

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\  
 Data File : VV015387.D  
 Acq On : 02 Apr 2020 21:40  
 Operator : SY/MD  
 Sample : L2065-11 50X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBF07

Quant Time: Apr 03 06:01:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM040120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 03 05:25:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 743509   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 706350   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 335463   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 206302   | 30.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 61.88%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 191053   | 33.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 67.10%# |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 320185   | 26.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 53.74%# |
| 21) 2-Butanone-d5              | 3.94    | 46    | 285527   | 80.58    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 80.58%  |
| 24) Chloroform-d               | 4.38    | 84    | 402513   | 36.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 73.14%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 264502   | 38.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 77.16%  |
| 32) Benzene-d6                 | 5.07    | 84    | 817162   | 37.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 75.14%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 250748   | 39.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 78.20%  |
| 41) Toluene-d8                 | 7.34    | 98    | 793038   | 38.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 76.24%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 124365   | 35.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.18%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 235461   | 80.39    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 80.39%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 363047   | 39.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 79.56%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 303769   | 39.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 79.62%# |

## Target Compounds

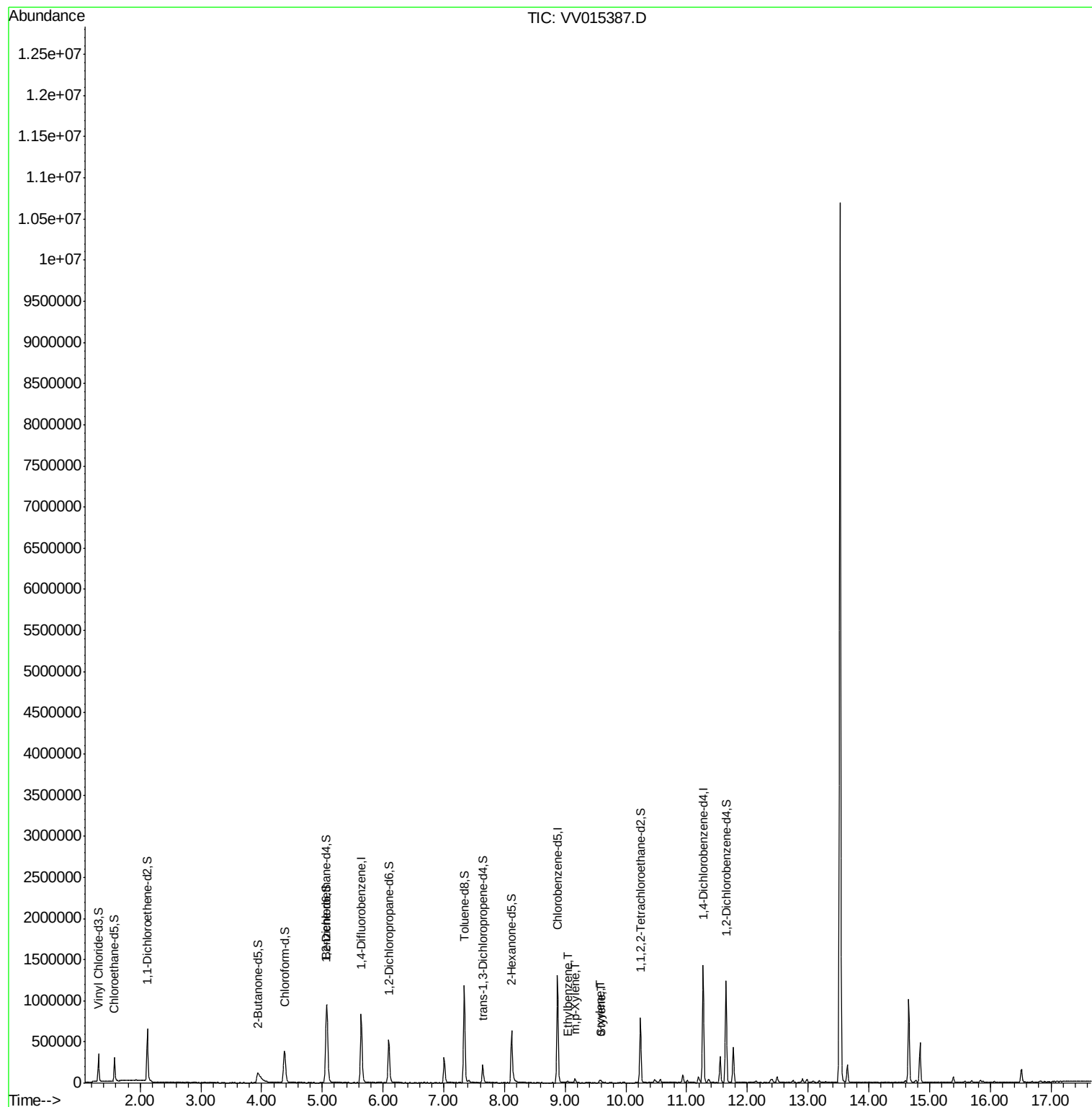
|                  |      |     |       |            | Ovalue |
|------------------|------|-----|-------|------------|--------|
| 52) Ethylbenzene | 9.04 | 91  | 15645 | 0.600 ug/L | 93     |
| 53) m,p-Xylene   | 9.16 | 106 | 14733 | 1.467 ug/L | 95     |
| 54) o-xylene     | 9.57 | 106 | 6324  | 0.629 ug/L | 89     |
| 55) Styrene      | 9.59 | 104 | 10020 | 0.599 ug/L | 83     |

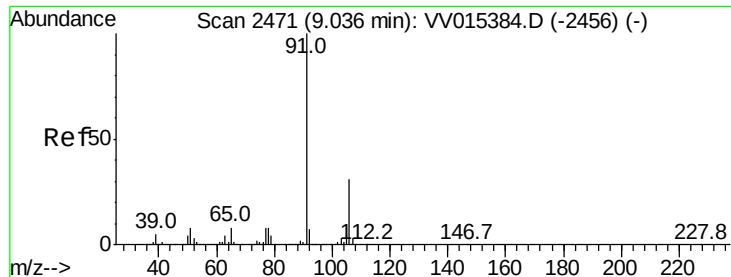
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040220\  
Data File : VV015387.D  
Acq On : 02 Apr 2020 21:40  
Operator : SY/MD  
Sample : L2065-11 50X  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBF07

Quant Time: Apr 03 06:01:13 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM040120WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 03 05:25:49 2020  
Response via : Initial Calibration





#52

Ethylbenzene

Concen: 0.600 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VV015387.D

Acq: 02 Apr 2020 21:40

Instrument :

MSVOA\_V

ClientSampleId :

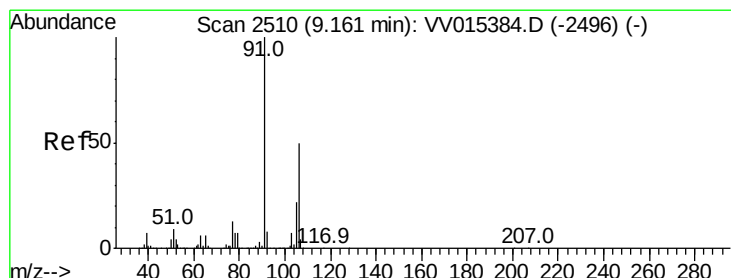
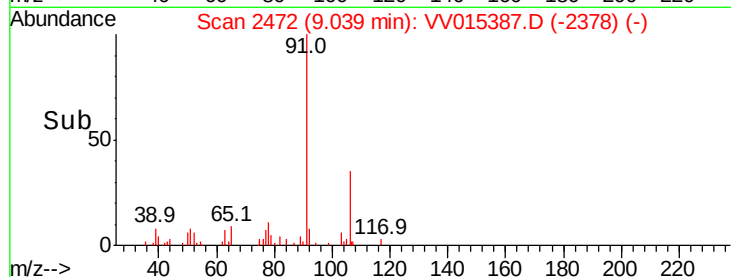
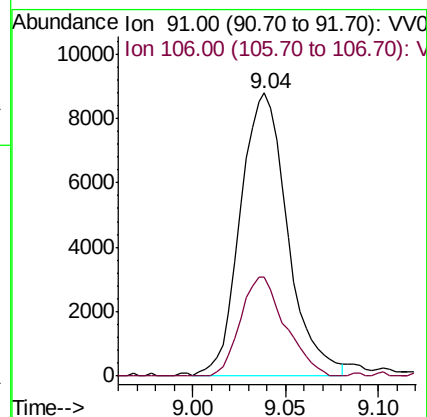
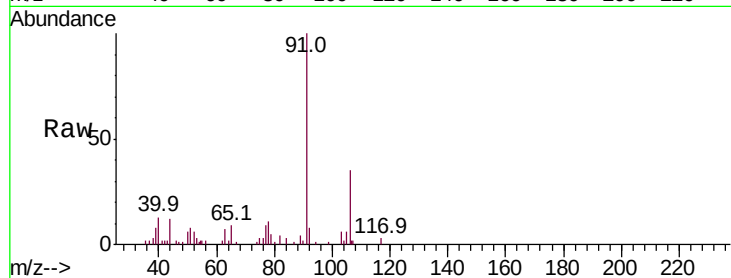
DBF07

Tot Ion: 91 Resp: 15645

Ion Ratio Lower Upper

91 100

106 34.9 21.8 40.6



#53

m,p-Xylene

Concen: 1.467 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV015387.D

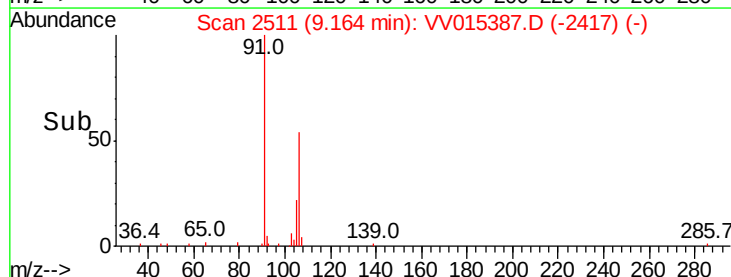
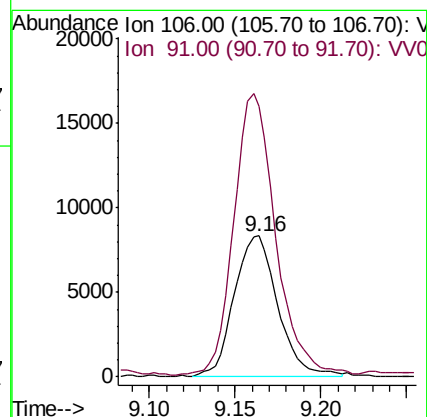
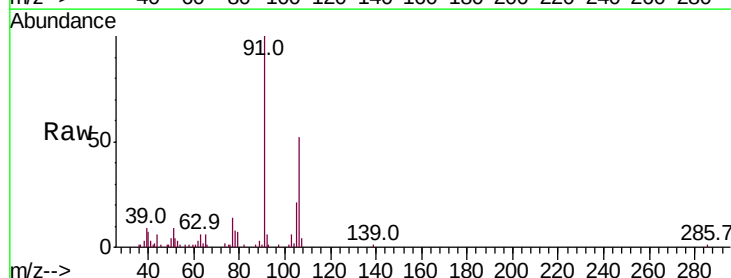
Acq: 02 Apr 2020 21:40

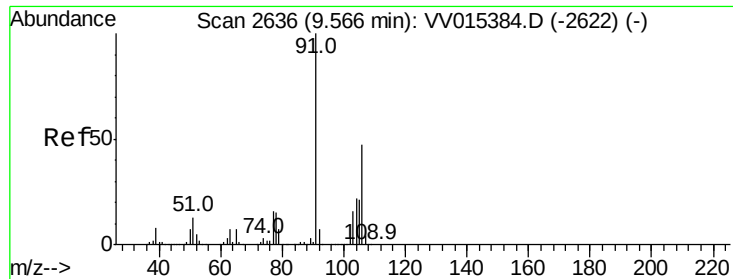
Tgt Ion: 106 Resp: 14733

Ion Ratio Lower Upper

106 100

91 191.8 139.7 259.5





#54

o-xylene

Concen: 0.629 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VV015387.D

Acq: 02 Apr 2020 21:40

Instrument :

MSVOA\_V

ClientSampleId :

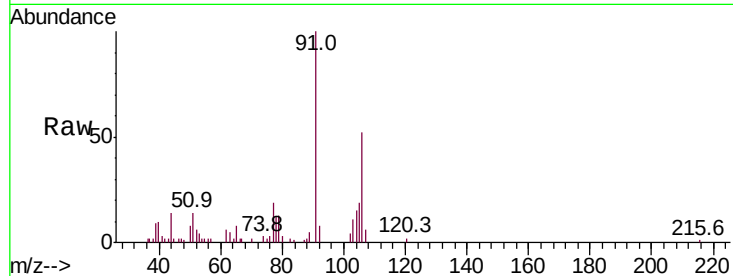
DBF07

Tot Ion:106 Resp: 6324

Ion Ratio Lower Upper

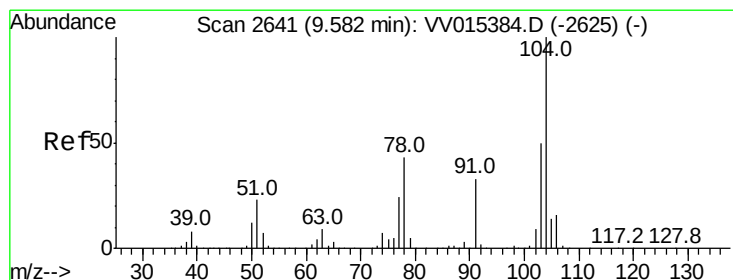
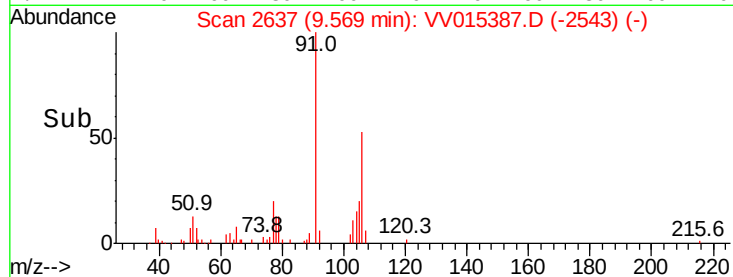
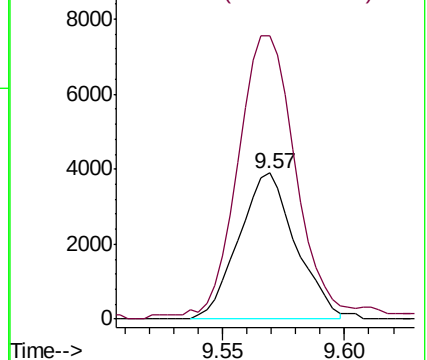
106 100

91 193.9 148.0 274.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 0.599 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.01 min

Lab File: VV015387.D

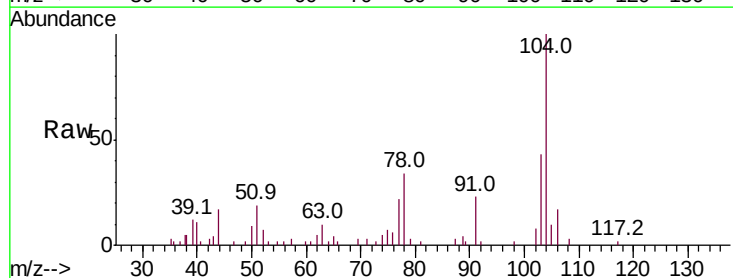
Acq: 02 Apr 2020 21:40

Tgt Ion:104 Resp: 10020

Ion Ratio Lower Upper

104 100

78 34.2 31.5 58.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

