

Data File : VV017726.D  
Acq On : 29 Jul 2020 13:28  
Operator : SY/MD  
Sample : L3470-06  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
H0AE7

Quant Time: Jul 30 05:08:34 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072320WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jul 30 04:28:04 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 138869   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 139580   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 72699    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 31965    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 28813    | 5.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 113.60% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 54624    | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.40%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 76461    | 48.20    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.40%  |
| 24) Chloroform-d               | 4.38   | 84    | 81064    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.00% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 46211    | 5.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.60% |
| 32) Benzene-d6                 | 5.07   | 84    | 139164   | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 39090    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.40%  |
| 41) Toluene-d8                 | 7.34   | 98    | 129071   | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.40%  |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 16287    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.00%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 51694    | 43.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.08%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 27066    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.00%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 55529    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

#### Target Compounds

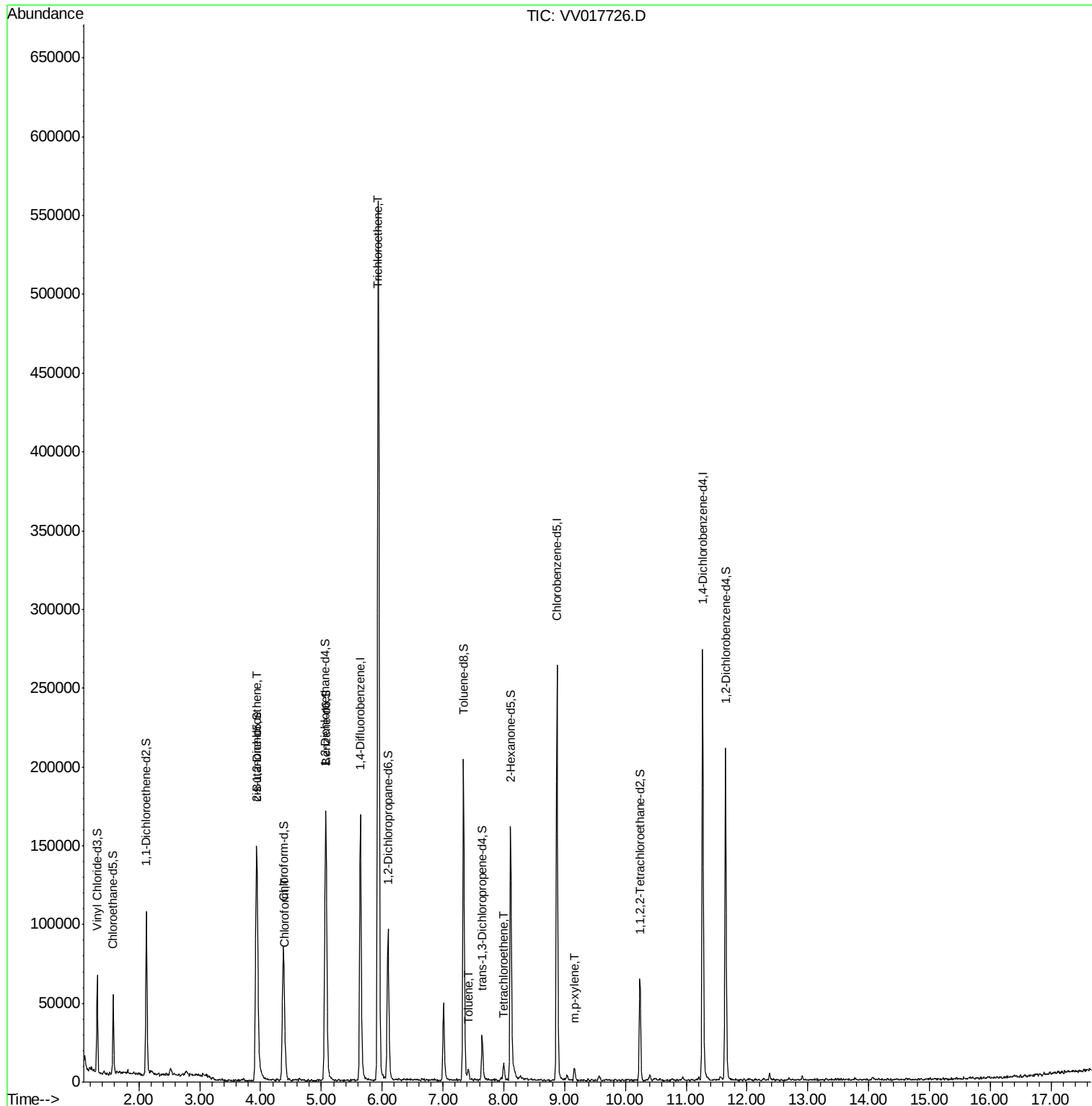
|                            |      |     |        |        | Qvalue    |
|----------------------------|------|-----|--------|--------|-----------|
| 22) cis-1,2-Dichloroethene | 3.94 | 96  | 63683  | 6.206  | ug/L 93   |
| 25) Chloroform             | 4.40 | 83  | 7184   | 0.374  | ug/L 98   |
| 34) Trichloroethene        | 5.94 | 95  | 184702 | 16.736 | ug/L 98   |
| 42) Toluene                | 7.41 | 91  | 4293   | 0.100  | ug/L 97   |
| 49) Tetrachloroethene      | 8.00 | 164 | 2523   | 0.259  | ug/L 90   |
| 55) m,p-xylene             | 9.17 | 106 | 2218   | 0.122  | ug/L # 55 |

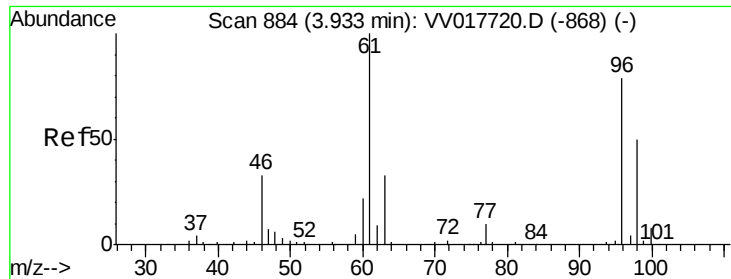
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 6.206 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

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Acq: 29 Jul 2020 13:28

Instrument :

MSVOA\_V

ClientSampleId :

H0AE7

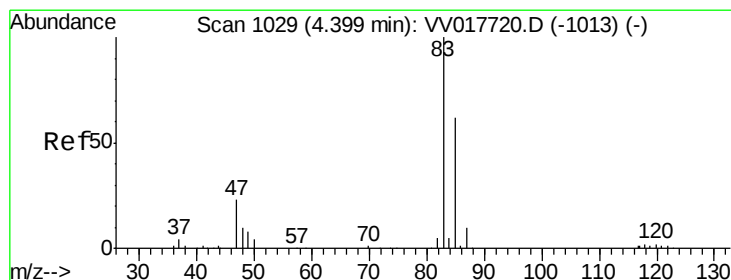
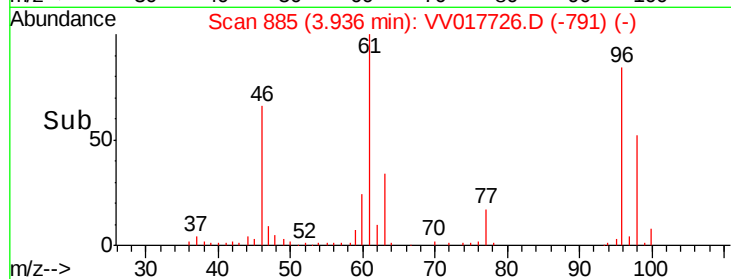
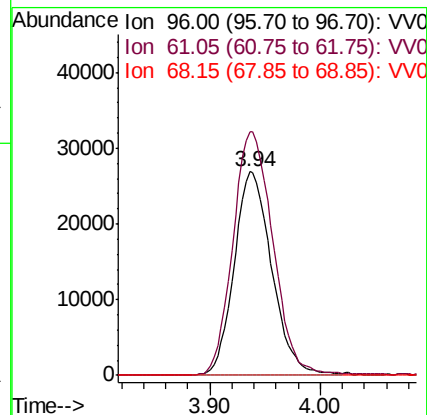
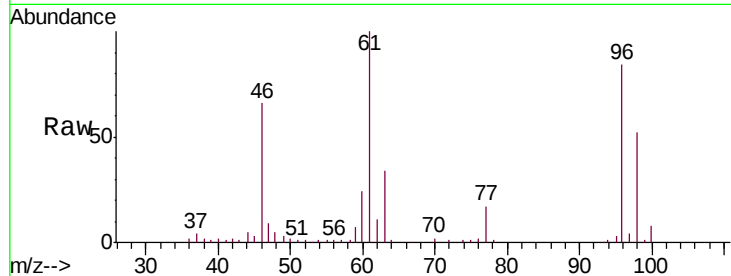
Tgt Ion: 96 Resp: 63683

Ion Ratio Lower Upper

96 100

61 119.7 89.6 166.4

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.374 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017726.D

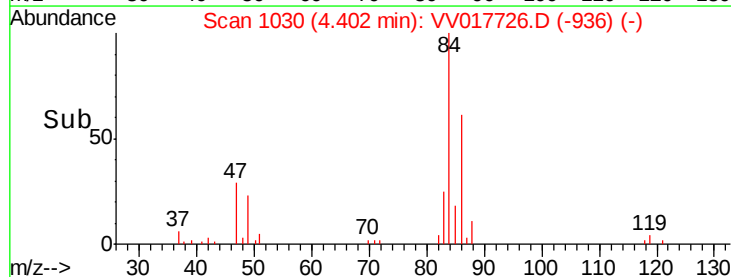
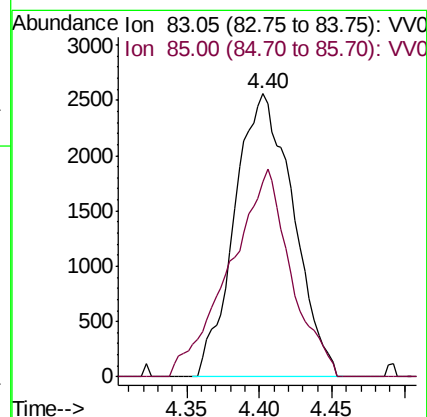
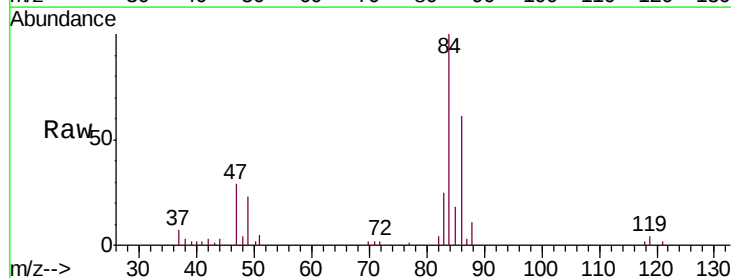
Acq: 29 Jul 2020 13:28

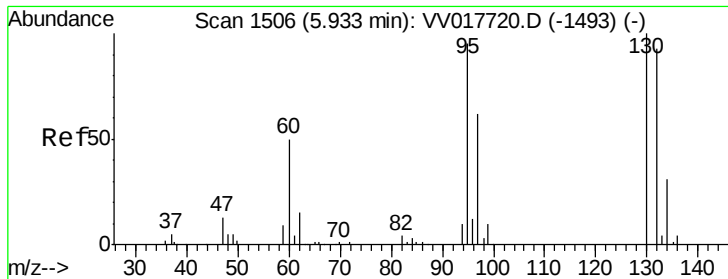
Tgt Ion: 83 Resp: 7184

Ion Ratio Lower Upper

83 100

85 69.1 47.3 87.9

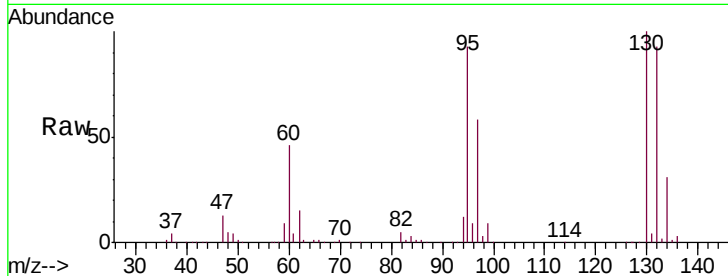




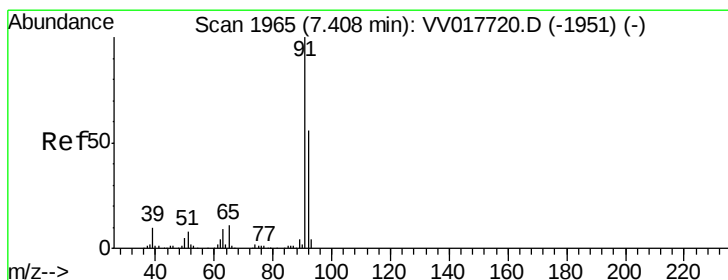
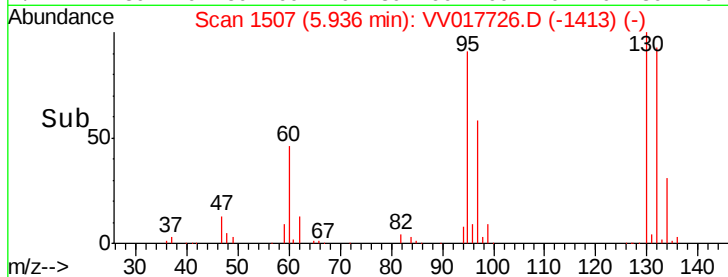
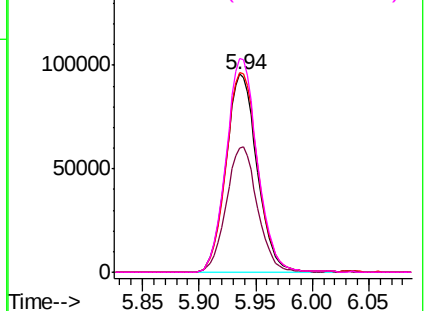
#34  
 Trichloroethene  
 Concen: 16.736 ug/L  
 RT: 5.94 min Scan# 1507  
 Delta R.T. 0.00 min  
 Lab File: VV017726.D  
 Acq: 29 Jul 2020 13:28

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0AE7

Tgt Ion: 95 Resp: 184702  
 Ion Ratio Lower Upper  
 95 100  
 97 63.0 46.1 85.5  
 132 100.8 71.7 133.1  
 130 107.9 74.3 137.9

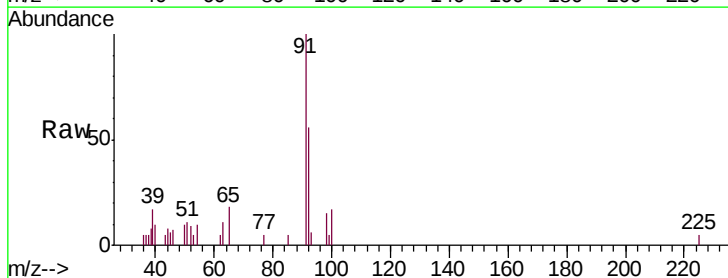


Abundance Ion 95.00 (94.70 to 95.70): VV0  
 Ion 96.95 (96.65 to 97.65): VV0  
 Ion 131.95 (131.65 to 132.65): V  
 Ion 129.95 (129.65 to 130.65): V

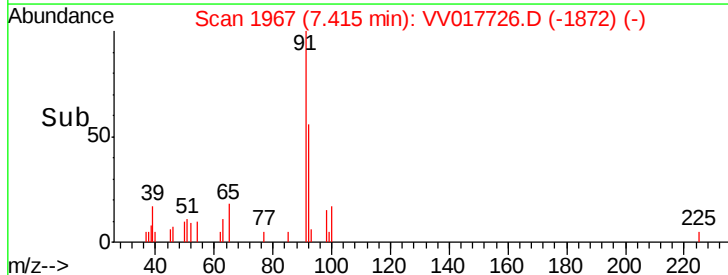
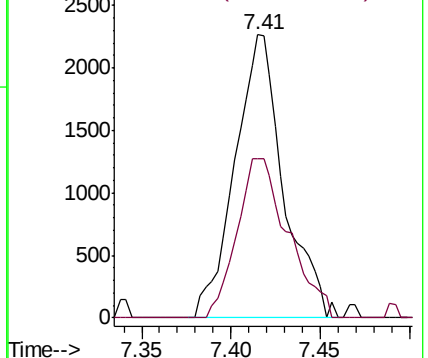


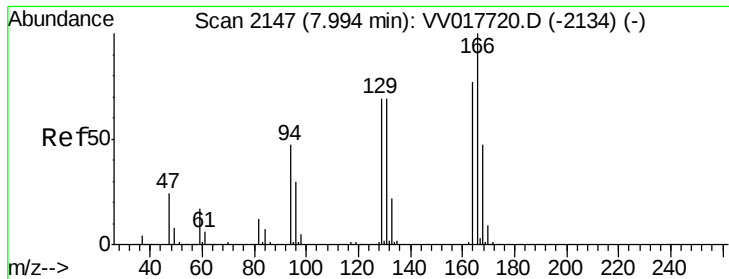
#42  
 Toluene  
 Concen: 0.100 ug/L  
 RT: 7.41 min Scan# 1967  
 Delta R.T. 0.01 min  
 Lab File: VV017726.D  
 Acq: 29 Jul 2020 13:28

Tgt Ion: 91 Resp: 4293  
 Ion Ratio Lower Upper  
 91 100  
 92 56.2 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0  
 Ion 92.15 (91.85 to 92.85): VV0





#49

Tetrachloroethene

Concen: 0.259 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017726.D

Acq: 29 Jul 2020 13:28

Instrument :

MSVOA\_V

ClientSampleId :

H0AE7

Tgt Ion:164 Resp: 2523

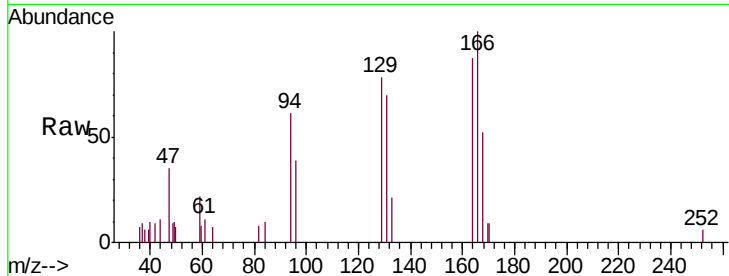
Ion Ratio Lower Upper

164 100

129 89.8 65.0 120.8

131 80.4 63.6 118.2

166 115.4 91.7 170.3

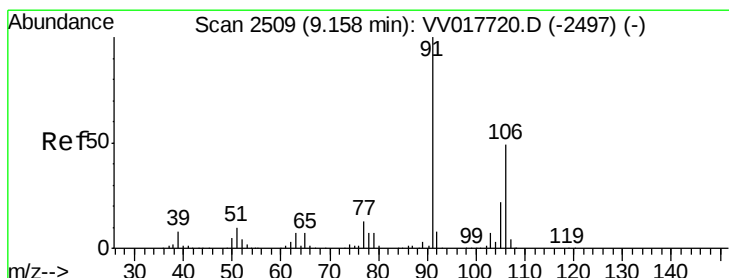
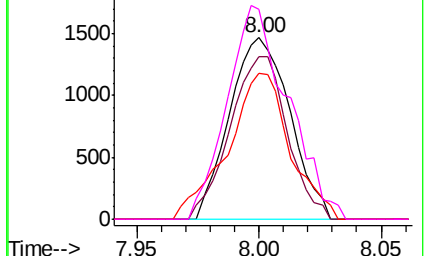
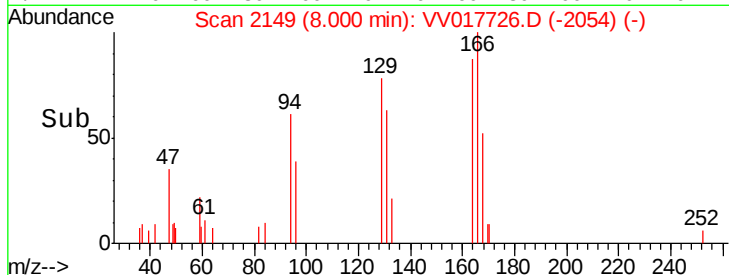


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#55

m,p-xylene

Concen: 0.122 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

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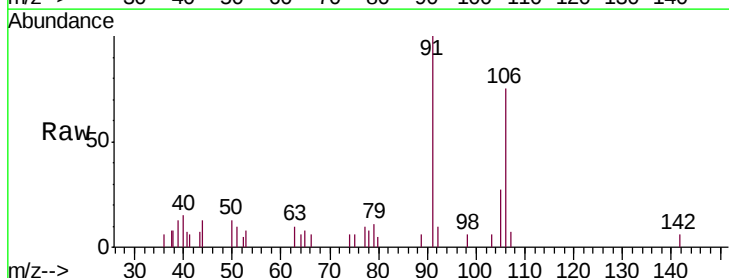
Acq: 29 Jul 2020 13:28

Tgt Ion:106 Resp: 2218

Ion Ratio Lower Upper

106 100

91 132.7 141.3 262.3#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

