

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038757.D
 Acq On : 10 Jun 2020 05:05
 Operator : SY/MD
 Sample : L2913-06 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D85

Quant Time: Jun 10 07:10:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 06:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	528302	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	496239	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	232541	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	128603	43.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.14%
7) Chloroethane-d5	1.93	69	118575	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.56%
11) 1,1-Dichloroethene-d2	2.59	63	216842	33.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.42%
21) 2-Butanone-d5	4.66	46	342840	119.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.39%
24) Chloroform-d	5.10	84	322429	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
26) 1,2-Dichloroethane-d4	5.74	65	226901	53.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.58%
32) Benzene-d6	5.76	84	633218	52.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.94%
36) 1,2-Dichloropropane-d6	6.72	67	200725	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.98%
41) Toluene-d8	7.92	98	524429	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%
43) trans-1,3-Dichloropropene-	8.20	79	93111	50.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.40%
47) 2-Hexanone-d5	8.65	63	238877	121.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	295869	53.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.68%
64) 1,2-Dichlorobenzene-d4	12.20	152	223354	55.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.64%

Target Compounds

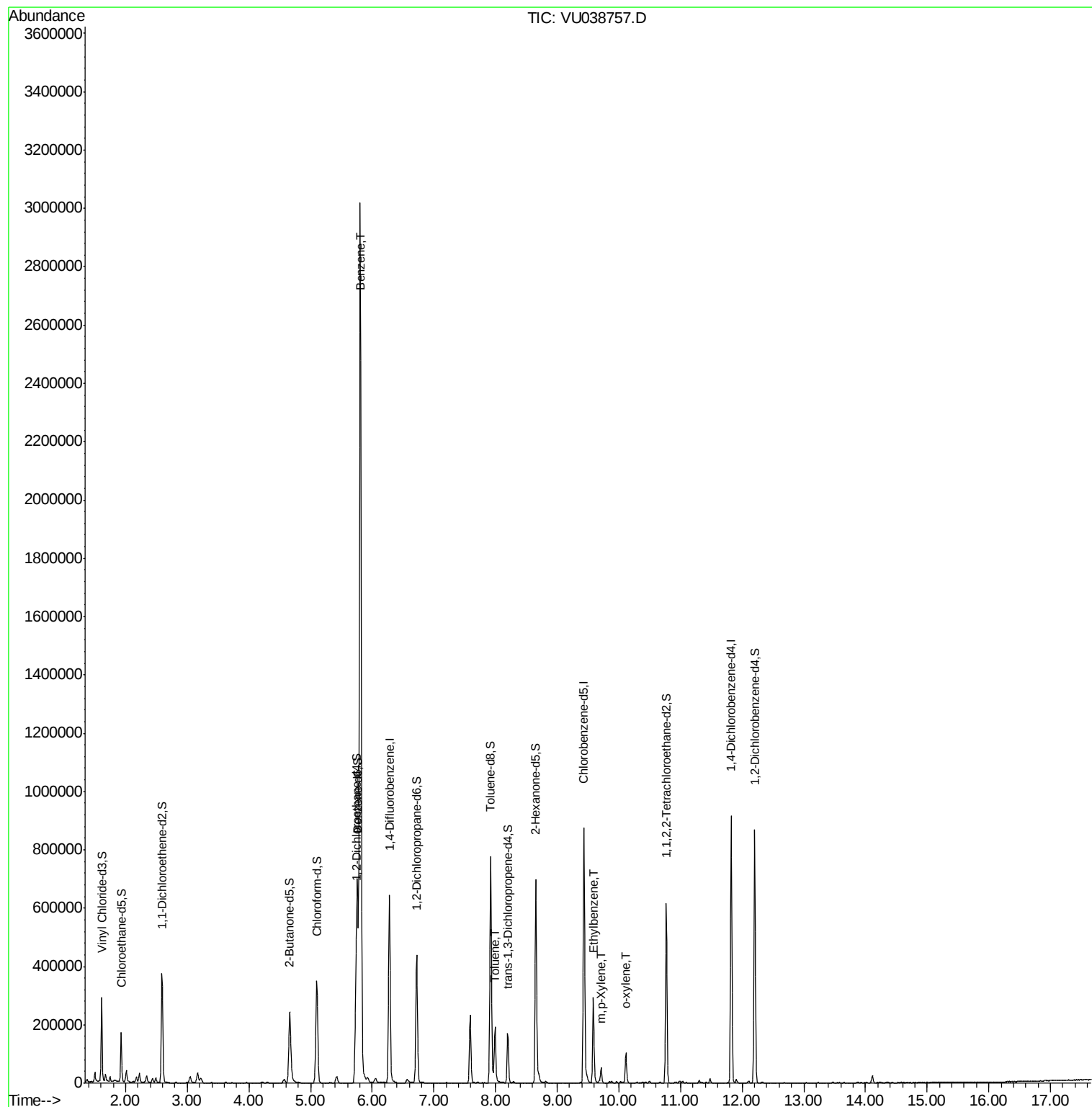
					Ovalue
33) Benzene	5.81	78	2853887	193.667	ug/L 100
42) Toluene	7.99	91	137549	8.927	ug/L 98
52) Ethylbenzene	9.58	91	211260	12.423	ug/L 100
53) m,p-Xylene	9.71	106	13962	2.139	ug/L 97
54) o-xylene	10.11	106	27892	4.401	ug/L 95

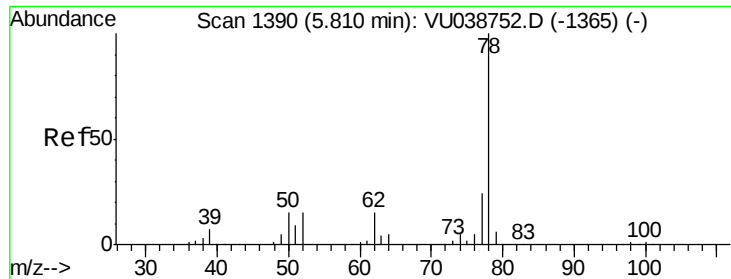
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 193.667 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU038757.D

Acq: 10 Jun 2020 05:05

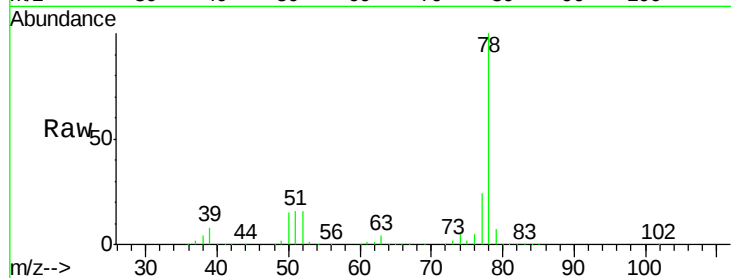
Instrument :

MSVOA_U

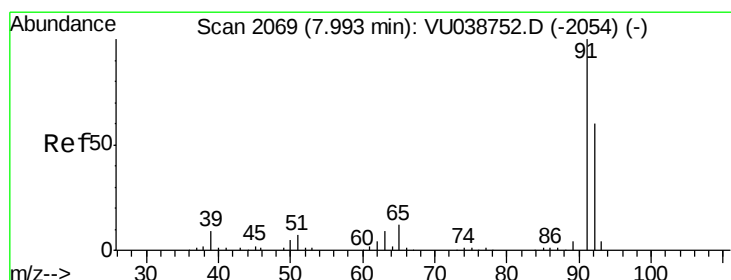
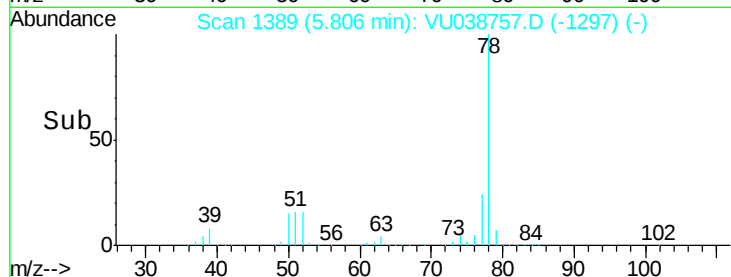
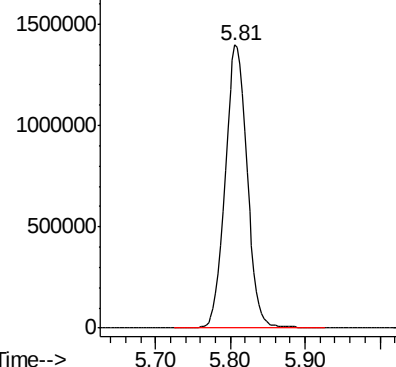
ClientSampleId :

F9D85

Tgt Ion: 78 Resp: 2853887



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 8.927 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038757.D

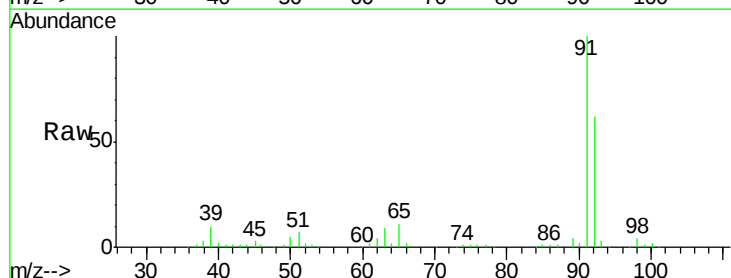
Acq: 10 Jun 2020 05:05

Tgt Ion: 91 Resp: 137549

Ion Ratio Lower Upper

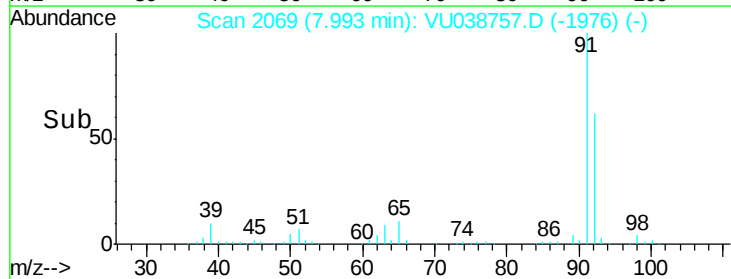
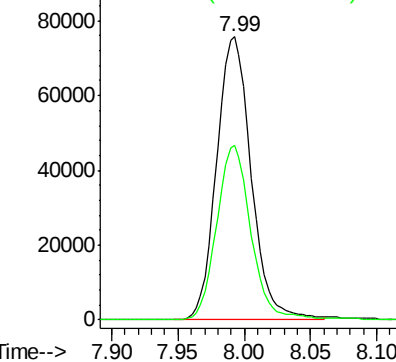
91 100

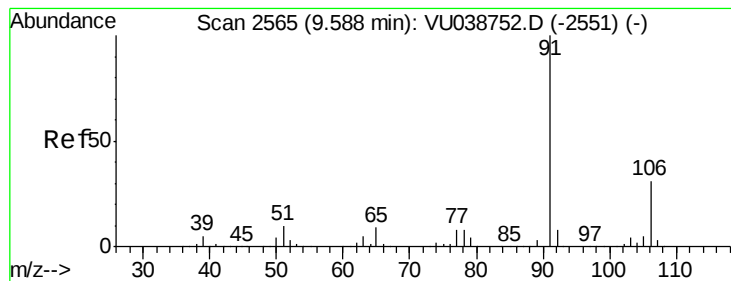
92 61.6 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 12.423 ug/L

RT: 9.58 min Scan# 2564

Delta R.T. -0.00 min

Lab File: VU038757.D

Acq: 10 Jun 2020 05:05

Instrument :

MSVOA_U

ClientSampleId :

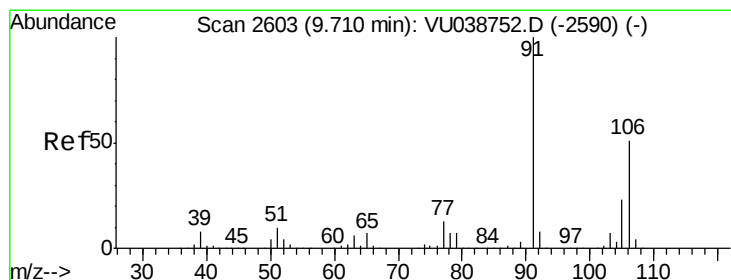
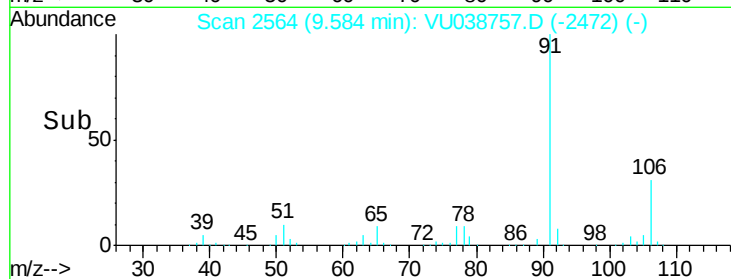
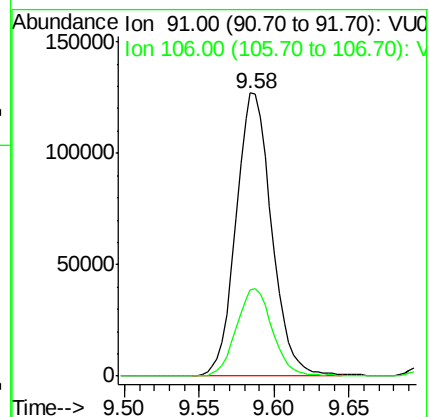
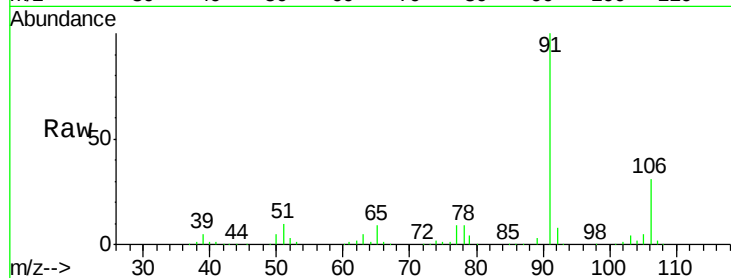
F9D85

Tot Ion: 91 Resp: 211260

Ion Ratio Lower Upper

91 100

106 30.5 21.5 39.9



#53

m,p-Xylene

Concen: 2.139 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038757.D

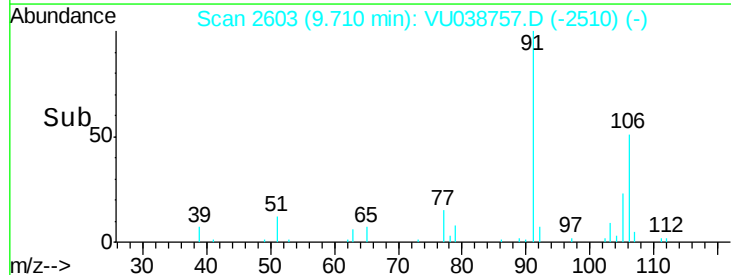
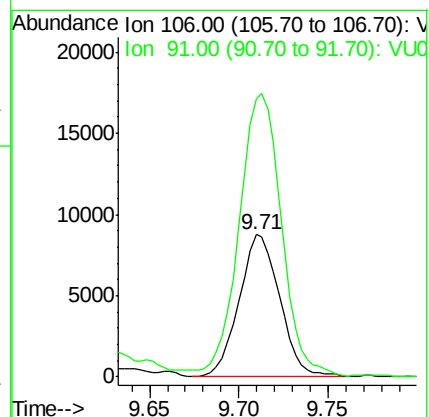
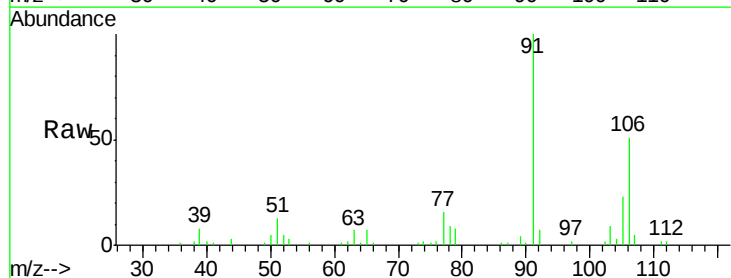
Acq: 10 Jun 2020 05:05

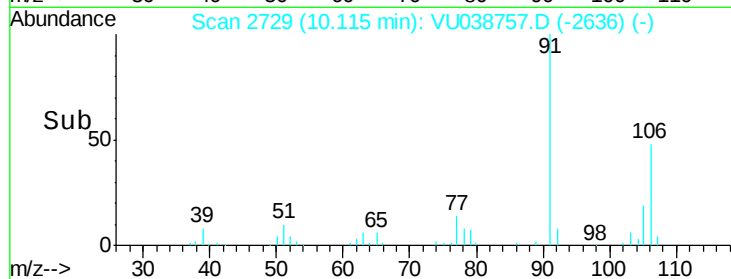
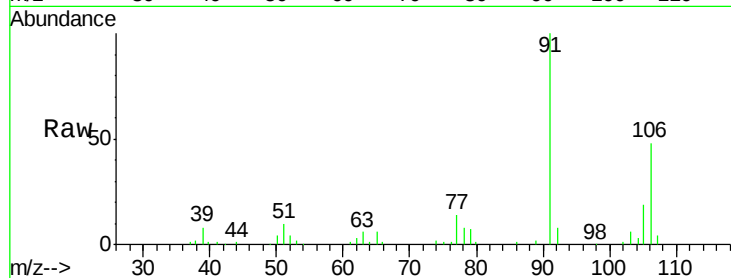
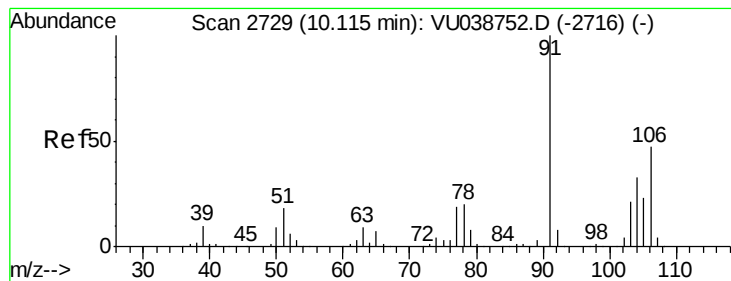
Tgt Ion: 106 Resp: 13962

Ion Ratio Lower Upper

106 100

91 196.1 140.1 260.3





#54

o-xylene

Concen: 4.401 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU038757.D

Acq: 10 Jun 2020 05:05

Instrument :

MSVOA_U

ClientSampleId :

F9D85

Tot Ion:106 Resp: 27892

Ion Ratio Lower Upper

106 100

91 208.2 151.2 280.8

