

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039420.D
 Acq On : 10 Jul 2020 01:52
 Operator : SY/MD
 Sample : L3261-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE507

Quant Time: Jul 10 02:59:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 02:02:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	106592	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46790	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28447	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.92	69	31558	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.58	63	44430	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.66	46	178603	63.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.36%
24) Chloroform-d	5.08	84	71064	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.72	65	47159	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.74	84	135698	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
36) 1,2-Dichloropropane-d6	6.71	67	46994	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.91	98	117572	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
43) trans-1,3-Dichloropropene-	8.19	79	19017	5.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.80%
46) 2-Hexanone-d5	8.64	63	128070	60.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.20%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44360	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	47449	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

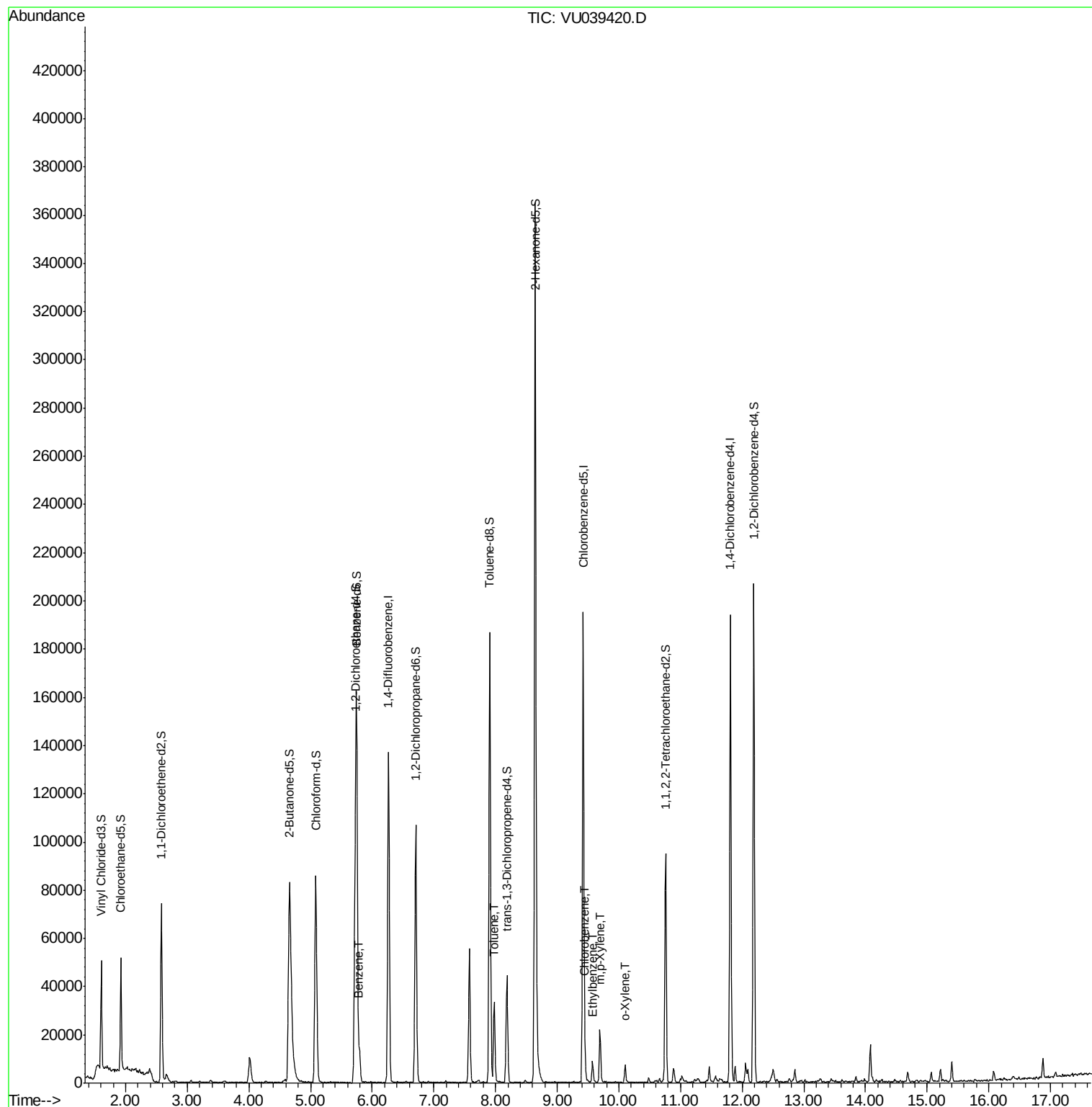
					Ovalue
33) Benzene	5.79	78	11045	0.384 ug/L	100
42) Toluene	7.98	91	23278	0.756 ug/L	96
51) Chlorobenzene	9.46	112	3988	0.212 ug/L	93
52) Ethylbenzene	9.57	91	6495	0.191 ug/L	98
53) m,p-Xylene	9.70	106	5863	0.457 ug/L	90
54) o-Xylene	10.10	106	1909	0.153 ug/L	99

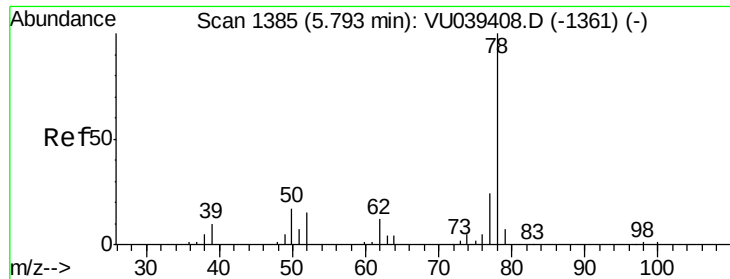
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.384 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

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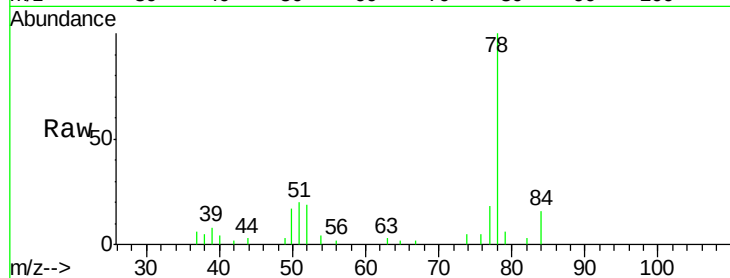
Instrument :

MSVOA_U

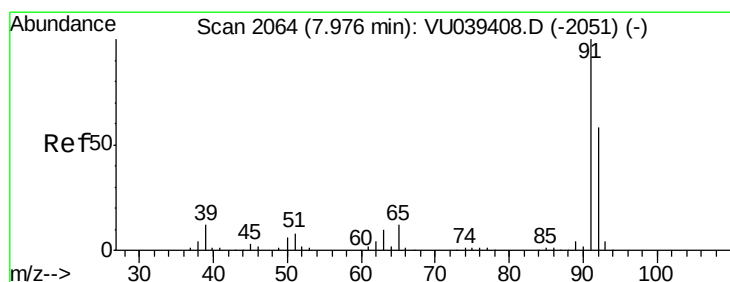
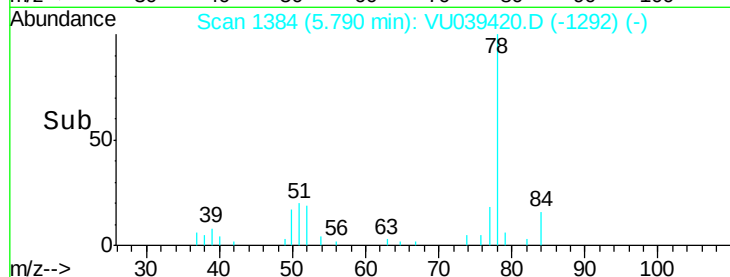
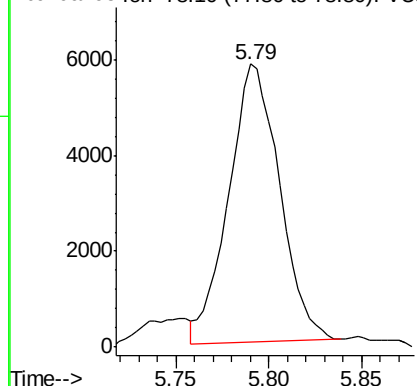
ClientSampled :

BE507

Tgt Ion: 78 Resp: 11045



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.756 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VU039420.D

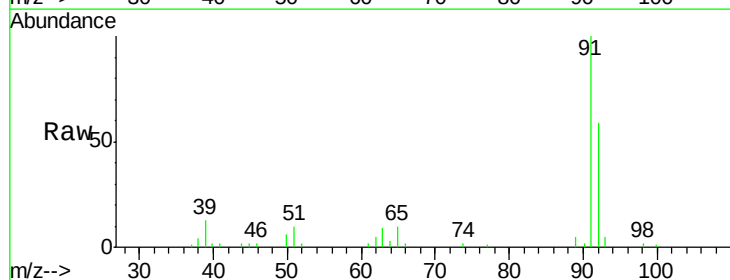
Acq: 10 Jul 2020 01:52

Tgt Ion: 91 Resp: 23278

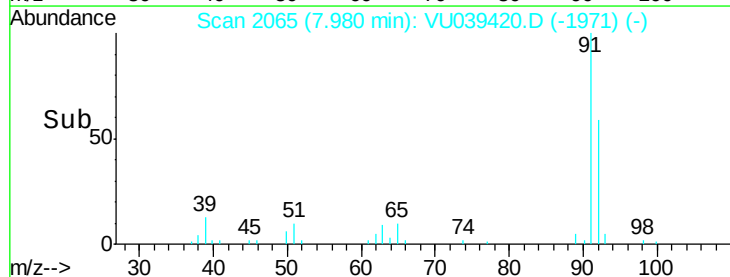
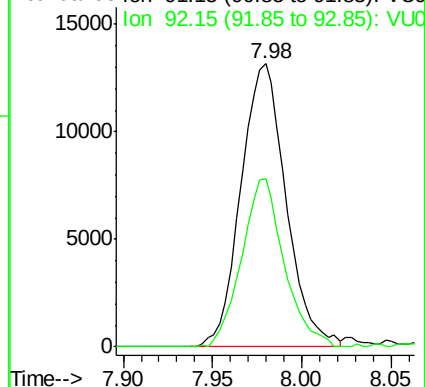
Ion Ratio Lower Upper

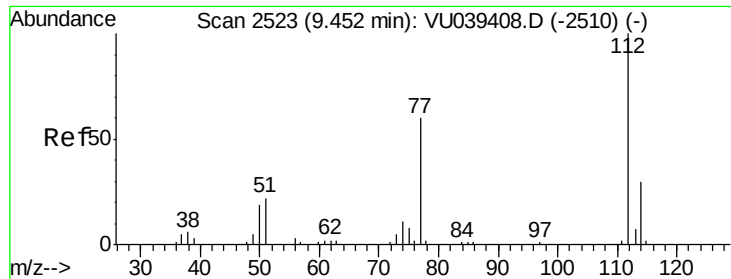
91 100

92 59.3 39.3 73.1



Abundance Ion 91.15 (90.85 to 91.85): VU0





#51

Chlorobenzene

Concen: 0.212 ug/L

RT: 9.46 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU039420.D

Acq: 10 Jul 2020 01:52

Instrument :

MSVOA_U

ClientSampleId :

BE507

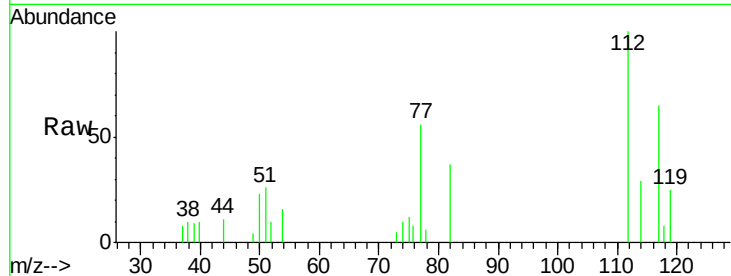
Tot Ion:112 Resp: 3988

Ion Ratio Lower Upper

112 100

114 28.9 22.1 41.1

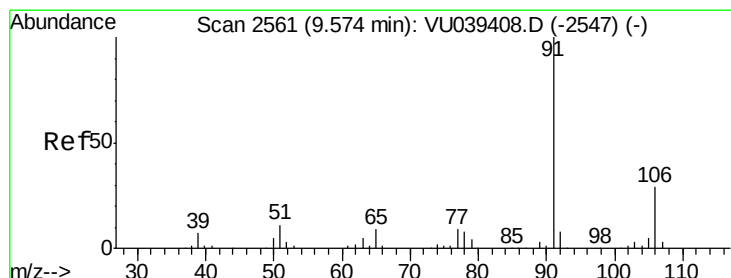
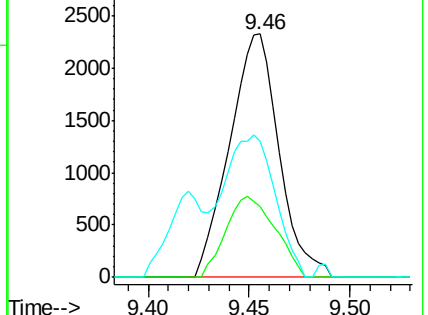
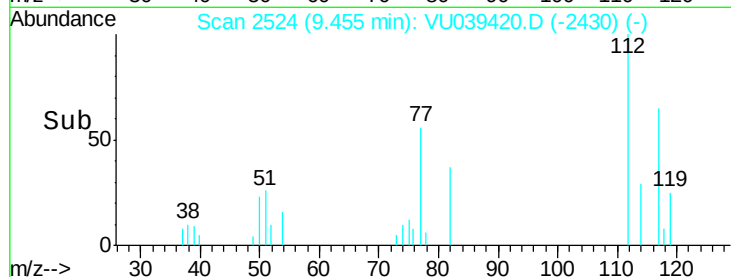
77 55.9 49.9 74.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#52

Ethylbenzene

Concen: 0.191 ug/L

RT: 9.57 min Scan# 2561

Delta R.T. 0.00 min

Lab File: VU039420.D

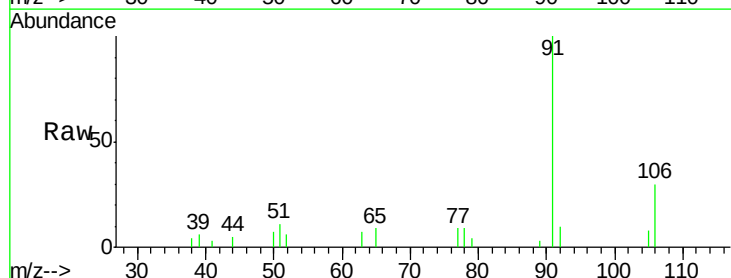
Acq: 10 Jul 2020 01:52

Tgt Ion: 91 Resp: 6495

Ion Ratio Lower Upper

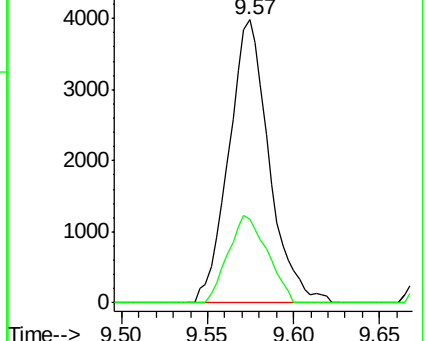
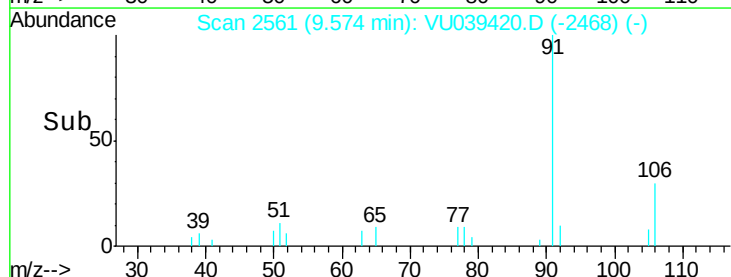
91 100

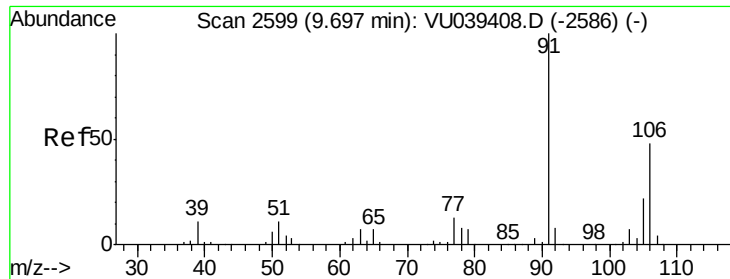
106 29.6 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 0.457 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU039420.D

Acq: 10 Jul 2020 01:52

Instrument :

MSVOA_U

ClientSampleId :

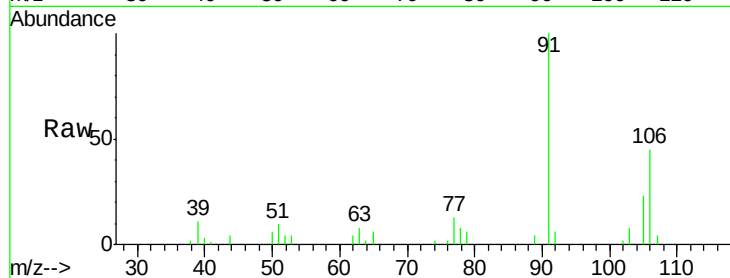
BE507

Tot Ion:106 Resp: 5863

Ion Ratio Lower Upper

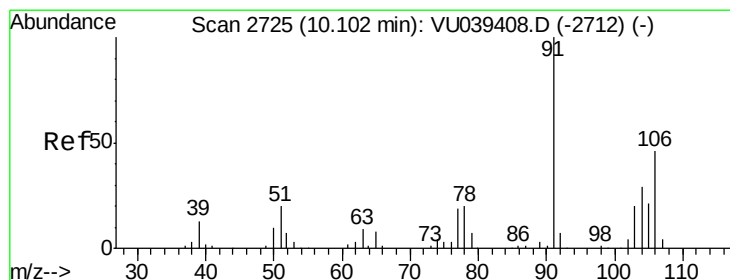
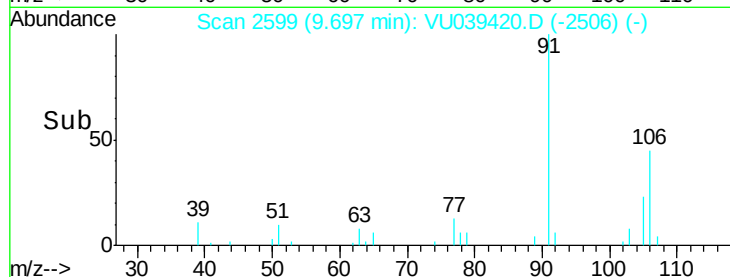
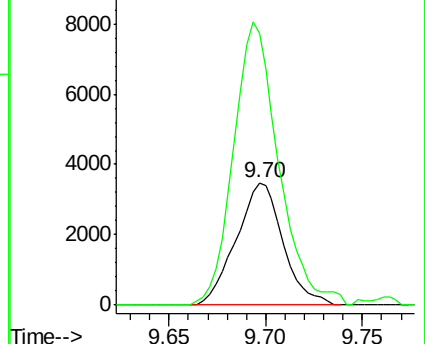
106 100

91 221.9 144.0 267.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.153 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU039420.D

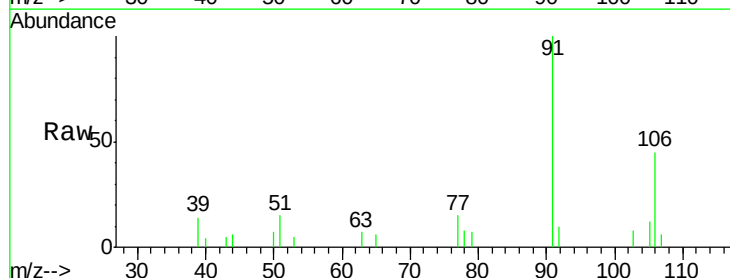
Acq: 10 Jul 2020 01:52

Tgt Ion:106 Resp: 1909

Ion Ratio Lower Upper

106 100

91 222.9 154.6 287.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

