

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100818\
 Data File : VU027513.D
 Acq On : 08 Oct 2018 20:44
 Operator : MD/SY
 Sample : J5298-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W6

Quant Time: Oct 09 09:26:08 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	179260	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163808	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	70152	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54589	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.40%
7) Chloroethane-d5	1.68	69	47223	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.90%
11) 1,1-Dichloroethene-d2	2.27	63	79228	29.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.88%#
21) 2-Butanone-d5	4.18	46	134069	117.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.72%
24) Chloroform-d	4.65	84	109270	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
26) 1,2-Dichloroethane-d4	5.31	65	76882	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
32) Benzene-d6	5.34	84	212592	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
36) 1,2-Dichloropropane-d6	6.33	67	80228	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.78%
41) Toluene-d8	7.57	98	175382	41.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.58%
43) trans-1,3-Dichloropropene-	7.85	79	33904	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.31	63	92706	114.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110058	52.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	67745	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

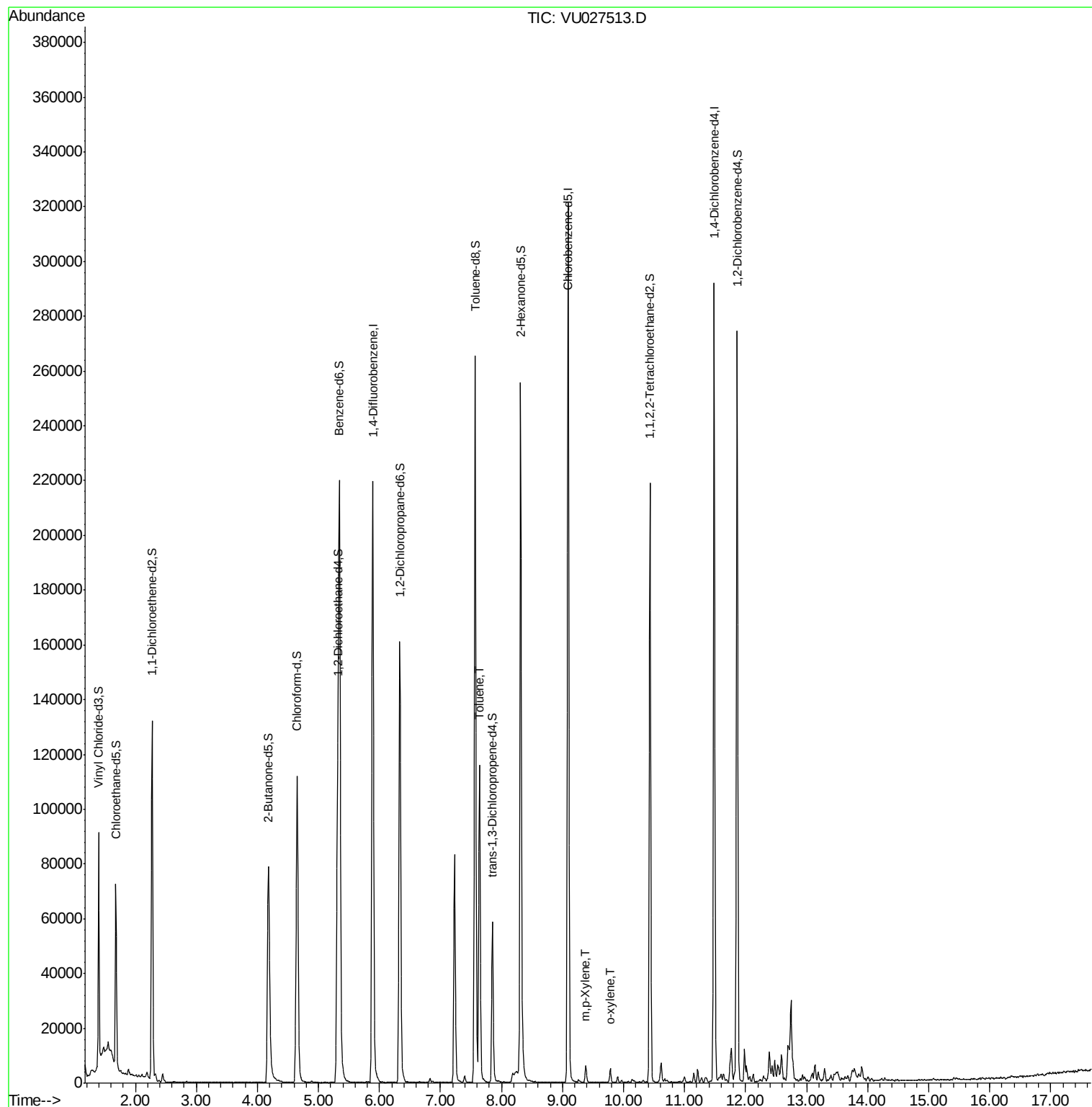
					Ovalue
42) Toluene	7.64	91	83379	15.437 ug/L	99
53) m,p-Xylene	9.38	106	1748	0.796 ug/L	95
54) o-xylene	9.78	106	1384	0.654 ug/L	99

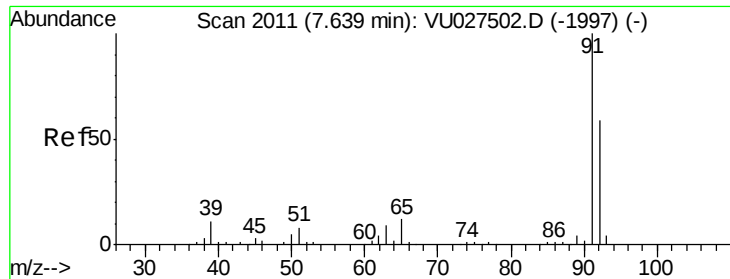
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 15.437 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

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Acq: 08 Oct 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

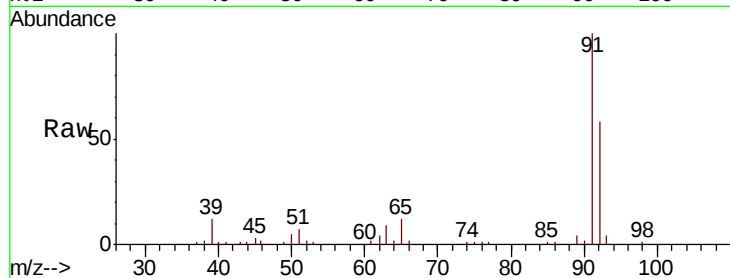
E62W6

Tot Ion: 91 Resp: 83379

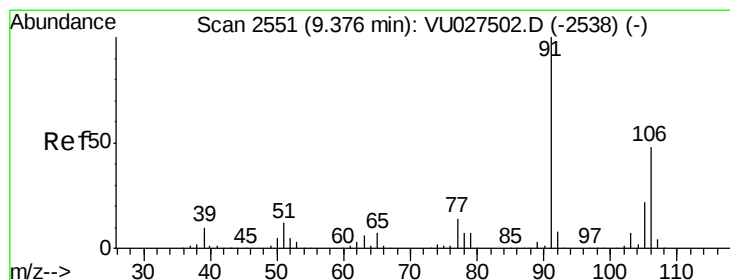
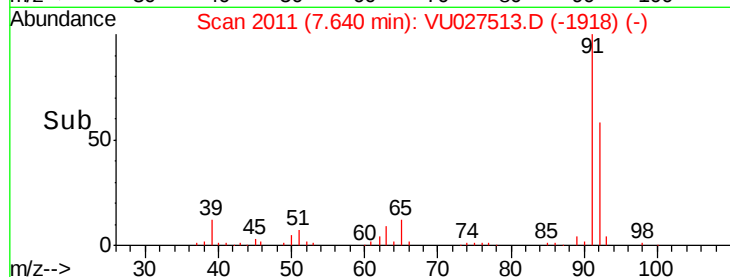
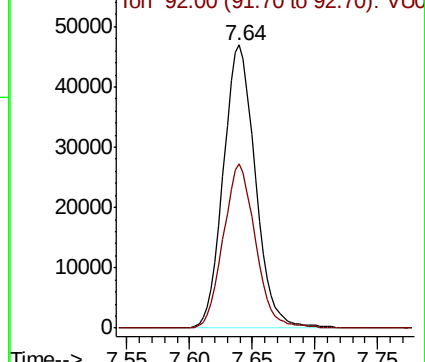
Ion Ratio Lower Upper

91 100

92 58.0 40.2 74.6



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



#53

m,p-Xylene

Concen: 0.796 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU027513.D

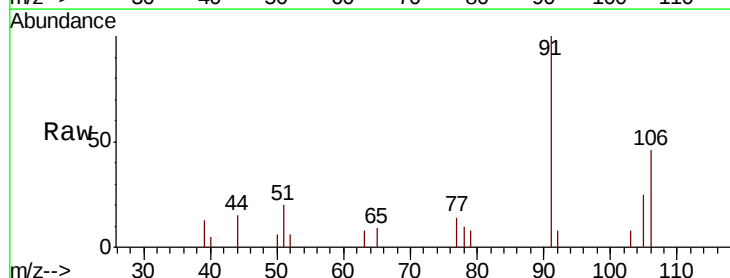
Acq: 08 Oct 2018 20:44

Tgt Ion: 106 Resp: 1748

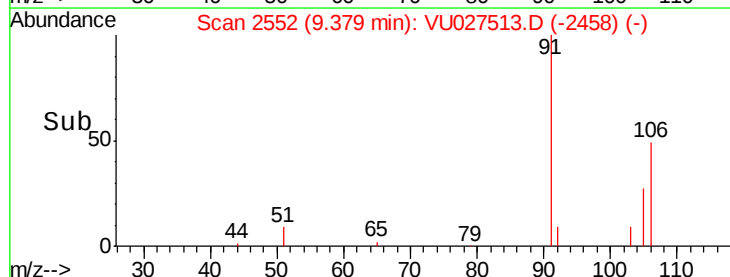
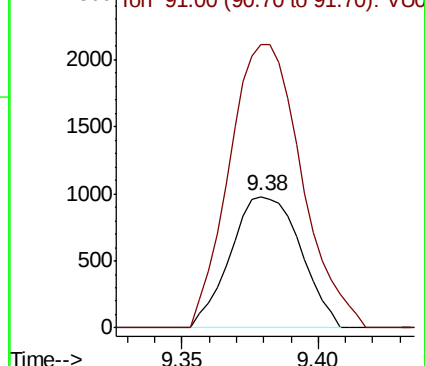
Ion Ratio Lower Upper

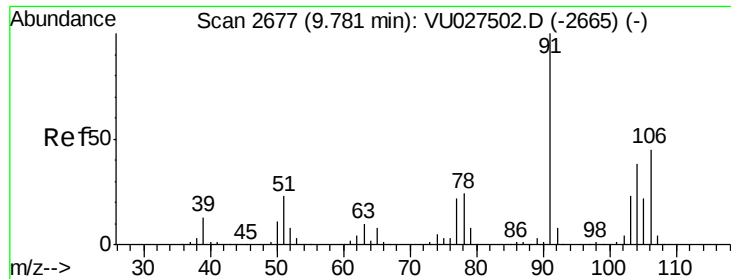
106 100

91 215.4 145.0 269.4



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





#54
 o-xylene
 Concen: 0.654 ug/L
 RT: 9.78 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VU027513.D
 Acq: 08 Oct 2018 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W6

Tot Ion:106 Resp: 1384
 Ion Ratio Lower Upper
 106 100
 91 223.5 154.8 287.4

