

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038756.D
 Acq On : 10 Jun 2020 04:43
 Operator : SY/MD
 Sample : L2913-05DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D84DL

Quant Time: Jun 10 07:05:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 06:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	528660	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	511603	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	242934	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129192	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.48%
7) Chloroethane-d5	1.93	69	117175	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.28%
11) 1,1-Dichloroethene-d2	2.59	63	215777	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	4.66	46	334719	116.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.49%
24) Chloroform-d	5.10	84	324465	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
26) 1,2-Dichloroethane-d4	5.74	65	227404	53.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.76%
32) Benzene-d6	5.76	84	639202	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
36) 1,2-Dichloropropane-d6	6.72	67	202472	53.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.62%
41) Toluene-d8	7.92	98	540629	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%
43) trans-1,3-Dichloropropene-	8.20	79	95336	49.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.72%
47) 2-Hexanone-d5	8.65	63	238766	118.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	304498	53.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.50%
64) 1,2-Dichlorobenzene-d4	12.20	152	232442	55.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.22%

Target Compounds

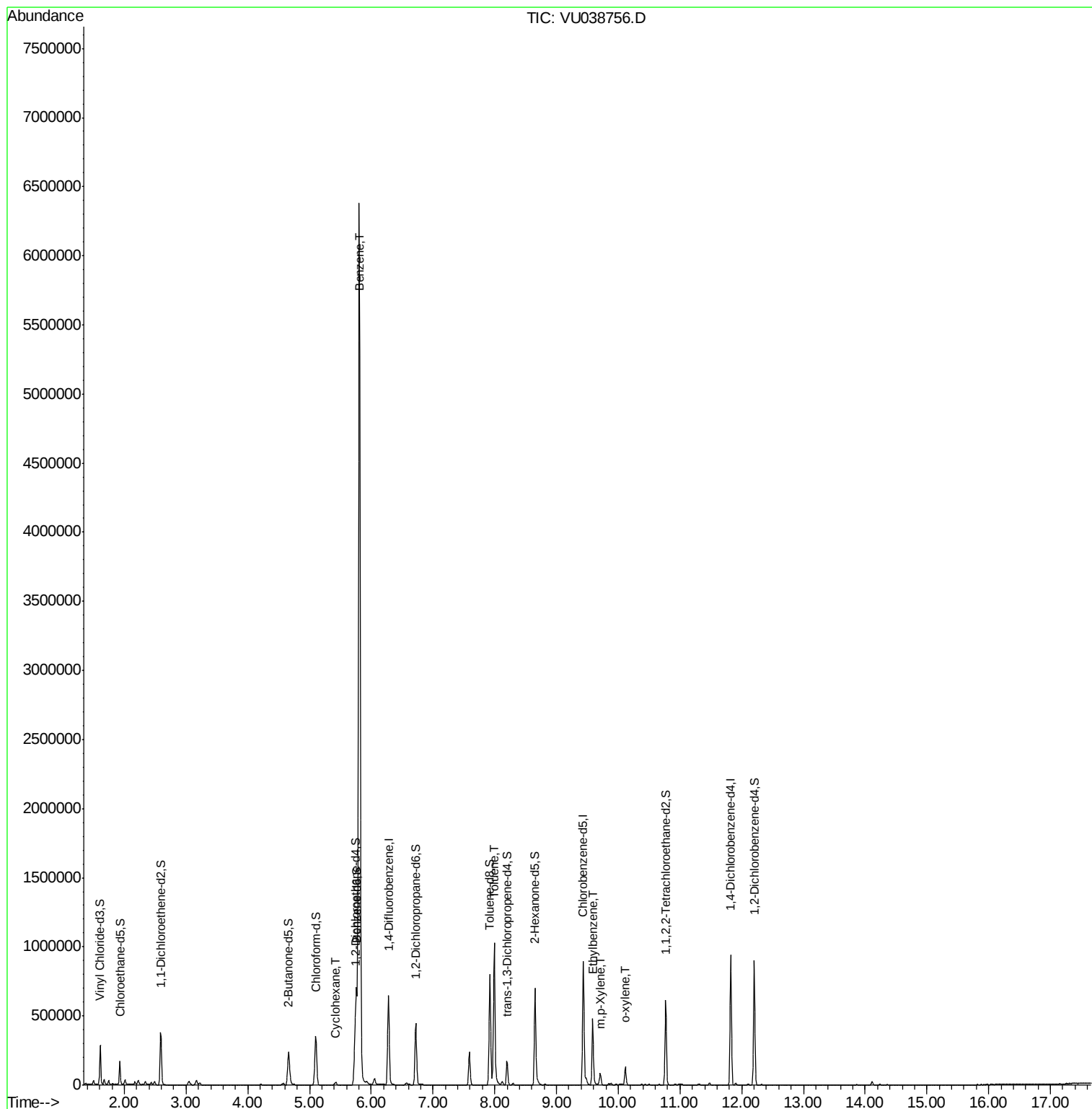
					Ovalue
29) Cyclohexane	5.42	56	9059	1.548 ug/L	# 91
33) Benzene	5.81	78	6034948	397.236 ug/L	100
42) Toluene	7.99	91	772562	48.634 ug/L	99
52) Ethylbenzene	9.59	91	347603	19.827 ug/L	99
53) m,p-Xylene	9.71	106	25387	3.772 ug/L	88
54) o-xylene	10.11	106	34273	5.246 ug/L	96

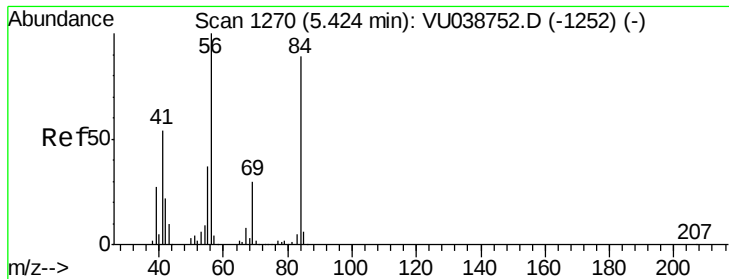
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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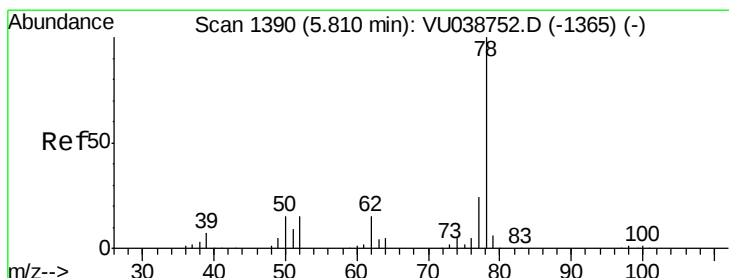
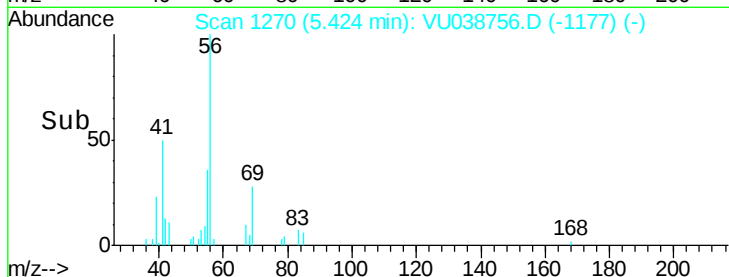
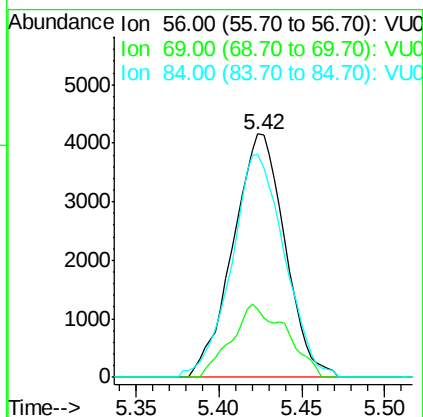
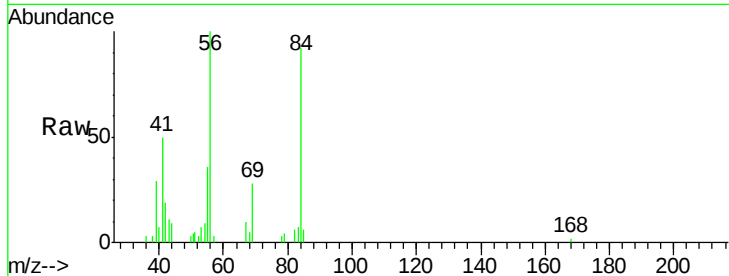




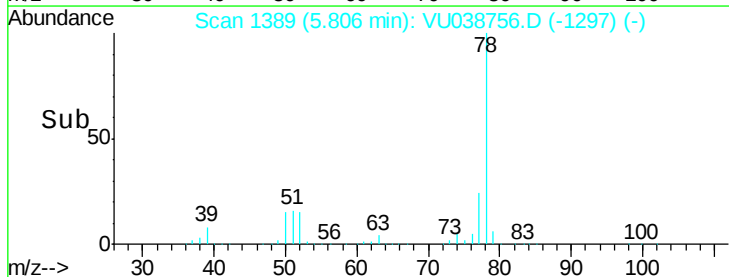
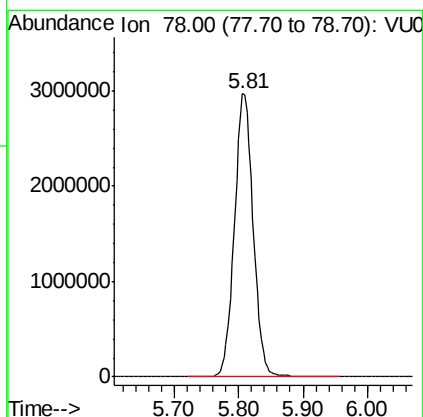
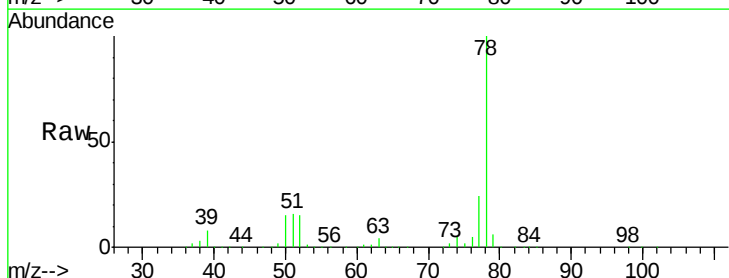
#29
Cyclohexane
Concen: 1.548 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038756.D
Acq: 10 Jun 2020 04:43

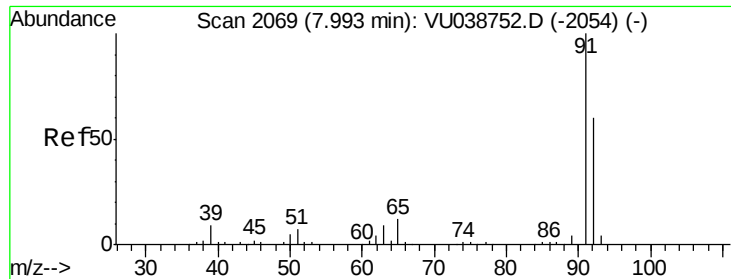
Instrument :
MSVOA_U
ClientSampleId :
F9D84DL

Tot Ion: 56 Resp: 9059
Ion Ratio Lower Upper
56 100
69 22.3 25.1 37.7#
84 93.4 70.5 105.7



#33
Benzene
Concen: 397.236 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU038756.D
Acq: 10 Jun 2020 04:43
Tgt Ion: 78 Resp: 6034948





#42

Toluene

Concen: 48.634 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038756.D

Acq: 10 Jun 2020 04:43

Instrument :

MSVOA_U

ClientSampleId :

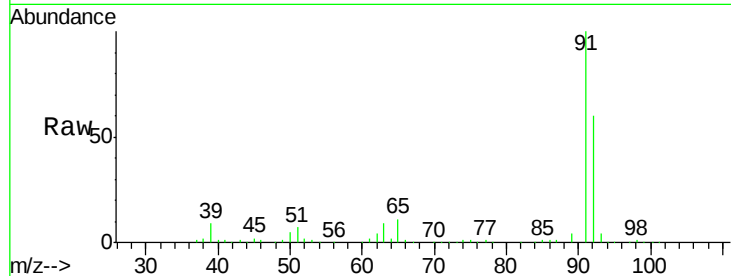
F9D84DL

Tot Ion: 91 Resp: 772562

Ion Ratio Lower Upper

91 100

92 59.7 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

7.99

400000

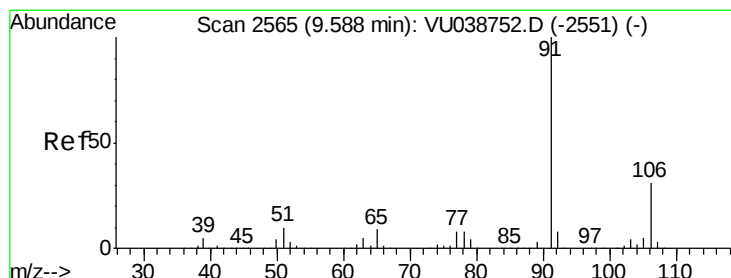
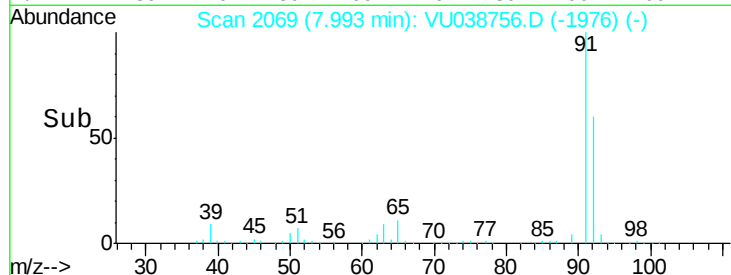
300000

200000

100000

0

Time-->



#52

Ethylbenzene

Concen: 19.827 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038756.D

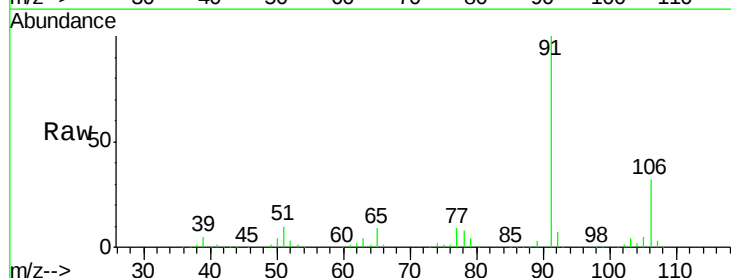
Acq: 10 Jun 2020 04:43

Tgt Ion: 91 Resp: 347603

Ion Ratio Lower Upper

91 100

106 31.5 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

250000

200000

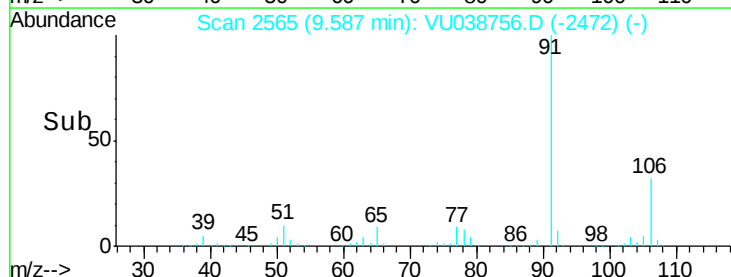
150000

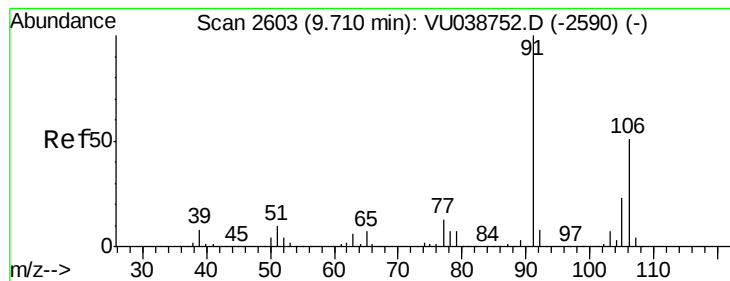
100000

50000

0

Time-->





#53

m,p-Xylene

Concen: 3.772 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038756.D

Acq: 10 Jun 2020 04:43

Instrument :

MSVOA_U

ClientSampleId :

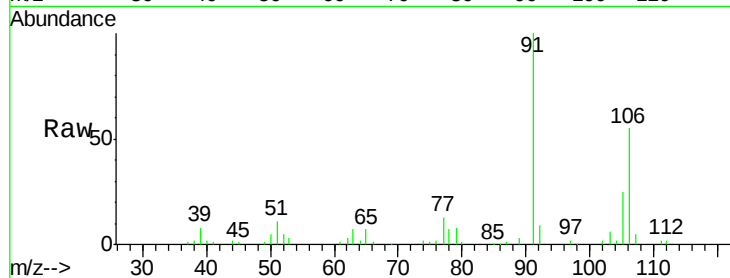
F9D84DL

Tot Ion:106 Resp: 25387

Ion Ratio Lower Upper

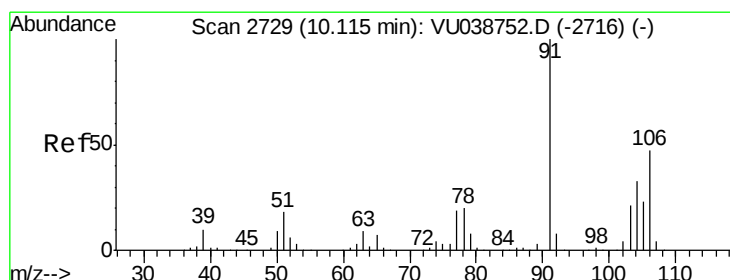
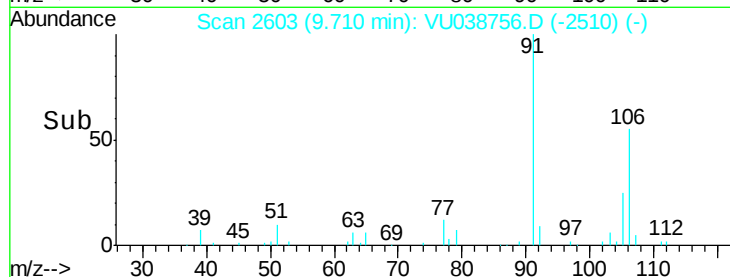
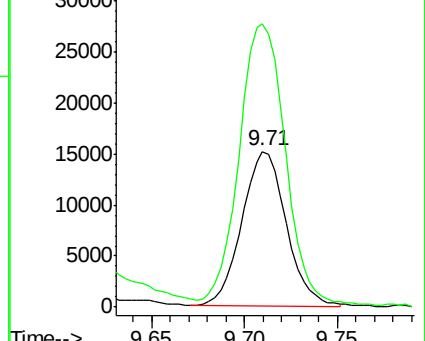
106 100

91 181.5 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 5.246 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU038756.D

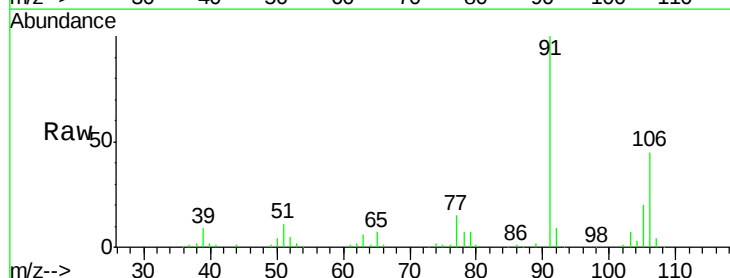
Acq: 10 Jun 2020 04:43

Tgt Ion:106 Resp: 34273

Ion Ratio Lower Upper

106 100

91 222.0 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

