

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039927.D
 Acq On : 21 Aug 2020 14:26
 Operator : SY/MD
 Sample : L3776-01 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y00

Quant Time: Aug 22 01:24:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	81397	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	82815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36531	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28786	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.92	69	26475	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.58	63	37680	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.65	46	103299	45.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.92%
24) Chloroform-d	5.08	84	58064	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.72	65	33086	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.74	84	109823	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.70	67	33670	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.91	98	90215	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.19	79	14850	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	78870	45.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30921	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	36861	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

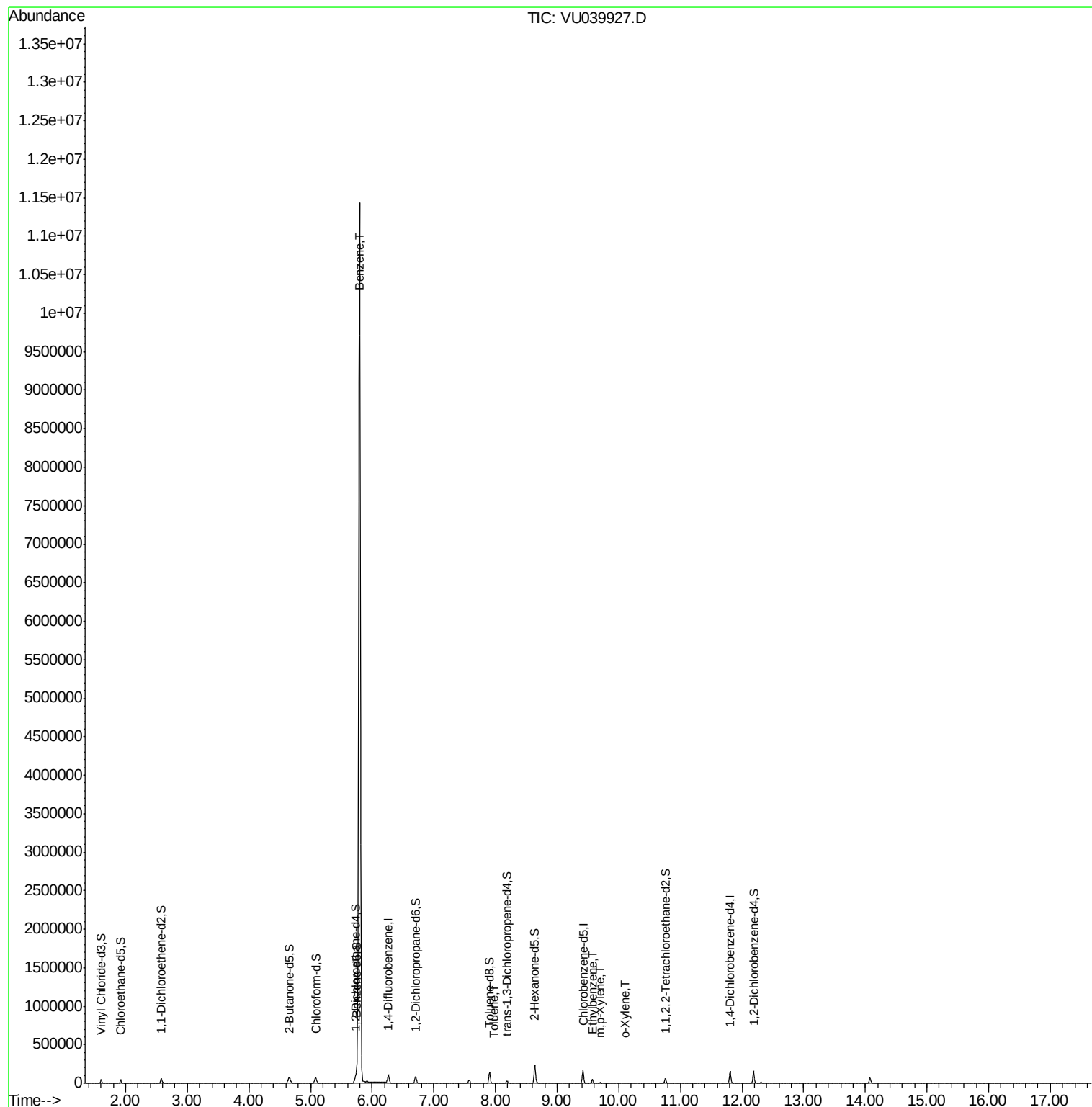
					Ovalue
33) Benzene	5.80	78	9716803	322.851	ug/L 100
42) Toluene	7.98	91	3719	0.121	ug/L 99
52) Ethylbenzene	9.57	91	35025	1.046	ug/L 98
53) m,p-Xylene	9.70	106	1951	0.152	ug/L 96
54) o-Xylene	10.10	106	1097	0.090	ug/L 90

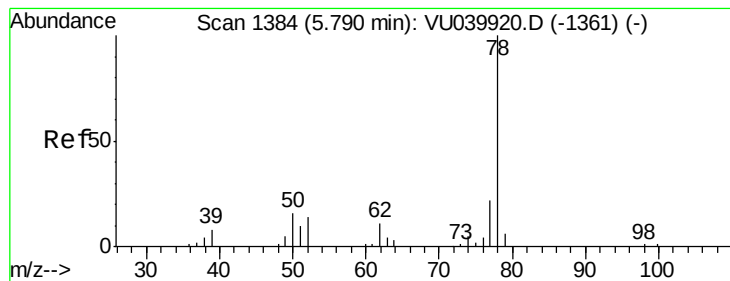
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 322.851 ug/L

RT: 5.80 min Scan# 1386

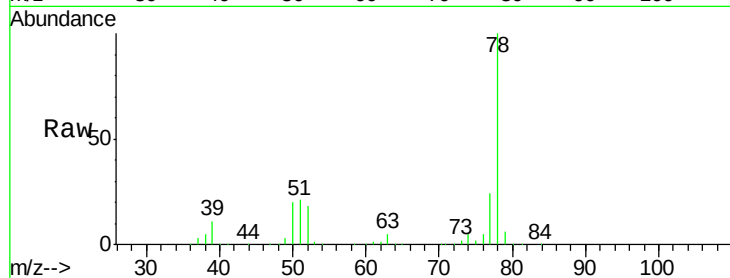
Delta R.T. 0.01 min

Lab File: VU039927.D

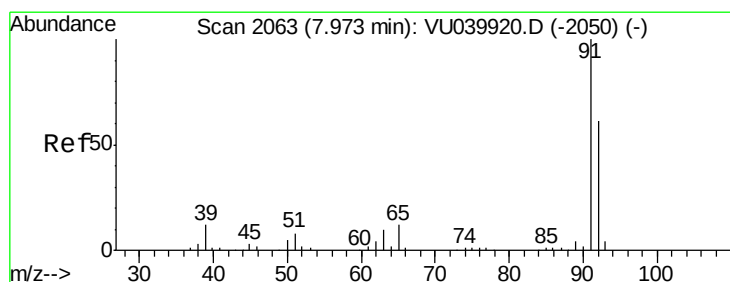
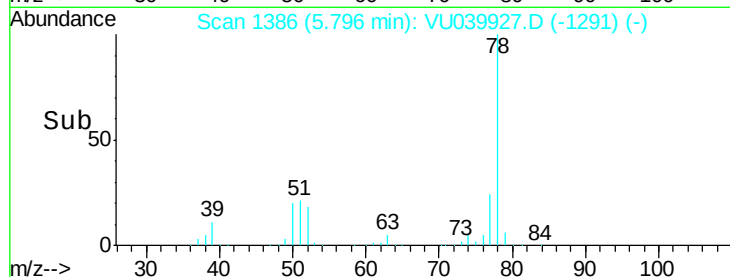
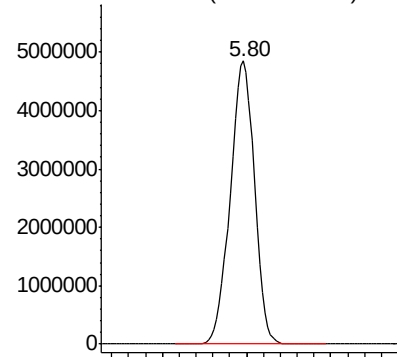
Acq: 21 Aug 2020 14:26

Instrument :
MSVOA_U
ClientSampleId :
F4Y00

Tgt Ion: 78 Resp: 9716803



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.121 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039927.D

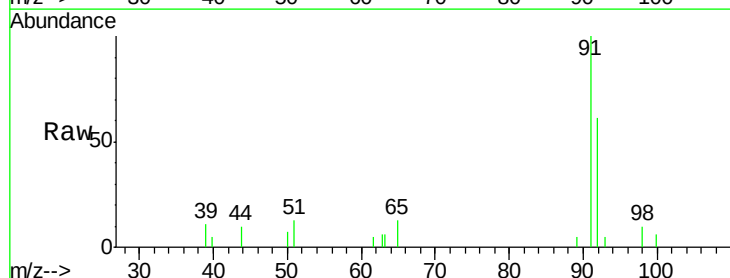
Acq: 21 Aug 2020 14:26

Tgt Ion: 91 Resp: 3719

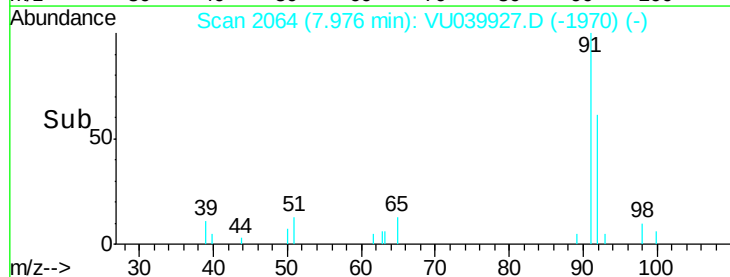
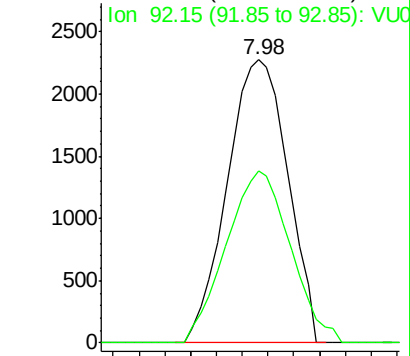
Ion Ratio Lower Upper

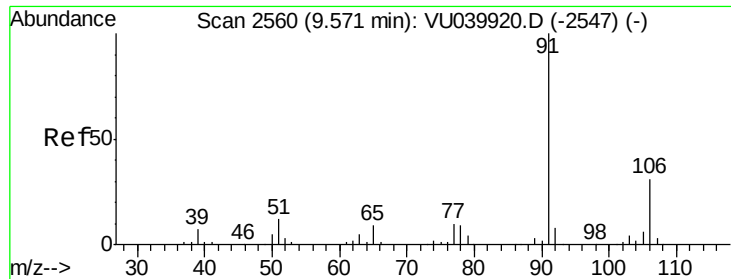
91 100

92 60.8 42.3 78.5



Abundance Ion 91.15 (90.85 to 91.85): VU0





#52

Ethylbenzene

Concen: 1.046 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039927.D

Acq: 21 Aug 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

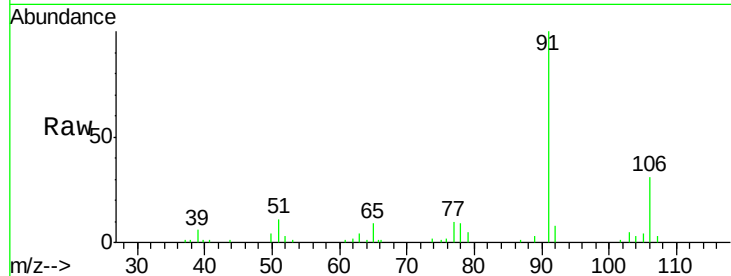
F4Y00

Tot Ion: 91 Resp: 35025

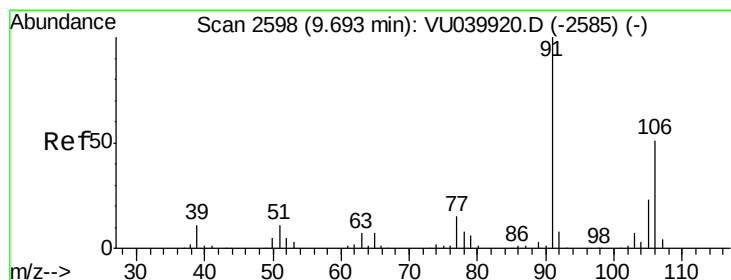
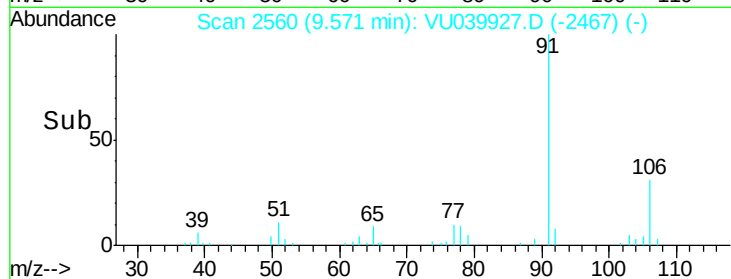
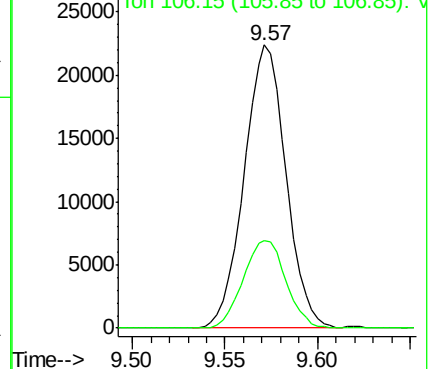
Ion Ratio Lower Upper

91 100

106 31.1 21.2 39.4



Abundance Ion 91.15 (90.85 to 91.85): VU039927.D (-2547) (-)



#53

m,p-Xylene

Concen: 0.152 ug/L

RT: 9.70 min Scan# 2600

Delta R.T. 0.01 min

Lab File: VU039927.D

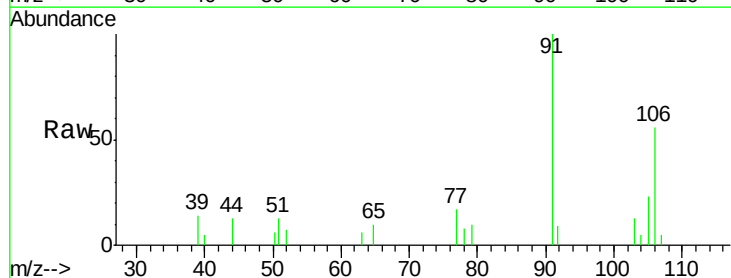
Acq: 21 Aug 2020 14:26

Tgt Ion: 106 Resp: 1951

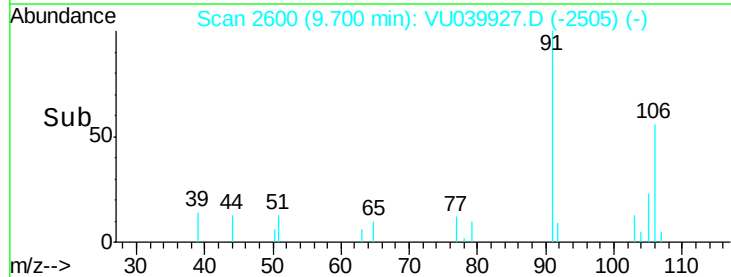
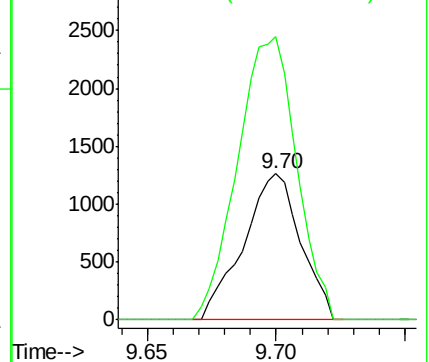
Ion Ratio Lower Upper

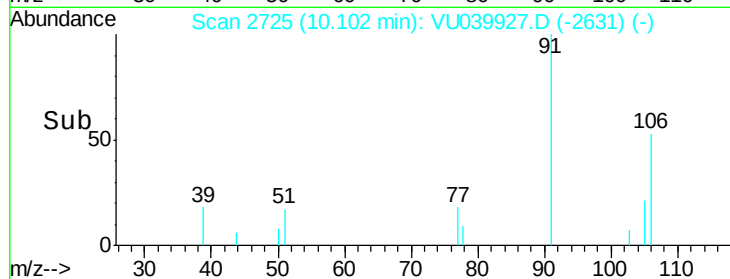
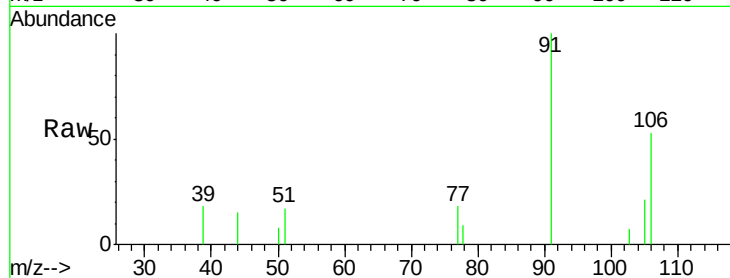
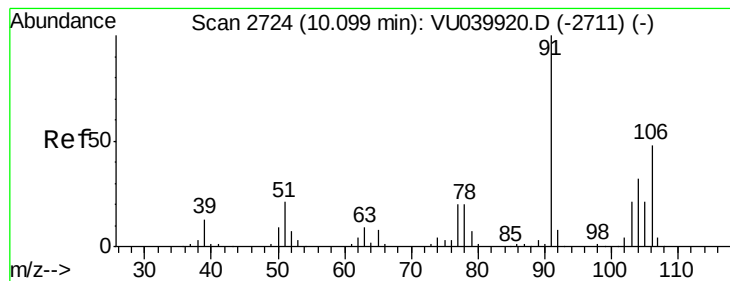
106 100

91 194.0 139.8 259.6



Abundance Ion 106.15 (105.85 to 106.85): VU039927.D (-2598) (-)





#54
o-Xylene
Concen: 0.090 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039927.D
Acq: 21 Aug 2020 14:26

Instrument :
MSVOA_U
ClientSampleId :
F4Y00

Tot Ion:106 Resp: 1097
Ion Ratio Lower Upper
106 100
91 190.4 144.6 268.6

