

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100818\
 Data File : VU027516.D
 Acq On : 08 Oct 2018 21:53
 Operator : MD/SY
 Sample : J5298-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W9

Quant Time: Oct 09 09:29:42 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	182602	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51385	35.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.52%
7) Chloroethane-d5	1.68	69	45792	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.72%
11) 1,1-Dichloroethene-d2	2.27	63	76175	28.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.52%#
21) 2-Butanone-d5	4.18	46	130027	112.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.08%
24) Chloroform-d	4.65	84	107705	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.31	65	76699	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
32) Benzene-d6	5.34	84	206927	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.90%
36) 1,2-Dichloropropane-d6	6.33	67	77969	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.50%
41) Toluene-d8	7.57	98	170017	39.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.96%#
43) trans-1,3-Dichloropropene-	7.85	79	33950	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.31	63	88520	106.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107319	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	66422	45.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.94%

Target Compounds

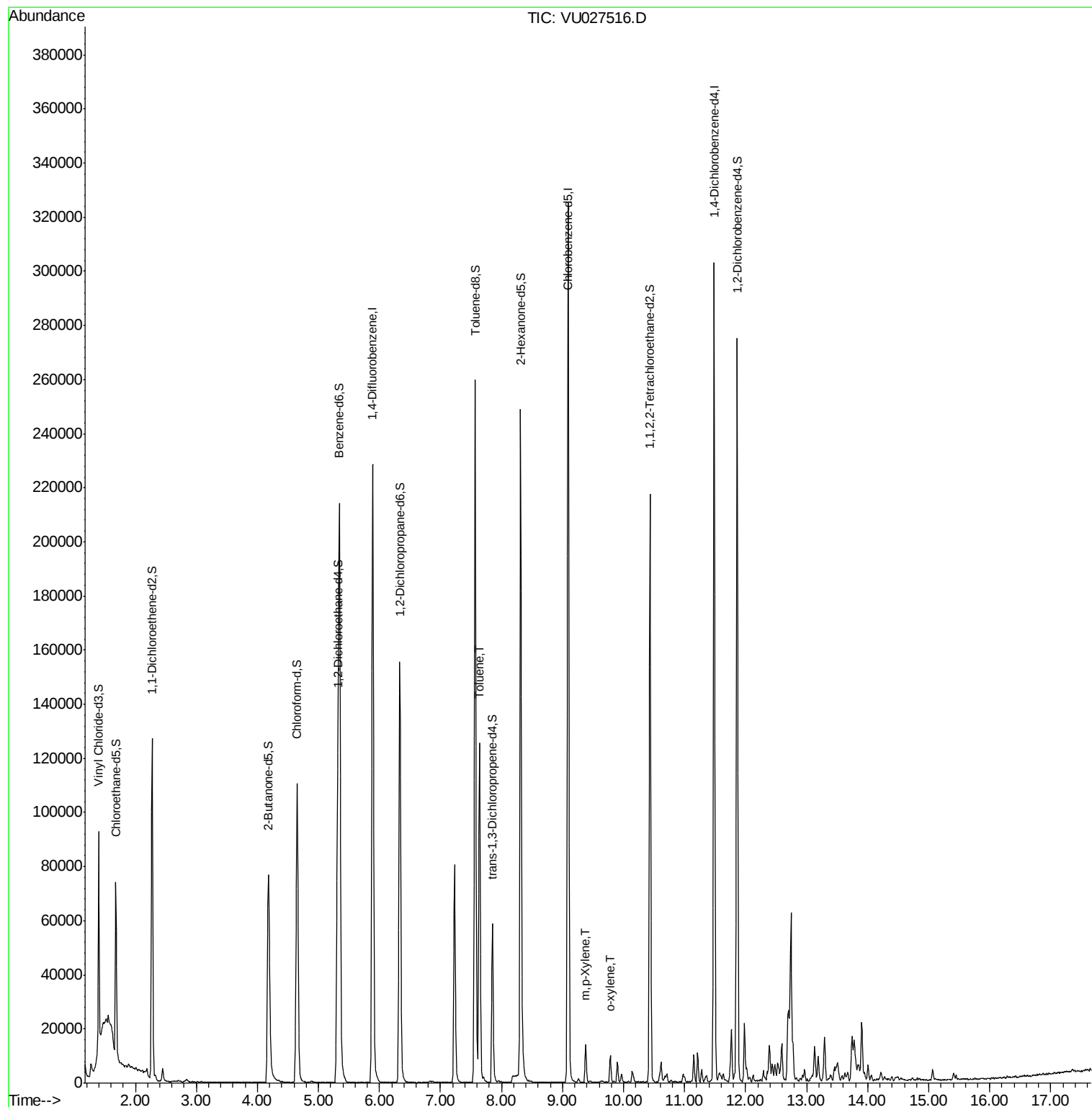
					Ovalue
42) Toluene	7.64	91	89249	16.103 ug/L	98
53) m,p-Xylene	9.38	106	4020	1.785 ug/L	95
54) o-xylene	9.78	106	2648	1.220 ug/L	98

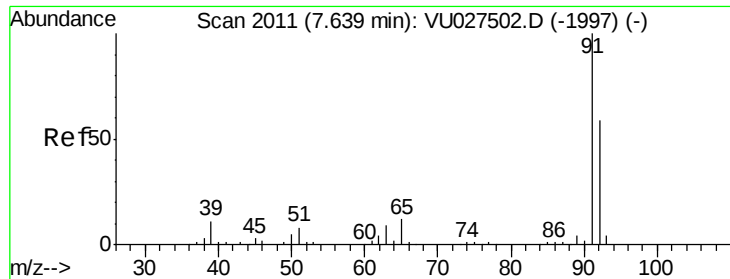
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 16.103 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

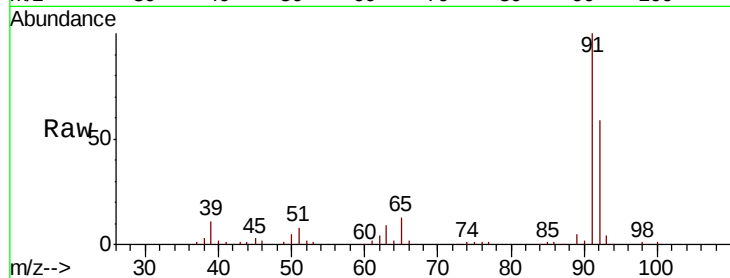
E62W9

Tot Ion: 91 Resp: 89249

Ion Ratio Lower Upper

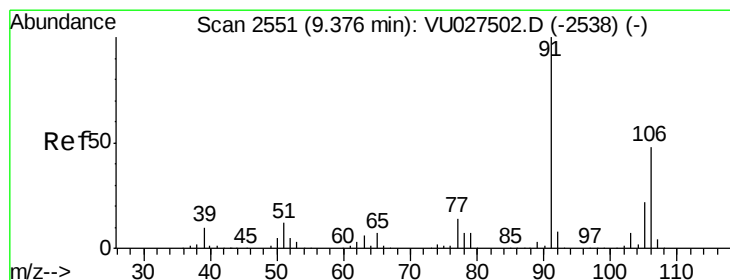
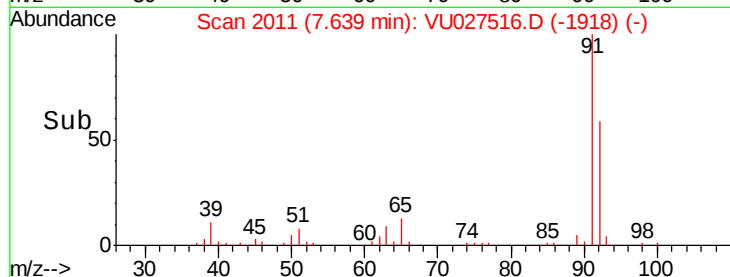
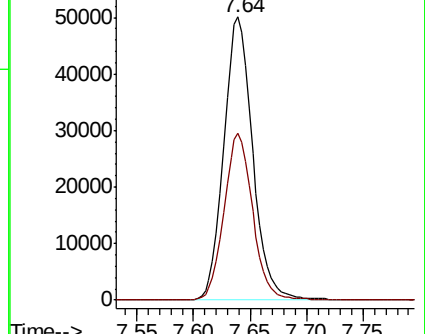
91 100

92 58.8 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VU027502.D (-1997) (-)

Ion 92.00 (91.70 to 92.70): VU027502.D (-1997) (-)



#53

m,p-Xylene

Concen: 1.785 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU027516.D

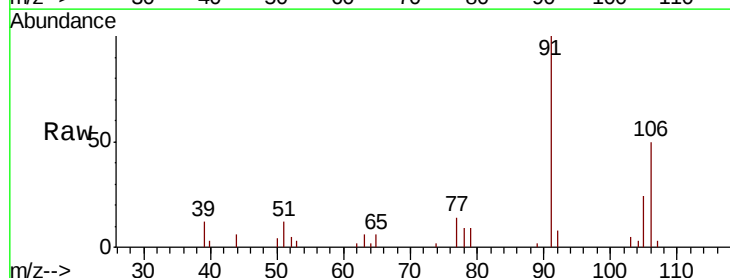
Acq: 08 Oct 2018 21:53

Tgt Ion:106 Resp: 4020

Ion Ratio Lower Upper

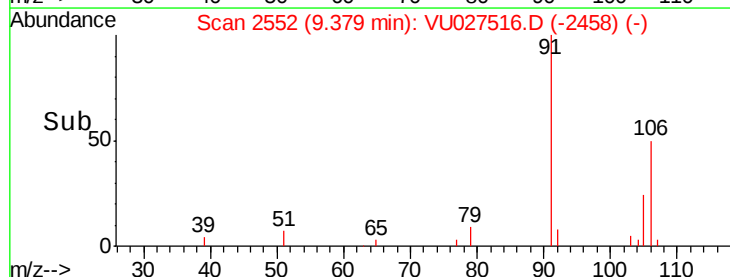
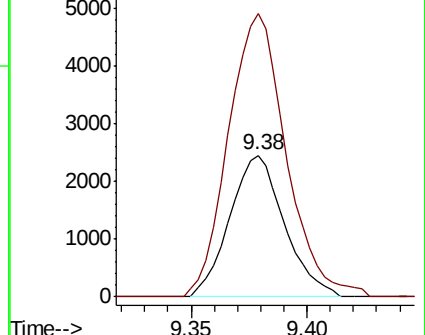
106 100

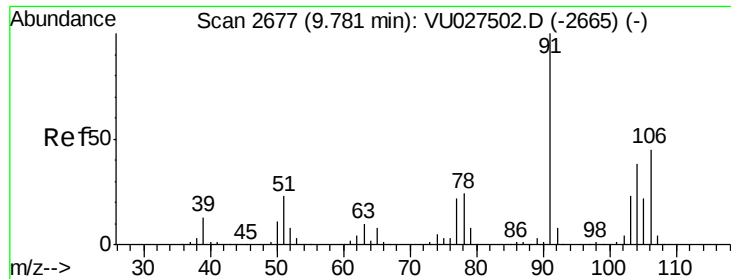
91 200.0 145.0 269.4



Abundance Ion 106.00 (105.70 to 106.70): VU027502.D (-2538) (-)

Ion 91.00 (90.70 to 91.70): VU027502.D (-2538) (-)





#54
o-xylene
Concen: 1.220 ug/L
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027516.D
Acq: 08 Oct 2018 21:53

Instrument :
MSVOA_U
ClientSampleId :
E62W9

Tot Ion:106 Resp: 2648
Ion Ratio Lower Upper
106 100
91 218.7 154.8 287.4

