

Data File : VU033134.D  
Acq On : 02 Jul 2019 12:09  
Operator : JC/SP  
Sample : VU0702WBL01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK10

Quant Time: Jul 03 02:17:25 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Jul 03 02:14:33 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 94149    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 96291    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 44350    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 26056    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.60%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 23679    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 43653    | 3.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.00%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 98469    | 49.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.26%  |
| 24) Chloroform-d               | 4.64   | 84    | 60507    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 36070    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.80%  |
| 32) Benzene-d6                 | 5.33   | 84    | 112199   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 37438    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.40%  |
| 41) Toluene-d8                 | 7.56   | 98    | 101115   | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.00%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 14602    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.20%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 61504    | 45.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.26%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 32090    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 42609    | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.80% |

#### Target Compounds

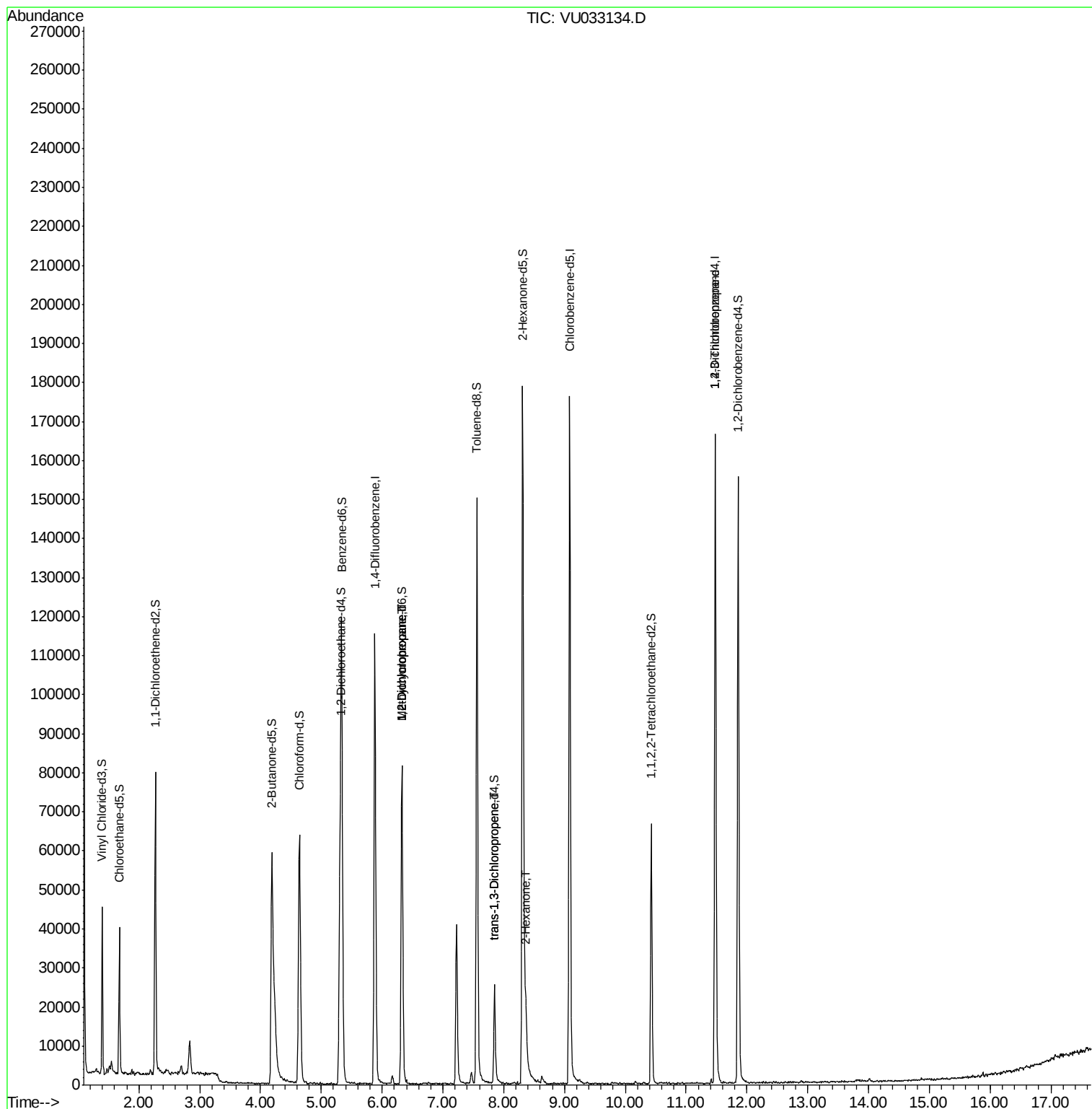
|                               |       |    |       |              | Qvalue |
|-------------------------------|-------|----|-------|--------------|--------|
| 35) Methylcyclohexane         | 6.32  | 83 | 8434  | 0.732 ug/L # | 16     |
| 37) 1,2-Dichloropropane       | 6.32  | 63 | 4485  | 0.574 ug/L # | 88     |
| 44) trans-1,3-Dichloropropene | 7.85  | 75 | 876   | 0.096 ug/L # | 83     |
| 48) 2-Hexanone                | 8.37  | 43 | 10094 | 2.568 ug/L # | 87     |
| 59) 1,2,3-Trichloropropane    | 11.48 | 75 | 6001  | 1.130 ug/L   | 95     |

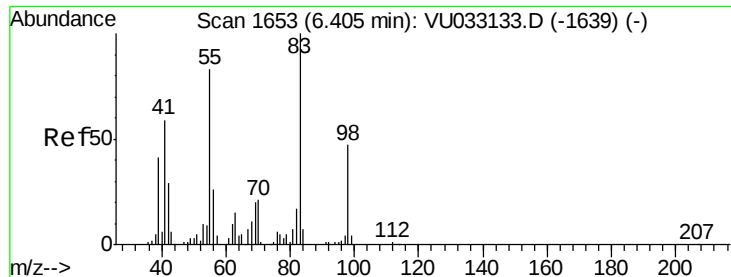
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033134.D  
Acq On : 02 Jul 2019 12:09  
Operator : JC/SP  
Sample : VU0702WBL01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK10

Quant Time: Jul 03 02:17:25 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Jul 03 02:14:33 2019  
Response via : Initial Calibration

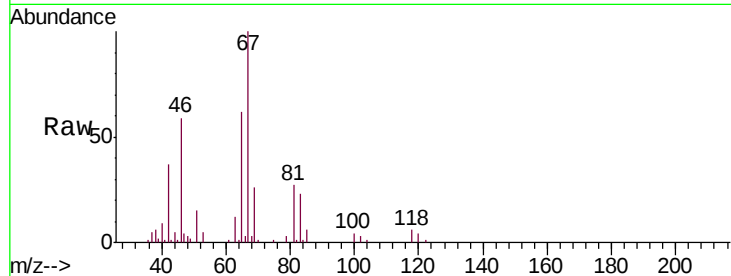




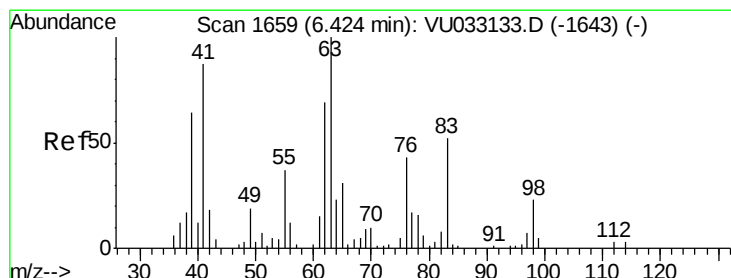
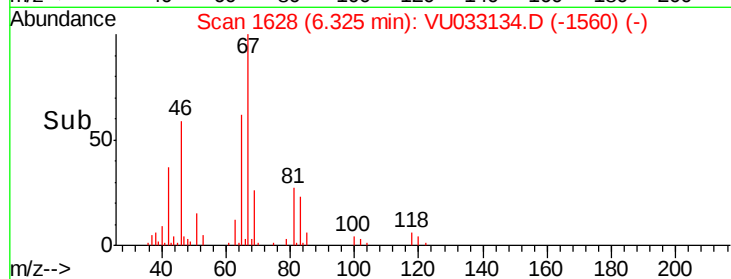
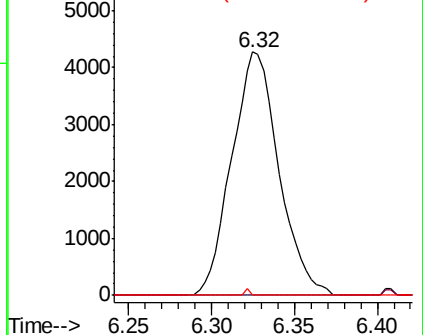
#35  
Methylcyclohexane  
Concen: 0.732 ug/L  
RT: 6.32 min Scan# 1628  
Delta R.T. -0.08 min  
Lab File: VU033134.D  
Acq: 02 Jul 2019 12:09

Instrument :  
MSVOA\_U  
ClientSampled :  
VBLK10

Tgt Ion: 83 Resp: 8434  
Ion Ratio Lower Upper  
83 100  
55 0.5 66.5 99.7#  
98 0.2 37.1 55.7#

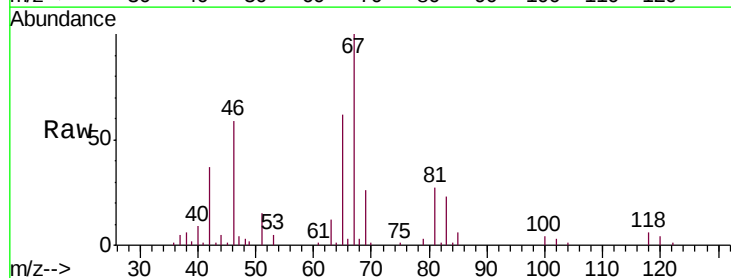


Abundance Ion 83.15 (82.85 to 83.85): VU0  
Ion 55.10 (54.80 to 55.80): VU0  
Ion 98.15 (97.85 to 98.85): VU0

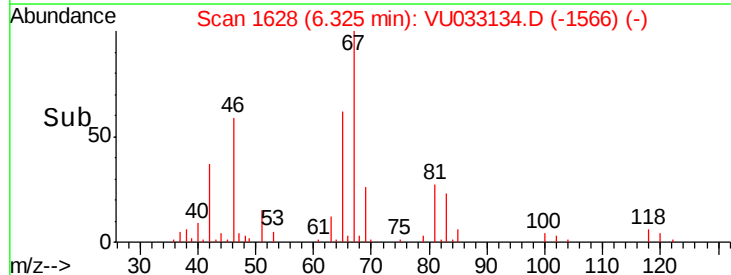
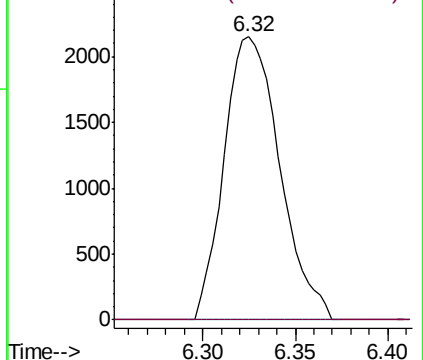


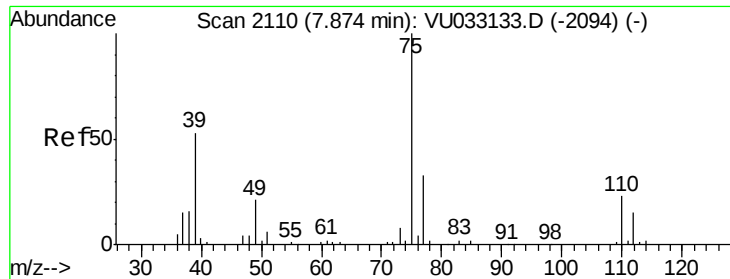
#37  
1,2-Dichloropropane  
Concen: 0.574 ug/L  
RT: 6.32 min Scan# 1628  
Delta R.T. -0.10 min  
Lab File: VU033134.D  
Acq: 02 Jul 2019 12:09

Tgt Ion: 63 Resp: 4485  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.6#



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

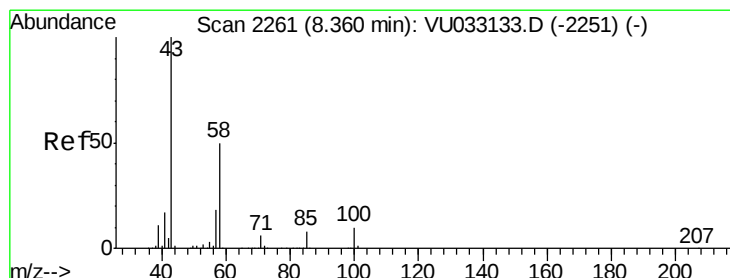
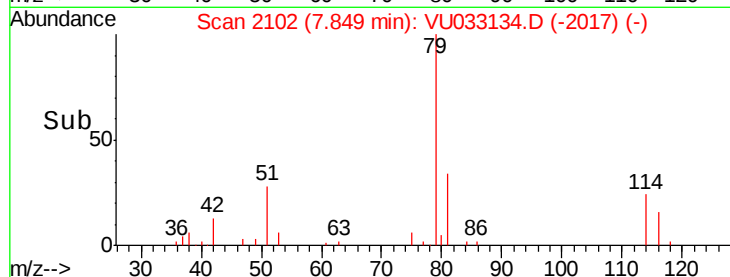
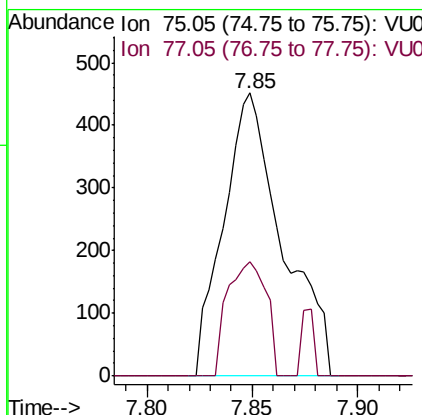
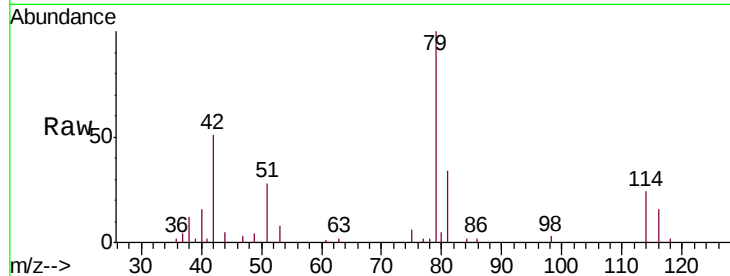




#44  
trans-1,3-Dichloropropene  
Concen: 0.096 ug/L  
RT: 7.85 min Scan# 2102  
Delta R.T. -0.03 min  
Lab File: VU033134.D  
Acq: 02 Jul 2019 12:09

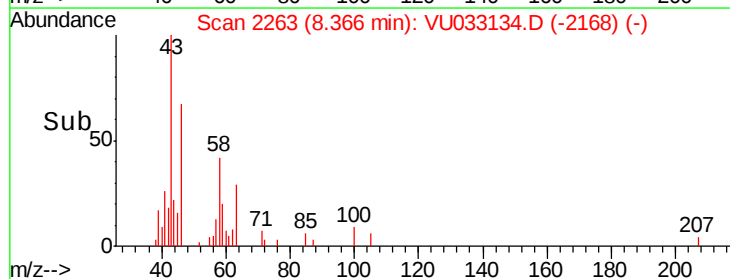
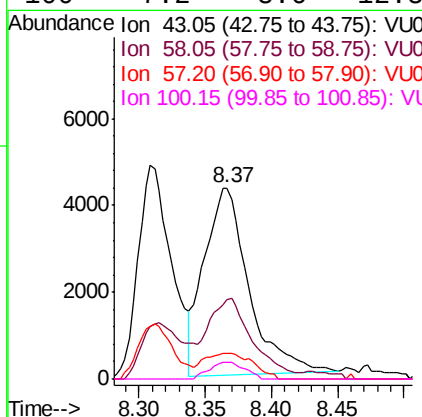
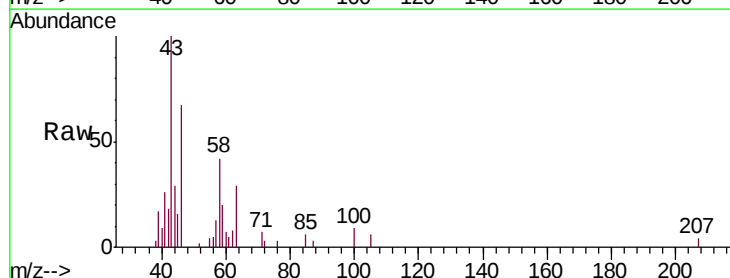
Instrument :  
MSVOA\_U  
ClientSampled :  
VBLK10

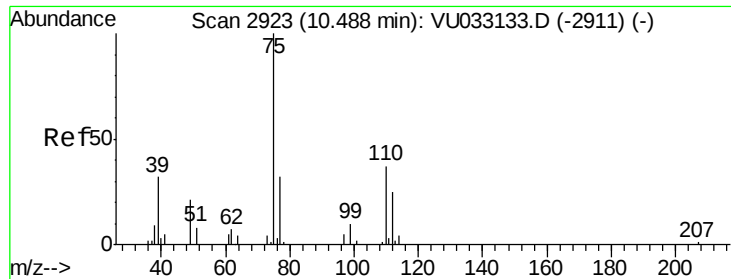
Tgt Ion: 75 Resp: 876  
Ion Ratio Lower Upper  
75 100  
77 40.3 21.6 40.2#



#48  
2-Hexanone  
Concen: 2.568 ug/L  
RT: 8.37 min Scan# 2263  
Delta R.T. 0.01 min  
Lab File: VU033134.D  
Acq: 02 Jul 2019 12:09

Tgt Ion: 43 Resp: 10094  
Ion Ratio Lower Upper  
43 100  
58 37.5 39.0 58.6#  
57 15.1 13.9 20.9  
100 7.2 8.6 12.8#





#59

1,2,3-Trichloropropane

Concen: 1.130 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033134.D

Acq: 02 Jul 2019 12:09

Instrument :

MSVOA\_U

ClientSampleId :

VBLK10

Tgt Ion: 75 Resp: 6001

Ion Ratio Lower Upper

75 100

77 35.2 25.8 38.8

