

Data File : VU032925.D  
Acq On : 21 Jun 2019 01:16  
Operator : JC/SP  
Sample : K3413-27  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK01

Quant Time: Jun 21 07:42:33 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jun 21 07:36:10 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 82870    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 83967    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 41340    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 20687    | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 19680    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 35148    | 3.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.40%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 90639    | 60.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 120.56% |
| 24) Chloroform-d               | 4.64   | 84    | 51114    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.80% |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 30675    | 6.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 121.60% |
| 32) Benzene-d6                 | 5.33   | 84    | 92120    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 32261    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.40% |
| 41) Toluene-d8                 | 7.56   | 98    | 80584    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 11583    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.20%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 62899    | 45.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.32%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 29010    | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 107.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 35353    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.00%  |

#### Target Compounds

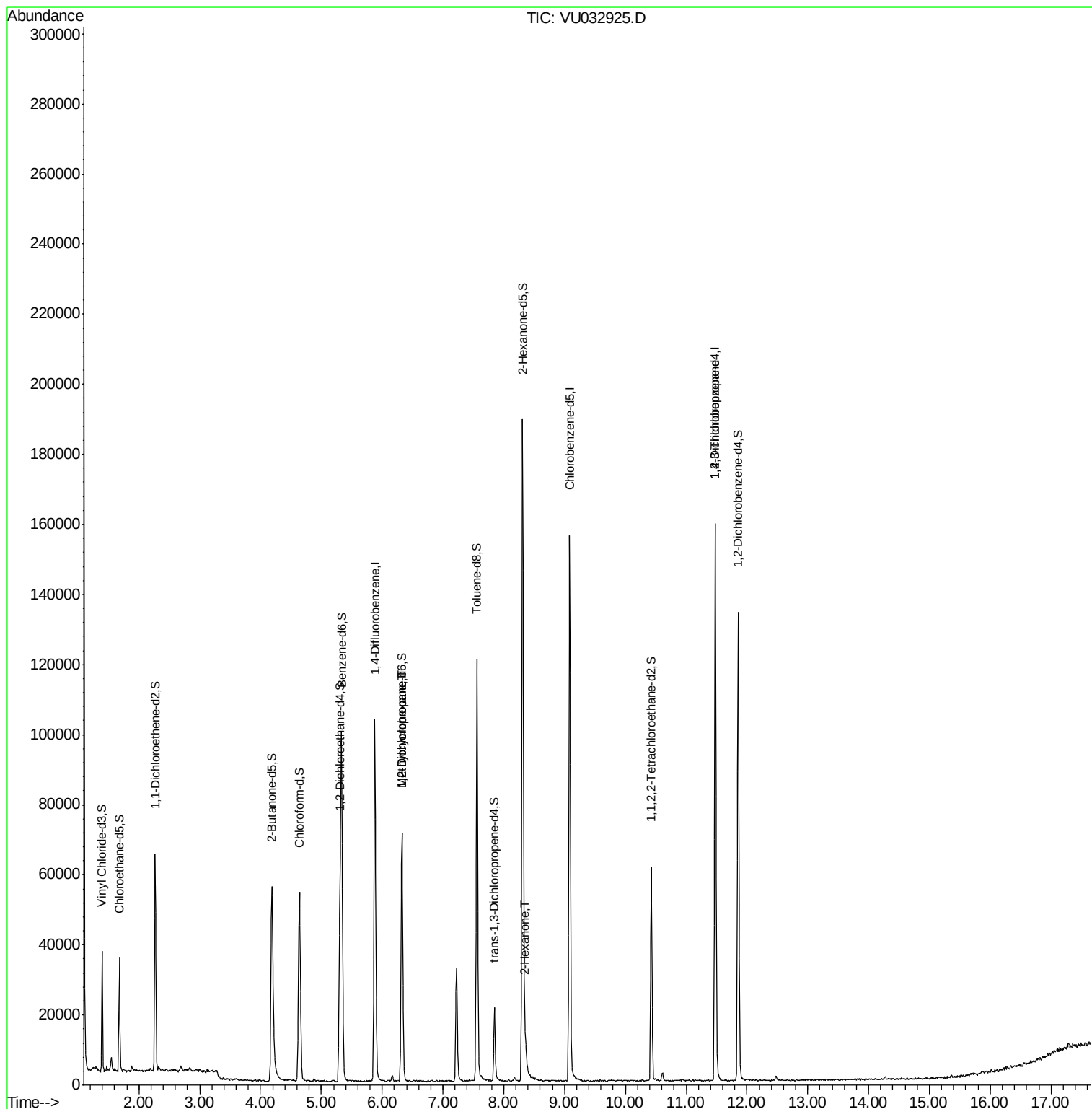
|                            |       |    |      |              | Qvalue |
|----------------------------|-------|----|------|--------------|--------|
| 35) Methylcyclohexane      | 6.32  | 83 | 7569 | 0.661 ug/L # | 20     |
| 37) 1,2-Dichloropropane    | 6.32  | 63 | 3999 | 0.624 ug/L # | 89     |
| 48) 2-Hexanone             | 8.36  | 43 | 3459 | 1.062 ug/L # | 40     |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 5310 | 1.262 ug/L # | 88     |

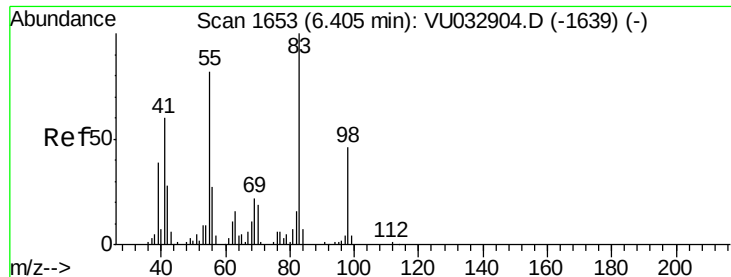
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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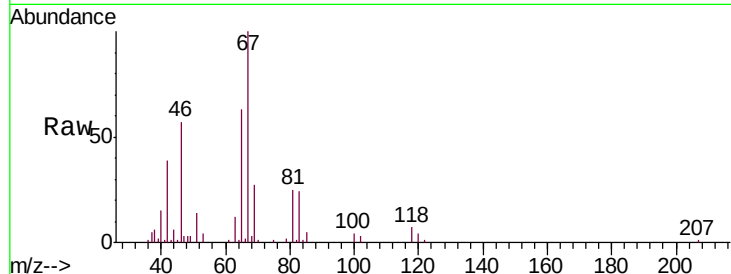




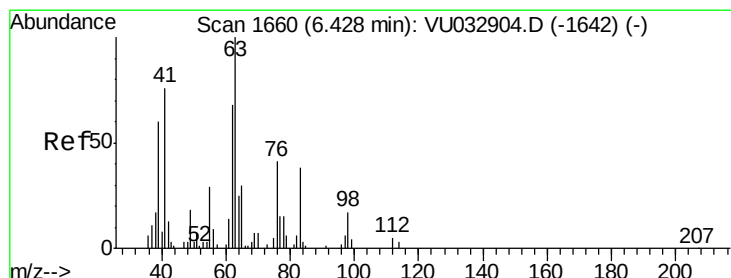
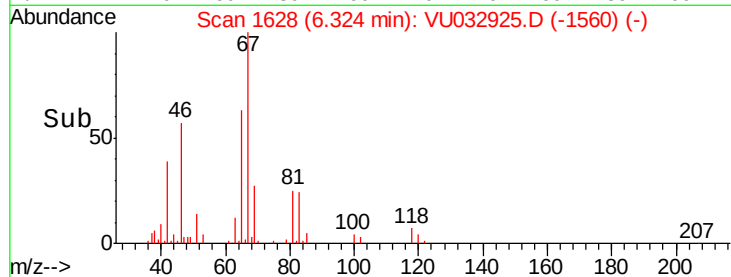
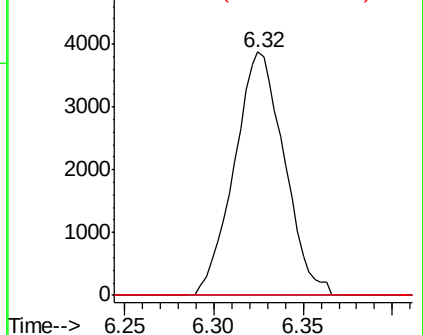
#35  
Methylcyclohexane  
Concen: 0.661 ug/L  
RT: 6.32 min Scan# 1628  
Delta R.T. -0.08 min  
Lab File: VU032925.D  
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Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK01

Tgt Ion: 83 Resp: 7569  
Ion Ratio Lower Upper  
83 100  
55 0.0 60.0 90.0#  
98 1.4 37.8 56.8#

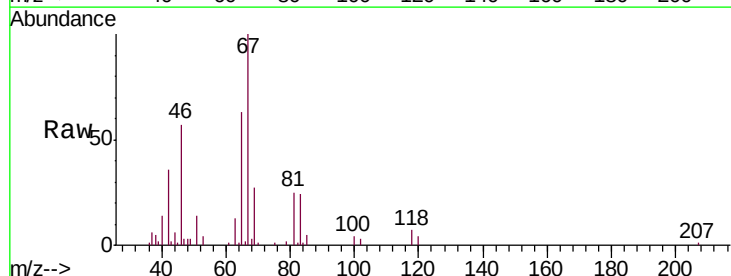


Abundance Ion 83.15 (82.85 to 83.85): VU0  
Ion 55.10 (54.80 to 55.80): VU0  
Ion 98.15 (97.85 to 98.85): VU0

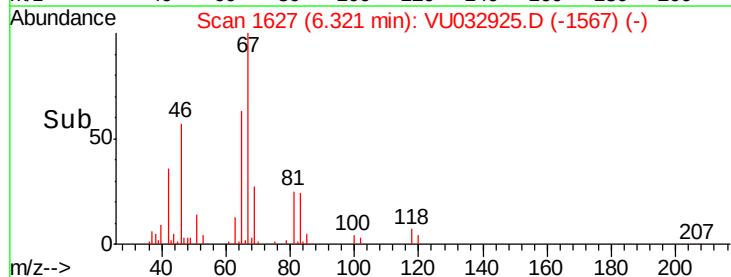
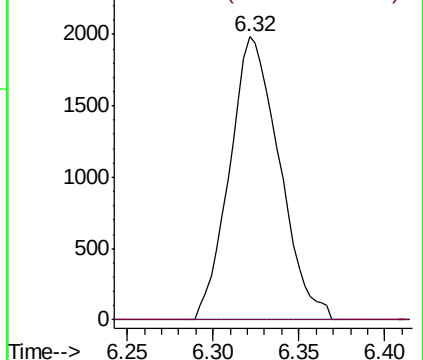


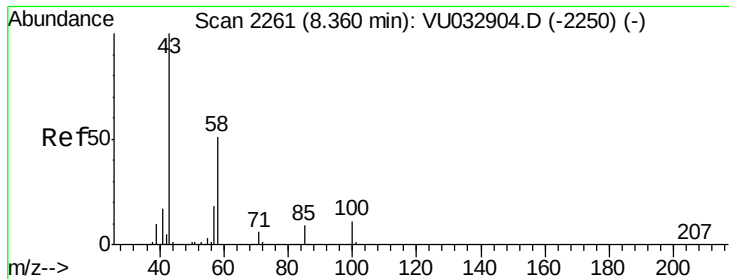
#37  
1,2-Dichloropropane  
Concen: 0.624 ug/L  
RT: 6.32 min Scan# 1627  
Delta R.T. -0.11 min  
Lab File: VU032925.D  
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Tgt Ion: 63 Resp: 3999  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0  
Ion 112.10 (111.80 to 112.80): V

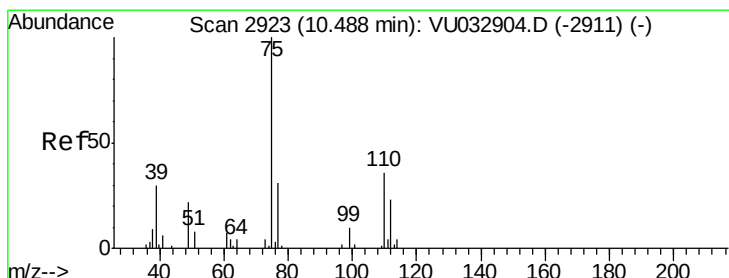
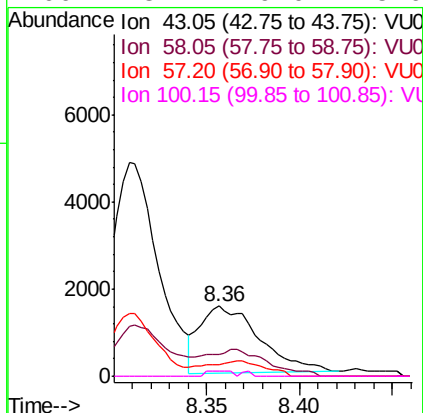
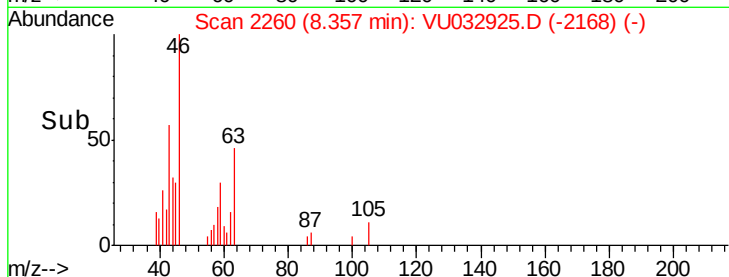
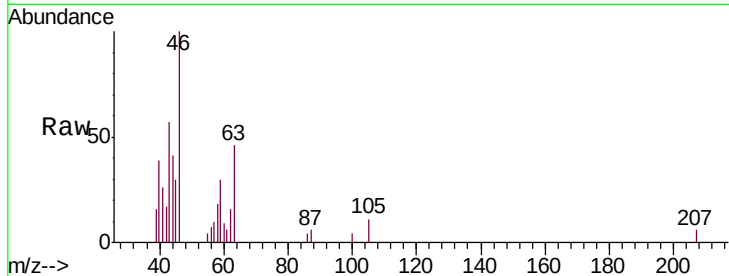




#48  
2-Hexanone  
Concen: 1.062 ug/L  
RT: 8.36 min Scan# 2260  
Delta R.T. -0.00 min  
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Tgt Ion: 43 Resp: 3459  
Ion Ratio Lower Upper  
43 100  
58 0.0 41.9 62.9#  
57 0.0 15.1 22.7#  
100 3.1 9.0 13.6#



#59  
1,2,3-Trichloropropane  
Concen: 1.262 ug/L  
RT: 11.48 min Scan# 3231  
Delta R.T. 0.99 min  
Lab File: VU032925.D  
Acq: 21 Jun 2019 01:16

Tgt Ion: 75 Resp: 5310  
Ion Ratio Lower Upper  
75 100  
77 38.0 25.3 37.9#

