

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\  
 Data File : VU039849.D  
 Acq On : 13 Aug 2020 14:29  
 Operator : SY/MD  
 Sample : L3647-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CB7H6

Quant Time: Aug 14 02:13:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR080320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 14 01:47:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 85068    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 83456    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 40156    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 18760    | 4.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 81.60%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 18461    | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 74.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 25606    | 2.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 55.40%# |
| 20) 2-Butanone-d5              | 4.66   | 46    | 81652    | 40.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 80.82%  |
| 24) Chloroform-d               | 5.08   | 84    | 41872    | 3.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 73.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 26567    | 3.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.80%  |
| 32) Benzene-d6                 | 5.75   | 84    | 79390    | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.71   | 67    | 28301    | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 83.20%  |
| 41) Toluene-d8                 | 7.91   | 98    | 62140    | 3.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 70.60%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 9885     | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 56648    | 40.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.30%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 24948    | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 75.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 29817    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 86.80%  |

## Target Compounds

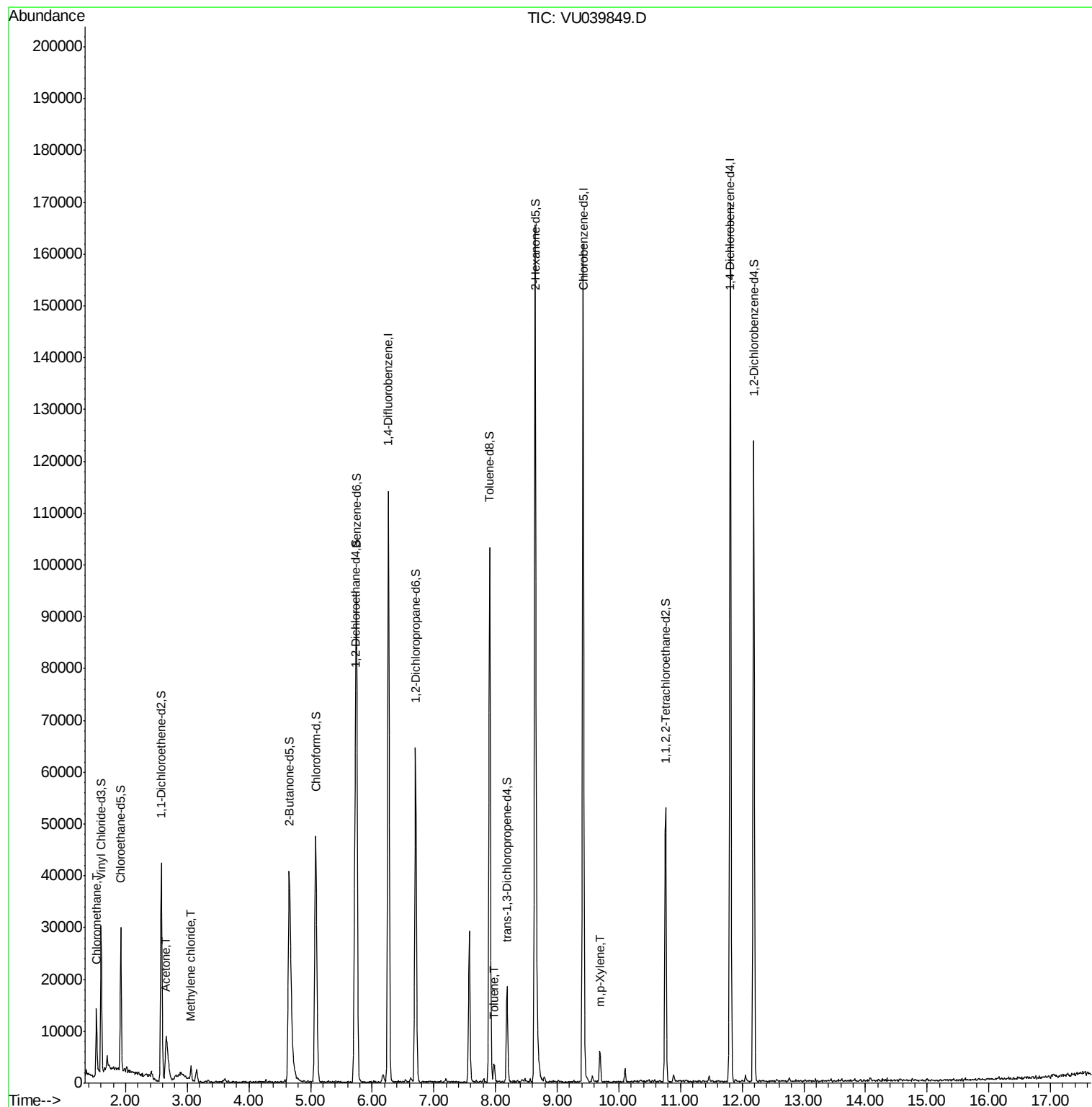
|                        |      |     |       |        | Ovalue  |
|------------------------|------|-----|-------|--------|---------|
| 3) Chloromethane       | 1.53 | 50  | 8958  | 1.242  | ug/L 99 |
| 13) Acetone            | 2.66 | 43  | 18938 | 15.900 | ug/L 63 |
| 16) Methylene chloride | 3.06 | 84  | 1057  | 0.129  | ug/L 95 |
| 42) Toluene            | 7.98 | 91  | 2716  | 0.114  | ug/L 84 |
| 53) m,p-Xylene         | 9.70 | 106 | 1620  | 0.159  | ug/L 93 |

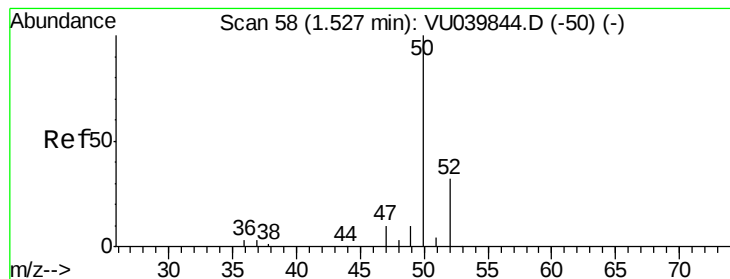
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.242 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU039849.D

Acq: 13 Aug 2020 14:29

Instrument :

MSVOA\_U

ClientSampleId :

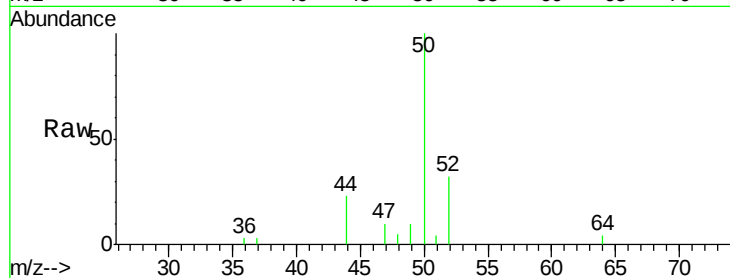
CB7H6

Tot Ion: 50 Resp: 8958

Ion Ratio Lower Upper

50 100

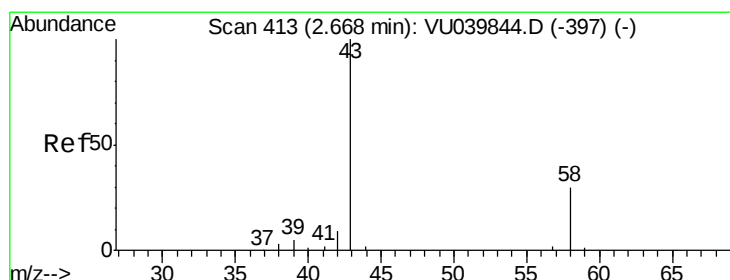
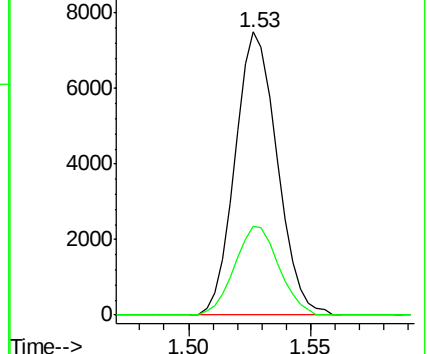
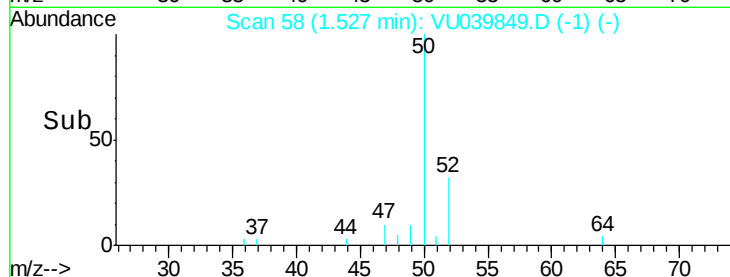
52 31.5 21.6 40.0



Abundance Ion 50.05 (49.75 to 50.75): VU039849.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU039849.D (-50) (-)

Time-->



#13

Acetone

Concen: 15.900 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039849.D

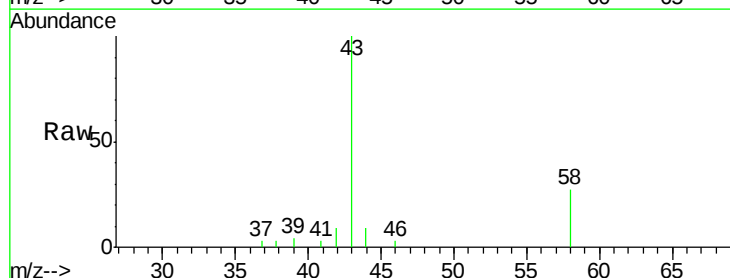
Acq: 13 Aug 2020 14:29

Tgt Ion: 43 Resp: 18938

Ion Ratio Lower Upper

43 100

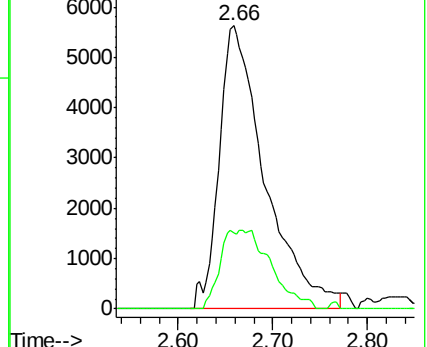
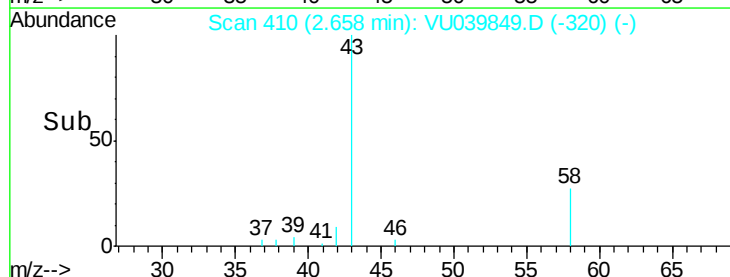
58 10.6 0.0 61.8

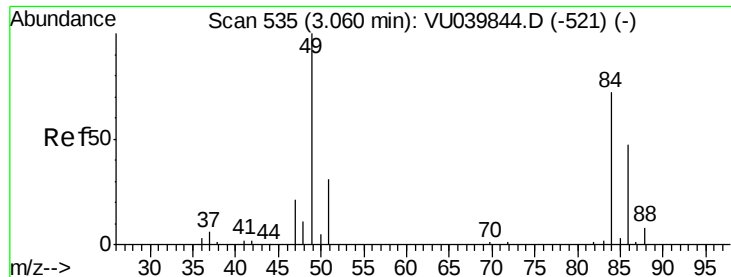


Abundance Ion 43.05 (42.75 to 43.75): VU039849.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU039849.D (-397) (-)

Time-->

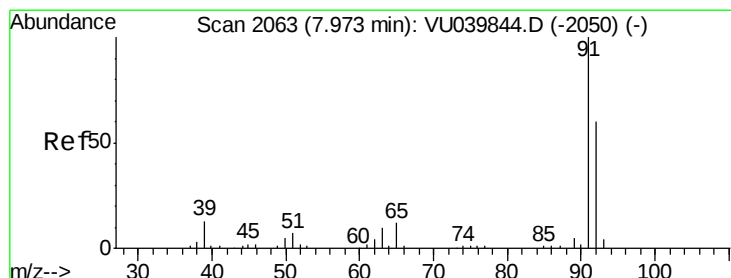
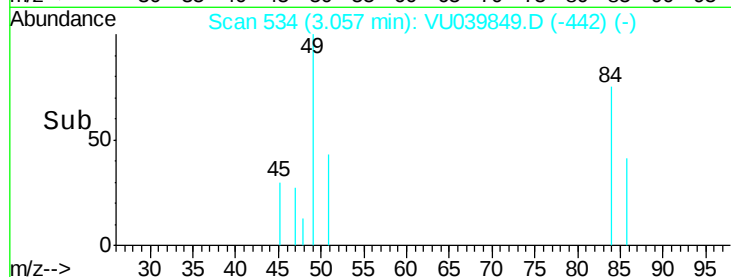
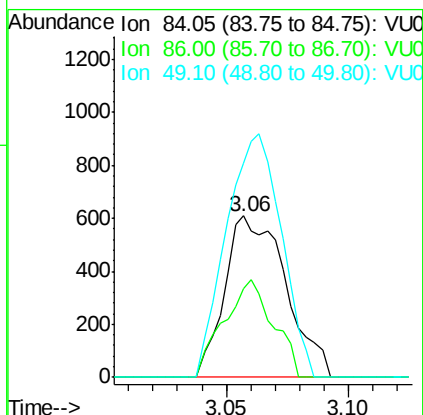
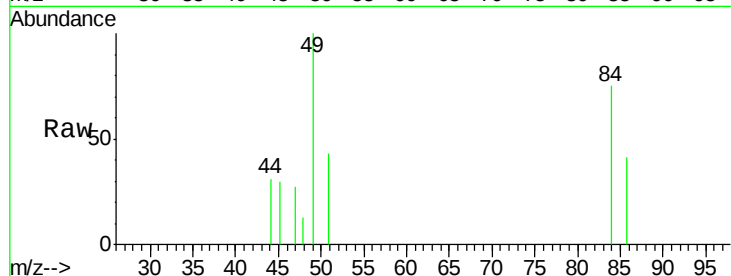




#16  
Methvlene chloride  
Concen: 0.129 ug/L  
RT: 3.06 min Scan# 534  
Delta R.T. -0.00 min  
Lab File: VU039849.D  
Acq: 13 Aug 2020 14:29

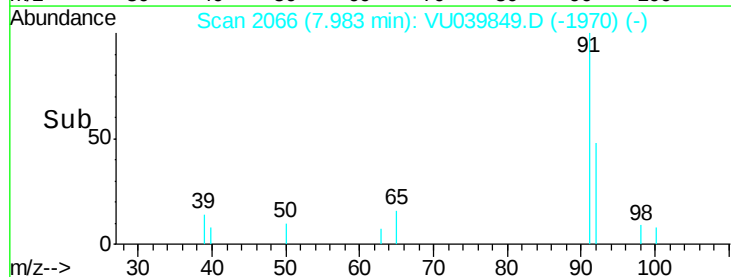
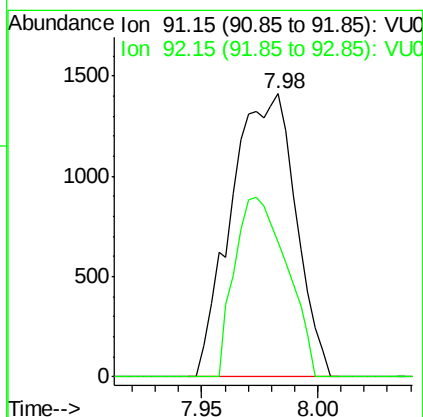
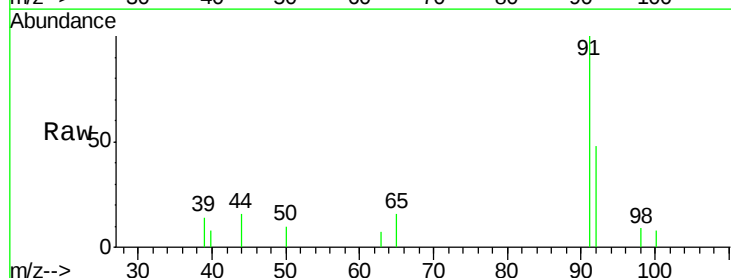
Instrument :  
MSVOA\_U  
ClientSampled :  
CB7H6

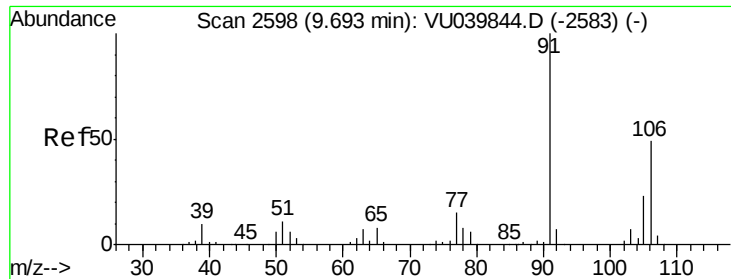
Tot Ion: 84 Resp: 1057  
Ion Ratio Lower Upper  
84 100  
86 54.8 43.9 81.5  
49 132.5 94.4 175.4



#42  
Toluene  
Concen: 0.114 ug/L  
RT: 7.98 min Scan# 2066  
Delta R.T. 0.01 min  
Lab File: VU039849.D  
Acq: 13 Aug 2020 14:29

Tgt Ion: 91 Resp: 2716  
Ion Ratio Lower Upper  
91 100  
92 47.8 41.6 77.3





#53

m,p-Xylene

Concen: 0.159 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU039849.D

Acq: 13 Aug 2020 14:29

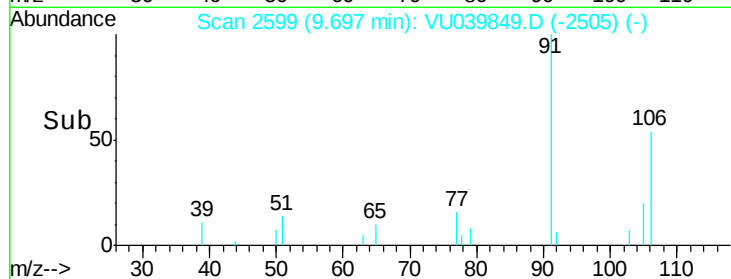
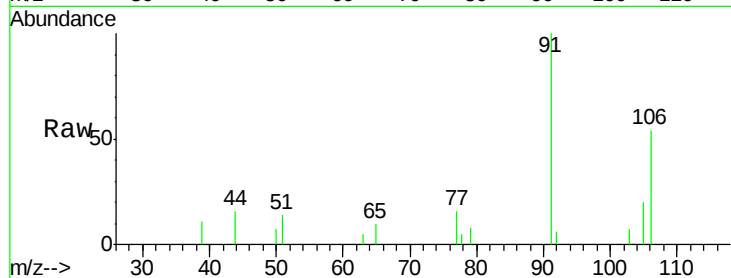
Instrument :  
MSVOA\_U  
ClientSampleId :  
CB7H6

Tot Ion:106 Resp: 1620

Ion Ratio Lower Upper

106 100

91 183.6 135.5 251.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

