

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU050219\
 Data File : VU031704.D
 Acq On : 02 May 2019 12:02
 Operator : JC/SP
 Sample : K2603-17 25X
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ69

Quant Time: May 14 08:39:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 04:37:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1006550	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	945715	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	442133	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	226268	26.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.72%#
7) Chloroethane-d5	1.68	69	200710	30.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.66%#
11) 1,1-Dichloroethene-d2	2.27	63	375085	22.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.72%#
21) 2-Butanone-d5	4.19	46	732122	95.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.92%
24) Chloroform-d	4.64	84	544631	35.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.60%
26) 1,2-Dichloroethane-d4	5.31	65	370057	36.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.42%
32) Benzene-d6	5.33	84	1075651	37.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.08%
36) 1,2-Dichloropropane-d6	6.32	67	401488	39.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.60%
41) Toluene-d8	7.56	98	919171	36.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.68%#
43) trans-1,3-Dichloropropene-	7.85	79	166635	37.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.98%
47) 2-Hexanone-d5	8.31	63	502691	113.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	573067	41.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	370761	39.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.74%#

Target Compounds

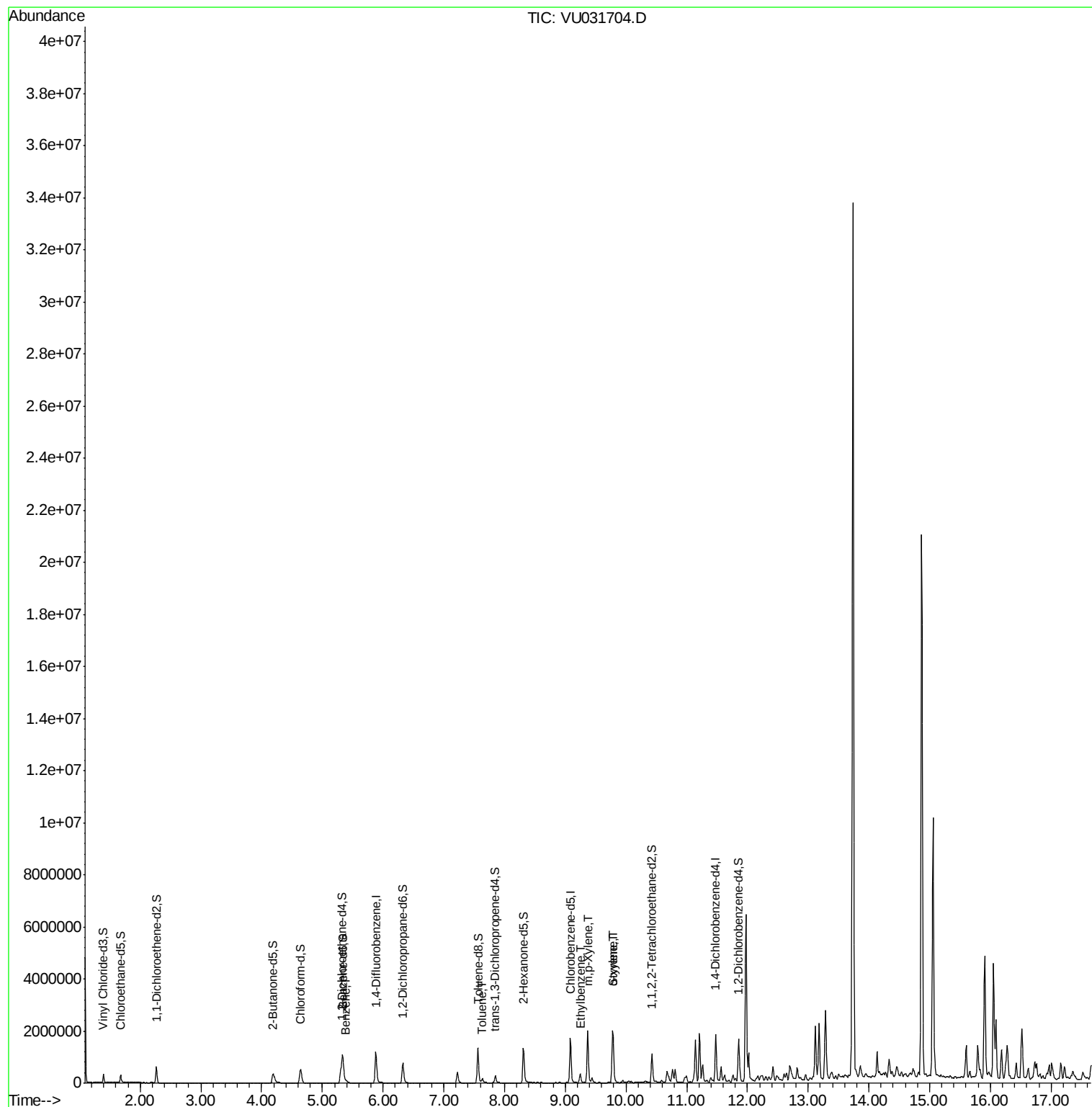
					Ovalue
33) Benzene	5.39	78	91211	2.623	ug/L 100
42) Toluene	7.64	91	116407	3.361	ug/L 97
52) Ethylbenzene	9.25	91	262354	7.302	ug/L 98
53) m,p-Xylene	9.37	106	568278	45.398	ug/L 96
54) o-xylene	9.77	106	269714	21.733	ug/L 96
55) Styrene	9.79	104	715072	33.726	ug/L 95

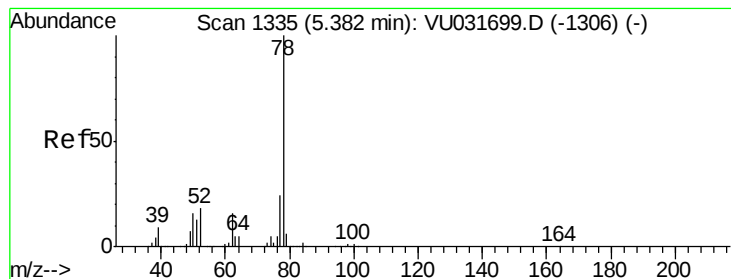
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 2.623 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VU031704.D

Acq: 02 May 2019 12:02

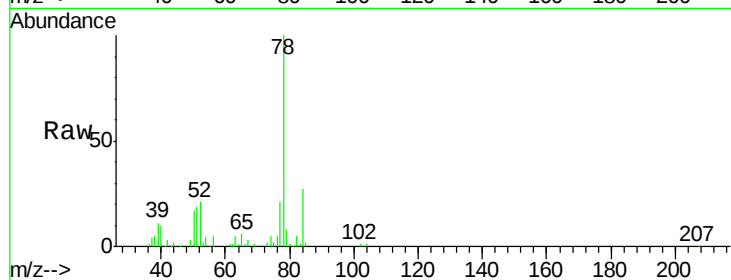
Instrument :

MSVOA_U

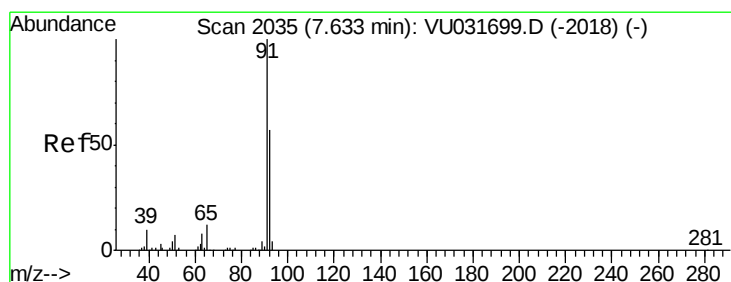
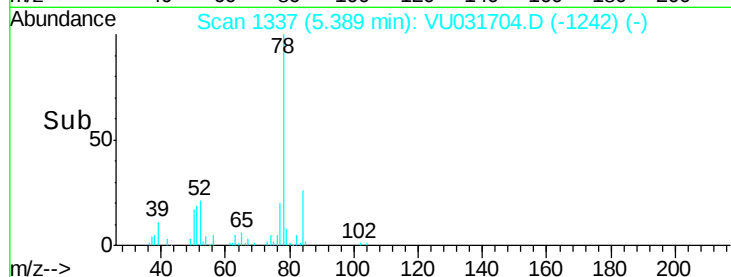
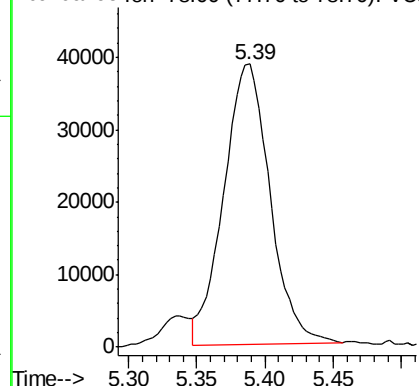
ClientSampleId :

GAJ69

Tgt Ion: 78 Resp: 91211



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 3.361 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031704.D

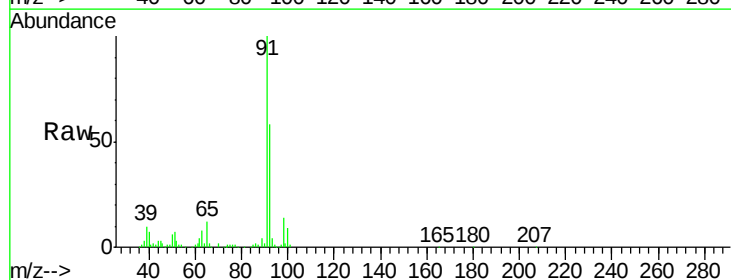
Acq: 02 May 2019 12:02

Tgt Ion: 91 Resp: 116407

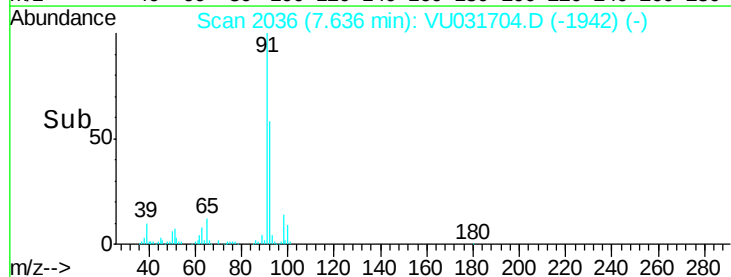
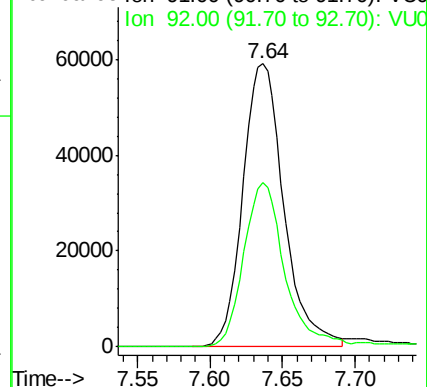
Ion Ratio Lower Upper

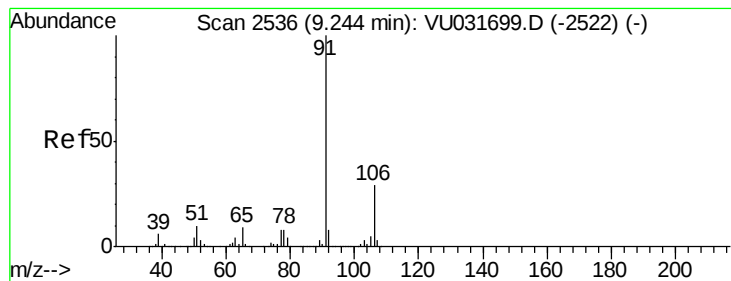
91 100

92 58.1 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU0





#52

Ethylbenzene

Concen: 7.302 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031704.D

Acq: 02 May 2019 12:02

Instrument :

MSVOA_U

ClientSampleId :

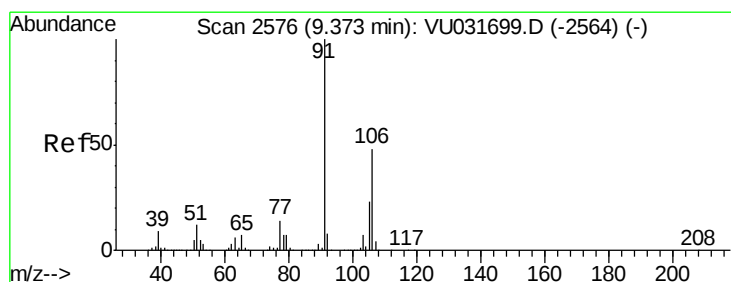
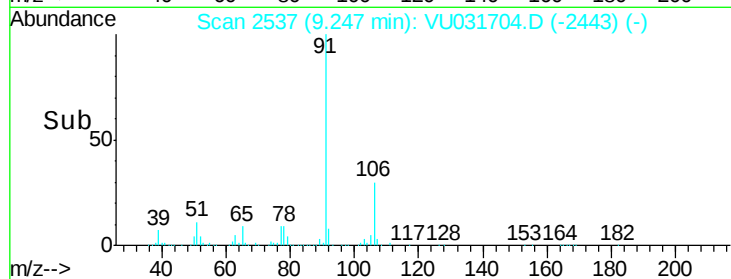
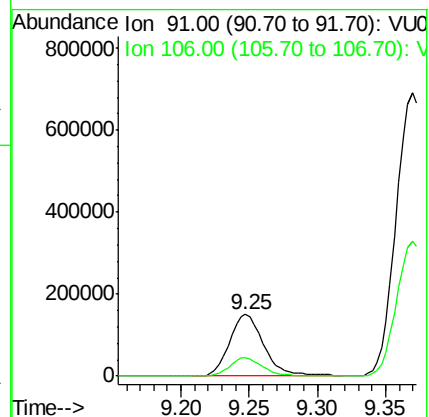
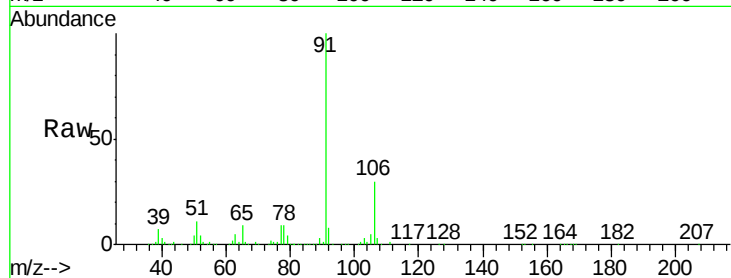
GAJ69

Tot Ion: 91 Resp: 262354

Ion Ratio Lower Upper

91 100

106 30.1 20.4 37.8



#53

m,p-Xylene

Concen: 45.398 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031704.D

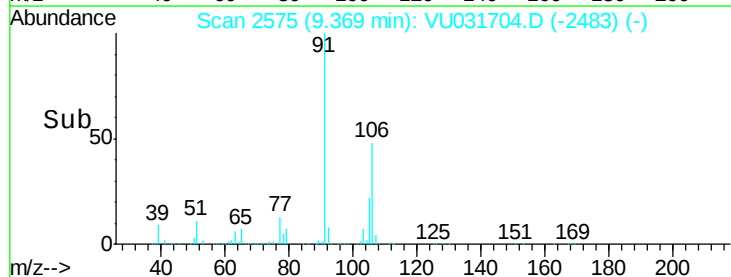
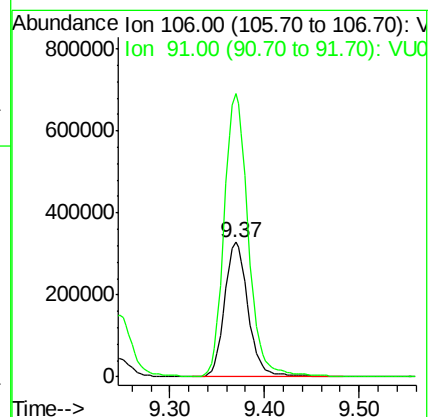
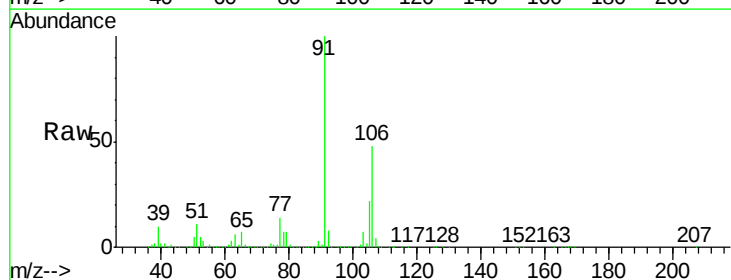
Acq: 02 May 2019 12:02

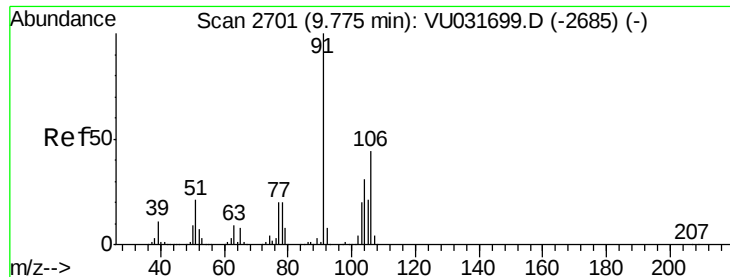
Tgt Ion: 106 Resp: 568278

Ion Ratio Lower Upper

106 100

91 210.5 152.2 282.6





#54

o-xylene

Concen: 21.733 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU031704.D

Acq: 02 May 2019 12:02

Instrument :

MSVOA_U

ClientSampled :

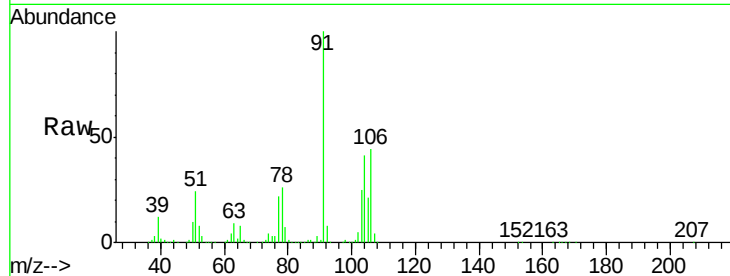
GAJ69

Tot Ion:106 Resp: 269714

Ion Ratio Lower Upper

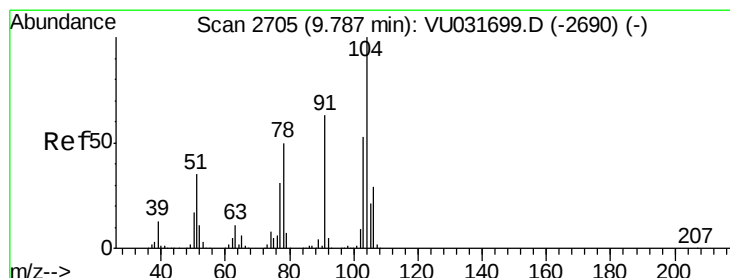
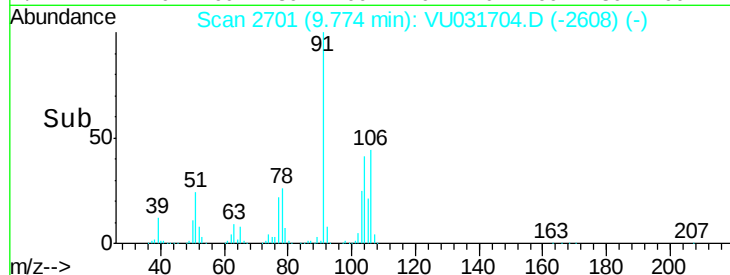
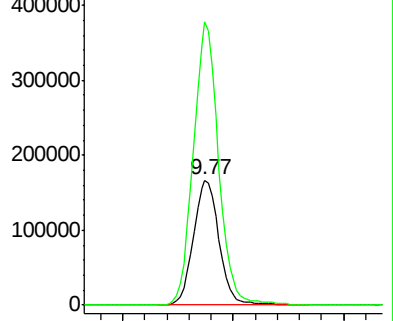
106 100

91 226.2 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 33.726 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031704.D

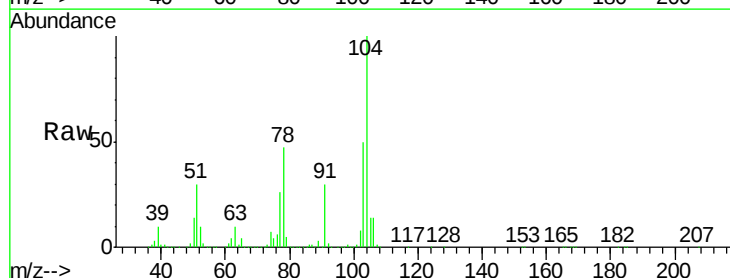
Acq: 02 May 2019 12:02

Tgt Ion:104 Resp: 715072

Ion Ratio Lower Upper

104 100

78 46.8 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

