

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038781.D
 Acq On : 10 Jun 2020 17:24
 Operator : SY/MD
 Sample : L2913-04DL2 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D83DL2

Quant Time: Jun 11 03:59:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 03:42:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	563566	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	551077	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	259736	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	205339	65.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	130.42%
7) Chloroethane-d5	1.93	69	158813	65.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	130.04%#
11) 1,1-Dichloroethene-d2	2.59	63	314327	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
21) 2-Butanone-d5	4.66	46	359985	117.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.52%
24) Chloroform-d	5.10	84	383010	56.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.84%
26) 1,2-Dichloroethane-d4	5.74	65	263772	58.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.24%
32) Benzene-d6	5.76	84	791587	59.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.26%
36) 1,2-Dichloropropane-d6	6.72	67	236666	57.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.70%
41) Toluene-d8	7.92	98	686994	57.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.54%
43) trans-1,3-Dichloropropene-	8.20	79	112037	54.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.78%
47) 2-Hexanone-d5	8.65	63	257241	118.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.13%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	331493	54.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.64%
64) 1,2-Dichlorobenzene-d4	12.20	152	270075	59.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.78%

Target Compounds

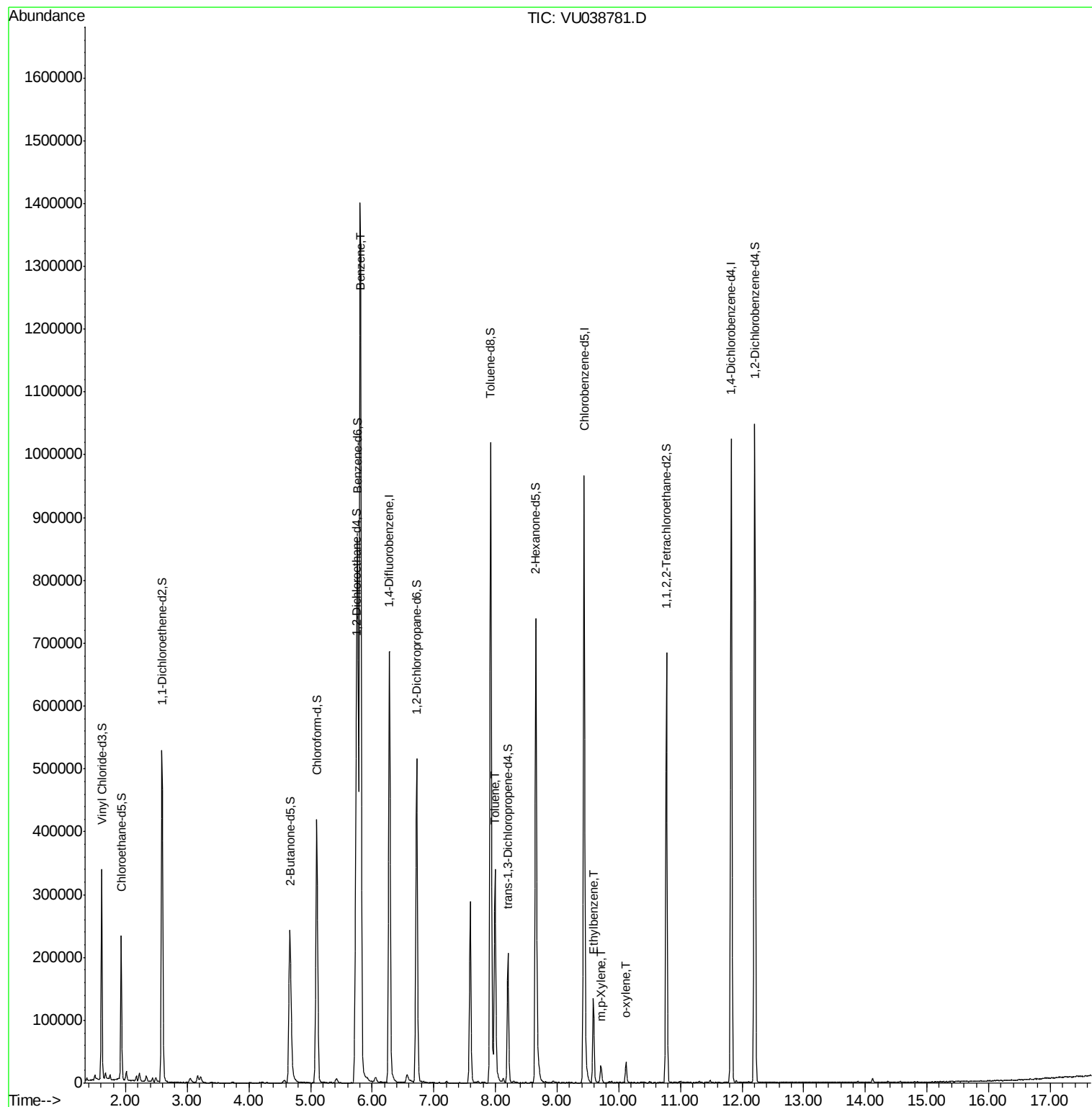
					Ovalue
33) Benzene	5.81	78	1328787	81.199	ug/L 100
42) Toluene	7.99	91	247165	14.445	ug/L 98
52) Ethylbenzene	9.59	91	95951	5.081	ug/L 96
53) m,p-Xylene	9.71	106	8169	1.127	ug/L 92
54) o-xylene	10.12	106	9163	1.302	ug/L 100

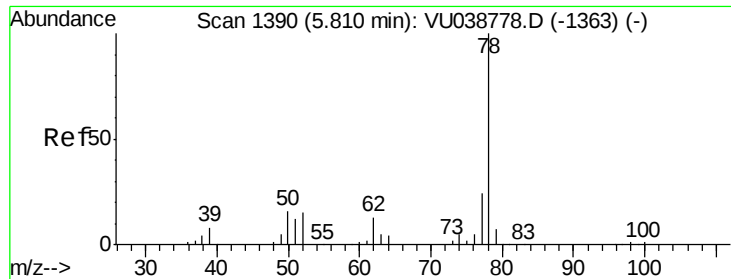
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 81.199 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038781.D

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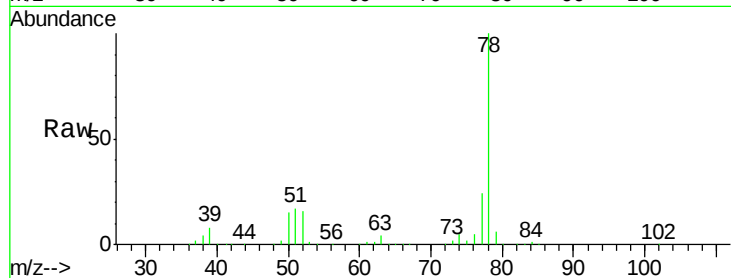
Instrument :

MSVOA_U

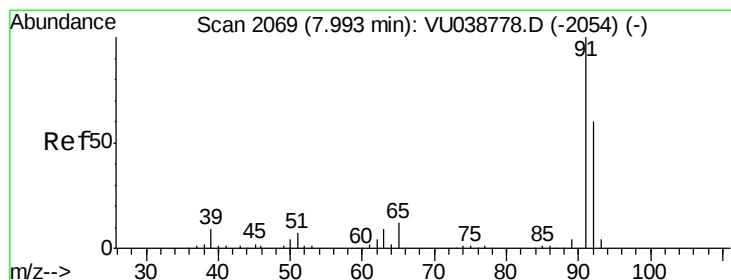
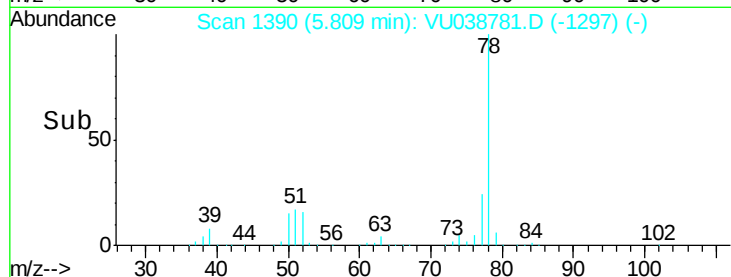
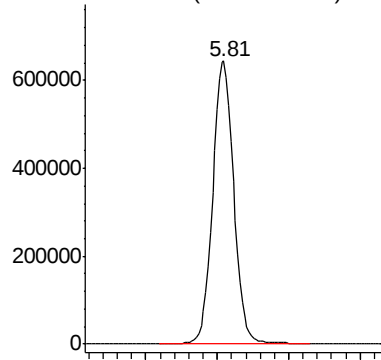
ClientSampled :

F9D83DL2

Tgt Ion: 78 Resp: 1328787



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 14.445 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038781.D

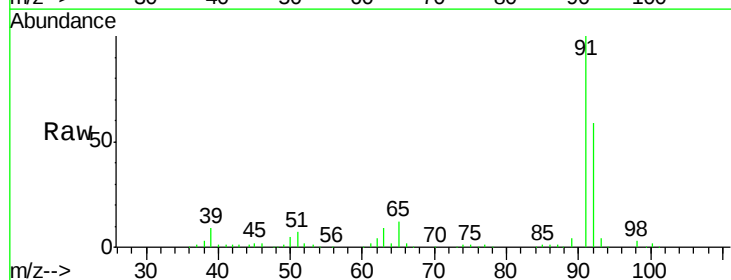
Acq: 10 Jun 2020 17:24

Tgt Ion: 91 Resp: 247165

Ion Ratio Lower Upper

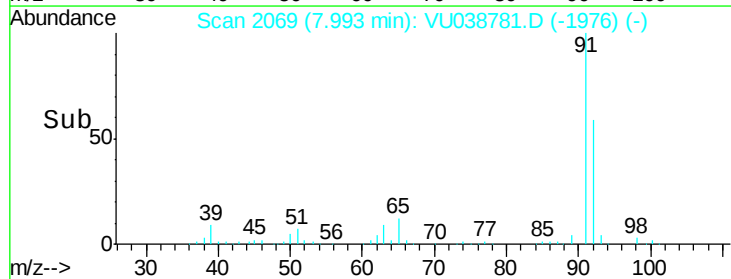
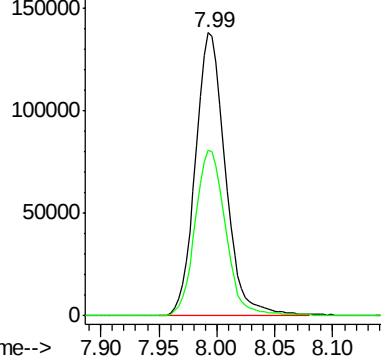
91 100

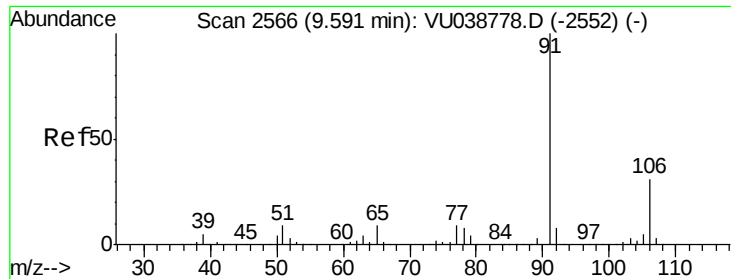
92 58.7 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 5.081 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU038781.D

Acq: 10 Jun 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

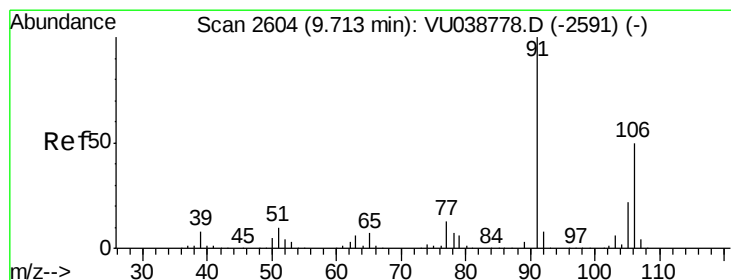
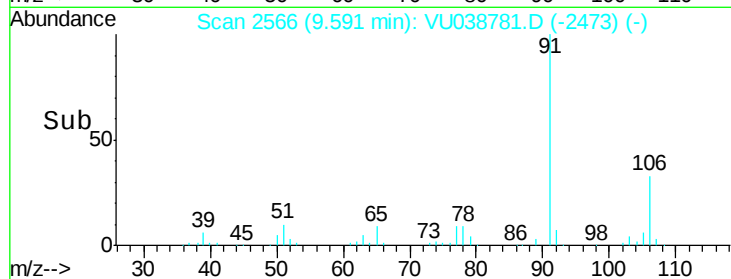
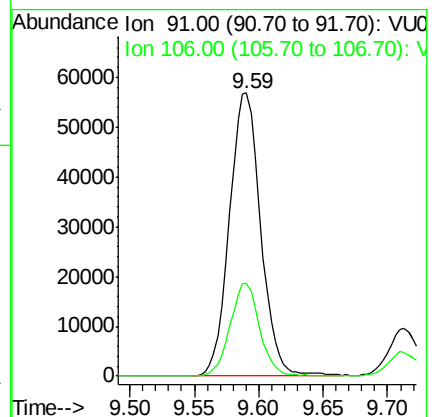
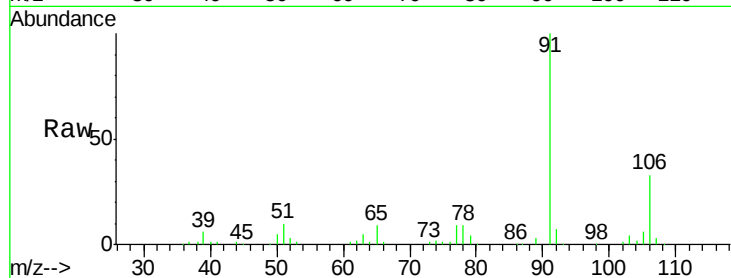
F9D83DL2

Tot Ion: 91 Resp: 95951

Ion Ratio Lower Upper

91 100

106 32.9 21.5 39.9



#53

m,p-Xylene

Concen: 1.127 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038781.D

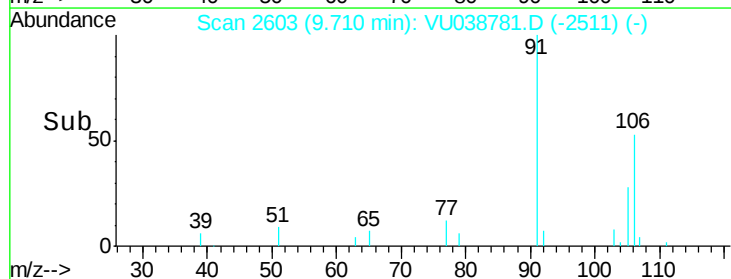
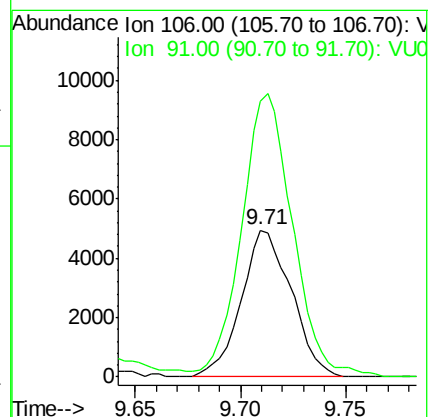
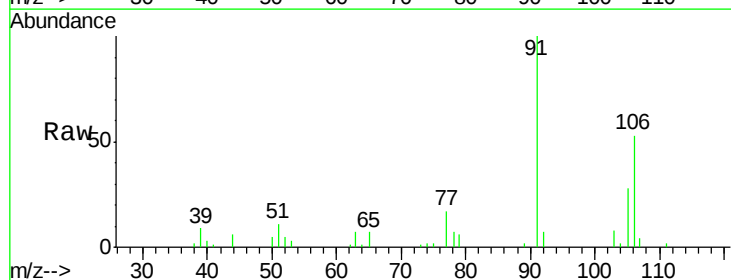
Acq: 10 Jun 2020 17:24

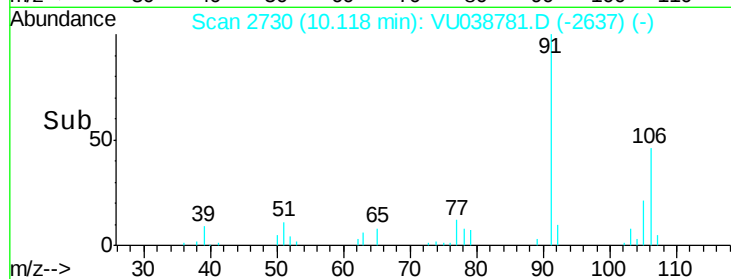
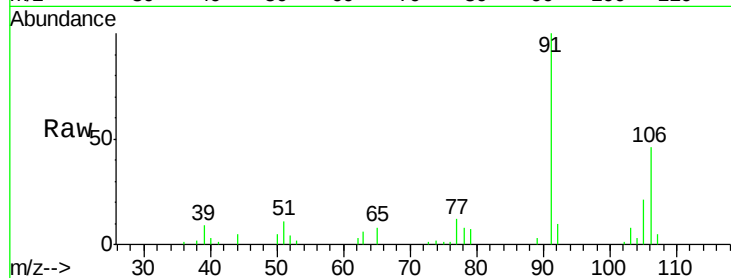
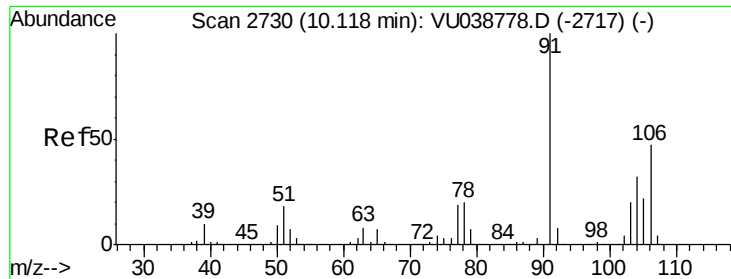
Tgt Ion: 106 Resp: 8169

Ion Ratio Lower Upper

106 100

91 188.4 140.1 260.3





#54
o-xylene
Concen: 1.302 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038781.D
Acq: 10 Jun 2020 17:24

Instrument :
MSVOA_U
ClientSampleId :
F9D83DL2

Tot Ion:106 Resp: 9163
Ion Ratio Lower Upper
106 100
91 215.3 151.2 280.8

