

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR061518\  
 Data File : VR025313.D  
 Acq On : 15 Jun 2018 22:46  
 Operator : SY/MD  
 Sample : J3549-10  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 ESWE5

Quant Time: Jun 16 05:05:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR061518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 15 16:03:18 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 665638   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 540768   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 180754   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 98133    | 4.33     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.60% |
| 7) Chloroethane-d5             | 2.64   | 69    | 73450    | 4.41     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.20% |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 195329   | 3.35     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.00% |
| 20) 2-Butanone-d5              | 6.59   | 46    | 288180   | 47.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 94.84% |
| 24) Chloroform-d               | 7.20   | 84    | 361866   | 4.27     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.40% |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 144544   | 4.46     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.20% |
| 32) Benzene-d6                 | 7.86   | 84    | 807152   | 4.40     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.00% |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 234161   | 4.50     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.00% |
| 41) Toluene-d8                 | 9.97   | 98    | 697878   | 4.30     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.00% |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 48541    | 3.50     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 70.00% |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 233485   | 48.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.06% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 96536    | 4.76     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.20% |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 148833   | 4.85     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.00% |

## Target Compounds

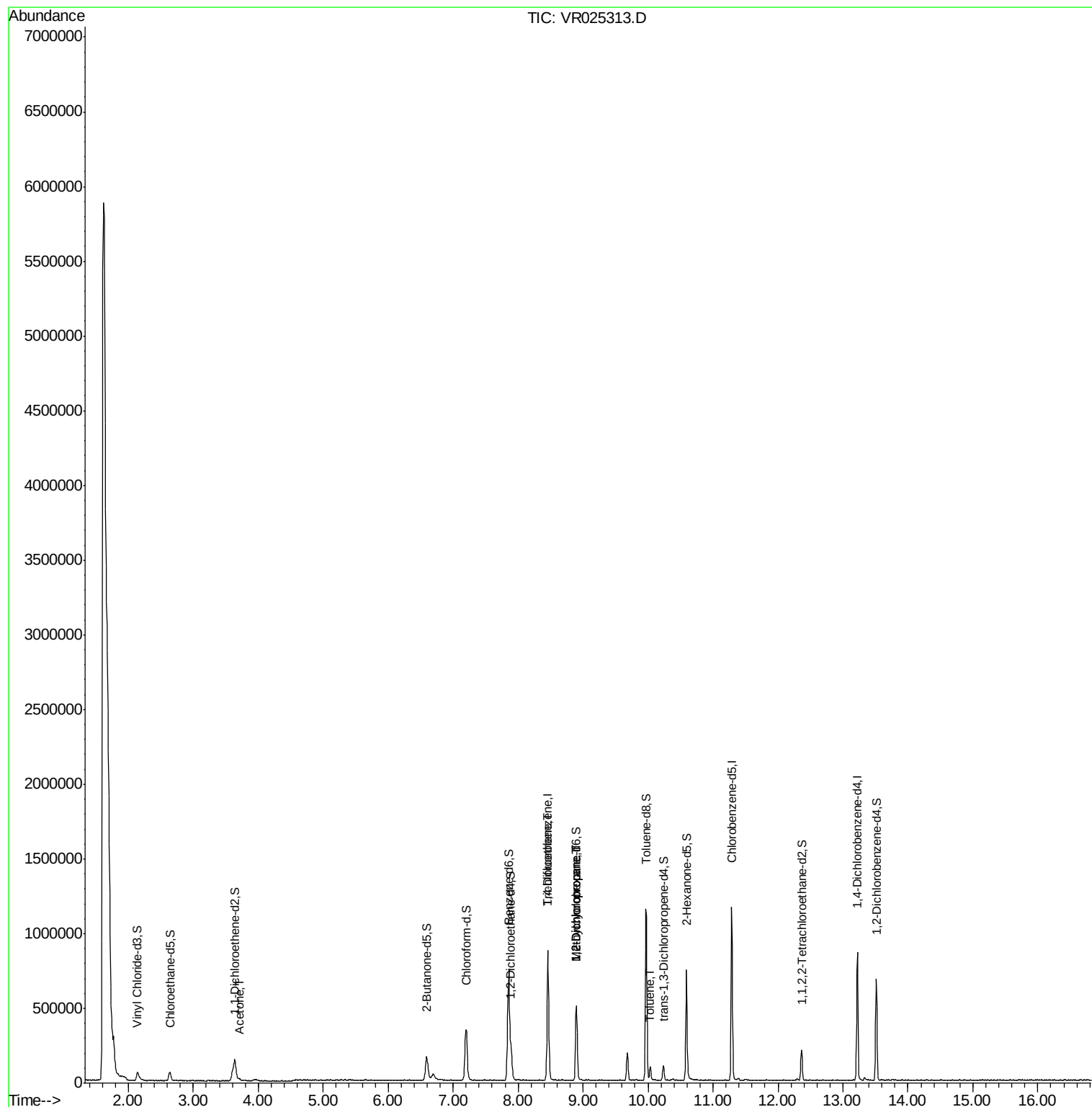
|                         |       |    |       |       | Qvalue    |
|-------------------------|-------|----|-------|-------|-----------|
| 13) Acetone             | 3.71  | 43 | 18678 | 6.805 | ug/L 87   |
| 34) Trichloroethene     | 8.46  | 95 | 19065 | 0.371 | ug/L # 10 |
| 35) Methylcyclohexane   | 8.90  | 83 | 52333 | 0.646 | ug/L # 18 |
| 37) 1,2-Dichloropropane | 8.89  | 63 | 25777 | 0.546 | ug/L # 94 |
| 42) Toluene             | 10.03 | 91 | 65653 | 0.289 | ug/L 93   |

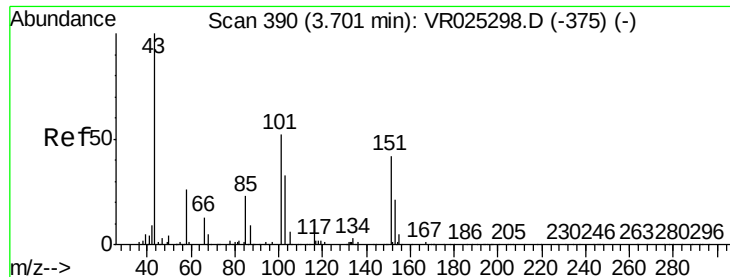
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.805 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025313.D

Acq: 15 Jun 2018 22:46

Instrument :

MSVOA\_R

ClientSampleId :

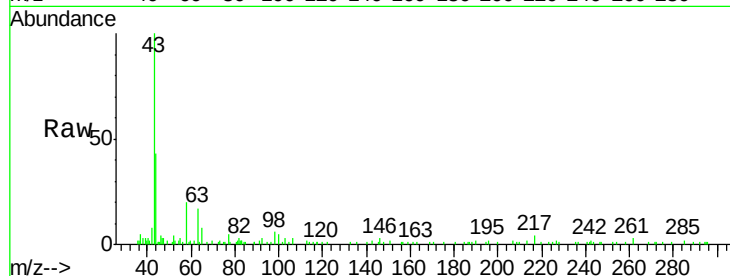
ESWE5

Tgt Ion: 43 Resp: 18678

Ion Ratio Lower Upper

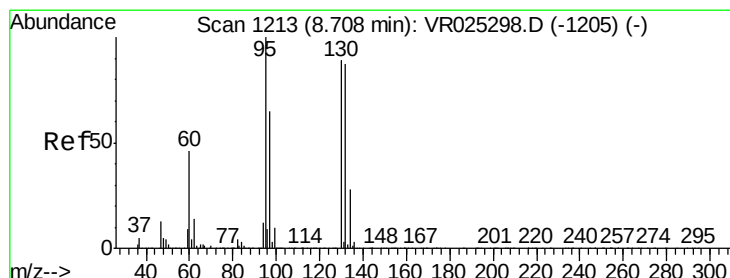
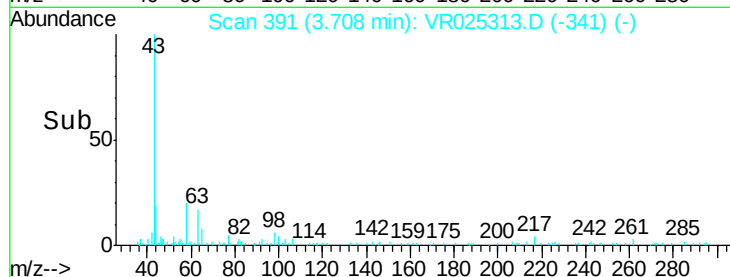
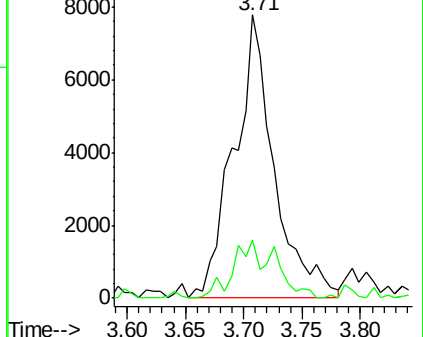
43 100

58 14.6 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 0.371 ug/L

RT: 8.46 min Scan# 1172

Delta R.T. -0.25 min

Lab File: VR025313.D

Acq: 15 Jun 2018 22:46

Tgt Ion: 95 Resp: 19065

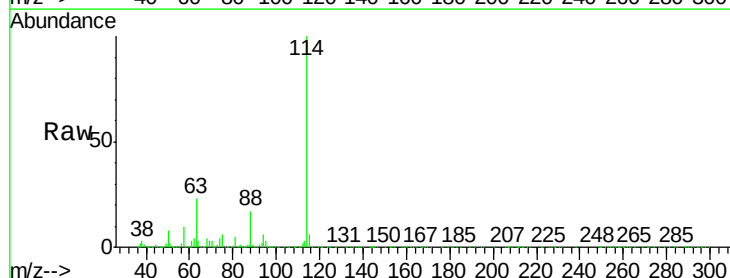
Ion Ratio Lower Upper

95 100

97 2.7 45.6 84.6#

132 0.9 60.9 113.1#

130 0.0 62.0 115.2#

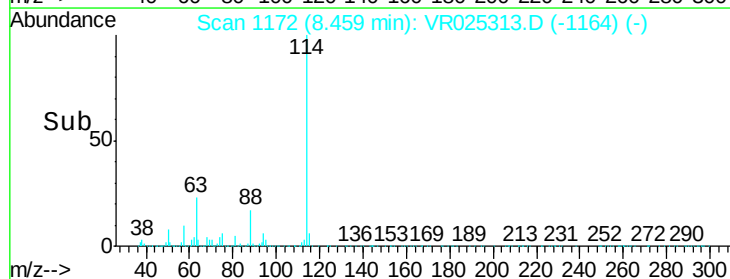
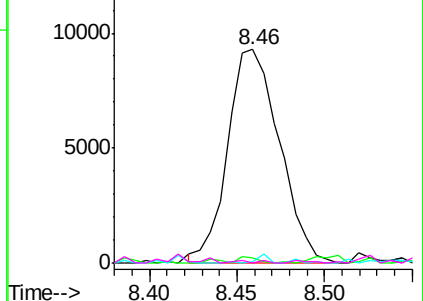


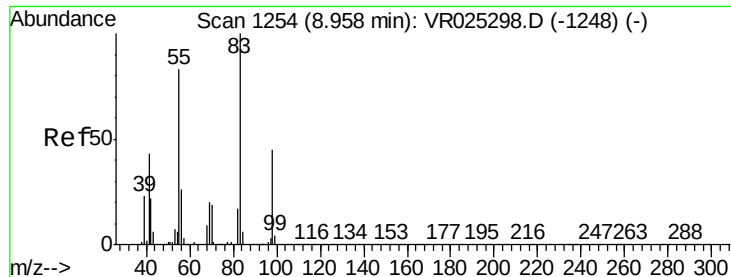
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025313.D

Acq: 15 Jun 2018 22:46

Instrument :

MSVOA\_R

ClientSampleId :

ESWE5

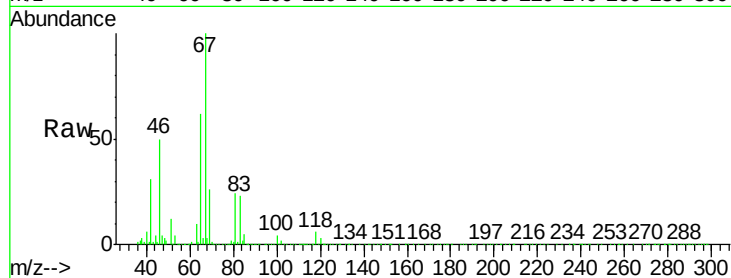
Tgt Ion: 83 Resp: 52333

Ion Ratio Lower Upper

83 100

55 1.3 66.1 99.1#

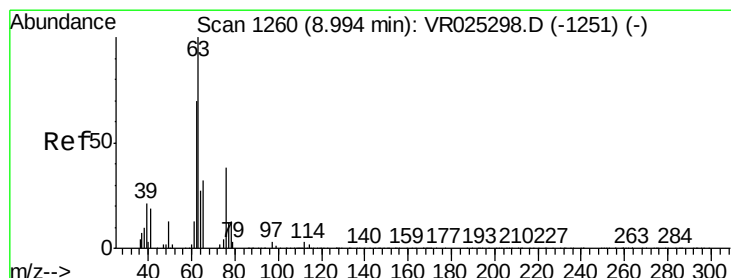
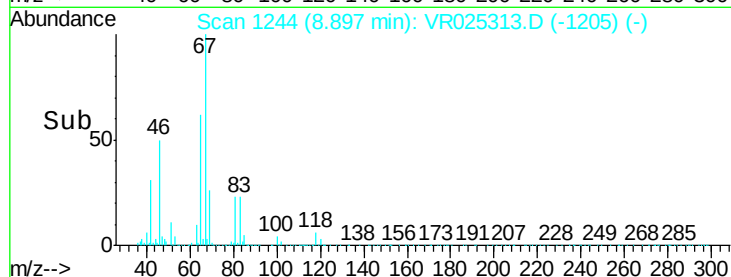
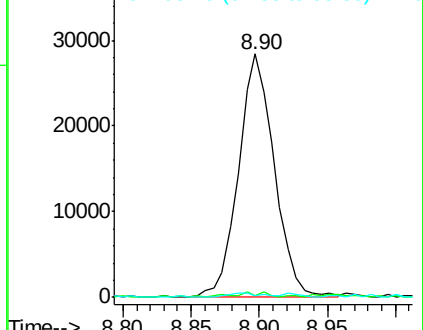
98 1.9 36.2 54.4#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 8.89 min Scan# 1243

Delta R.T. -0.10 min

Lab File: VR025313.D

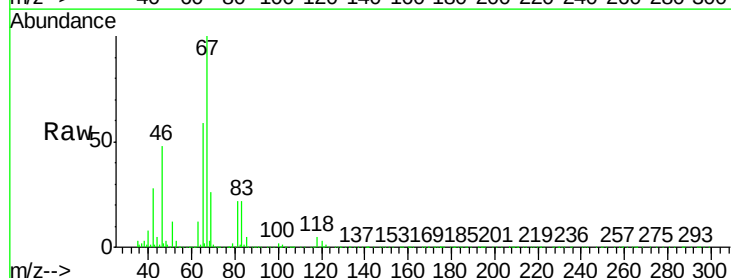
Acq: 15 Jun 2018 22:46

Tgt Ion: 63 Resp: 25777

Ion Ratio Lower Upper

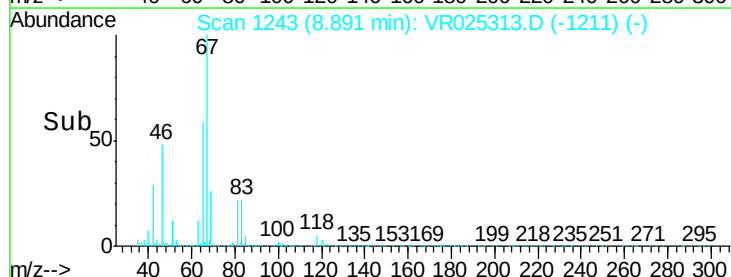
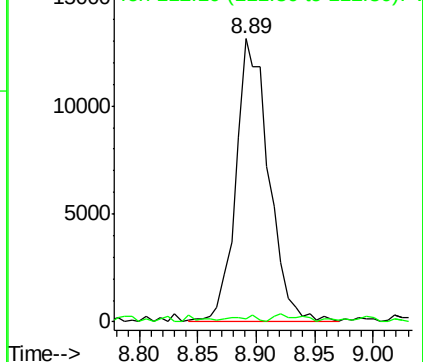
63 100

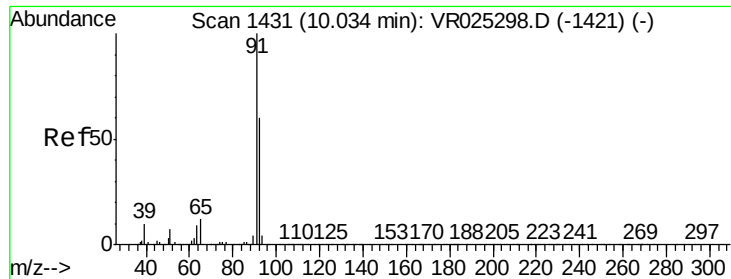
112 1.6 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.289 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025313.D

Acq: 15 Jun 2018 22:46

Instrument :

MSVOA\_R

ClientSampleId :

ESWE5

Tgt Ion: 91 Resp: 65653

Ion Ratio Lower Upper

91 100

92 54.4 41.9 77.7

