

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040612.D
 Acq On : 10 Oct 2020 02:52
 Operator : SY/MD
 Sample : L4352-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYZ8

Quant Time: Oct 10 06:56:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 05:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131796	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134115	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57115	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	48293	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.92	69	42967	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	75543	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.66	46	185121	52.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.94%
24) Chloroform-d	5.08	84	96440	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	59232	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.75	84	177254	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.70	67	60139	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	144297	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.19	79	22754	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	132535	50.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52854	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	60328	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

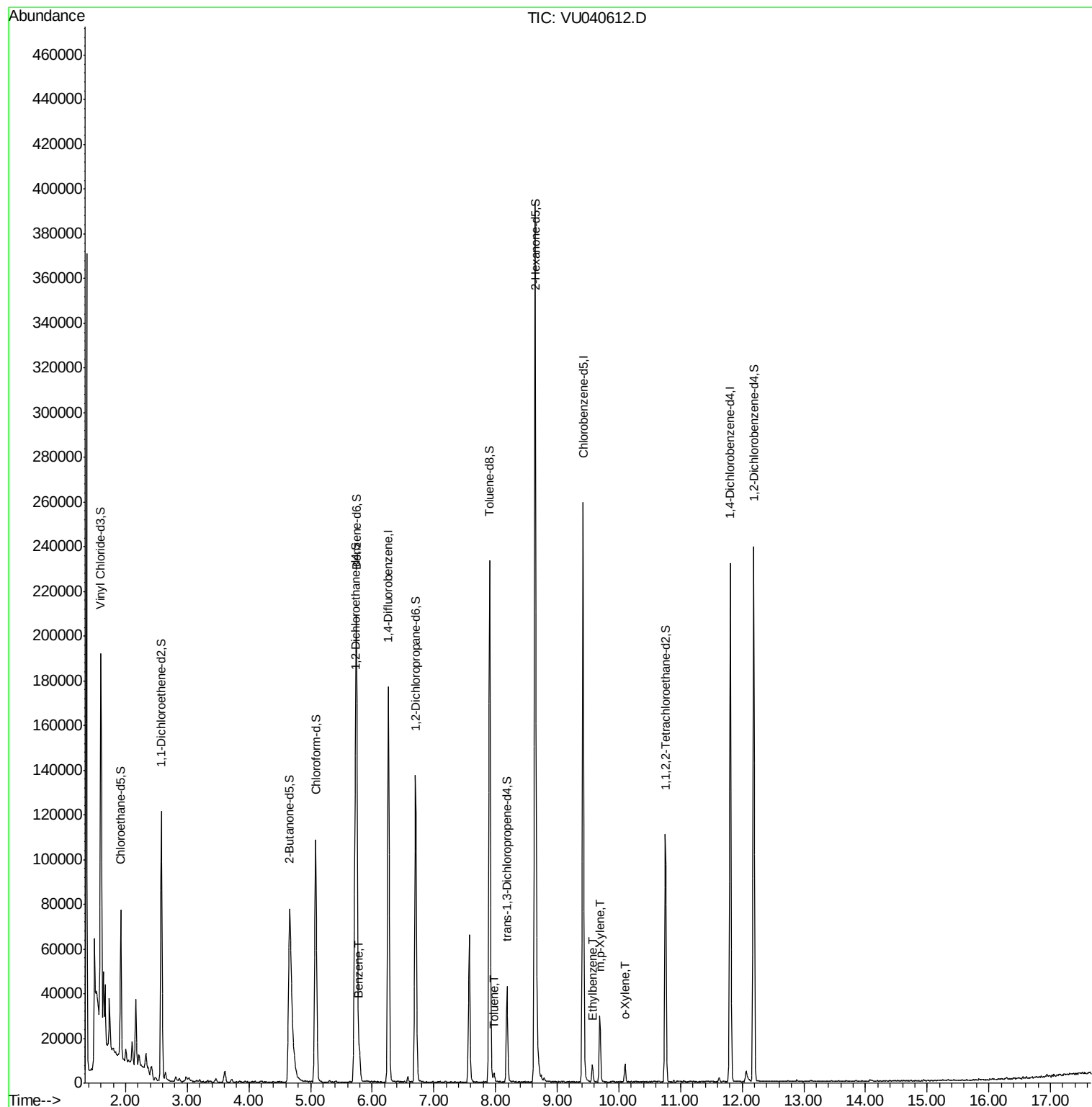
					Ovalue
33) Benzene	5.79	78	12027	0.279 ug/L	100
42) Toluene	7.98	91	2504	0.057 ug/L	83
52) Ethylbenzene	9.57	91	5357	0.113 ug/L	100
53) m,p-Xylene	9.69	106	7627	0.440 ug/L	99
54) o-Xylene	10.10	106	2214	0.133 ug/L	91

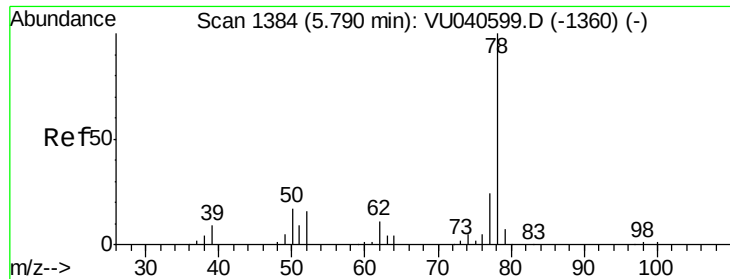
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.279 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU040612.D

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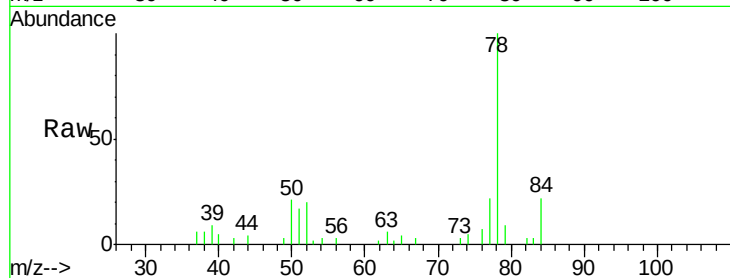
Instrument :

MSVOA_U

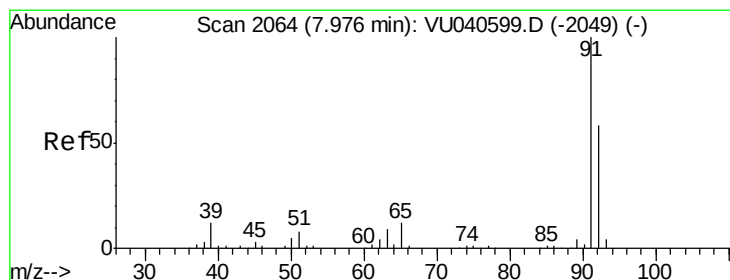
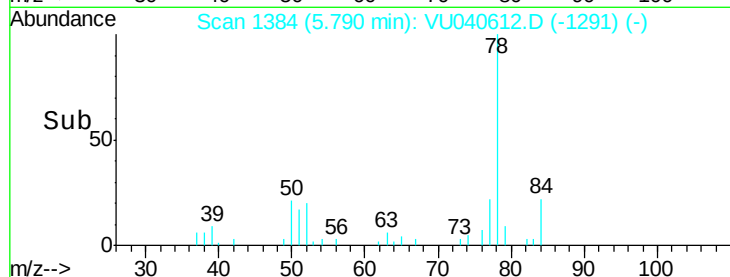
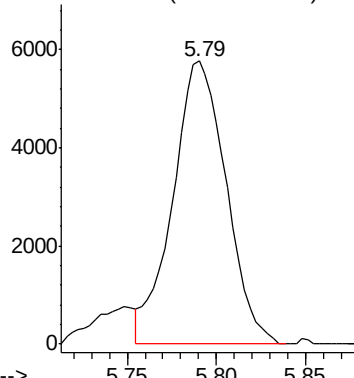
ClientSampleId :

ETYZ8

Tgt Ion: 78 Resp: 12027



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.057 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040612.D

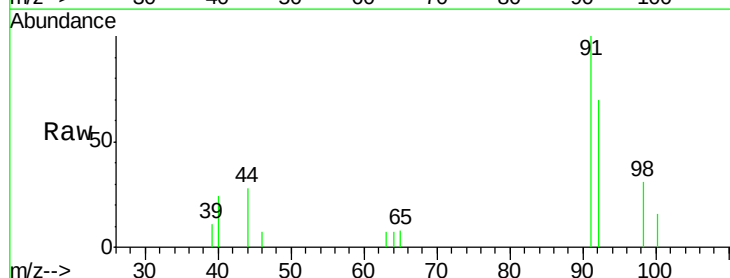
Acq: 10 Oct 2020 02:52

Tgt Ion: 91 Resp: 2504

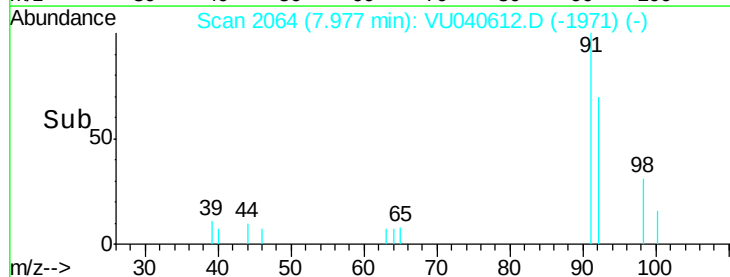
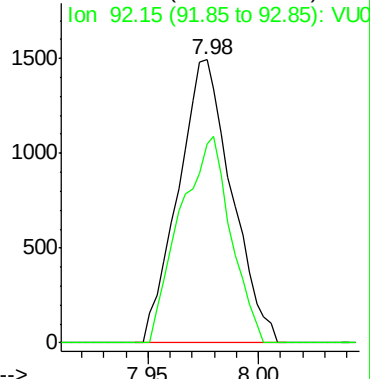
Ion Ratio Lower Upper

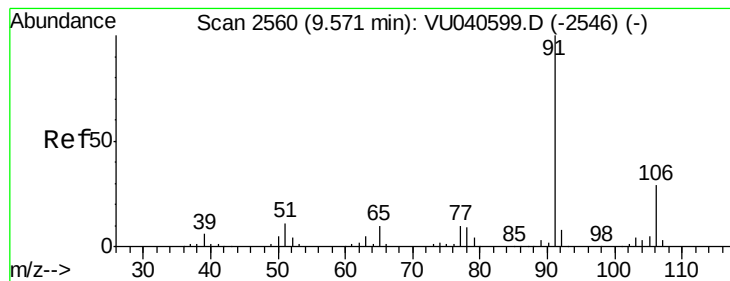
91 100

92 70.3 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0





#52

Ethylbenzene

Concen: 0.113 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040612.D

Acq: 10 Oct 2020 02:52

Instrument :

MSVOA_U

ClientSampleId :

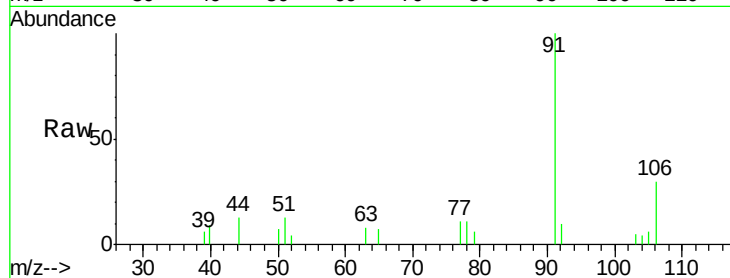
ETYZ8

Tot Ion: 91 Resp: 5357

Ion Ratio Lower Upper

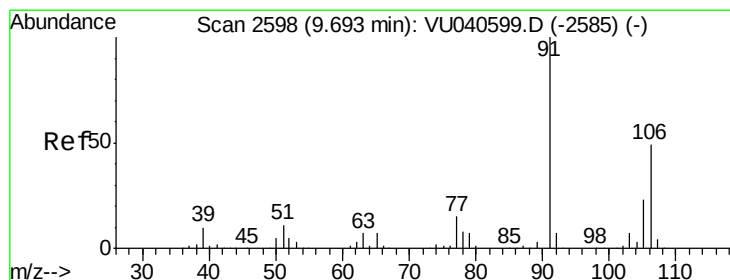
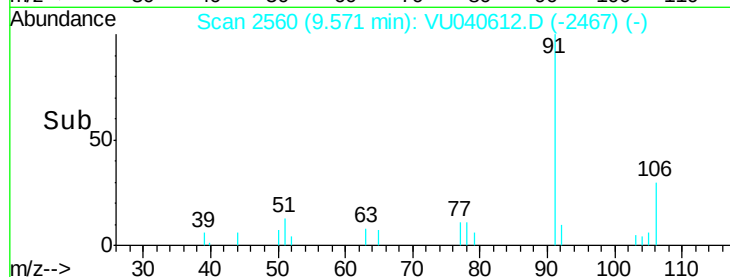
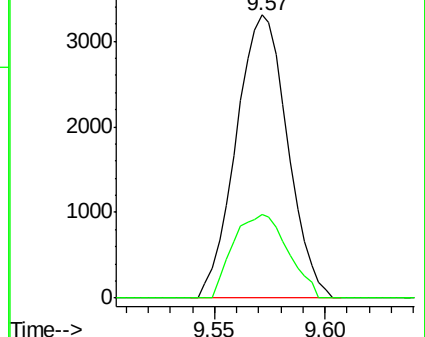
91 100

106 29.6 20.7 38.5



Abundance Ion 91.15 (90.85 to 91.85): VU040599.D (-2546) (-)

Ion 106.15 (105.85 to 106.85): VU040599.D (-2546) (-)



#53

m,p-Xylene

Concen: 0.440 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040612.D

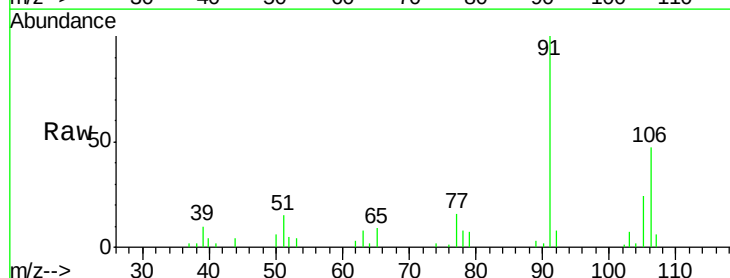
Acq: 10 Oct 2020 02:52

Tgt Ion: 106 Resp: 7627

Ion Ratio Lower Upper

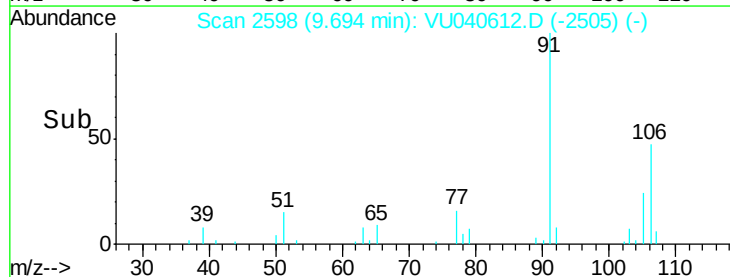
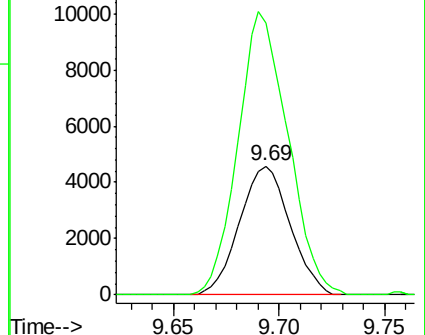
106 100

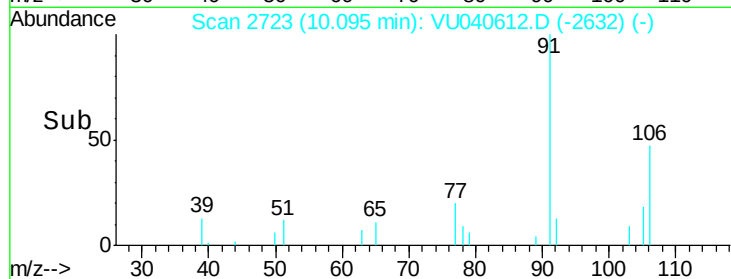
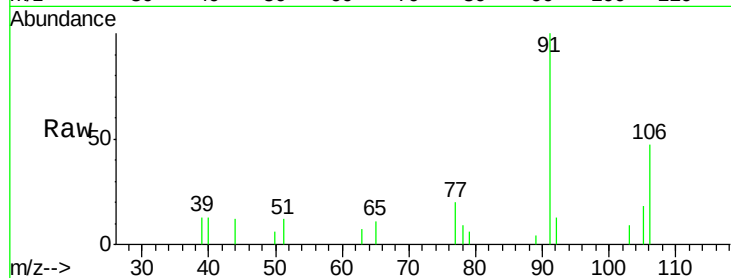
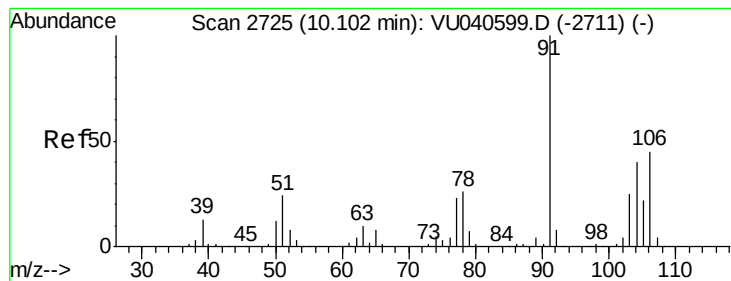
91 211.0 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040599.D (-2585) (-)

Ion 91.15 (90.85 to 91.85): VU040599.D (-2585) (-)





#54

o-Xylene

Concen: 0.133 ug/L

RT: 10.10 min Scan# 2723

Delta R.T. -0.01 min

Lab File: VU040612.D

Acq: 10 Oct 2020 02:52

Instrument :

MSVOA_U

ClientSampleId :

ETYZ8

Tot Ion:106 Resp: 2214

Ion Ratio Lower Upper

106 100

91 214.7 160.2 297.4

Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

