

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037535.D
 Acq On : 01 Apr 2020 21:15
 Operator : JC/MD
 Sample : L2065-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBF10

Quant Time: Apr 02 02:26:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 02 01:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	81832	5.00	ug/L	0.01
28) Chlorobenzene-d5	9.44	117	78010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	37187	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20184	2.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.80%
7) Chloroethane-d5	1.93	69	20482	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.59	63	29800	2.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.00%#
20) 2-Butanone-d5	4.75	46	75373	40.52	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.04%
24) Chloroform-d	5.13	84	45428	3.87	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.76	65	23876	3.68	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
32) Benzene-d6	5.78	84	86965	3.61	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.20%
36) 1,2-Dichloropropane-d6	6.74	67	30826	3.90	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	7.93	98	76054	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
43) trans-1,3-Dichloropropene-	8.21	79	11509	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	8.67	63	71691	41.66	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	26916	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	29701	3.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.60%#

Target Compounds

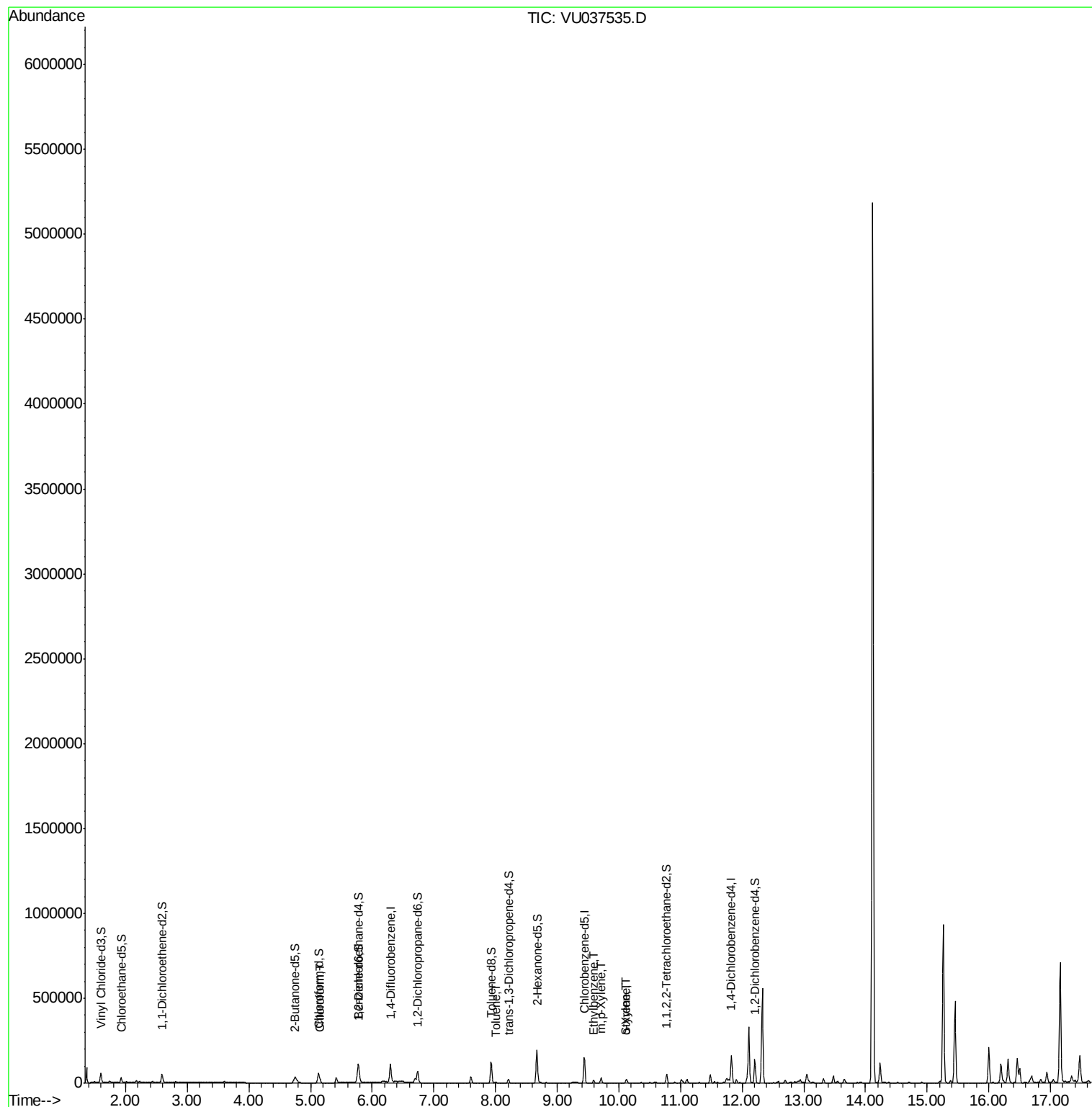
					Ovalue
25) Chloroform	5.15	83	11098	0.976 ug/L	96
42) Toluene	8.00	91	3657	0.139 ug/L	85
52) Ethylbenzene	9.59	91	12256	0.409 ug/L	98
53) m,p-Xylene	9.71	106	8520	0.756 ug/L	94
54) o-Xylene	10.12	106	4006	0.369 ug/L	82
55) Styrene	10.13	104	2757	0.147 ug/L #	71

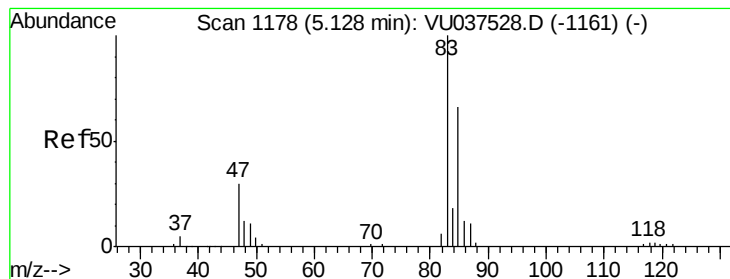
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 02 02:26:18 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 02 01:37:22 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 0.976 ug/L

RT: 5.15 min Scan# 1186

Delta R.T. 0.03 min

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Acq: 01 Apr 2020 21:15

Instrument :

MSVOA_U

ClientSampleId :

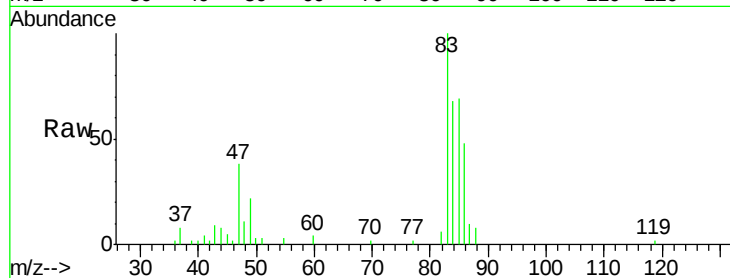
DBF10

Tot Ion: 83 Resp: 11098

Ion Ratio Lower Upper

83 100

85 68.9 45.8 85.2



Abundance Ion 83.05 (82.75 to 83.75): VU037528.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU037528.D (-1161) (-)

5.15

6000

5000

4000

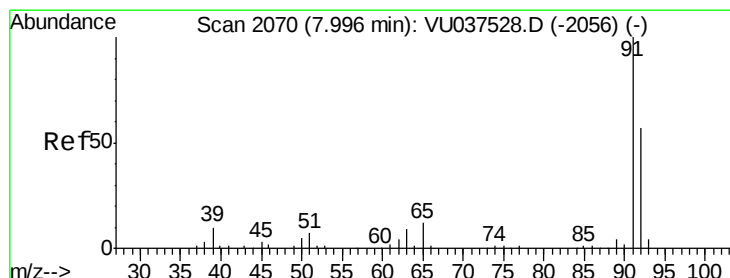
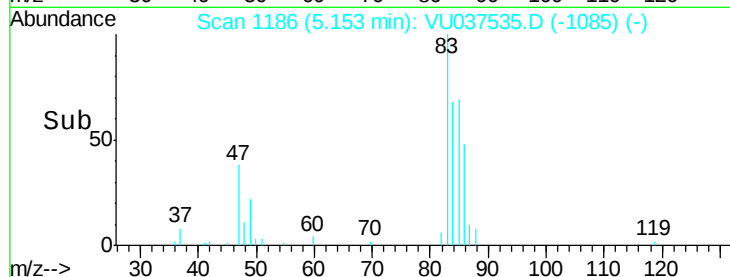
3000

2000

1000

0

Time-->



#42

Toluene

Concen: 0.139 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VU037535.D

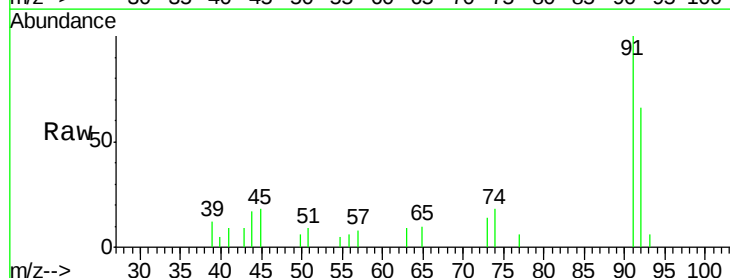
Acq: 01 Apr 2020 21:15

Tgt Ion: 91 Resp: 3657

Ion Ratio Lower Upper

91 100

92 66.3 38.6 71.8



Abundance Ion 91.15 (90.85 to 91.85): VU037528.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU037528.D (-2056) (-)

8.00

2500

2000

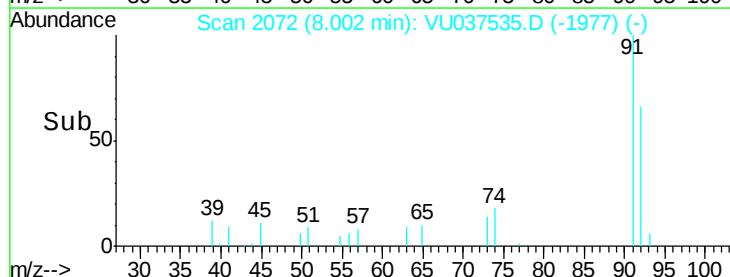
1500

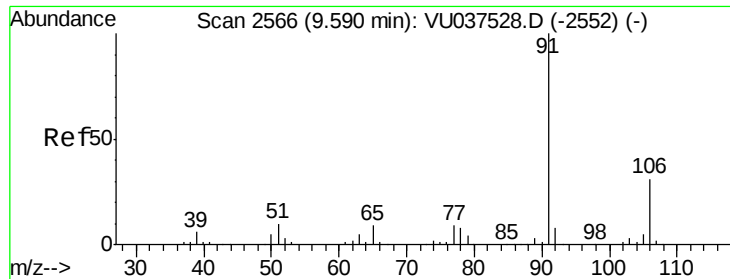
1000

500

0

Time-->





#52

Ethylbenzene

Concen: 0.409 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU037535.D

Acq: 01 Apr 2020 21:15

Instrument :

MSVOA_U

ClientSampleId :

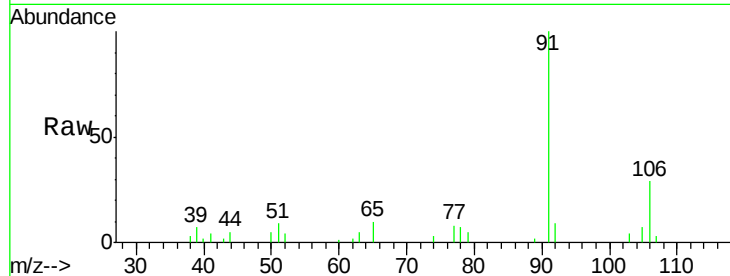
DBF10

Tot Ion: 91 Resp: 12256

Ion Ratio Lower Upper

91 100

106 29.0 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VU037528.D (-2552) (-)

Ion 106.15 (105.85 to 106.85): VU037528.D (-2552) (-)

9.59

8000

6000

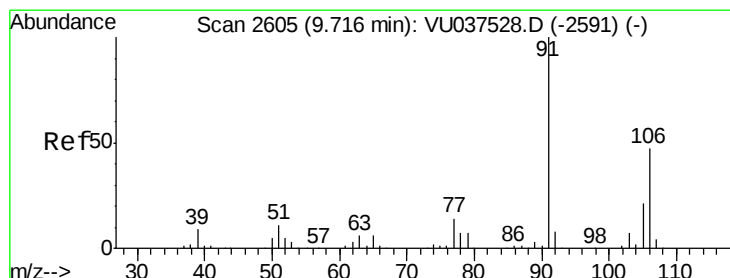
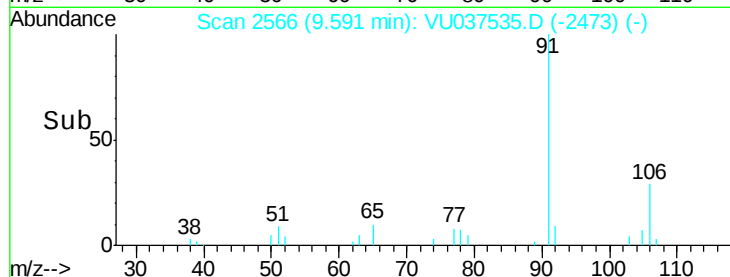
4000

2000

0

9.55 9.60 9.65

Time-->



#53

m,p-Xylene

Concen: 0.756 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU037535.D

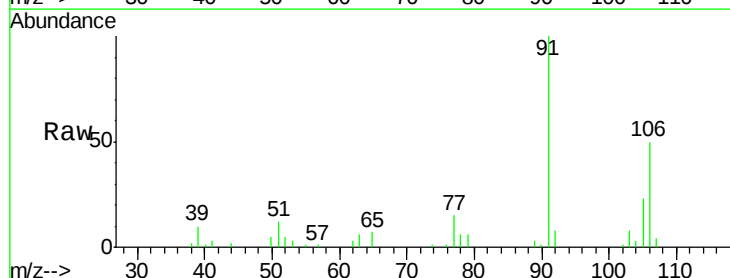
Acq: 01 Apr 2020 21:15

Tgt Ion: 106 Resp: 8520

Ion Ratio Lower Upper

106 100

91 200.5 147.4 273.8



Abundance Ion 106.15 (105.85 to 106.85): VU037528.D (-2591) (-)

Ion 91.15 (90.85 to 91.85): VU037528.D (-2591) (-)

9.71

12000

10000

8000

6000

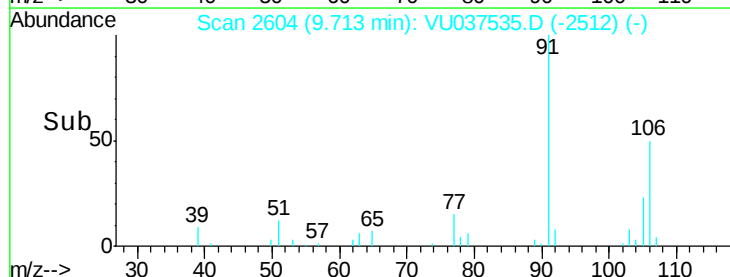
4000

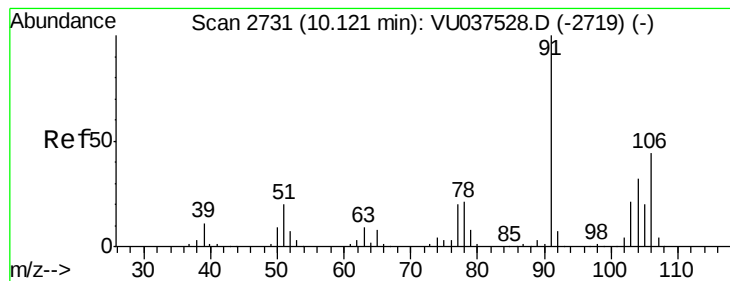
2000

0

9.65 9.70 9.75

Time-->





#54

o-Xylene

Concen: 0.369 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VU037535.D

Acq: 01 Apr 2020 21:15

Instrument :

MSVOA_U

ClientSampleId :

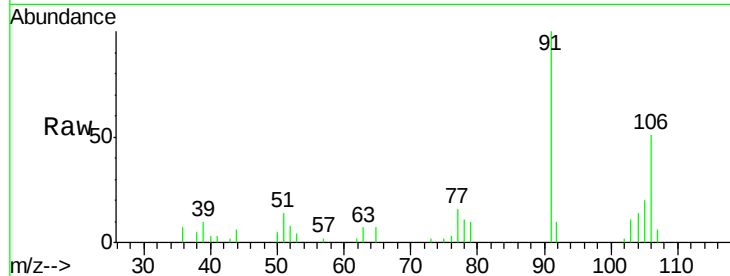
DBF10

Tot Ion:106 Resp: 4006

Ion Ratio Lower Upper

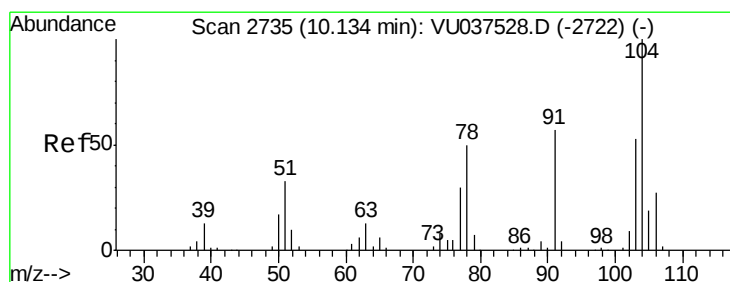
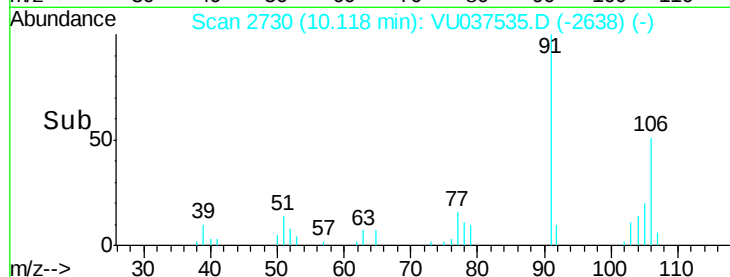
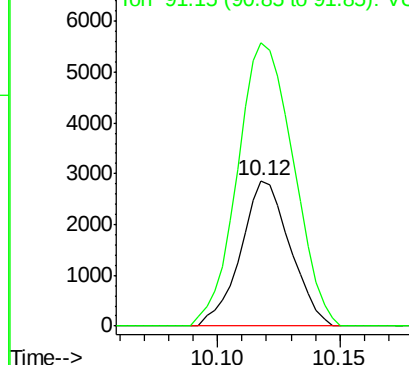
106 100

91 195.0 156.8 291.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.147 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU037535.D

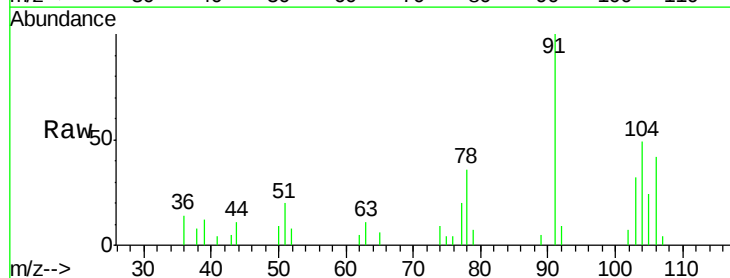
Acq: 01 Apr 2020 21:15

Tgt Ion:104 Resp: 2757

Ion Ratio Lower Upper

104 100

78 72.1 36.1 67.1#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

