

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038804.D
 Acq On : 11 Jun 2020 03:01
 Operator : SY/MD
 Sample : L2915-11 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E19

Quant Time: Jun 11 07:41:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 07:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	574611	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	553613	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	260441	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	174897	54.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.96%
7) Chloroethane-d5	1.93	69	142680	57.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.58%
11) 1,1-Dichloroethene-d2	2.59	63	274698	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.52%
21) 2-Butanone-d5	4.66	46	368012	117.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.83%
24) Chloroform-d	5.10	84	361439	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	5.74	65	251702	54.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.72%
32) Benzene-d6	5.76	84	729815	54.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.46%
36) 1,2-Dichloropropane-d6	6.72	67	224070	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.04%
41) Toluene-d8	7.92	98	626689	52.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	8.20	79	106360	51.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.80%
47) 2-Hexanone-d5	8.65	63	258659	118.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	325696	53.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.26%
64) 1,2-Dichlorobenzene-d4	12.20	152	258361	57.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.28%

Target Compounds

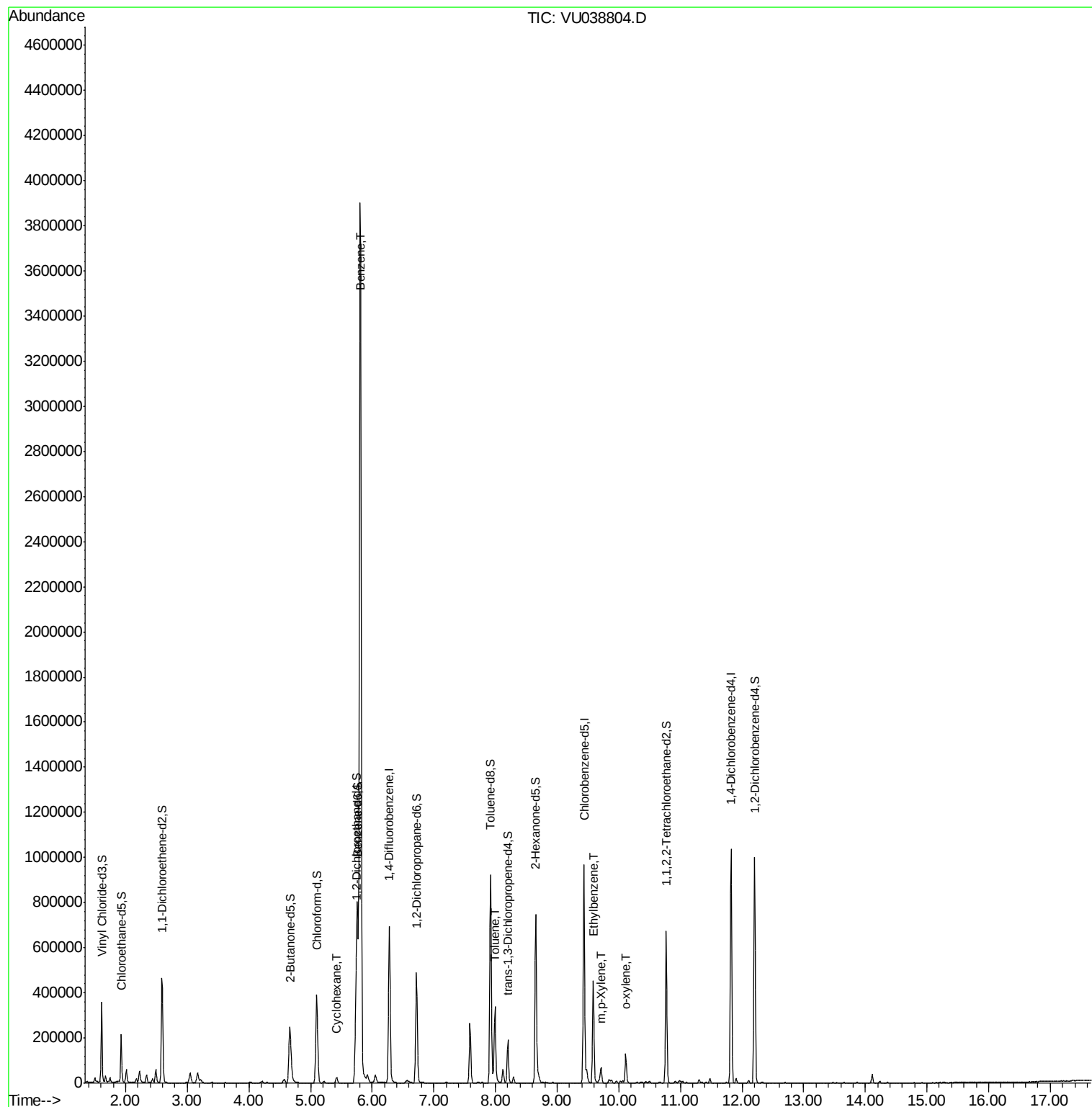
					Ovalue
29) Cyclohexane	5.42	56	10427	1.646	ug/L 92
33) Benzene	5.81	78	3708033	225.552	ug/L 100
42) Toluene	7.99	91	251729	14.644	ug/L 100
52) Ethylbenzene	9.59	91	324171	17.088	ug/L 99
53) m,p-Xylene	9.71	106	17894	2.457	ug/L 98
54) o-xylene	10.11	106	35004	4.951	ug/L 99

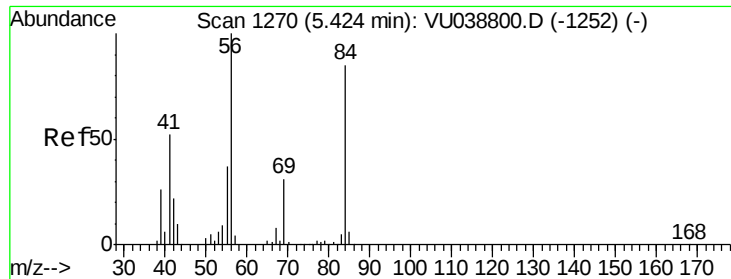
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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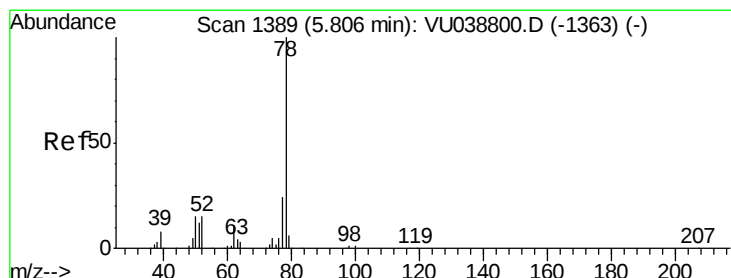
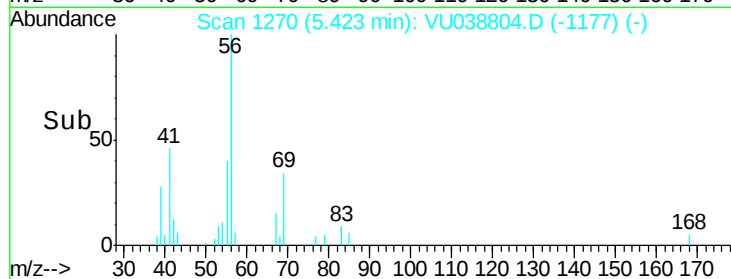
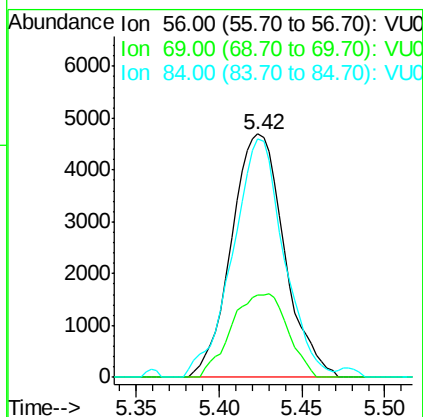
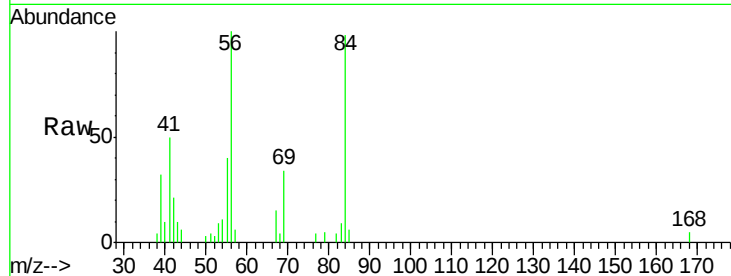




#29
Cyclohexane
Concen: 1.646 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038804.D
Acq: 11 Jun 2020 03:01

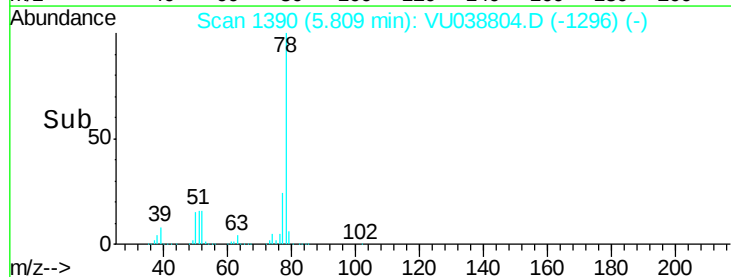
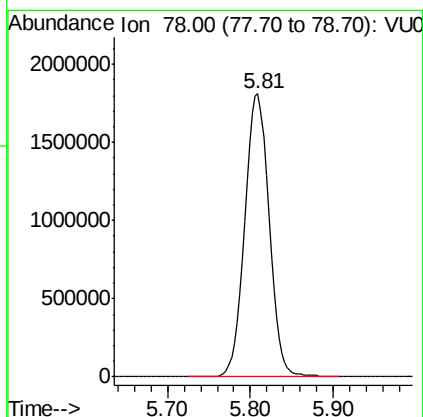
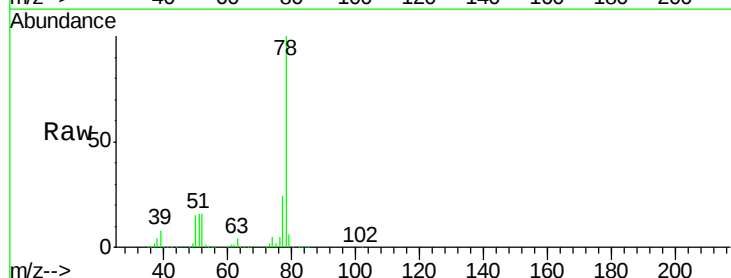
Instrument :
MSVOA_U
ClientSampleId :
F9E19

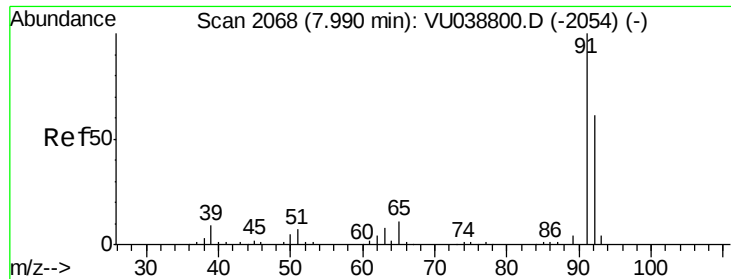
Tot Ion: 56 Resp: 10427
Ion Ratio Lower Upper
56 100
69 36.3 25.1 37.7
84 94.7 70.5 105.7



#33
Benzene
Concen: 225.552 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038804.D
Acq: 11 Jun 2020 03:01

Tgt Ion: 78 Resp: 3708033





#42

Toluene

Concen: 14.644 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038804.D

Acq: 11 Jun 2020 03:01

Instrument :

MSVOA_U

ClientSampleId :

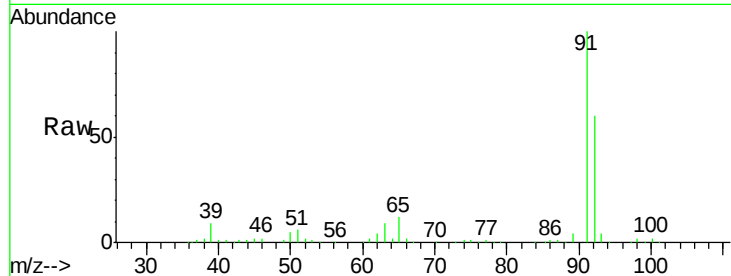
F9E19

Tot Ion: 91 Resp: 251729

Ion Ratio Lower Upper

91 100

92 60.1 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038804.D (-1975) (-)

Ion 92.00 (91.70 to 92.70): VU038804.D (-1975) (-)

7.99

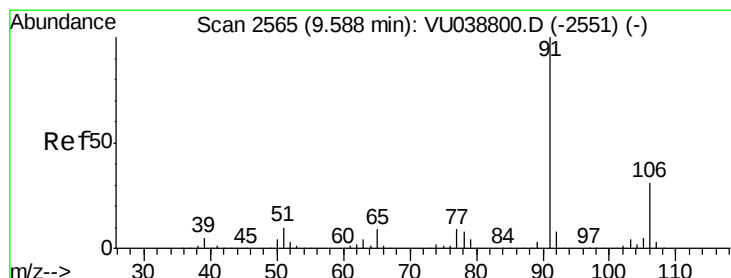
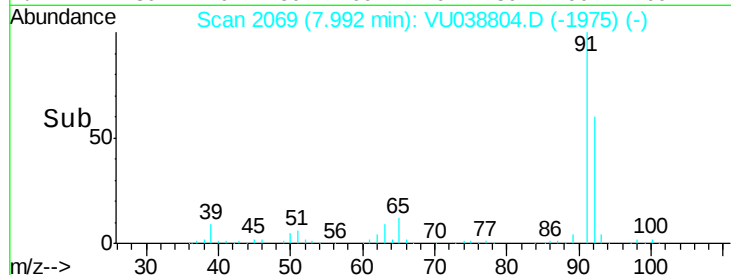
150000

100000

50000

0

Time-->



#52

Ethylbenzene

Concen: 17.088 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038804.D

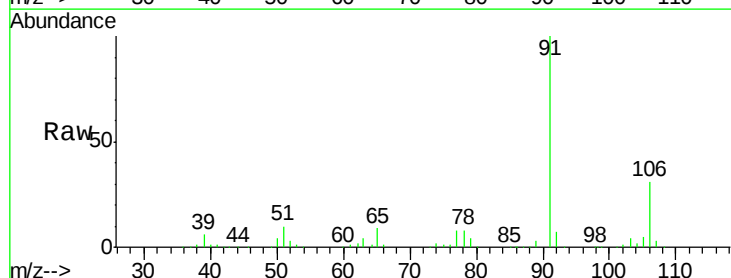
Acq: 11 Jun 2020 03:01

Tgt Ion: 91 Resp: 324171

Ion Ratio Lower Upper

91 100

106 31.2 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038804.D (-2472) (-)

Ion 106.00 (105.70 to 106.70): VU038804.D (-2472) (-)

9.59

200000

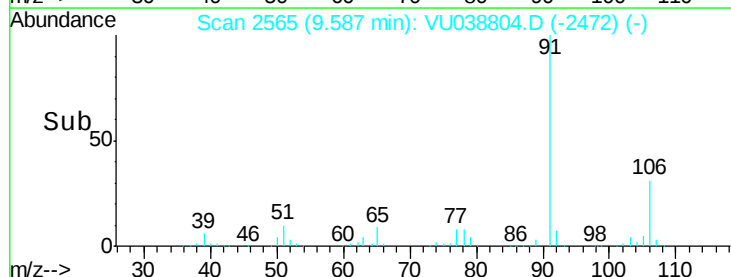
150000

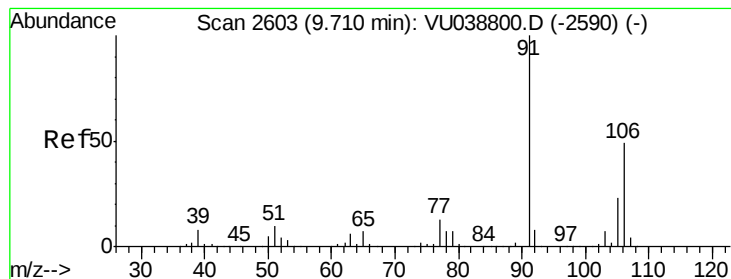
100000

50000

0

Time-->





#53

m,p-Xylene

Concen: 2.457 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038804.D

Acq: 11 Jun 2020 03:01

Instrument :

MSVOA_U

ClientSampleId :

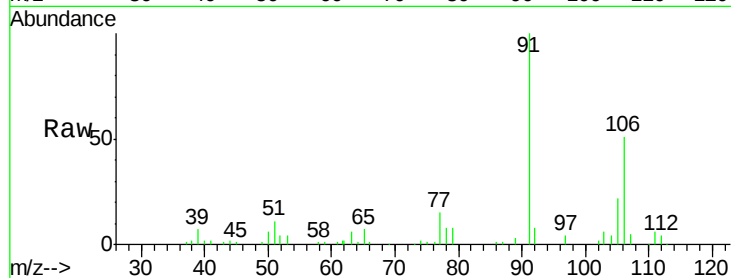
F9E19

Tot Ion:106 Resp: 17894

Ion Ratio Lower Upper

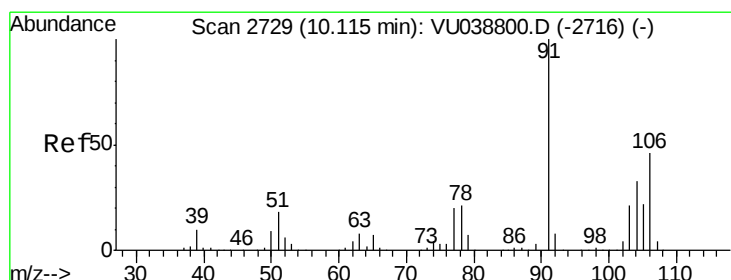
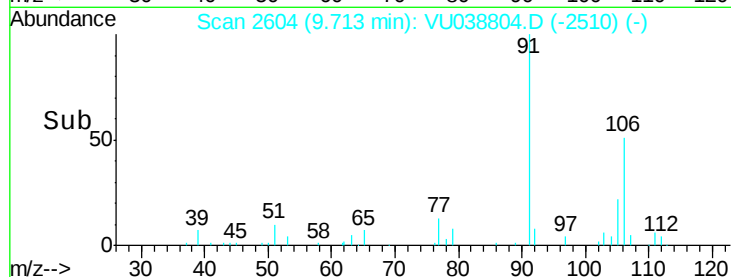
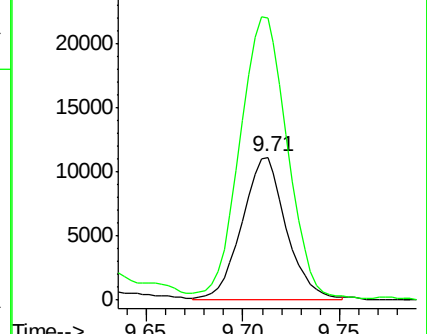
106 100

91 196.9 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 4.951 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU038804.D

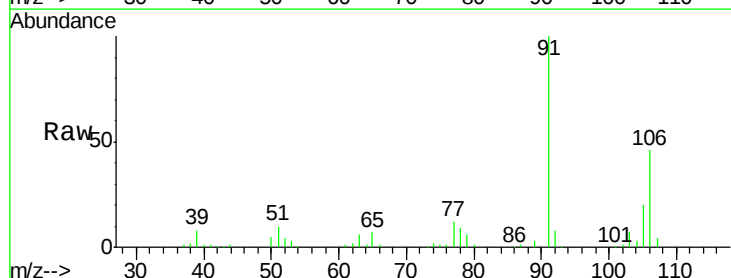
Acq: 11 Jun 2020 03:01

Tgt Ion:106 Resp: 35004

Ion Ratio Lower Upper

106 100

91 218.2 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

