

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090620\  
 Data File : VW016474.D  
 Acq On : 06 Sep 2020 11:05  
 Operator : SY/VA  
 Sample : L3927-05  
 Misc : 6.69G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 07 04:52:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Sep 07 04:50:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 707164   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 639130   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 297223   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 213630   | 28.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 113.88% |
| 7) Chloroethane-d5             | 2.90   | 69    | 184713   | 27.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 109.68% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 315804   | 18.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 73.24%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 97418    | 36.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 72.72%  |
| 24) Chloroform-d               | 7.65   | 84    | 392852   | 23.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.88%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 212131   | 23.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 93.68%  |
| 29) Benzene-d6                 | 8.28   | 84    | 800398   | 24.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.52%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 226101   | 23.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.76%  |
| 37) Toluene-d8                 | 10.33  | 98    | 792470   | 25.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 102.64% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 110695   | 22.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 91.92%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 83293    | 42.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.38%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 180072   | 22.31    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 89.24%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 264166   | 25.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 102.88% |

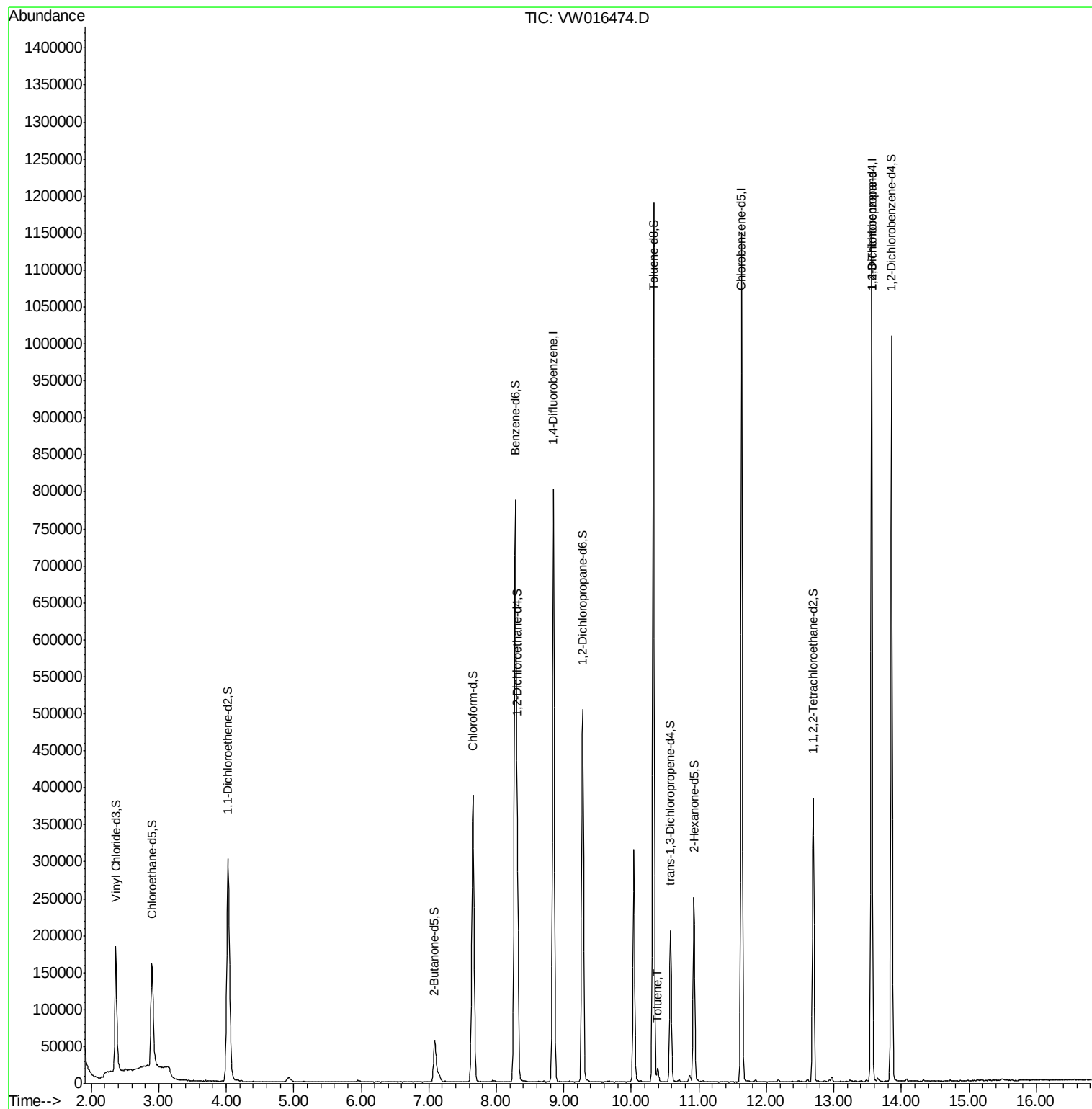
| Target Compounds           |       |    |       |            | Ovalue |
|----------------------------|-------|----|-------|------------|--------|
| 44) Toluene                | 10.40 | 91 | 13719 | 0.351 ug/L | 97     |
| 59) 1,2,3-Trichloropropane | 13.56 | 75 | 36580 | 5.996 ug/L | 90     |

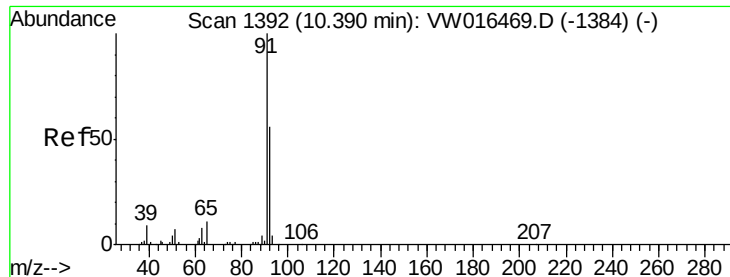
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L3927-05  
Misc : 6.69G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Sep 07 04:52:08 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
Quant Title : VOC Analysis  
QLast Update : Mon Sep 07 04:50:36 2020  
Response via : Initial Calibration





#44

Toluene

Concen: 0.351 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW016474.D

Acq: 06 Sep 2020 11:05

Instrument :

MSVOA\_W

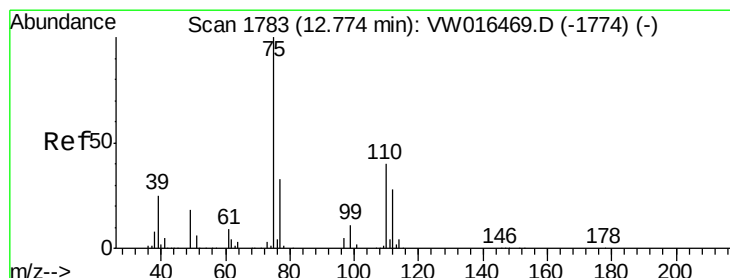
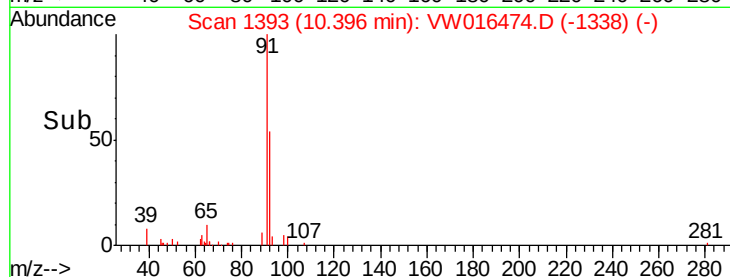
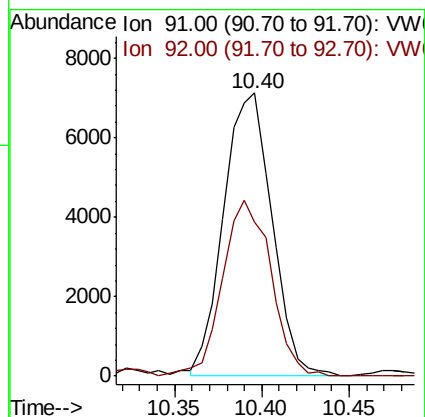
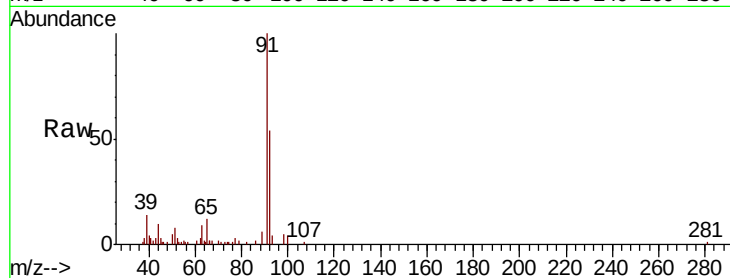
ClientSampleId :

Tot Ion: 91 Resp: 13719

Ion Ratio Lower Upper

91 100

92 54.4 39.5 73.4



#59

1,2,3-Trichloropropane

Concen: 5.996 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016474.D

Acq: 06 Sep 2020 11:05

Tgt Ion: 75 Resp: 36580

Ion Ratio Lower Upper

75 100

77 38.1 26.0 39.0

