

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100818\
 Data File : VU027512.D
 Acq On : 08 Oct 2018 20:20
 Operator : MD/SY
 Sample : J5298-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W5

Quant Time: Oct 09 09:24:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 05:21:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	176433	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53379	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.88%
7) Chloroethane-d5	1.68	69	47915	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.58%
11) 1,1-Dichloroethene-d2	2.27	63	79388	30.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.96%
21) 2-Butanone-d5	4.18	46	131069	116.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.93%
24) Chloroform-d	4.65	84	110853	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	5.31	65	78088	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
32) Benzene-d6	5.34	84	214824	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
36) 1,2-Dichloropropane-d6	6.33	67	80466	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.84%
41) Toluene-d8	7.57	98	175988	41.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.68%
43) trans-1,3-Dichloropropene-	7.85	79	33161	42.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.38%
47) 2-Hexanone-d5	8.31	63	91550	112.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111329	52.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	69654	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

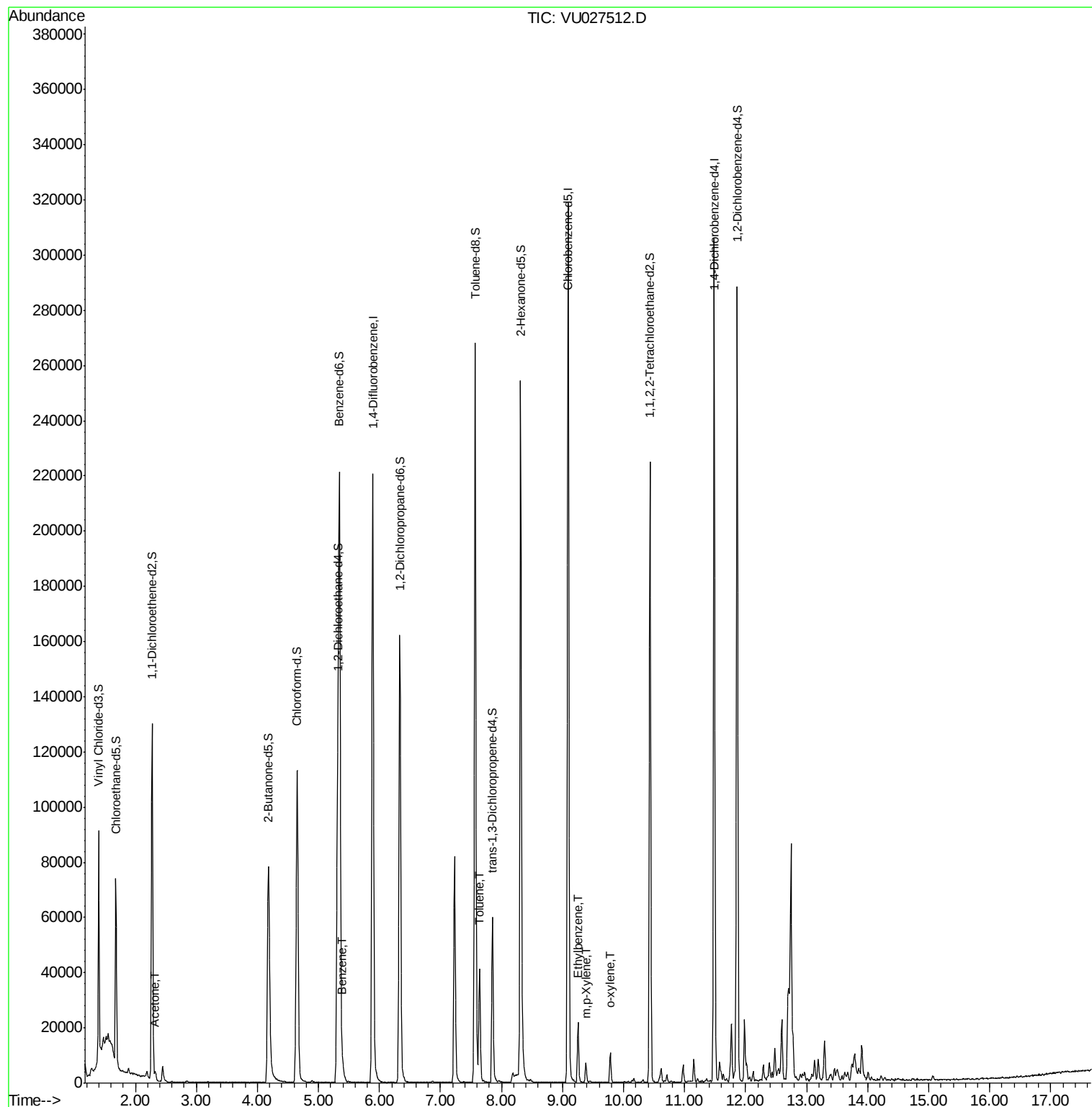
					Ovalue
13) Acetone	2.32	43	2743	2.984 ug/L	91
33) Benzene	5.39	78	4224	0.783 ug/L	100
42) Toluene	7.64	91	29505	5.450 ug/L	99
52) Ethylbenzene	9.25	91	15550	2.587 ug/L	99
53) m,p-Xylene	9.38	106	2006	0.912 ug/L	88
54) o-xylene	9.78	106	2806	1.324 ug/L	100

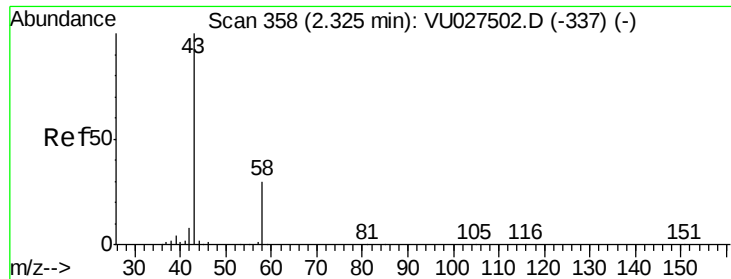
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.984 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

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Acq: 08 Oct 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

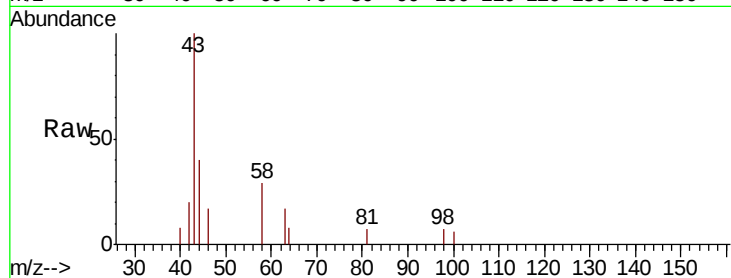
E62W5

Tot Ion: 43 Resp: 2743

Ion Ratio Lower Upper

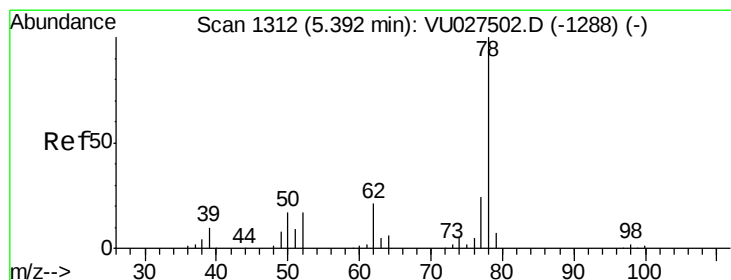
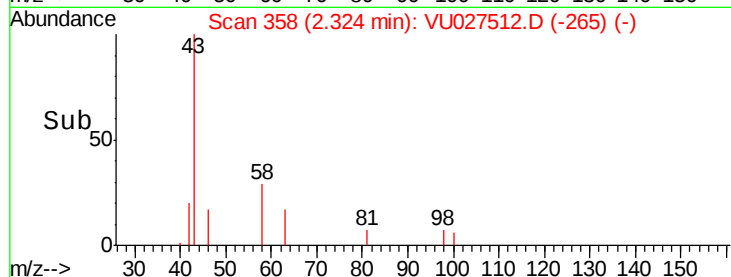
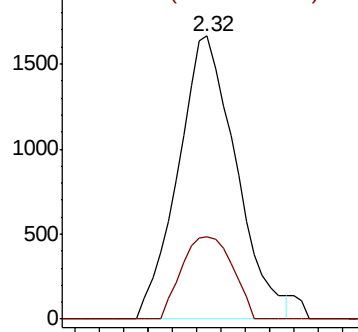
43 100

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



#33

Benzene

Concen: 0.783 ug/L

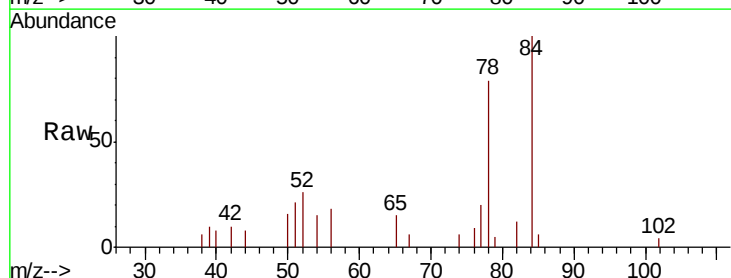
RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

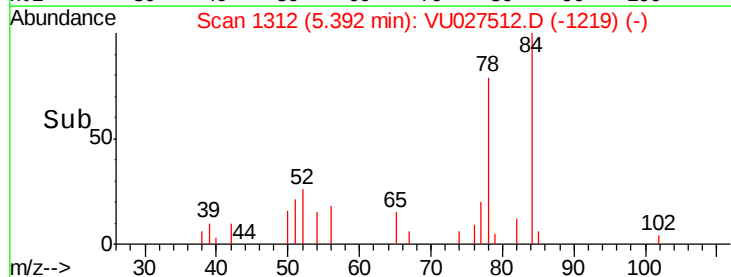
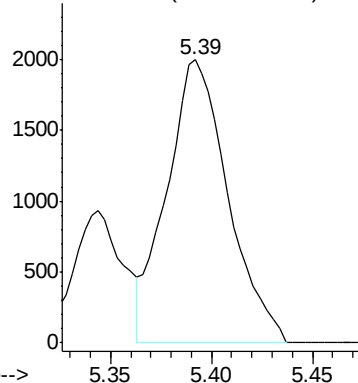
Lab File: VU027512.D

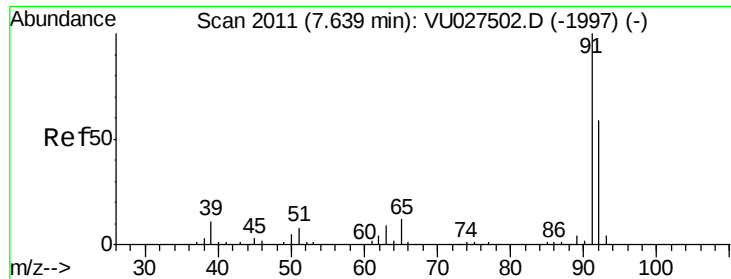
Acq: 08 Oct 2018 20:20

Tgt Ion: 78 Resp: 4224



Abundance Ion 78.00 (77.70 to 78.70): VU0





#42

Toluene

Concen: 5.450 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027512.D

Acq: 08 Oct 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

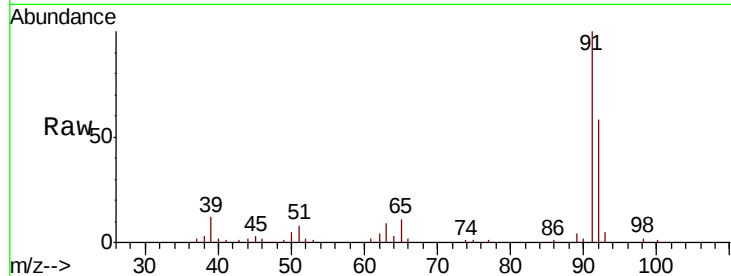
E62W5

Tot Ion: 91 Resp: 29505

Ion Ratio Lower Upper

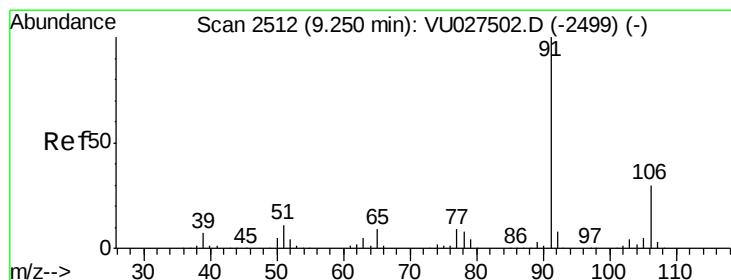
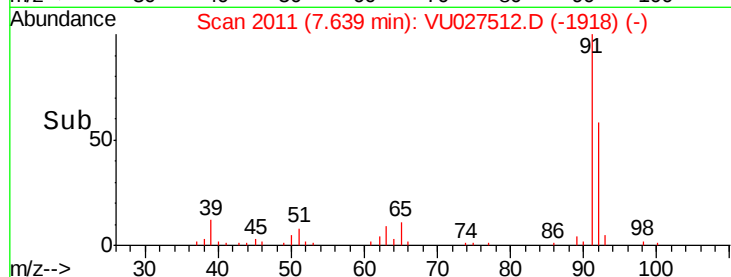
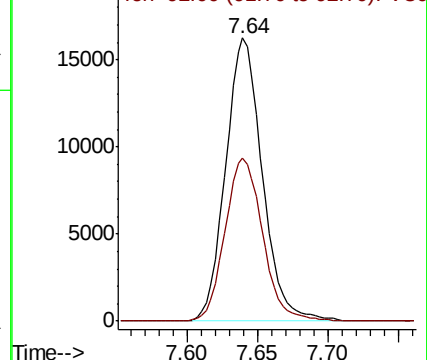
91 100

92 57.8 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#52

Ethylbenzene

Concen: 2.587 ug/L

RT: 9.25 min Scan# 2513

Delta R.T. 0.00 min

Lab File: VU027512.D

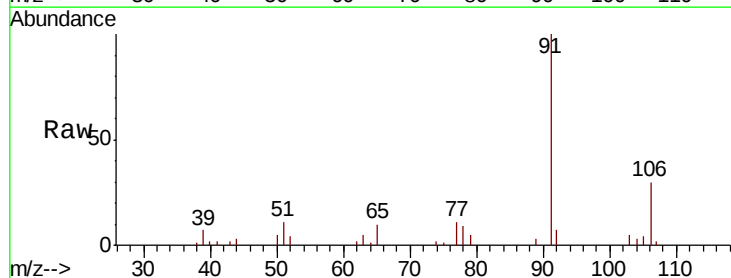
Acq: 08 Oct 2018 20:20

Tgt Ion: 91 Resp: 15550

Ion Ratio Lower Upper

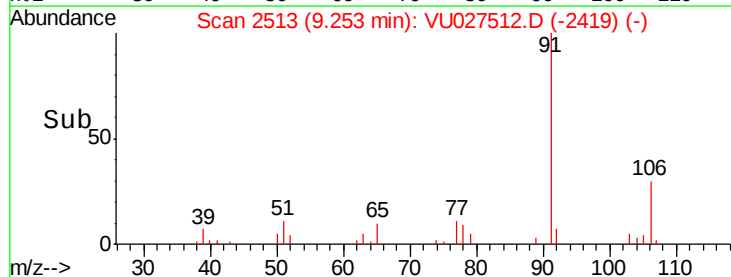
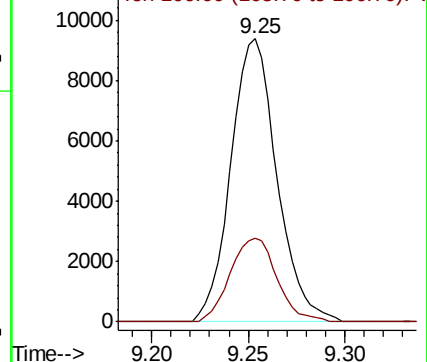
91 100

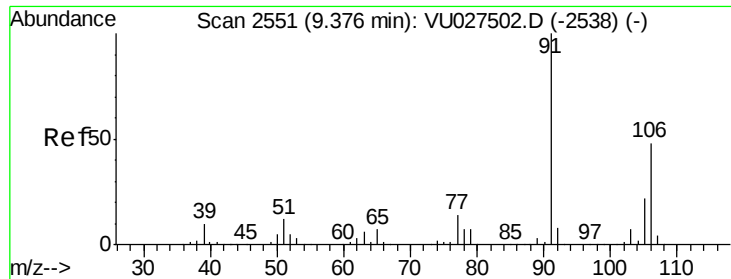
106 29.8 20.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 0.912 ug/L

RT: 9.38 min Scan# 2553

Delta R.T. 0.01 min

Lab File: VU027512.D

Acq: 08 Oct 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

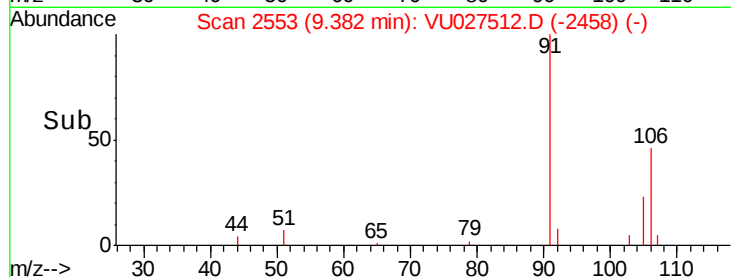
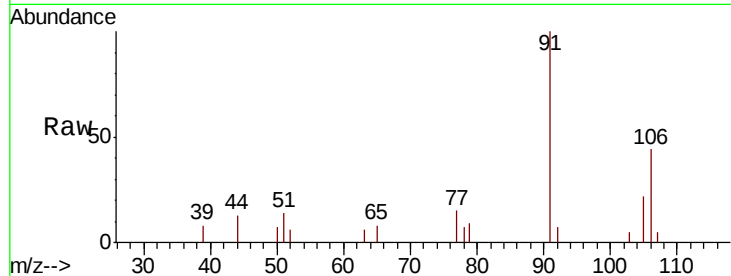
E62W5

Tot Ion:106 Resp: 2006

Ion Ratio Lower Upper

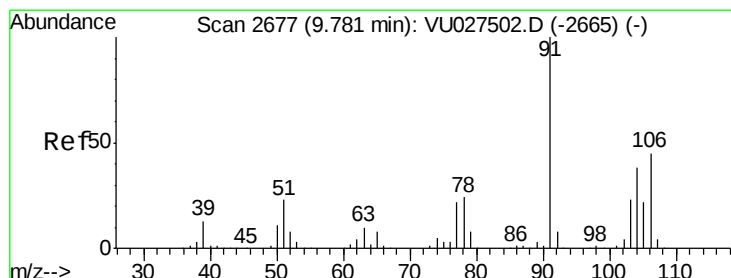
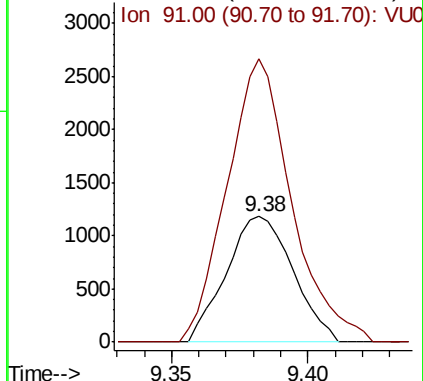
106 100

91 225.5 145.0 269.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.324 ug/L

RT: 9.78 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VU027512.D

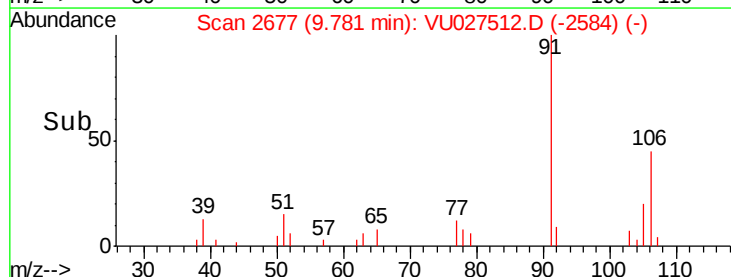
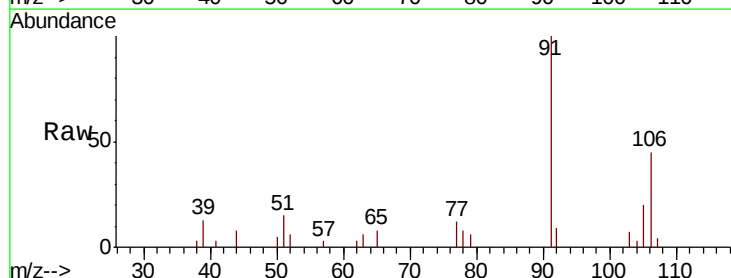
Acq: 08 Oct 2018 20:20

Tgt Ion:106 Resp: 2806

Ion Ratio Lower Upper

106 100

91 221.1 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

