

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100818\
 Data File : VU027500.D
 Acq On : 08 Oct 2018 15:15
 Operator : MD/SY
 Sample : J5298-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62T5

Quant Time: Oct 09 09:10:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 04:55:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	186576	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179538	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59942	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.64%
7) Chloroethane-d5	1.68	69	50799	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.82%
11) 1,1-Dichloroethene-d2	2.27	63	86285	31.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.66%
21) 2-Butanone-d5	4.18	46	131028	110.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.54%
24) Chloroform-d	4.65	84	116660	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
26) 1,2-Dichloroethane-d4	5.31	65	83253	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
32) Benzene-d6	5.34	84	233594	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.33	67	84349	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.72%
41) Toluene-d8	7.57	98	195378	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%
43) trans-1,3-Dichloropropene-	7.85	79	37880	44.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.20%
47) 2-Hexanone-d5	8.31	63	92661	104.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114517	49.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	78857	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%

Target Compounds

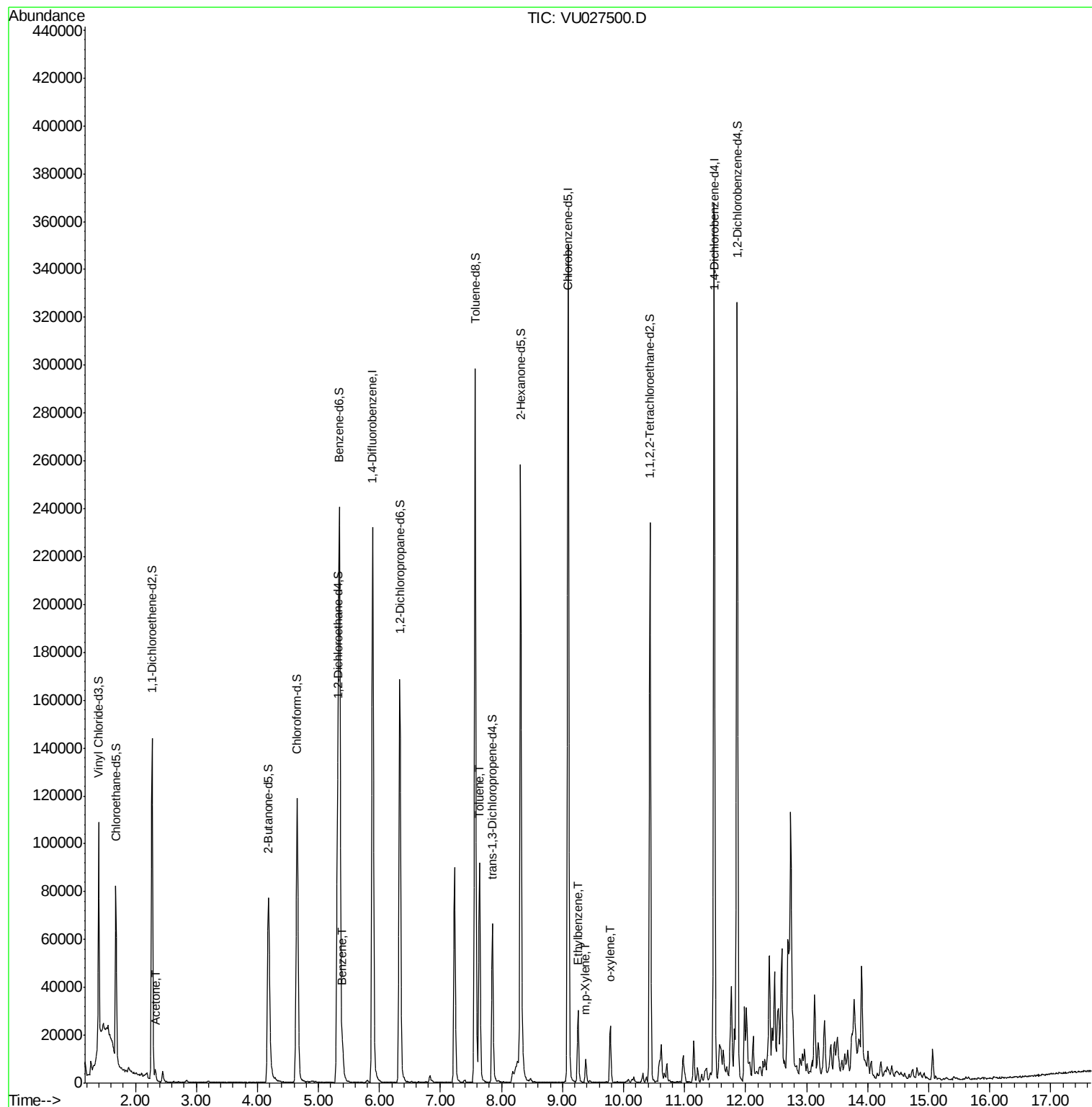
					Ovalue
13) Acetone	2.33	43	3619	3.722 ug/L	91
33) Benzene	5.39	78	12053	2.043 ug/L	100
42) Toluene	7.64	91	64267	10.856 ug/L	97
52) Ethylbenzene	9.25	91	21179	3.222 ug/L	99
53) m,p-Xylene	9.38	106	2663	1.107 ug/L	99
54) o-xylene	9.78	106	5887	2.540 ug/L	89

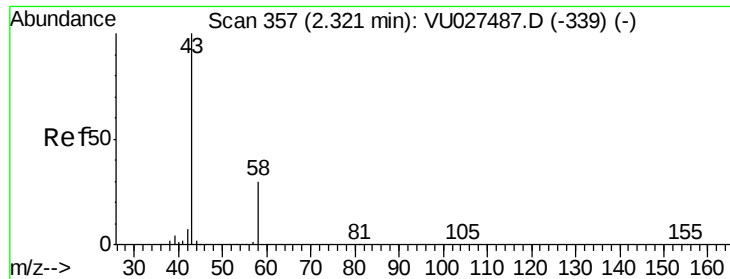
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.722 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027500.D

Acq: 08 Oct 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

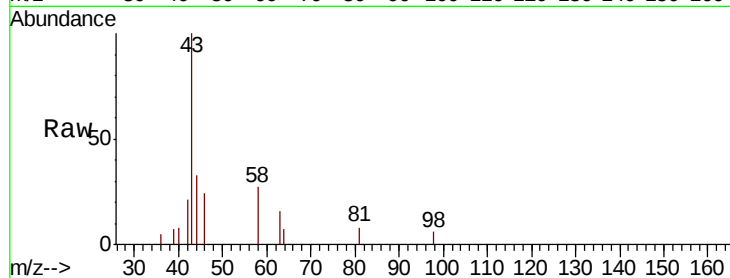
E62T5

Tot Ion: 43 Resp: 3619

Ion Ratio Lower Upper

43 100

58 25.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2500

2000

1500

1000

500

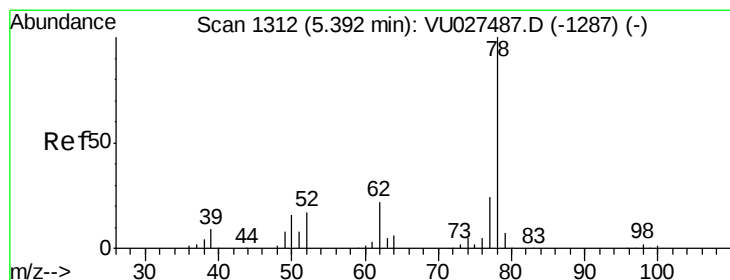
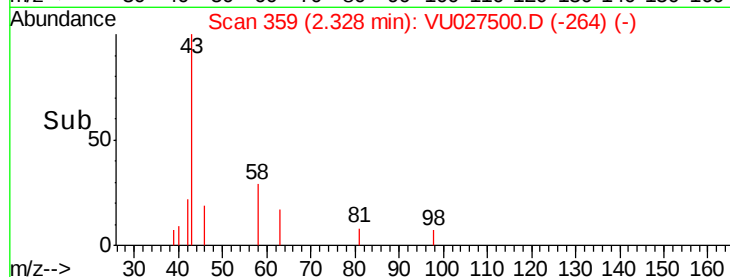
0

2.30

2.33

2.35

Time-->



#33

Benzene

Concen: 2.043 ug/L

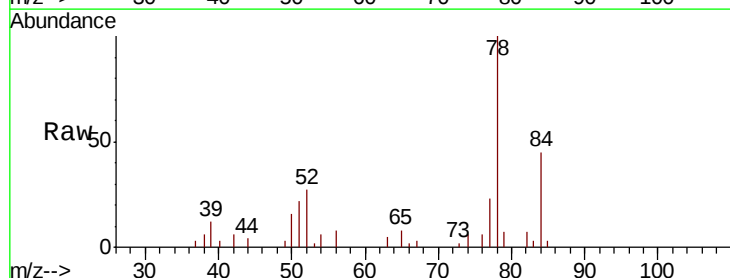
RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027500.D

Acq: 08 Oct 2018 15:15

Tgt Ion: 78 Resp: 12053



Abundance Ion 78.00 (77.70 to 78.70): VU0

6000

5000

4000

3000

2000

1000

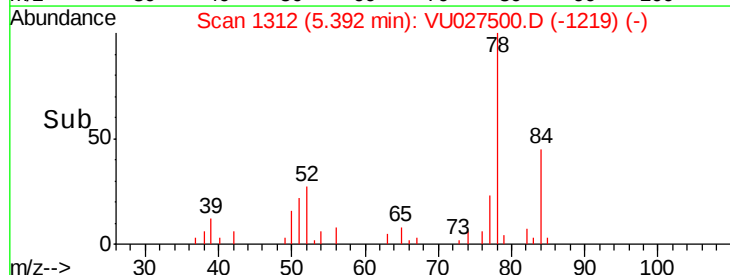
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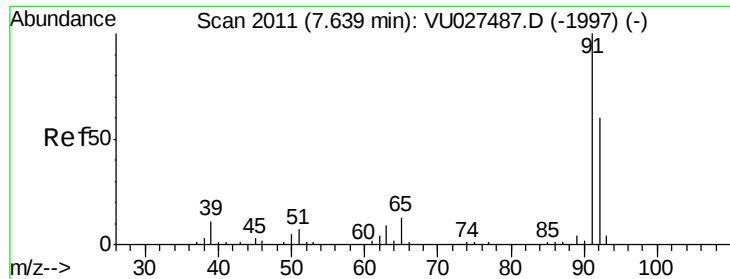
5.35

5.40

5.45

Time-->





#42

Toluene

Concen: 10.856 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027500.D

Acq: 08 Oct 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

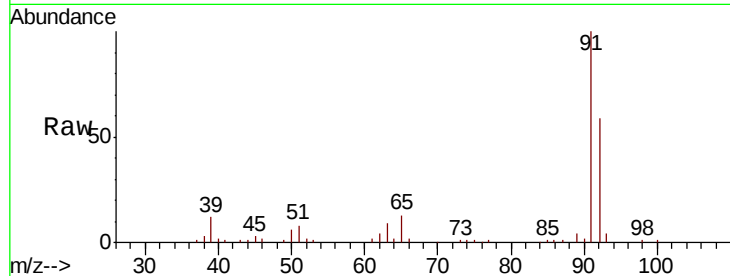
E62T5

Tot Ion: 91 Resp: 64267

Ion Ratio Lower Upper

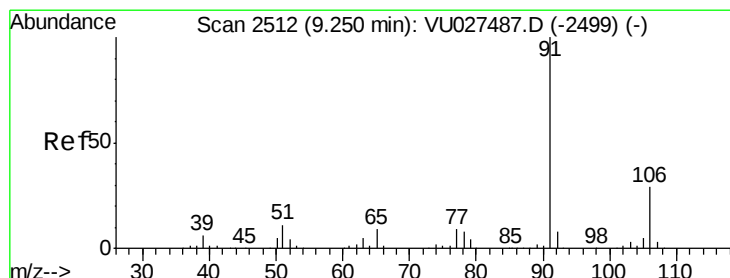
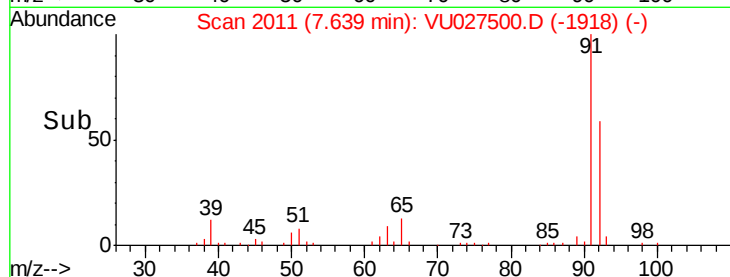
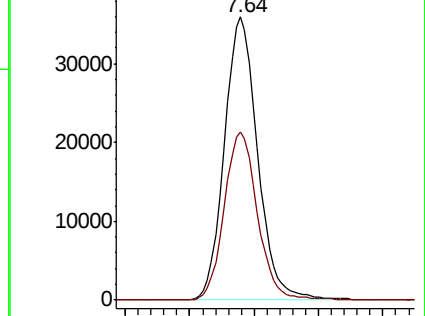
91 100

92 59.4 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VU027487.D (-1997) (-)

Ion 92.00 (91.70 to 92.70): VU027487.D (-1997) (-)



#52

Ethylbenzene

Concen: 3.222 ug/L

RT: 9.25 min Scan# 2513

Delta R.T. 0.00 min

Lab File: VU027500.D

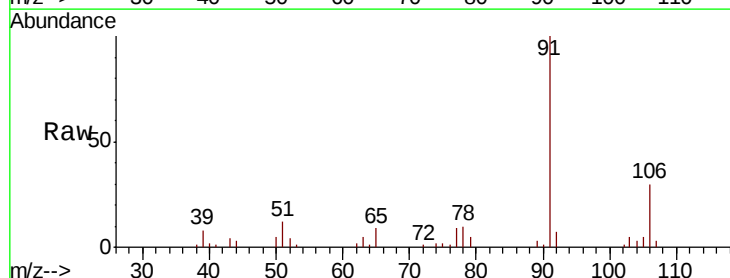
Acq: 08 Oct 2018 15:15

Tgt Ion: 91 Resp: 21179

Ion Ratio Lower Upper

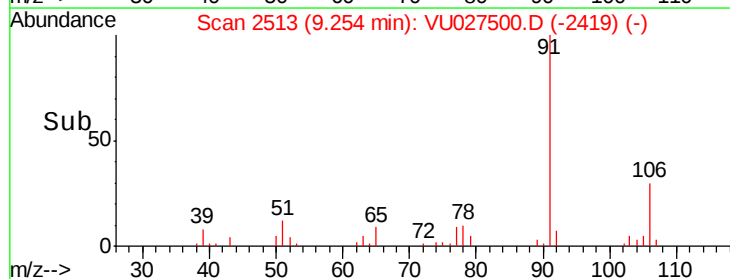
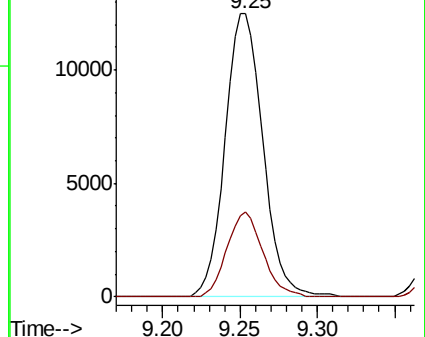
91 100

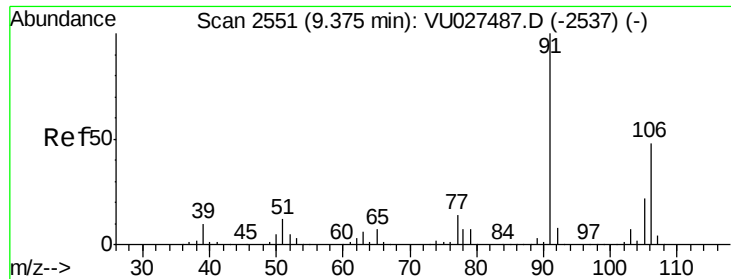
106 29.9 20.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VU027487.D (-2499) (-)

Ion 106.00 (105.70 to 106.70): VU027487.D (-2499) (-)

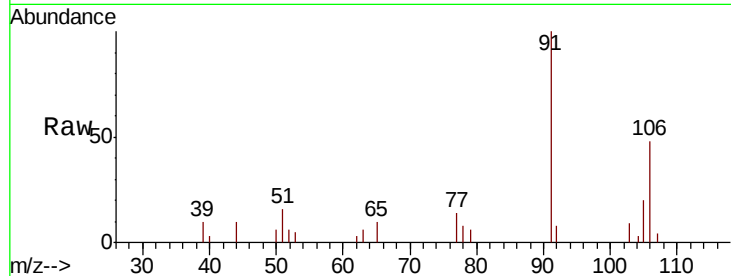




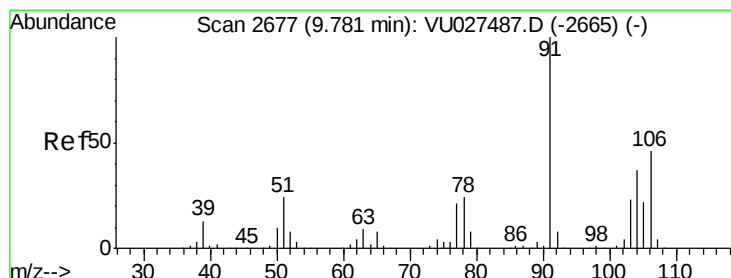
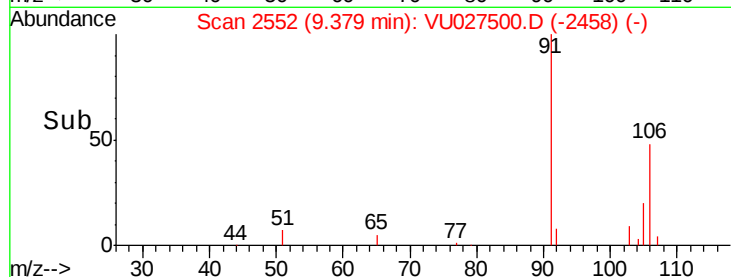
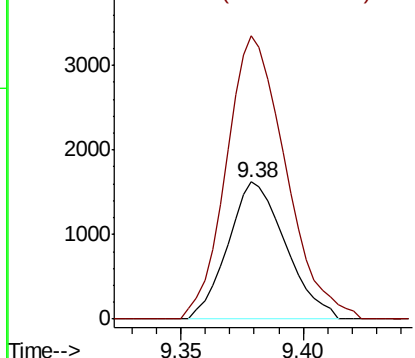
#53
m,p-Xylene
Concen: 1.107 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027500.D
Acq: 08 Oct 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
E62T5

Tot Ion:106 Resp: 2663
Ion Ratio Lower Upper
106 100
91 206.2 145.0 269.4

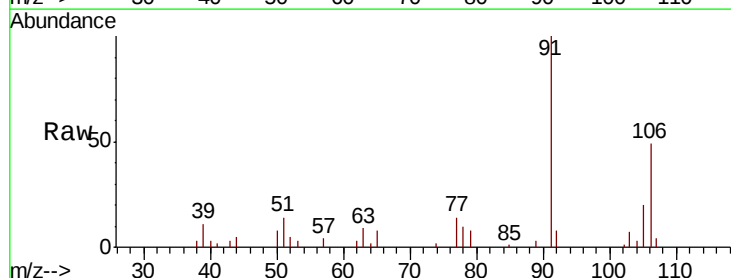


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#54
o-xylene
Concen: 2.540 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027500.D
Acq: 08 Oct 2018 15:15

Tgt Ion:106 Resp: 5887
Ion Ratio Lower Upper
106 100
91 202.6 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

