

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\  
 Data File : VV017785.D  
 Acq On : 31 Jul 2020 19:35  
 Operator : SY/MD  
 Sample : L3520-08  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 D0AC0

Quant Time: Aug 01 06:20:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Aug 01 04:42:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 141543   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 135232   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 72569    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 28104    | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 25883    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.00% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 46351    | 3.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.20%  |
| 20) 2-Butanone-d5              | 3.92   | 46    | 66851    | 41.35    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 82.70%  |
| 24) Chloroform-d               | 4.37   | 84    | 68960    | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 41485    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.40%  |
| 32) Benzene-d6                 | 5.07   | 84    | 122947   | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 82.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 33394    | 4.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 80.60%  |
| 41) Toluene-d8                 | 7.34   | 98    | 106113   | 3.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.20%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 14069    | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.00%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 42174    | 36.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 72.48%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 23105    | 4.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 80.20%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 51559    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.00%  |

## Target Compounds

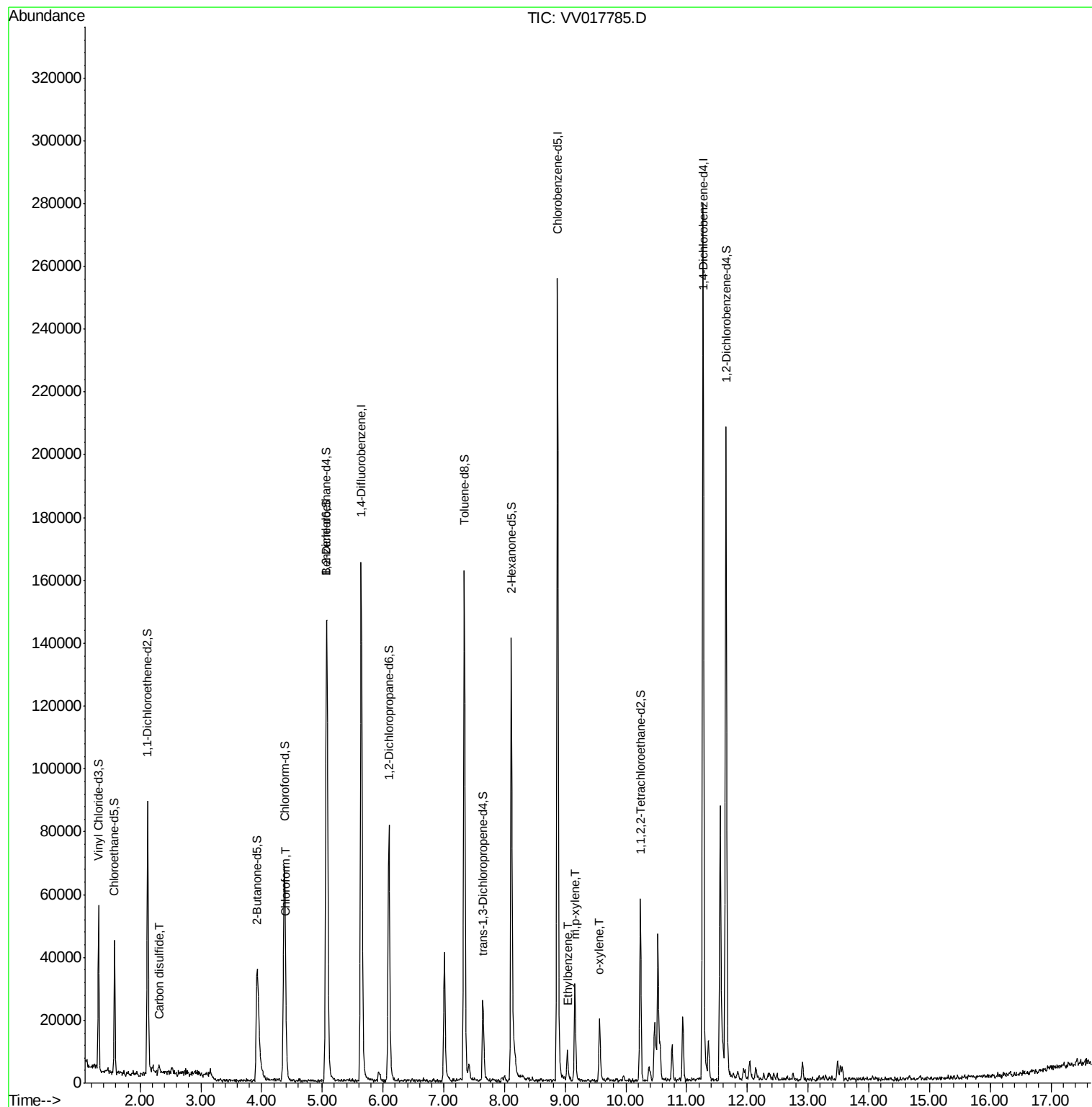
|                      |      |     |      |              | Ovalue |
|----------------------|------|-----|------|--------------|--------|
| 14) Carbon disulfide | 2.32 | 76  | 3477 | 0.150 ug/L # | 94     |
| 25) Chloroform       | 4.41 | 83  | 4052 | 0.207 ug/L   | 97     |
| 54) Ethylbenzene     | 9.04 | 91  | 5966 | 0.128 ug/L   | 92     |
| 55) m,p-xylene       | 9.16 | 106 | 8489 | 0.482 ug/L   | 95     |
| 56) o-xylene         | 9.57 | 106 | 4796 | 0.281 ug/L   | 90     |

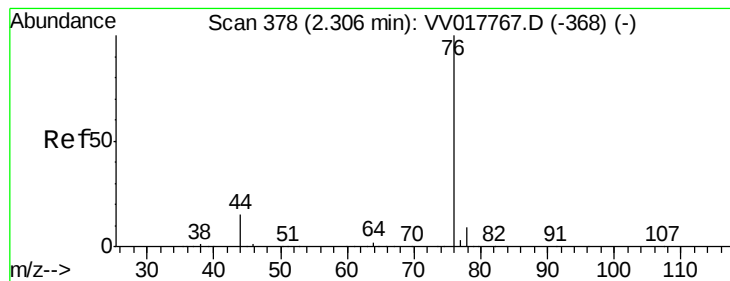
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 01 04:42:38 2020  
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.150 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV017785.D

Acq: 31 Jul 2020 19:35

Instrument :

MSVOA\_V

ClientSampleId :

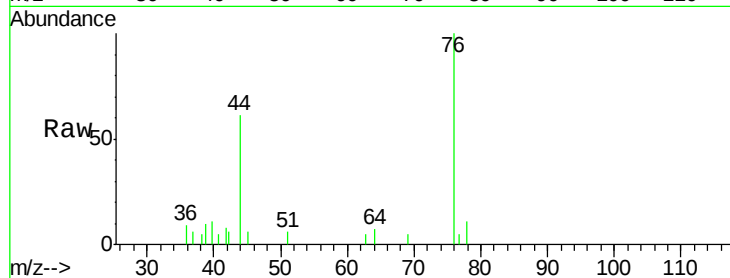
D0AC0

Tot Ion: 76 Resp: 3477

Ion Ratio Lower Upper

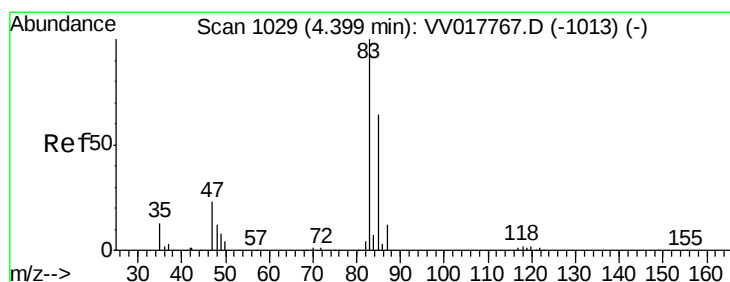
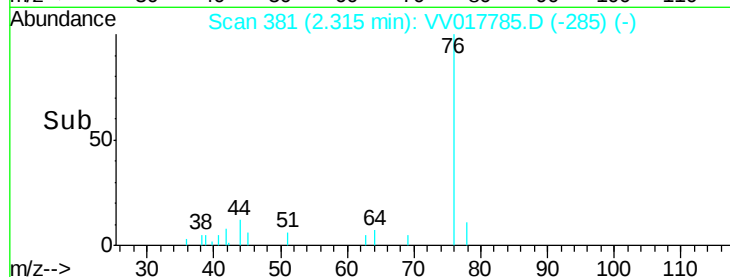
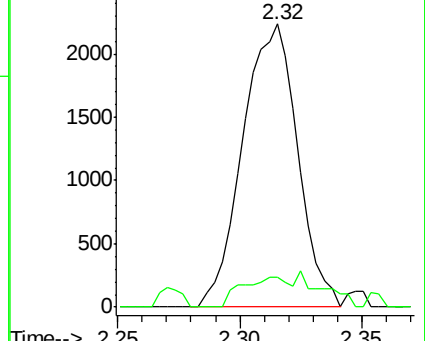
76 100

78 10.5 6.6 10.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#25

Chloroform

Concen: 0.207 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV017785.D

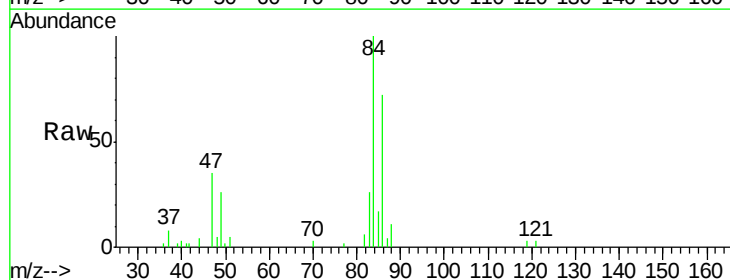
Acq: 31 Jul 2020 19:35

Tgt Ion: 83 Resp: 4052

Ion Ratio Lower Upper

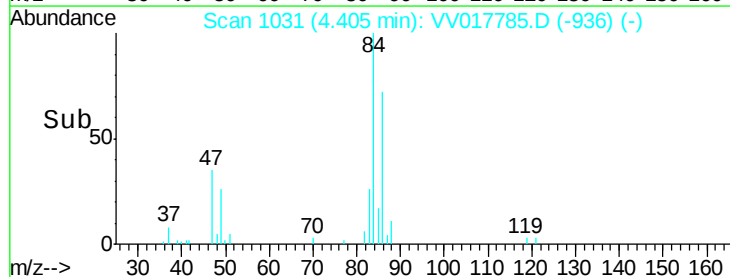
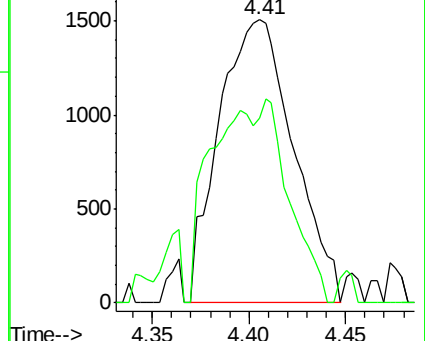
83 100

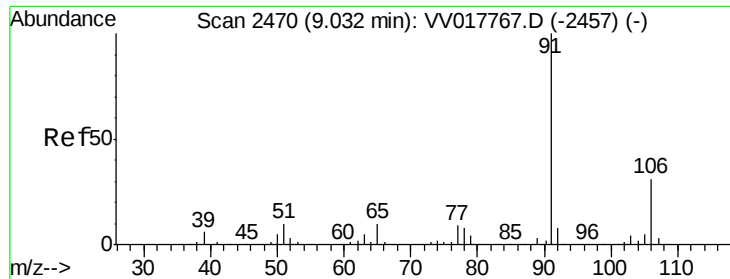
85 65.3 47.3 87.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#54

Ethylbenzene

Concen: 0.128 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV017785.D

Acq: 31 Jul 2020 19:35

Instrument :

MSVOA\_V

ClientSampleId :

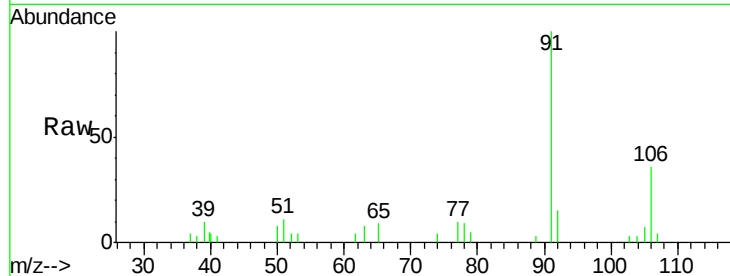
D0AC0

Tot Ion: 91 Resp: 5966

Ion Ratio Lower Upper

91 100

106 35.5 21.6 40.2

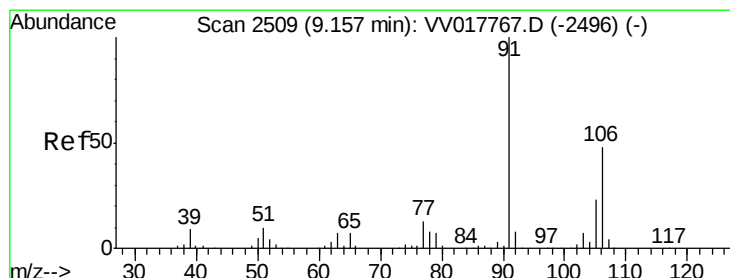
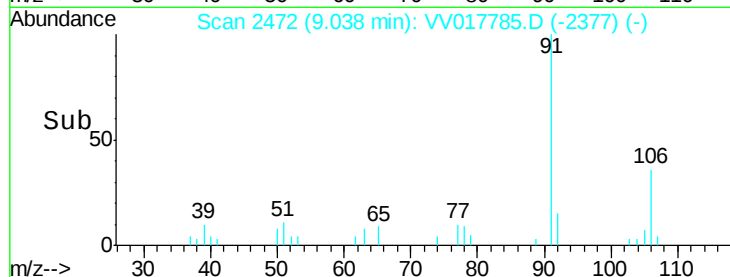


Abundance Ion 91.15 (90.85 to 91.85): VV017767.D (-2457) (-)

Ion 106.15 (105.85 to 106.85): VV017767.D (-2457) (-)

9.04

Time-->



#55

m,p-xylene

Concen: 0.482 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017785.D

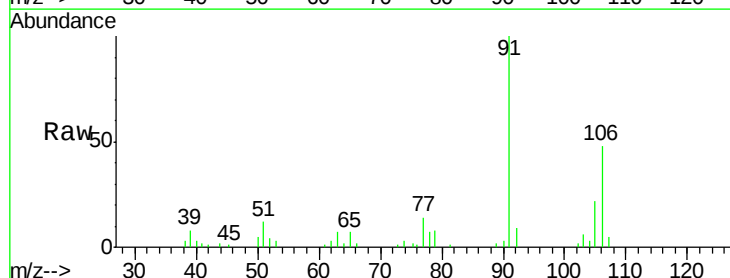
Acq: 31 Jul 2020 19:35

Tgt Ion: 106 Resp: 8489

Ion Ratio Lower Upper

106 100

91 209.6 141.3 262.3

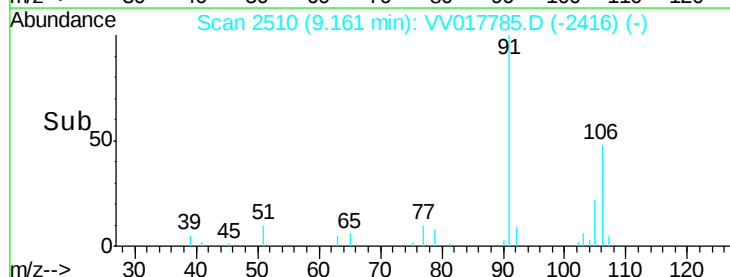


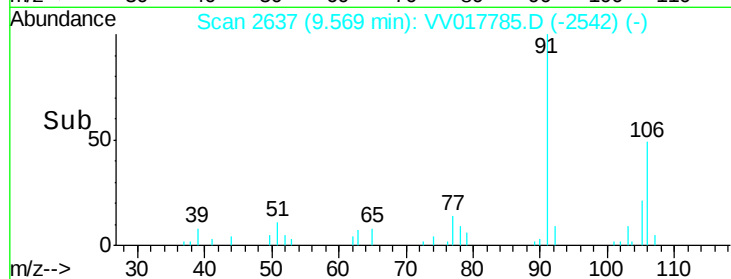
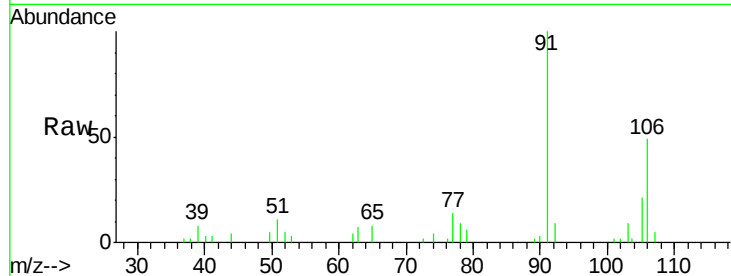
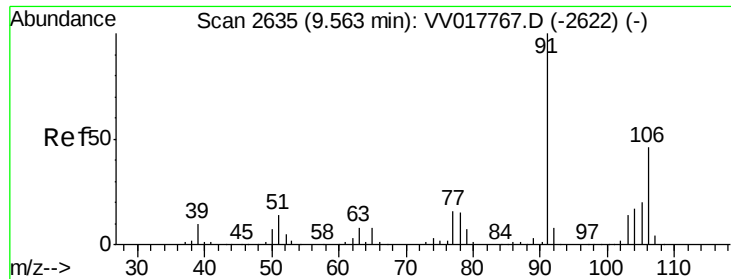
Abundance Ion 106.15 (105.85 to 106.85): VV017767.D (-2496) (-)

Ion 91.15 (90.85 to 91.85): VV017767.D (-2496) (-)

9.16

Time-->





#56  
 o-xylene  
 Concen: 0.281 ug/L  
 RT: 9.57 min Scan# 2637  
 Delta R.T. 0.01 min  
 Lab File: VV017785.D  
 Acq: 31 Jul 2020 19:35

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 D0AC0

Tot Ion:106 Resp: 4796  
 Ion Ratio Lower Upper  
 106 100  
 91 204.3 153.9 285.7

