

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120619\  
 Data File : VV013939.D  
 Acq On : 06 Dec 2019 13:48  
 Operator : SY/MD  
 Sample : K6190-02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BE896

Quant Time: Dec 07 02:45:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 07 01:39:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 664257   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 630847   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 252540   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 198099   | 51.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 103.12% |
| 7) Chloroethane-d5             | 1.57    | 69    | 203879   | 50.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.68% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 307563   | 36.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.40%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 232458   | 85.97    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 85.97%  |
| 24) Chloroform-d               | 4.40    | 84    | 364823   | 45.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.44%  |
| 26) 1,2-Dichloroethane-d4      | 5.07    | 65    | 236086   | 46.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.36%  |
| 32) Benzene-d6                 | 5.09    | 84    | 751766   | 45.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.98%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 237327   | 48.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.74%  |
| 41) Toluene-d8                 | 7.35    | 98    | 660690   | 44.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.66%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 98519    | 41.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.52%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 138332   | 75.50    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 75.50%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 286480   | 40.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 80.64%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 246269   | 49.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.30%  |

## Target Compounds

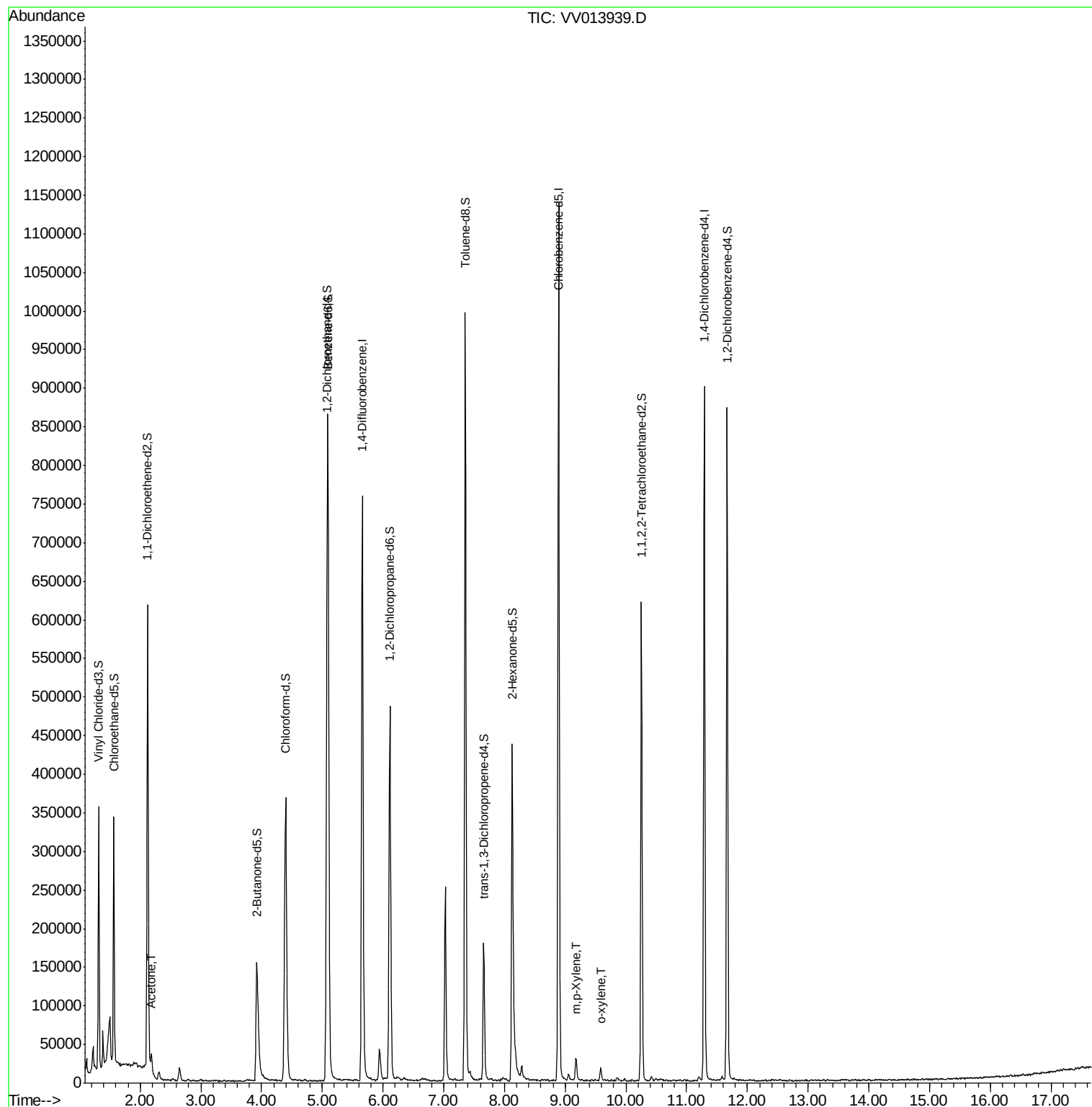
|                |      |     |       |       | Ovalue   |
|----------------|------|-----|-------|-------|----------|
| 13) Acetone    | 2.19 | 43  | 15980 | 4.033 | ug/L 100 |
| 53) m,p-Xylene | 9.18 | 106 | 8643  | 1.046 | ug/L 88  |
| 54) o-xylene   | 9.59 | 106 | 4489  | 0.556 | ug/L 99  |

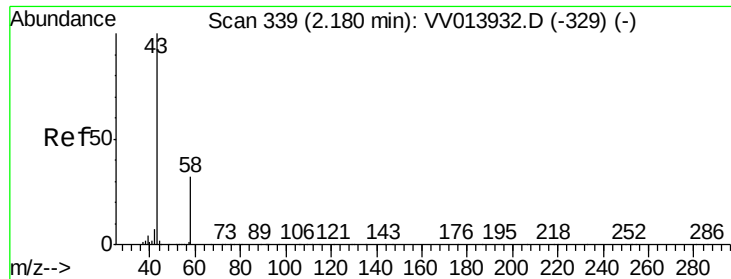
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV120619\  
Data File : VV013939.D  
Acq On : 06 Dec 2019 13:48  
Operator : SY/MD  
Sample : K6190-02  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BE896

Quant Time: Dec 07 02:45:14 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Dec 07 01:39:07 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 4.033 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV013939.D

Acq: 06 Dec 2019 13:48

Instrument :

MSVOA\_V

ClientSampleId :

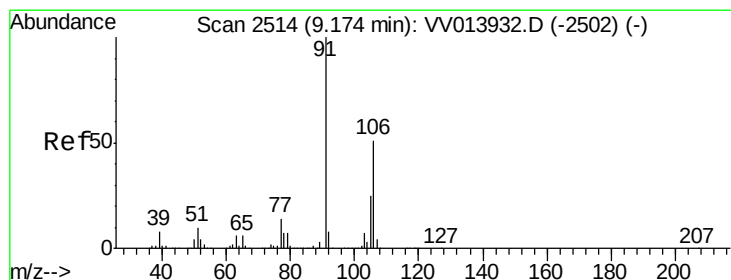
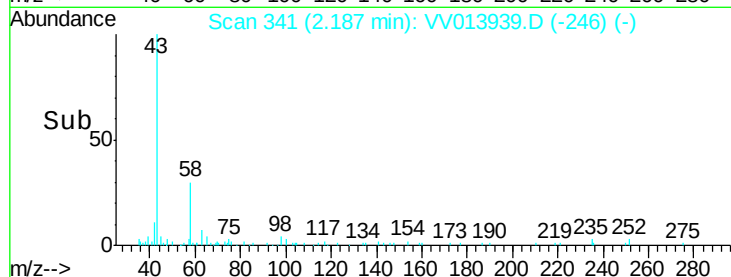
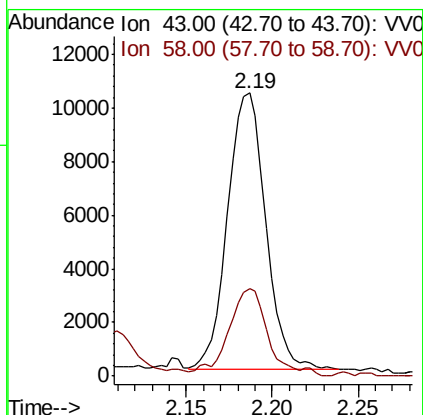
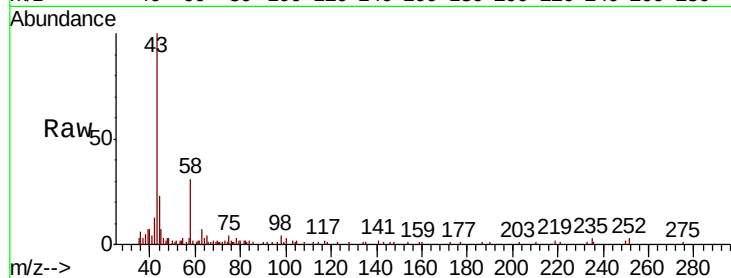
BE896

Tot Ion: 43 Resp: 15980

Ion Ratio Lower Upper

43 100

58 30.2 0.0 60.8



#53

m,p-Xylene

Concen: 1.046 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.01 min

Lab File: VV013939.D

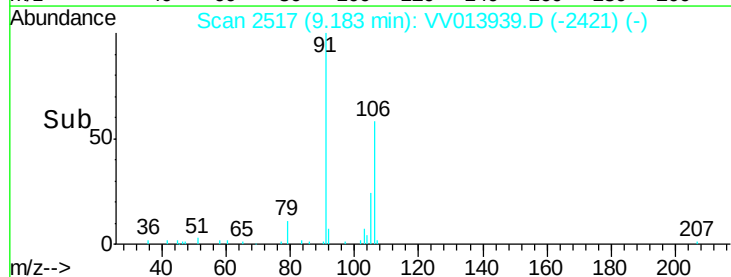
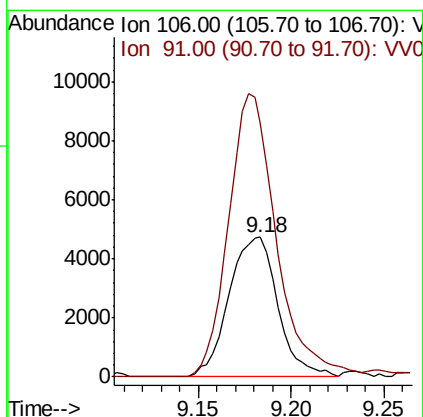
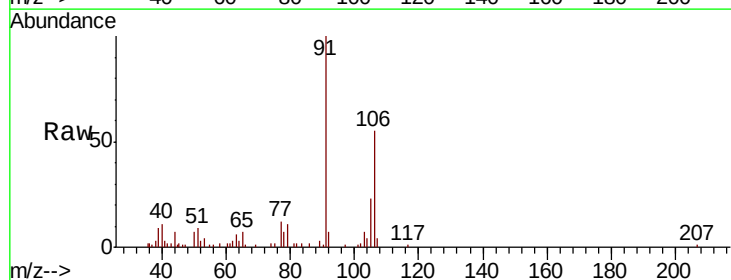
Acq: 06 Dec 2019 13:48

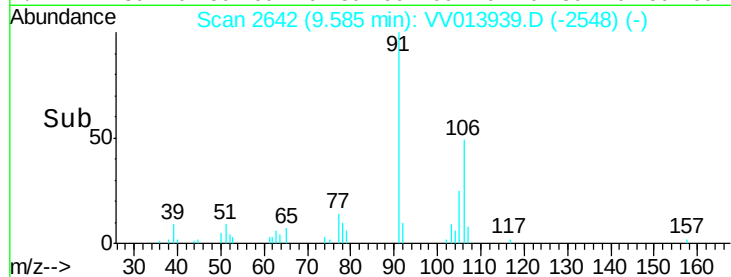
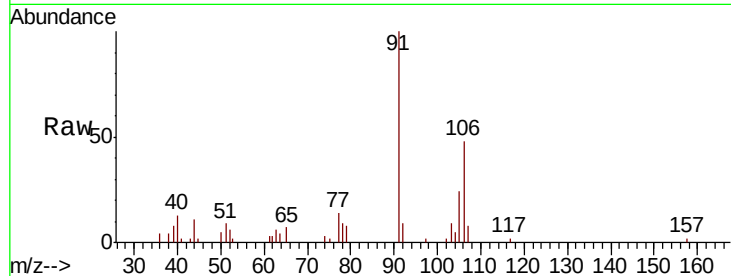
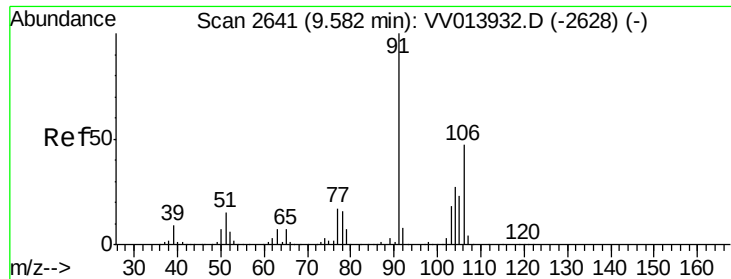
Tgt Ion: 106 Resp: 8643

Ion Ratio Lower Upper

106 100

91 181.4 139.4 259.0





#54  
o-xylene  
Concen: 0.556 ug/L  
RT: 9.59 min Scan# 2642  
Delta R.T. 0.00 min  
Lab File: VV013939.D  
Acq: 06 Dec 2019 13:48

Instrument :  
MSVOA\_V  
ClientSampleId :  
BE896

Tot Ion:106 Resp: 4489  
Ion Ratio Lower Upper  
106 100  
91 208.1 147.1 273.1

