

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031665.D
 Acq On : 01 May 2019 04:08
 Operator : JC/SP
 Sample : K2604-01 20X
 Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ75

Quant Time: May 20 04:23:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 04:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	975177	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	937644	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	445542	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	306562	37.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.12%
7) Chloroethane-d5	1.68	69	236882	37.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.12%
11) 1,1-Dichloroethene-d2	2.26	63	457989	28.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.36%#
21) 2-Butanone-d5	4.19	46	676218	91.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.45%
24) Chloroform-d	4.64	84	544950	36.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.92%
26) 1,2-Dichloroethane-d4	5.31	65	376372	38.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.08%
32) Benzene-d6	5.33	84	1116828	38.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.58%
36) 1,2-Dichloropropane-d6	6.32	67	400229	39.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.02%
41) Toluene-d8	7.56	98	969237	38.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.30%#
43) trans-1,3-Dichloropropene-	7.85	79	164602	37.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.70%
47) 2-Hexanone-d5	8.32	63	437077	99.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	531367	39.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	353954	37.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.56%#

Target Compounds

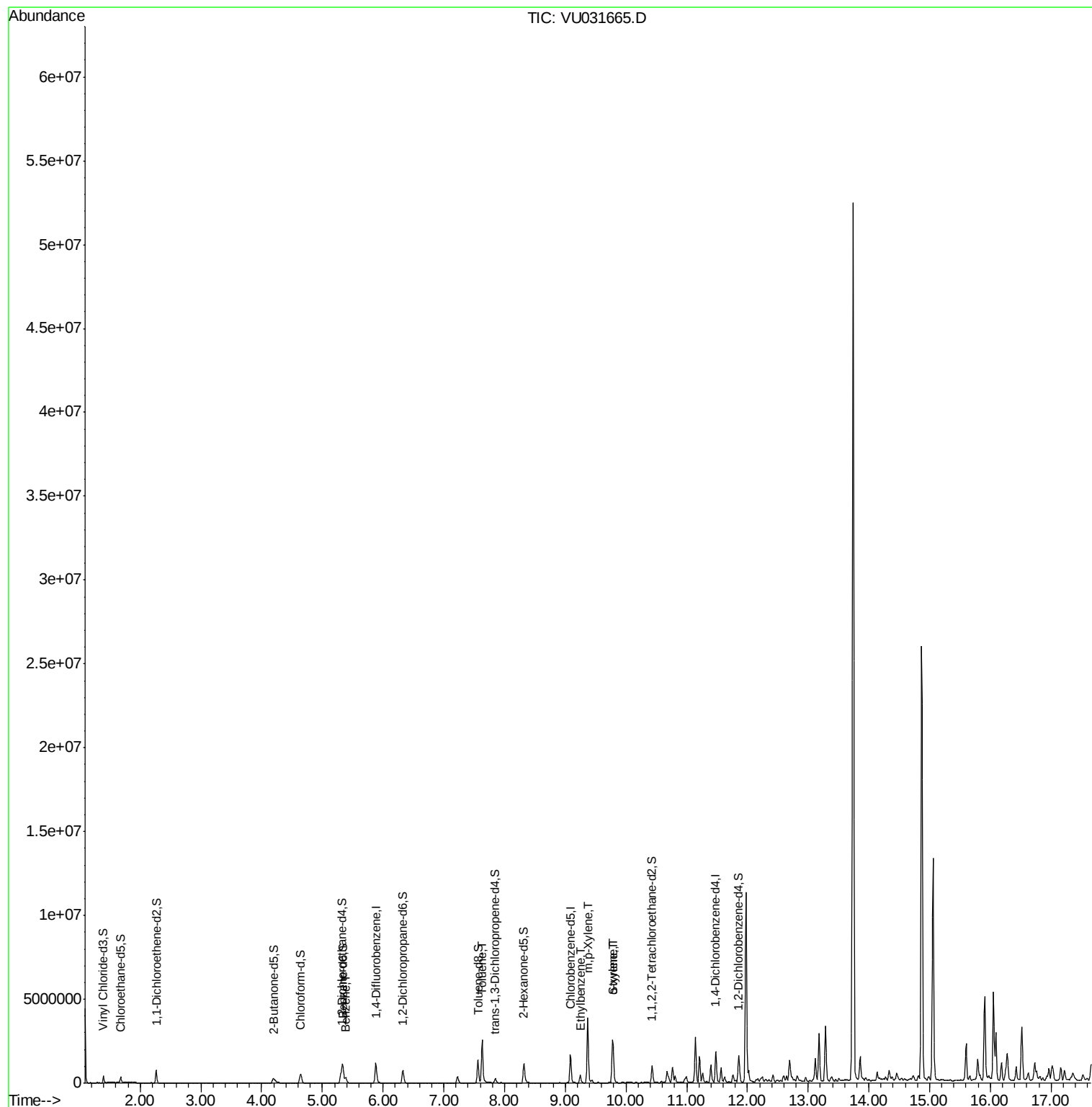
					Ovalue
33) Benzene	5.38	78	334863	9.714	ug/L 100
42) Toluene	7.63	91	1974322	57.493	ug/L 98
52) Ethylbenzene	9.25	91	339226	9.523	ug/L 99
53) m,p-Xylene	9.37	106	1064846	85.799	ug/L 98
54) o-xylene	9.77	106	442672	35.977	ug/L 98
55) Styrene	9.79	104	765088	36.396	ug/L 97

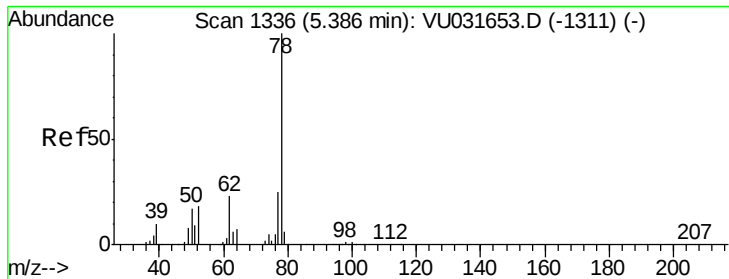
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration





#33

Benzene

Concen: 9.714 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU031665.D

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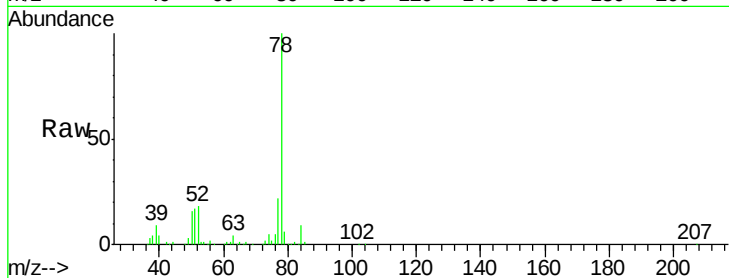
Instrument :

MSVOA_U

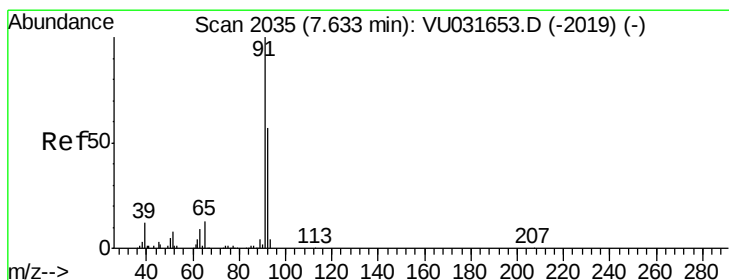
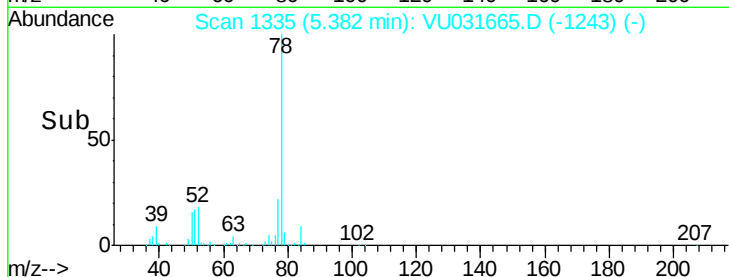
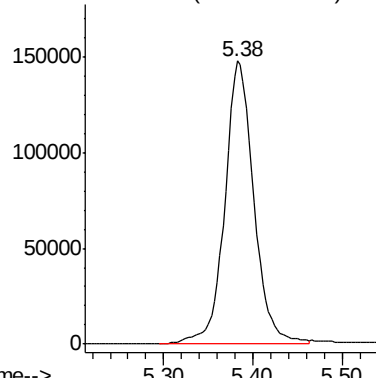
ClientSampleId :

GAJ75

Tgt Ion: 78 Resp: 334863



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 57.493 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031665.D

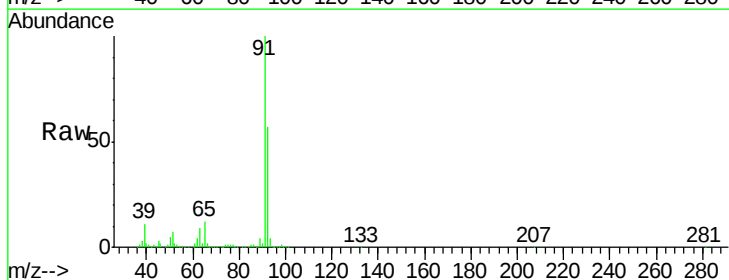
Acq: 01 May 2019 04:08

Tgt Ion: 91 Resp: 1974322

Ion Ratio Lower Upper

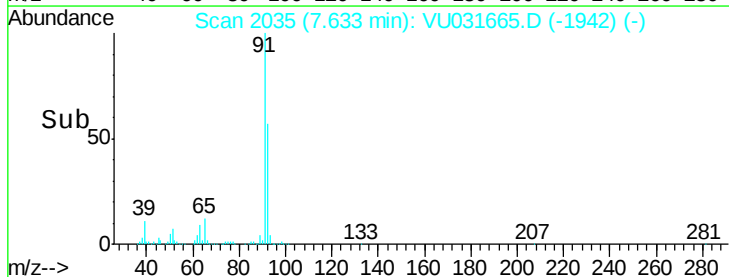
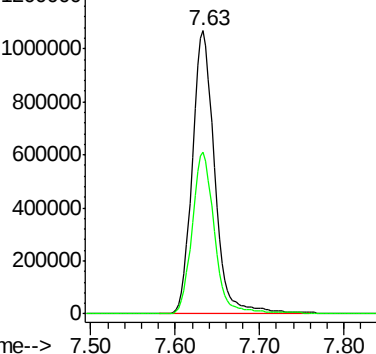
91 100

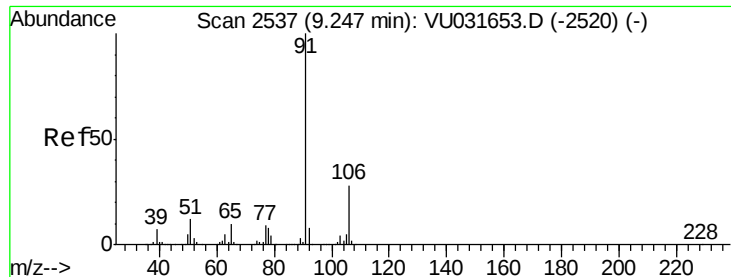
92 57.1 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 9.523 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031665.D

Acq: 01 May 2019 04:08

Instrument :

MSVOA_U

ClientSampleId :

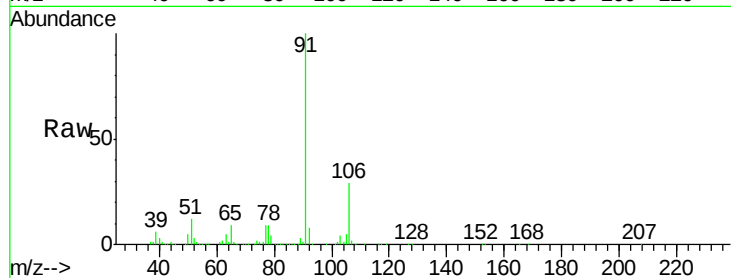
GAJ75

Tot Ion: 91 Resp: 339226

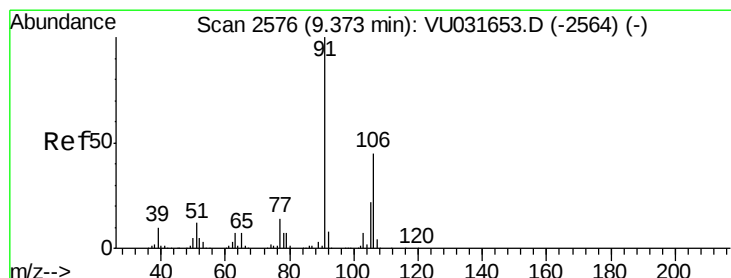
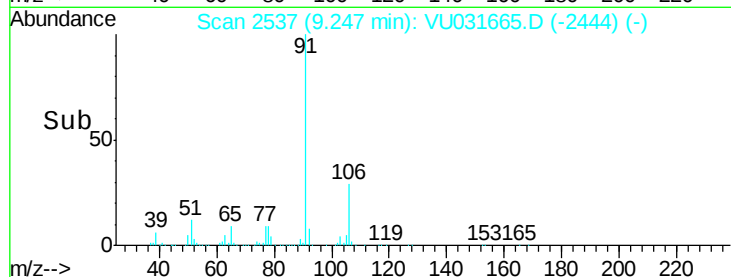
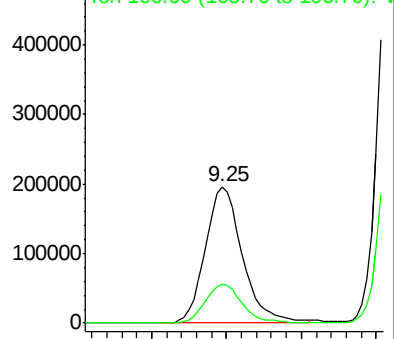
Ion Ratio Lower Upper

91 100

106 28.5 20.4 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU031665.D (-2444) (-)



#53

m,p-Xylene

Concen: 85.799 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031665.D

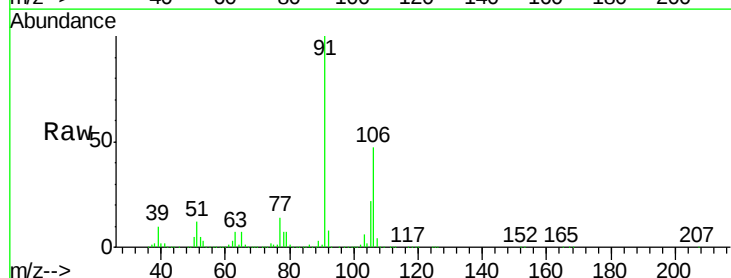
Acq: 01 May 2019 04:08

Tgt Ion: 106 Resp: 1064846

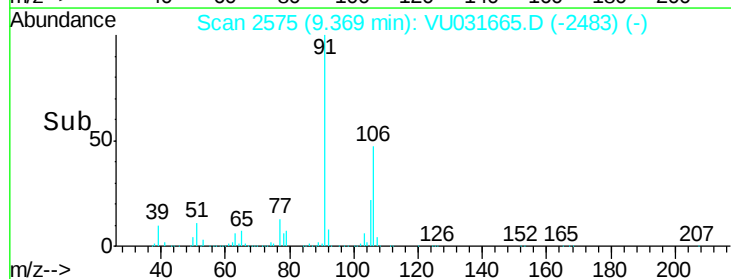
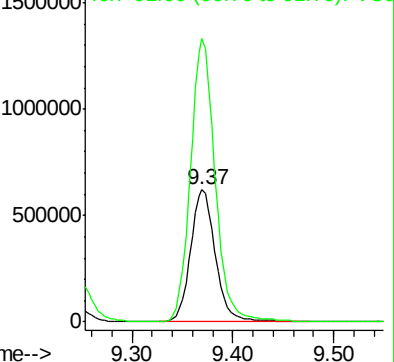
Ion Ratio Lower Upper

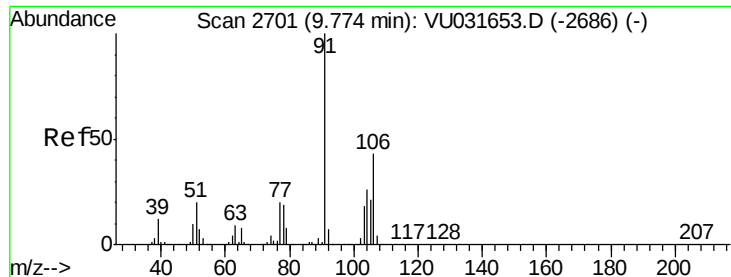
106 100

91 214.1 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): VU031665.D (-2483) (-)





#54

o-xylene

Concen: 35.977 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031665.D

Acq: 01 May 2019 04:08

Instrument :

MSVOA_U

ClientSampleId :

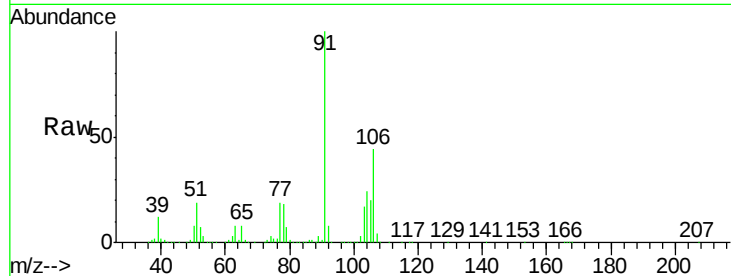
GAJ75

Tot Ion:106 Resp: 442672

Ion Ratio Lower Upper

106 100

91 229.4 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

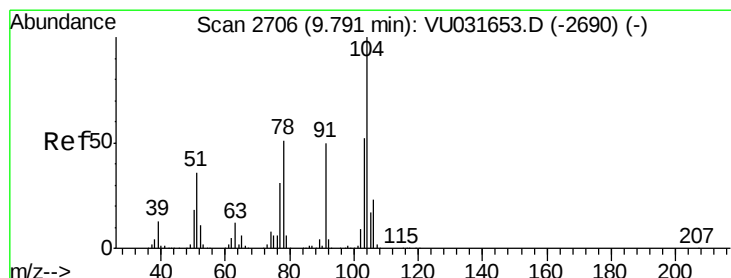
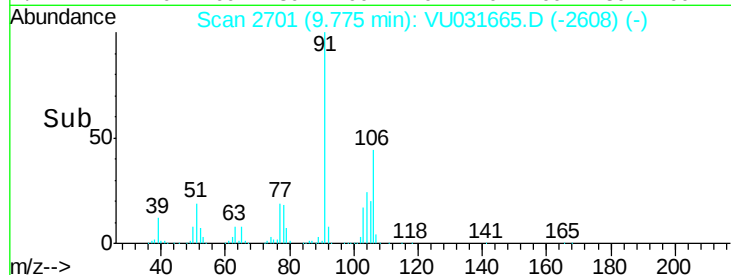
600000

400000

200000

9.77

Time-->



#55

Styrene

Concen: 36.396 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031665.D

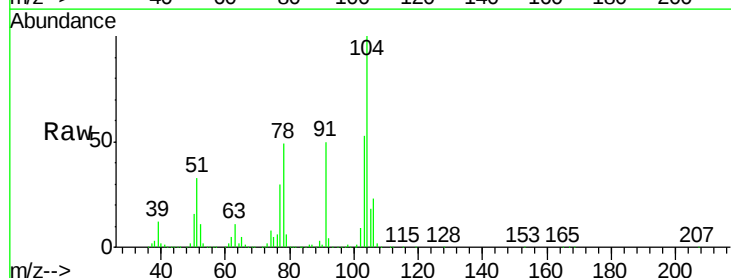
Acq: 01 May 2019 04:08

Tgt Ion:104 Resp: 765088

Ion Ratio Lower Upper

104 100

78 48.6 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

500000

400000

300000

200000

100000

9.79

Time-->

