

Data File : VU023751.D
Acq On : 08 May 2018 21:48
Operator : MD/SY
Sample : J2725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 09 04:50:57 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 09 03:02:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	373289	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	358580	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	195432	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125548	43.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.00%
7) Chloroethane-d5	1.68	69	96926	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.90%
11) 1,1-Dichloroethene-d2	2.27	63	172330	31.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.70%
21) 2-Butanone-d5	4.18	46	219000	101.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	4.65	84	219565	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.31	65	146592	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
32) Benzene-d6	5.35	84	474807	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
36) 1,2-Dichloropropane-d6	6.34	67	159568	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.98%
41) Toluene-d8	7.57	98	435125	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%
43) trans-1,3-Dichloropropene-	7.85	79	67813	46.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.30%
47) 2-Hexanone-d5	8.31	63	162230	108.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	215077	47.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.50%
64) 1,2-Dichlorobenzene-d4	11.87	152	182506	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%

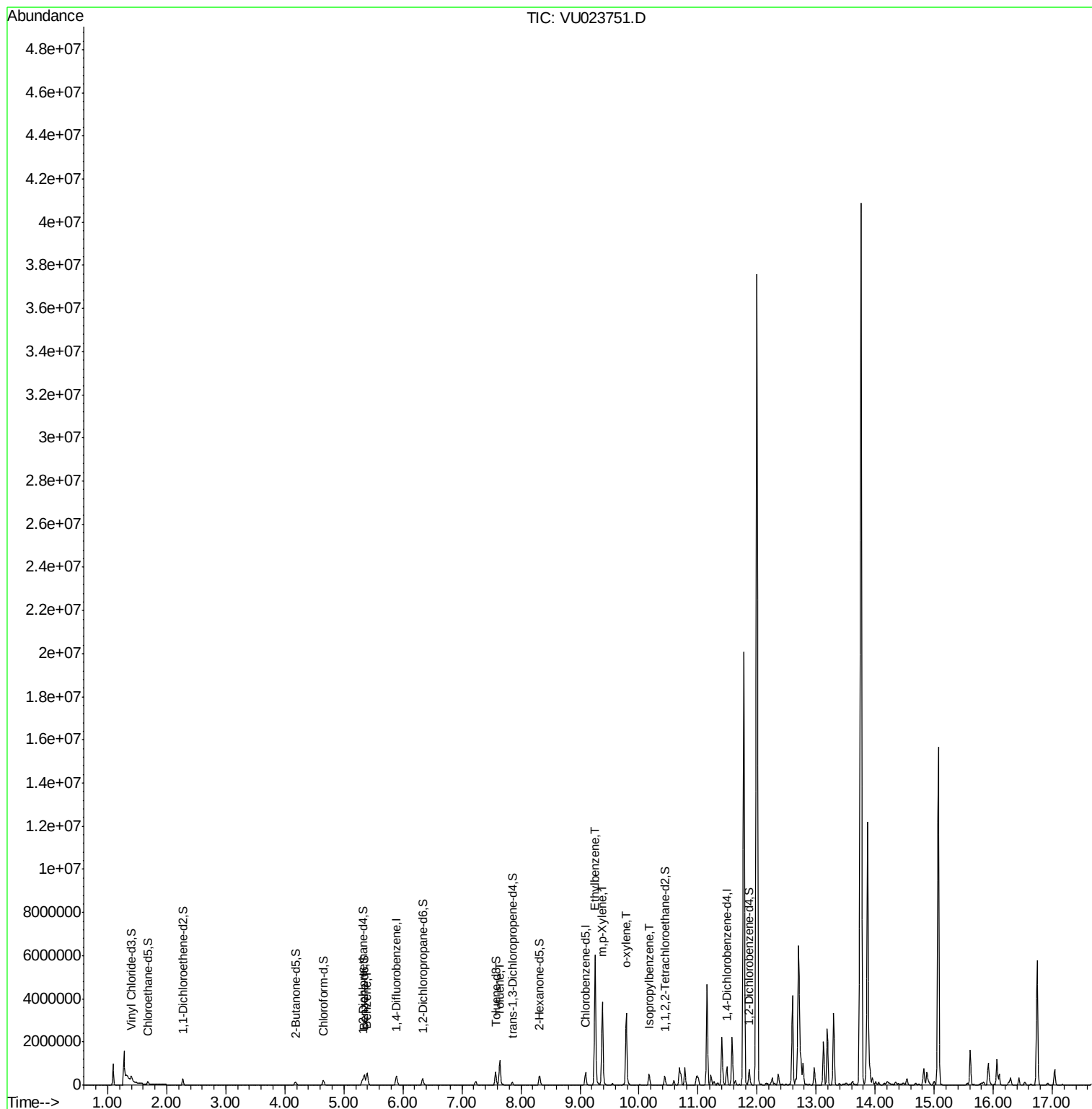
Target Compounds

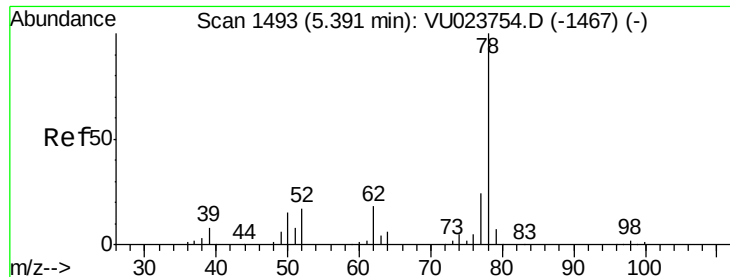
						Qvalue
33) Benzene	5.39	78	553957	45.85	ug/L	100
42) Toluene	7.64	91	885107	70.11	ug/L	100
52) Ethylbenzene	9.26	91	4386088	315.49	ug/L	100
53) m,p-Xylene	9.38	106	1123023	212.61	ug/L	100
54) o-xylene	9.78	106	884491	171.61	ug/L	99
56) Isopropylbenzene	10.17	105	355131	26.28	ug/L	100

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

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#33

Benzene

Concen: 45.85 ug/L

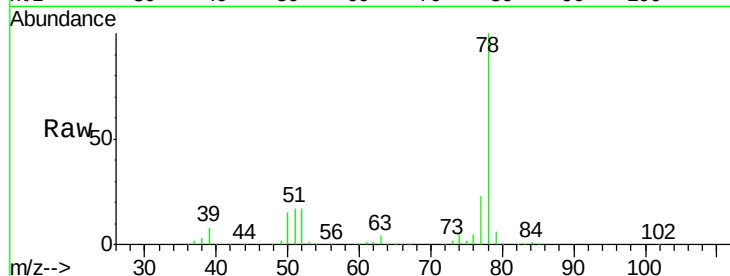
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

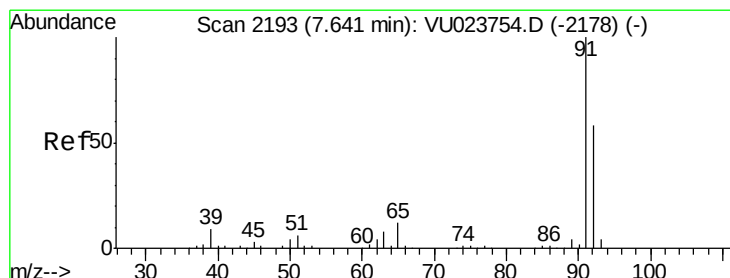
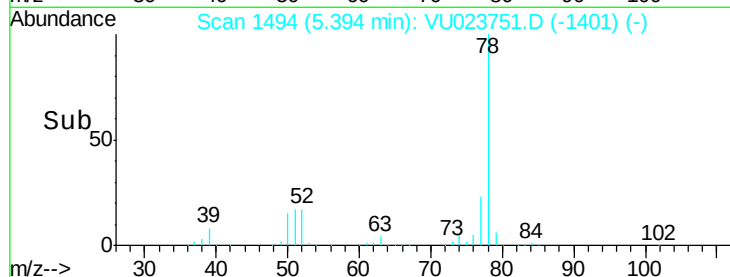
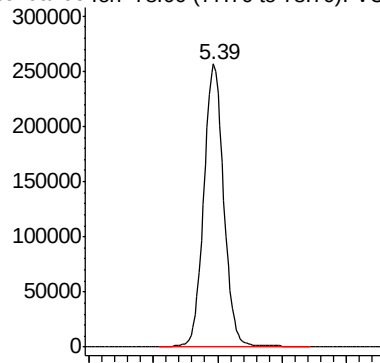
Lab File: VU023751.D

Acq: 08 May 2018 21:48

Tgt Ion: 78 Resp: 553957



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 70.11 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023751.D

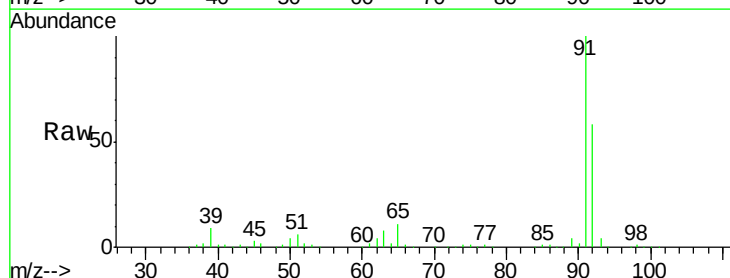
Acq: 08 May 2018 21:48

Tgt Ion: 91 Resp: 885107

Ion Ratio Lower Upper

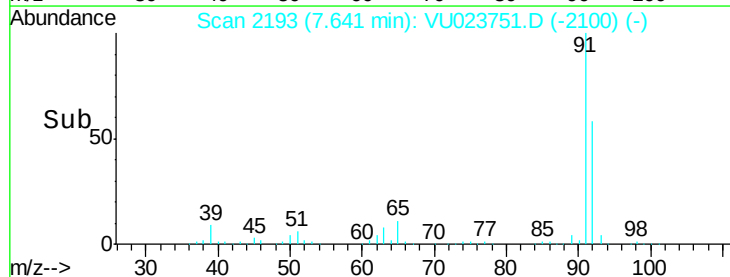
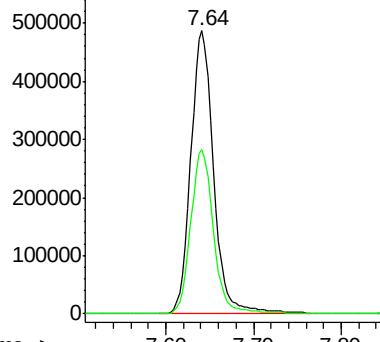
91 100

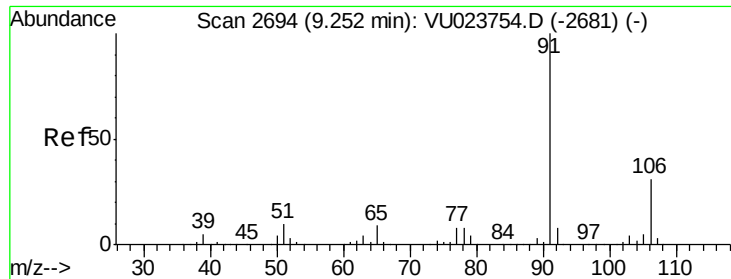
92 58.1 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 315.49 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023751.D

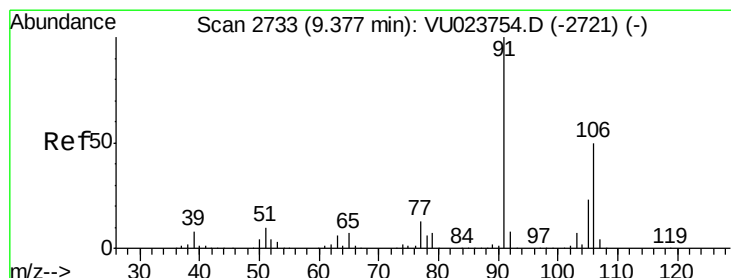
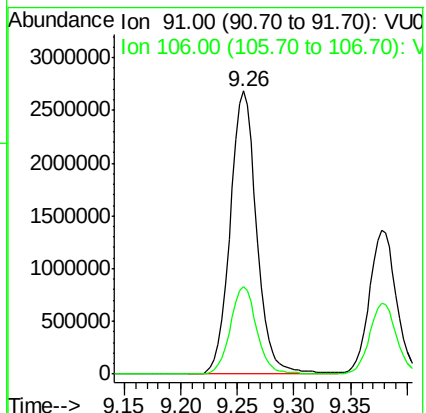
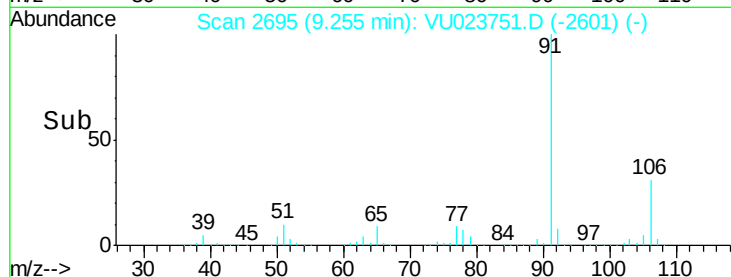
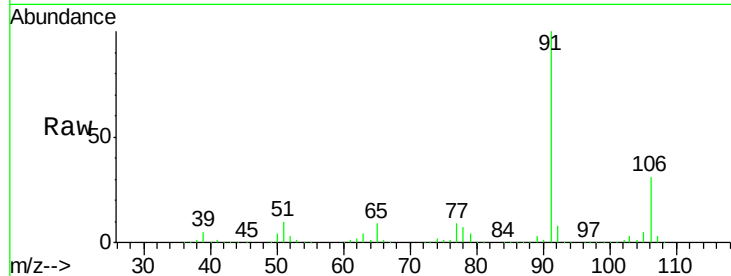
Acq: 08 May 2018 21:48

Tgt Ion: 91 Resp: 4386088

Ion Ratio Lower Upper

91 100

106 31.1 21.8 40.4



#53

m,p-Xylene

Concen: 212.61 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023751.D

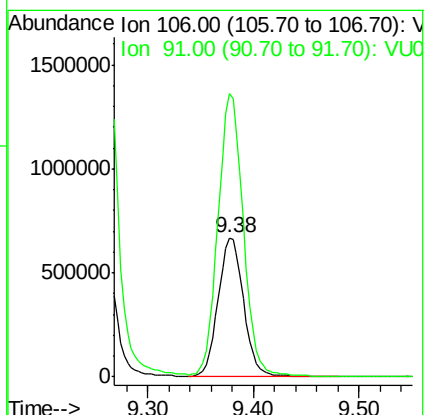
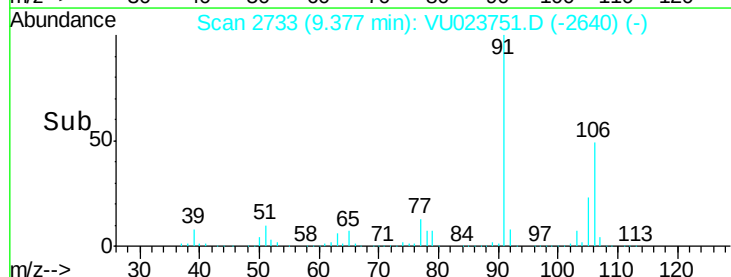
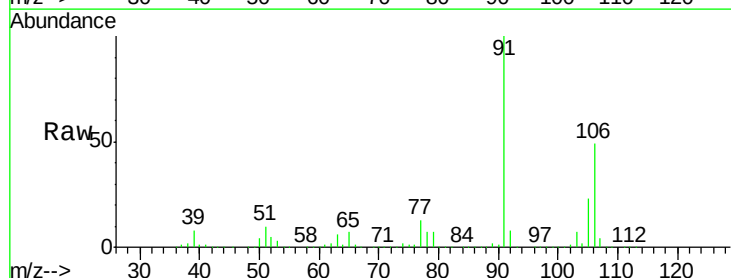
Acq: 08 May 2018 21:48

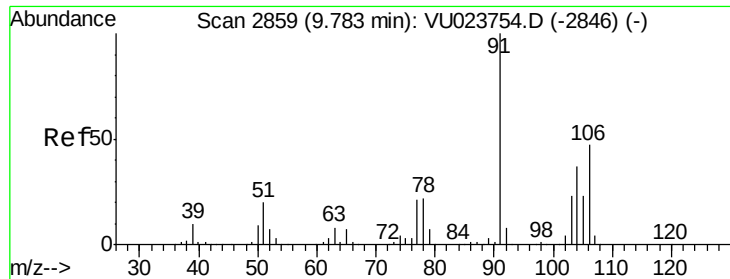
Tgt Ion: 106 Resp: 1123023

Ion Ratio Lower Upper

106 100

91 203.5 142.2 264.2





#54

o-xylene

Concen: 171.61 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023751.D

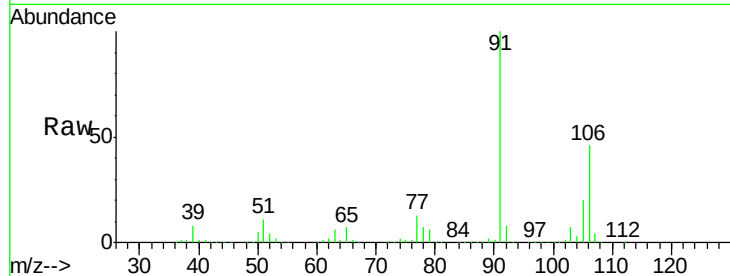
Acq: 08 May 2018 21:48

Tgt Ion:106 Resp: 884491

Ion Ratio Lower Upper

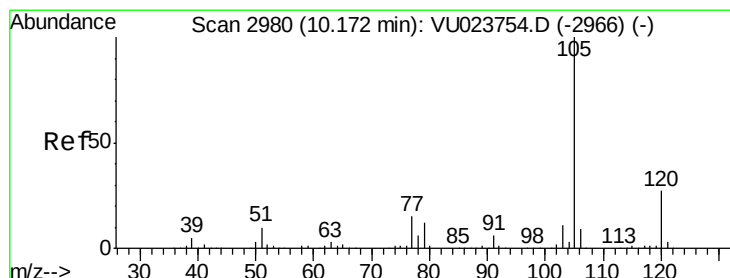
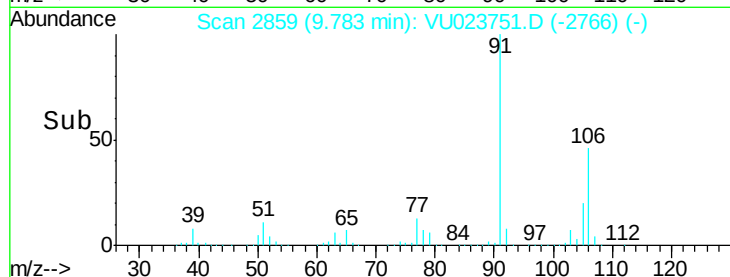
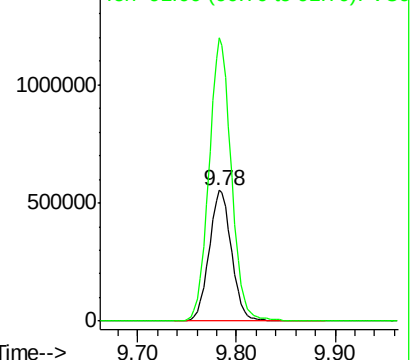
106 100

91 216.6 152.6 283.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 26.28 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023751.D

Acq: 08 May 2018 21:48

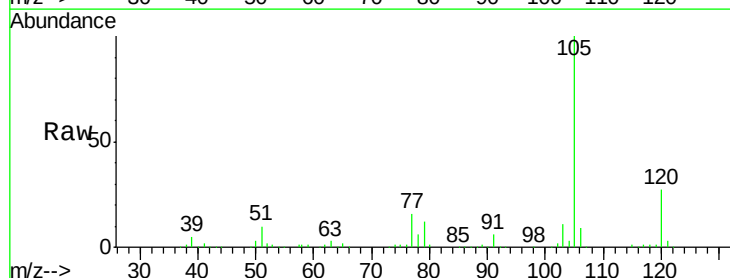
Tgt Ion:105 Resp: 355131

Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

77 15.6 12.3 18.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

