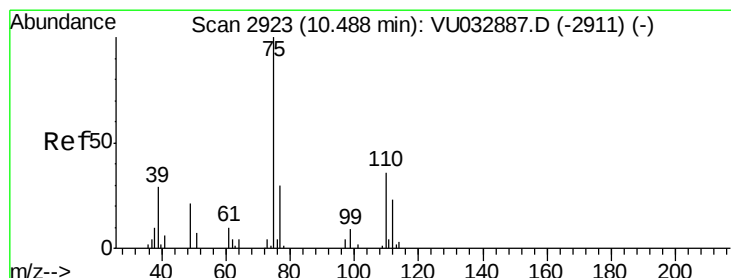
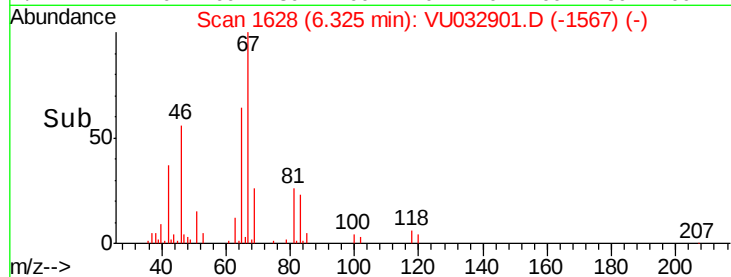
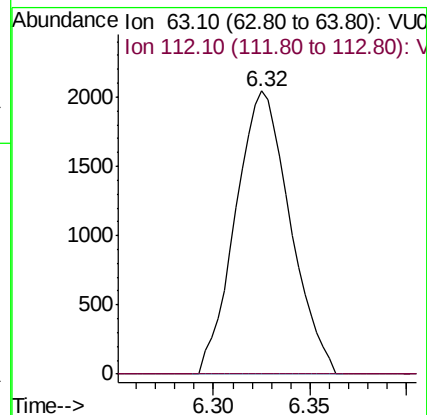
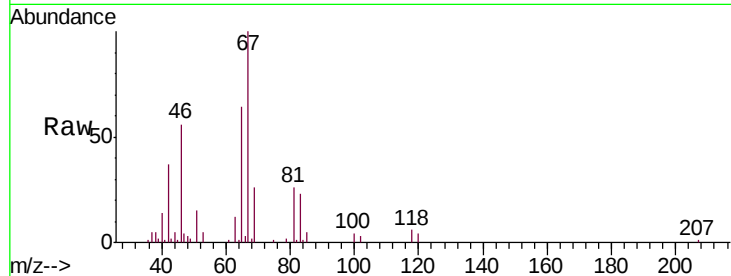
GALN6

Tgt Ion: 63 Resp: 4004

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#59

1,2,3-Trichloropropane

Concen: 1.316 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032901.D

Acq: 20 Jun 2019 14:38

Tgt Ion: 75 Resp: 5821

Ion Ratio Lower Upper

75 100

77 40.4 25.3 37.9#

