

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038808.D
 Acq On : 11 Jun 2020 04:29
 Operator : SY/MD
 Sample : L2915-15 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E23

Quant Time: Jun 11 07:57:17 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	571398	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	556378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	265274	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	180314	56.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.96%
7) Chloroethane-d5	1.93	69	146987	59.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.70%
11) 1,1-Dichloroethene-d2	2.59	63	285213	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
21) 2-Butanone-d5	4.66	46	380473	122.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.50%
24) Chloroform-d	5.10	84	373637	54.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.56%
26) 1,2-Dichloroethane-d4	5.74	65	255520	56.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.02%
32) Benzene-d6	5.76	84	753682	56.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.48%
36) 1,2-Dichloropropane-d6	6.72	67	231126	55.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.92%
41) Toluene-d8	7.92	98	651314	53.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.56%
43) trans-1,3-Dichloropropene-	8.20	79	109382	52.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.20%
47) 2-Hexanone-d5	8.65	63	266171	121.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	330809	53.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.38%
64) 1,2-Dichlorobenzene-d4	12.20	152	263095	57.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.24%

Target Compounds

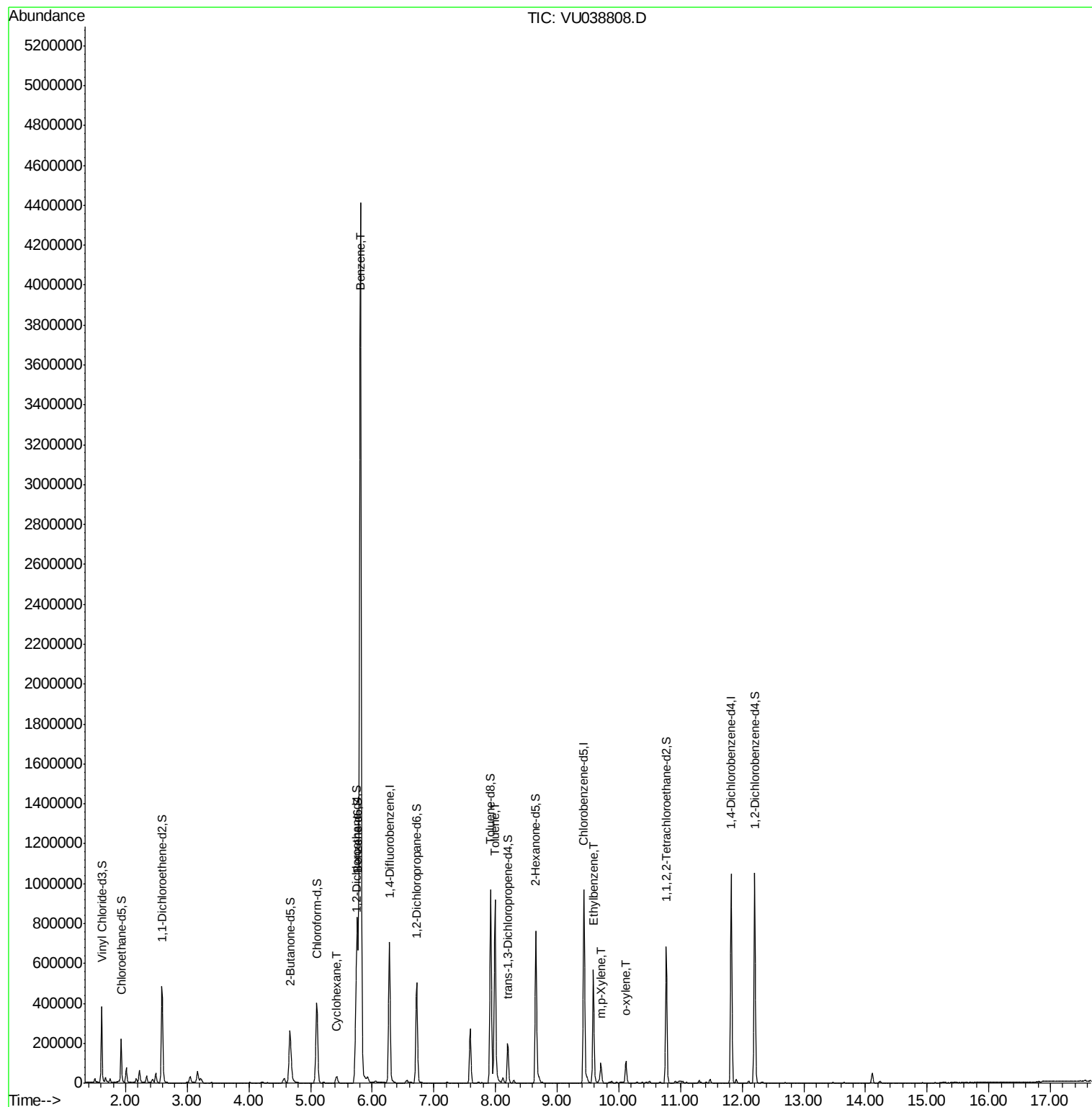
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	5.43	56	15029	2.361	ug/L	92
33) Benzene	5.81	78	4182318	253.137	ug/L	100
42) Toluene	7.99	91	689393	39.906	ug/L	99
52) Ethylbenzene	9.59	91	408044	21.402	ug/L	99
53) m,p-Xylene	9.71	106	26817	3.664	ug/L	95
54) o-xylene	10.11	106	30143	4.243	ug/L	97

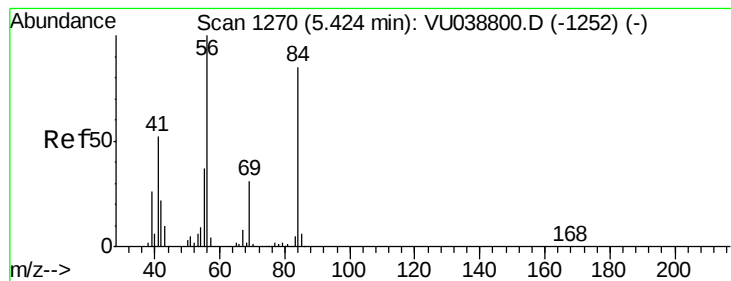
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 07:12:16 2020
Response via : Initial Calibration





#29

Cyclohexane

Concen: 2.361 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038808.D

Acq: 11 Jun 2020 04:29

Instrument :

MSVOA_U

ClientSampleId :

F9E23

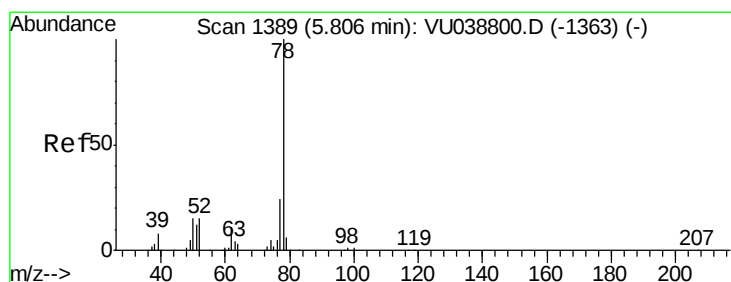
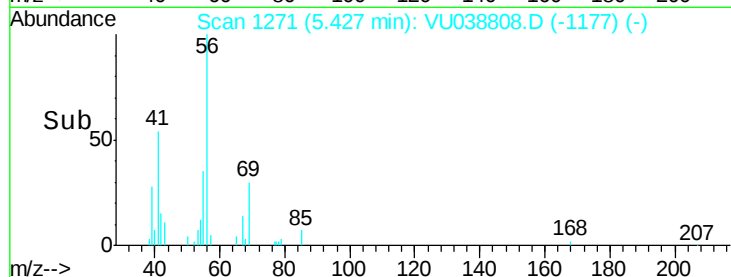
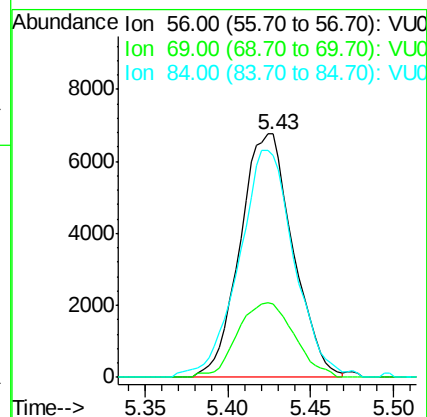
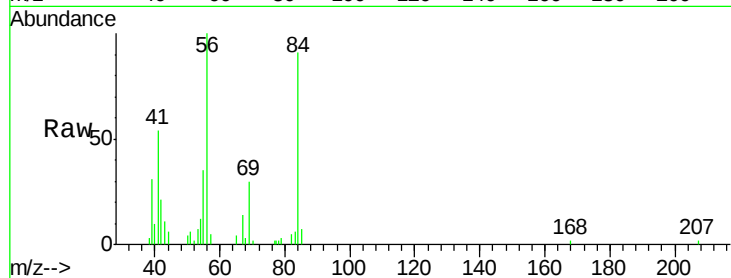
Tot Ion: 56 Resp: 15029

Ion Ratio Lower Upper

56 100

69 32.8 25.1 37.7

84 96.9 70.5 105.7



#33

Benzene

Concen: 253.137 ug/L

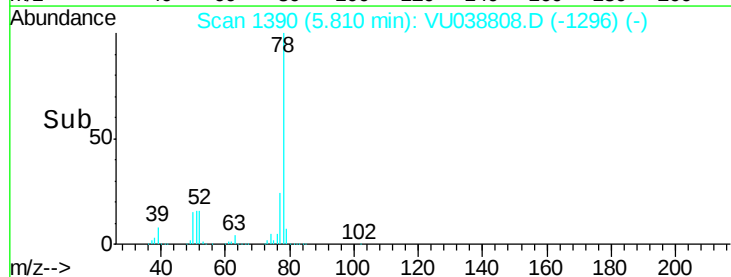
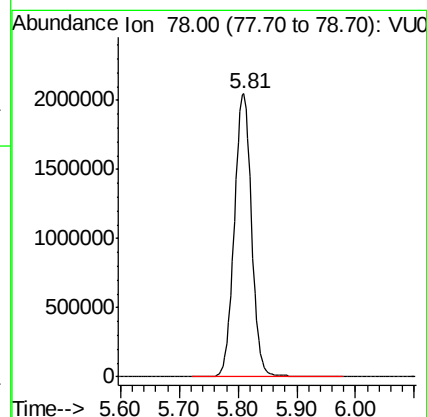
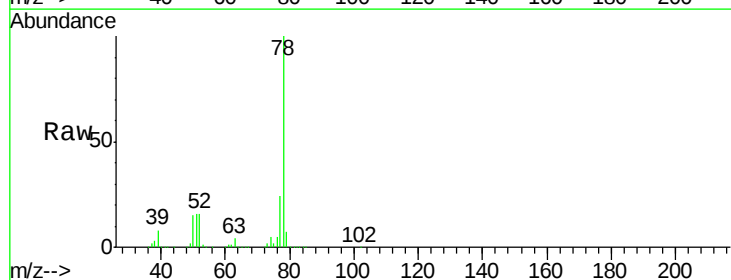
RT: 5.81 min Scan# 1390

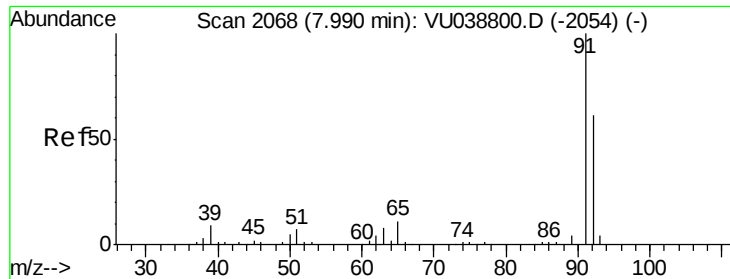
Delta R.T. 0.00 min

Lab File: VU038808.D

Acq: 11 Jun 2020 04:29

Tgt Ion: 78 Resp: 4182318





#42

Toluene

Concen: 39.906 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038808.D

Acq: 11 Jun 2020 04:29

Instrument :

MSVOA_U

ClientSampleId :

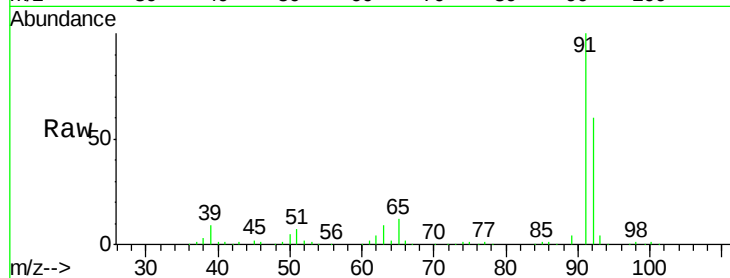
F9E23

Tot Ion: 91 Resp: 689393

Ion Ratio Lower Upper

91 100

92 59.6 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038808.D (-2054) (-)

Ion 92.00 (91.70 to 92.70): VU038808.D (-2054) (-)

7.99

400000

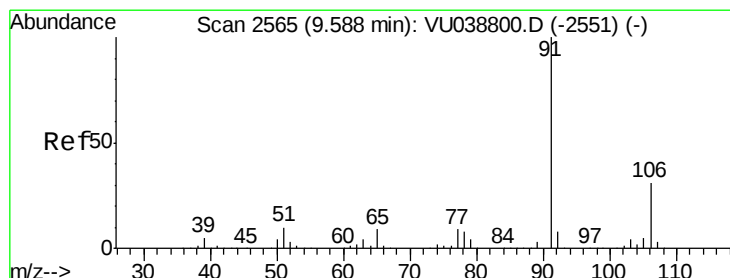
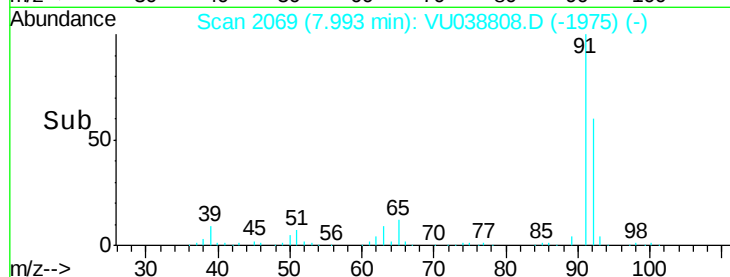
300000

200000

100000

0

Time-->



#52

Ethylbenzene

Concen: 21.402 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. 0.00 min

Lab File: VU038808.D

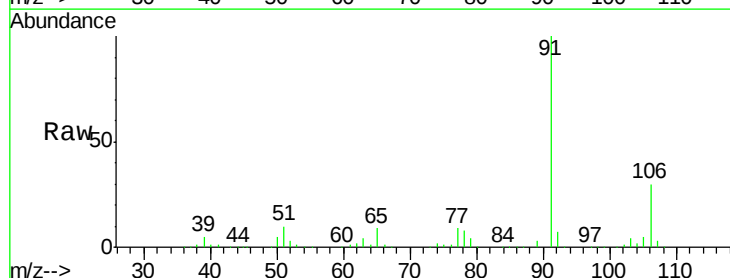
Acq: 11 Jun 2020 04:29

Tgt Ion: 91 Resp: 408044

Ion Ratio Lower Upper

91 100

106 30.3 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038808.D (-2551) (-)

Ion 106.00 (105.70 to 106.70): VU038808.D (-2551) (-)

9.59

250000

200000

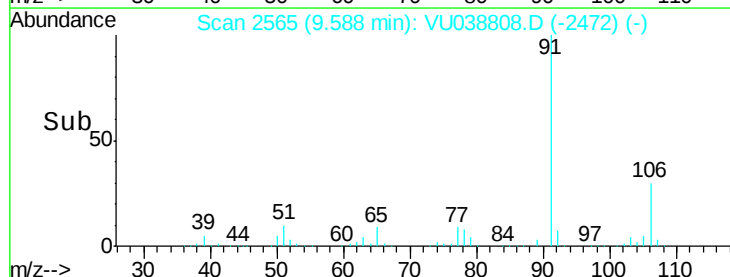
150000

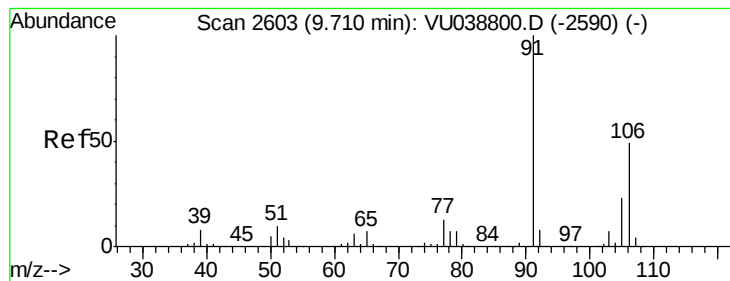
100000

50000

0

Time-->





#53

m,p-Xylene

Concen: 3.664 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VU038808.D

Acq: 11 Jun 2020 04:29

Instrument :

MSVOA_U

ClientSampleId :

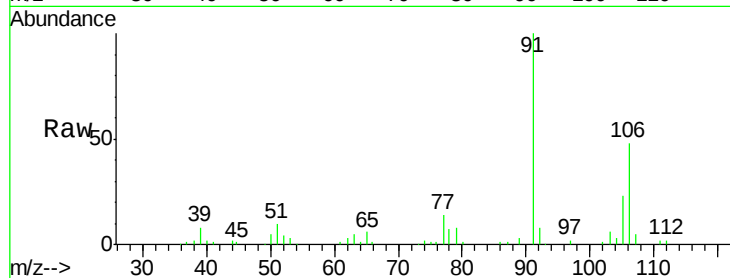
F9E23

Tot Ion:106 Resp: 26817

Ion Ratio Lower Upper

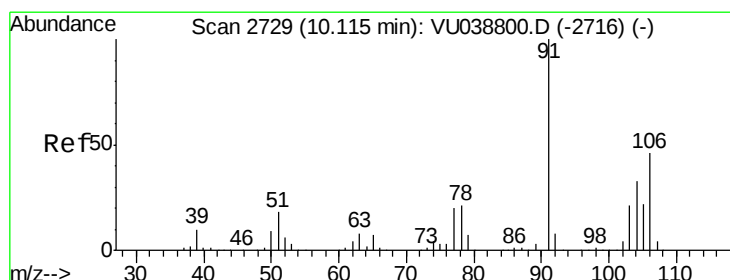
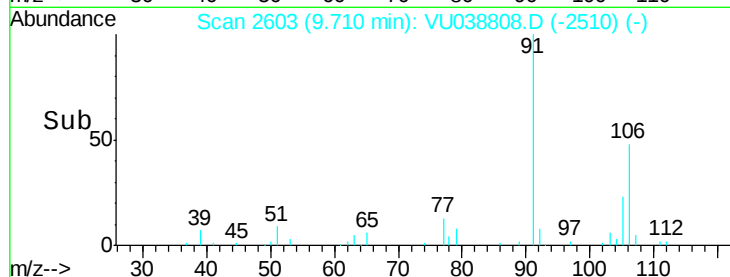
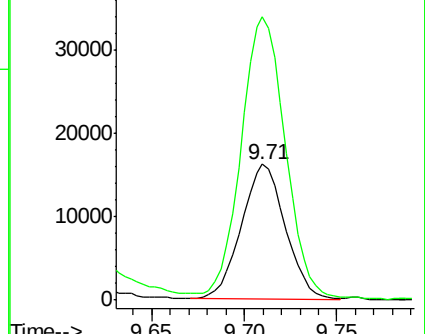
106 100

91 208.1 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 4.243 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU038808.D

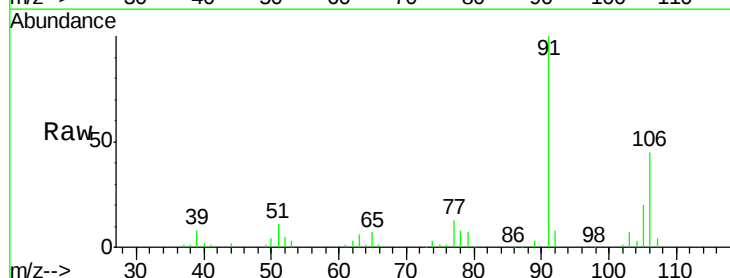
Acq: 11 Jun 2020 04:29

Tgt Ion:106 Resp: 30143

Ion Ratio Lower Upper

106 100

91 221.3 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

