

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062218\  
 Data File : VV006418.D  
 Acq On : 22 Jun 2018 17:34  
 Operator : SY/MD  
 Sample : J3615-02 10X  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEXT8DL

Quant Time: Jun 23 00:20:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR053118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 22 23:56:13 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 315401   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 282422   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 124408   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 69599    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.80%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 65496    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 98338    | 2.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.80%# |
| 20) 2-Butanone-d5              | 3.97   | 46    | 219356   | 59.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 119.94% |
| 24) Chloroform-d               | 4.41   | 84    | 149518   | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 78665    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.60%  |
| 32) Benzene-d6                 | 5.11   | 84    | 313398   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 98857    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.80%  |
| 41) Toluene-d8                 | 7.37   | 98    | 270089   | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 28392    | 3.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 62.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 160103   | 40.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.22%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 62195    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 84.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 102927   | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.40%  |

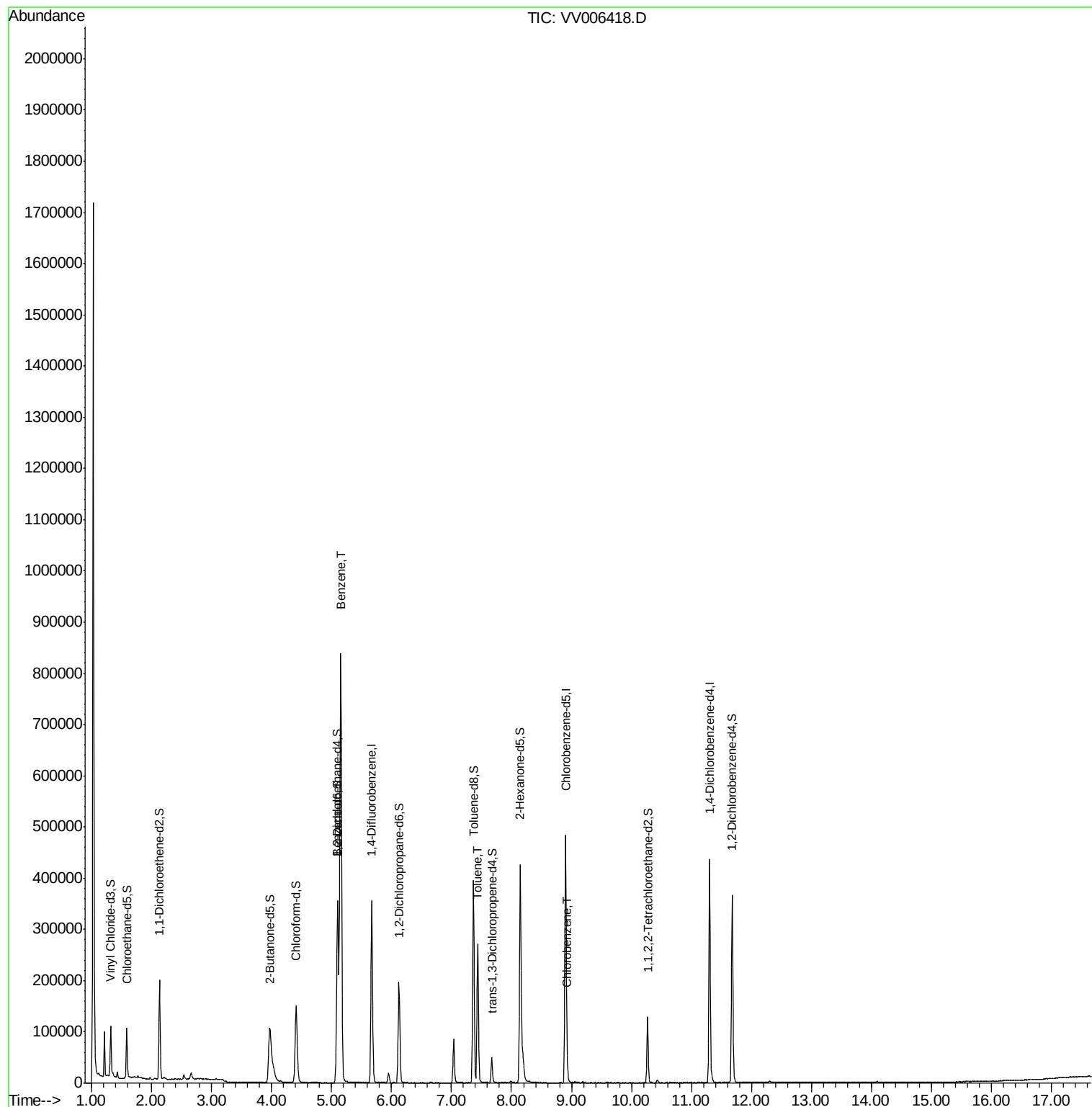
| Target Compounds  |      |     |        |       |      | Ovalue |
|-------------------|------|-----|--------|-------|------|--------|
| 33) Benzene       | 5.15 | 78  | 864381 | 11.10 | ug/L | 100    |
| 42) Toluene       | 7.44 | 91  | 198991 | 2.32  | ug/L | 100    |
| 51) Chlorobenzene | 8.93 | 112 | 13966  | 0.25  | ug/L | 99     |

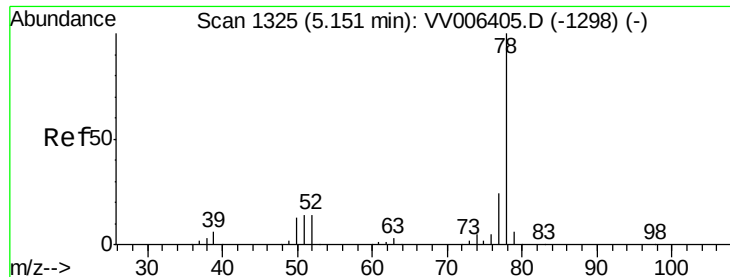
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 23:56:13 2018  
Response via : Initial Calibration





#33

Benzene

Concen: 11.10 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006418.D

Acq: 22 Jun 2018 17:34

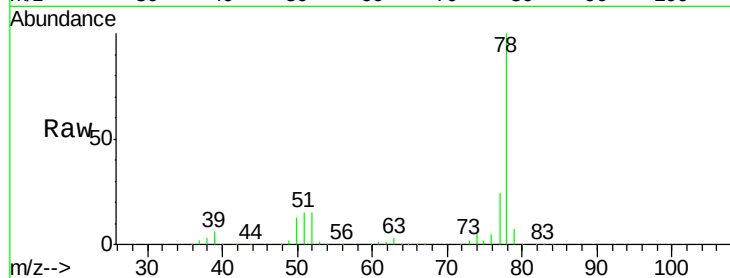
Instrument :

MSVOA\_V

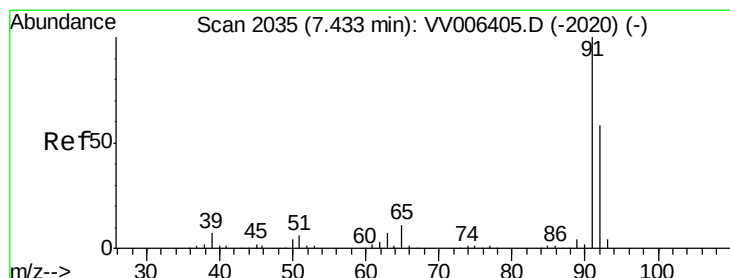
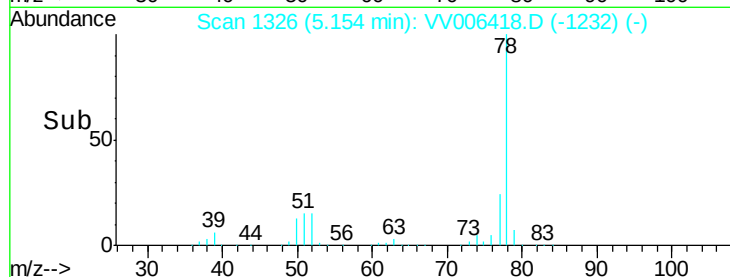
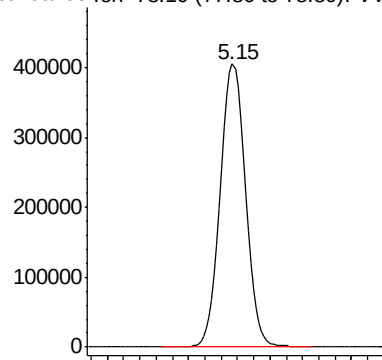
ClientSampleId :

BEXT8DL

Tgt Ion: 78 Resp: 864381



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 2.32 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006418.D

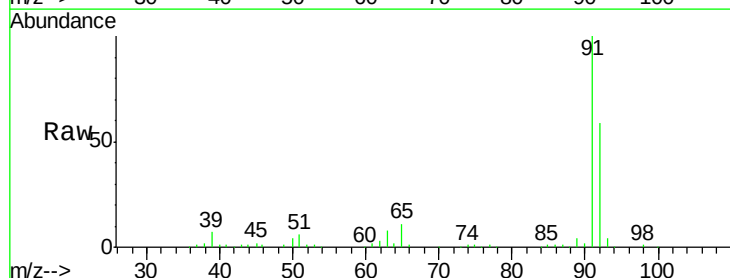
Acq: 22 Jun 2018 17:34

Tgt Ion: 91 Resp: 198991

Ion Ratio Lower Upper

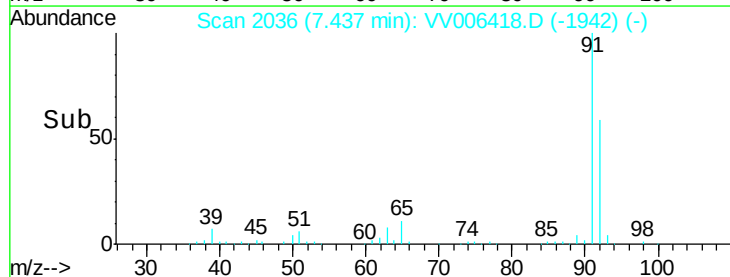
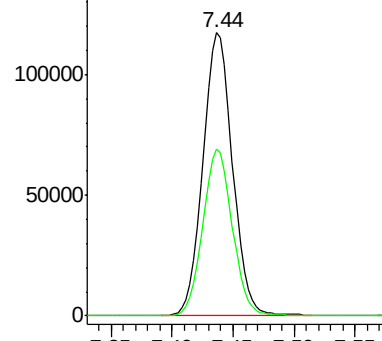
91 100

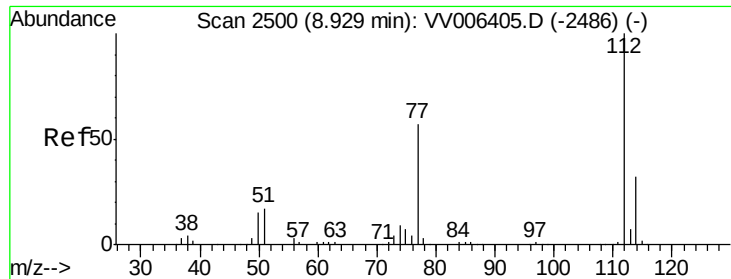
92 59.0 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51  
 Chlorobenzene  
 Concen: 0.25 ug/L  
 RT: 8.93 min Scan# 2501  
 Delta R.T. 0.00 min  
 Lab File: VV006418.D  
 Acq: 22 Jun 2018 17:34

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEXT8DL

Tot Ion:112 Resp: 13966  
 Ion Ratio Lower Upper  
 112 100  
 114 31.2 22.2 41.2  
 77 57.2 45.2 67.8

