

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038798.D
 Acq On : 11 Jun 2020 00:05
 Operator : SY/MD
 Sample : L2915-07 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E11

Quant Time: Jun 11 05:32:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 03:42:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	547029	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	524019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	248208	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	175501	57.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.84%
7) Chloroethane-d5	1.93	69	144507	60.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.90%
11) 1,1-Dichloroethene-d2	2.59	63	272870	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.94%
21) 2-Butanone-d5	4.66	46	367916	123.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.74%
24) Chloroform-d	5.10	84	361676	54.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.78%
26) 1,2-Dichloroethane-d4	5.74	65	253839	58.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.24%
32) Benzene-d6	5.76	84	727550	57.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.28%
36) 1,2-Dichloropropane-d6	6.72	67	227675	58.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.06%
41) Toluene-d8	7.92	98	621702	54.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.00%
43) trans-1,3-Dichloropropene-	8.20	79	107263	54.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.54%
47) 2-Hexanone-d5	8.65	63	259694	125.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.41%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	324875	55.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.98%
64) 1,2-Dichlorobenzene-d4	12.20	152	252484	58.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.18%

Target Compounds

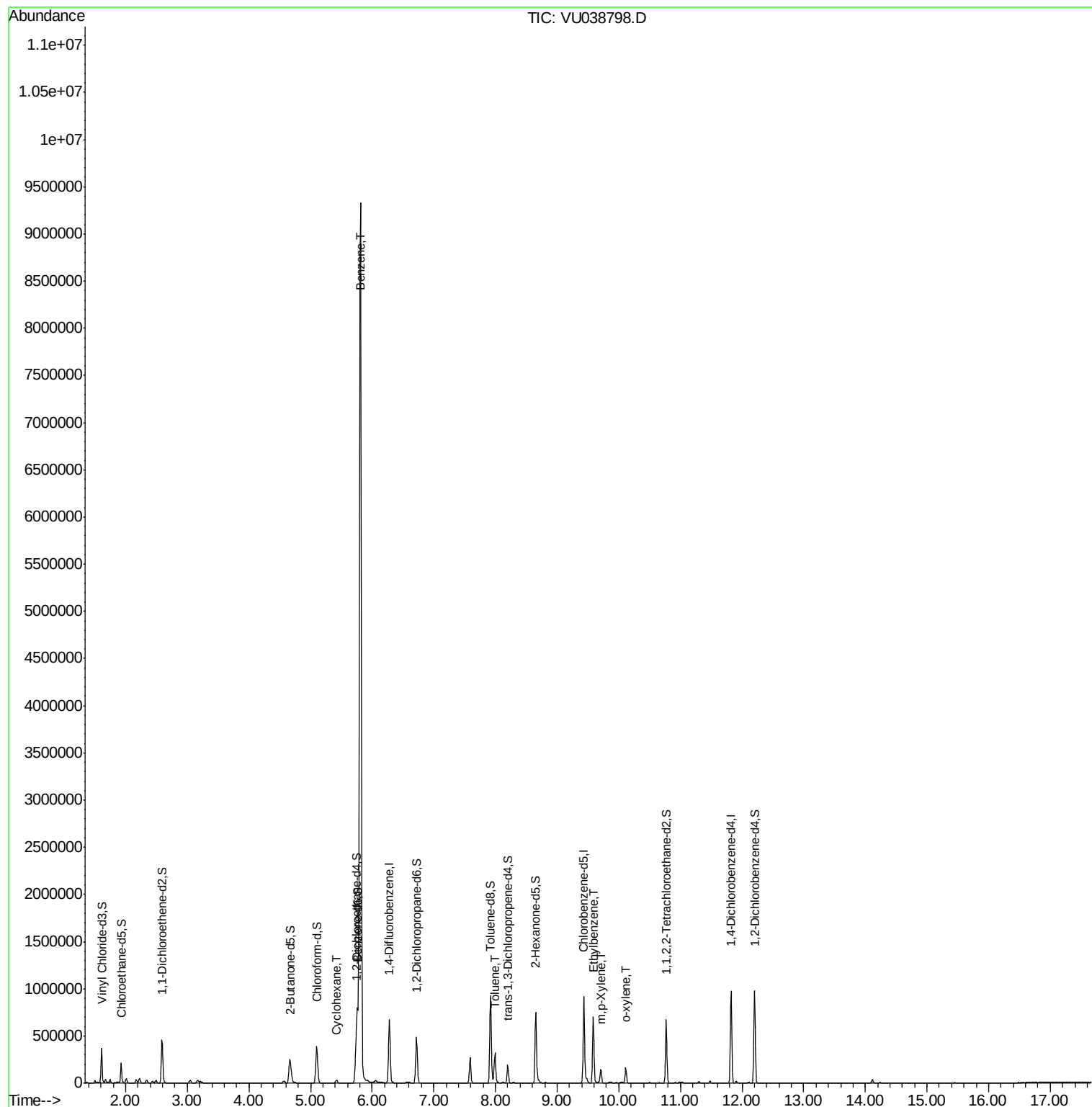
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	5.42	56	16178	2.698	ug/L	98
33) Benzene	5.81	78	8805751	565.885	ug/L	100
42) Toluene	7.99	91	235680	14.485	ug/L	99
52) Ethylbenzene	9.59	91	502549	27.986	ug/L	100
53) m,p-Xylene	9.71	106	42617	6.183	ug/L	93
54) o-xylene	10.11	106	45490	6.798	ug/L	98

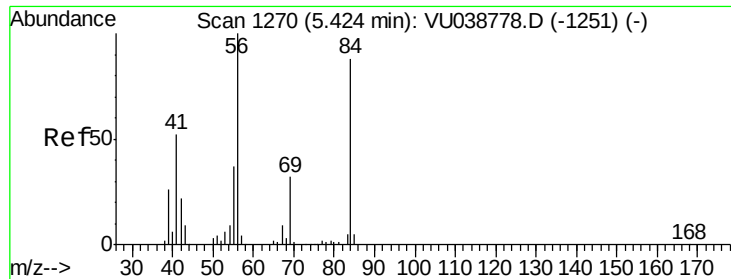
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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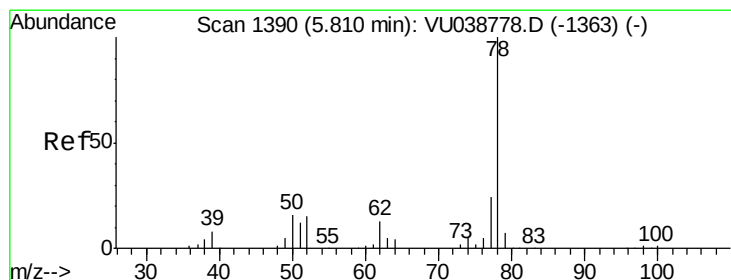
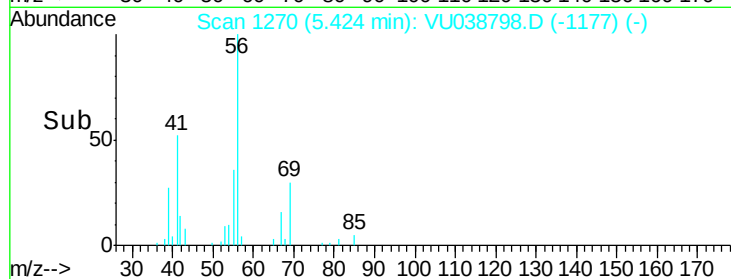
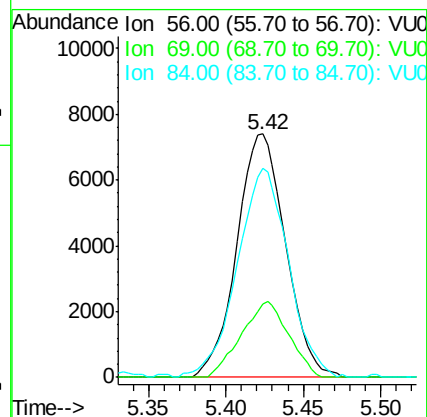
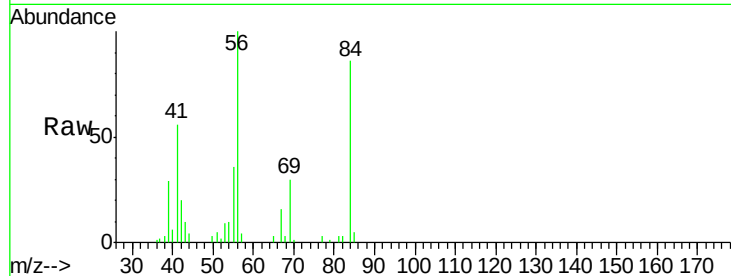




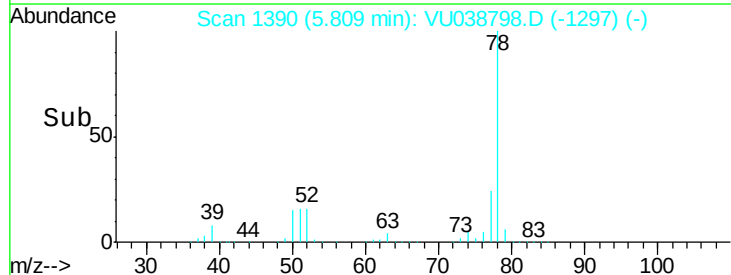
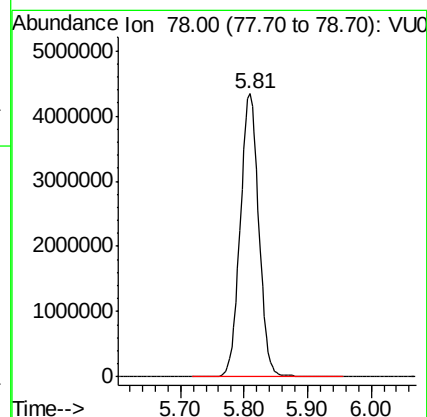
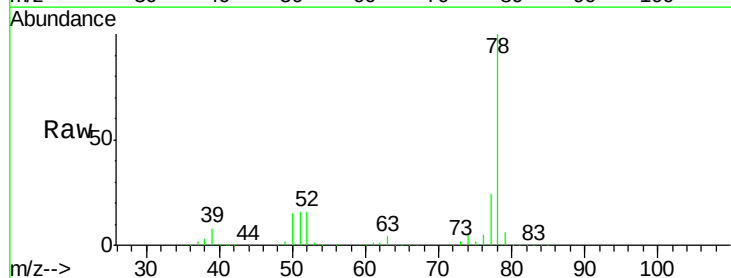
#29
Cyclohexane
Concen: 2.698 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038798.D
Acq: 11 Jun 2020 00:05

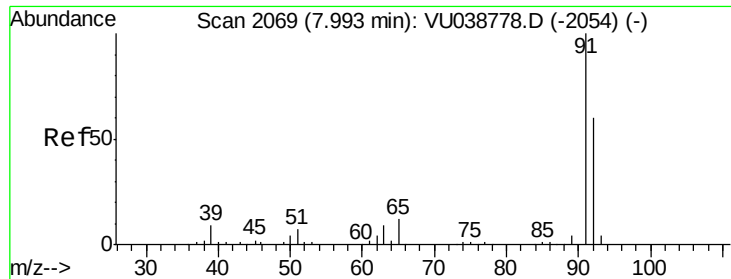
Instrument :
MSVOA_U
ClientSampleId :
F9E11

Tot Ion: 56 Resp: 16178
Ion Ratio Lower Upper
56 100
69 30.3 25.1 37.7
84 90.1 70.5 105.7



#33
Benzene
Concen: 565.885 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038798.D
Acq: 11 Jun 2020 00:05
Tgt Ion: 78 Resp: 8805751





#42

Toluene

Concen: 14.485 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038798.D

Acq: 11 Jun 2020 00:05

Instrument :

MSVOA_U

ClientSampleId :

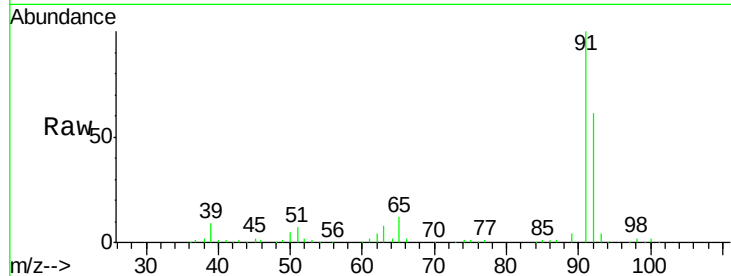
F9E11

Tot Ion: 91 Resp: 235680

Ion Ratio Lower Upper

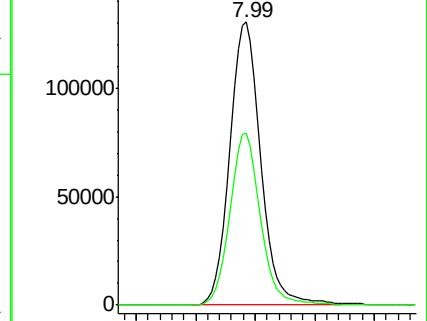
91 100

92 60.9 42.2 78.4

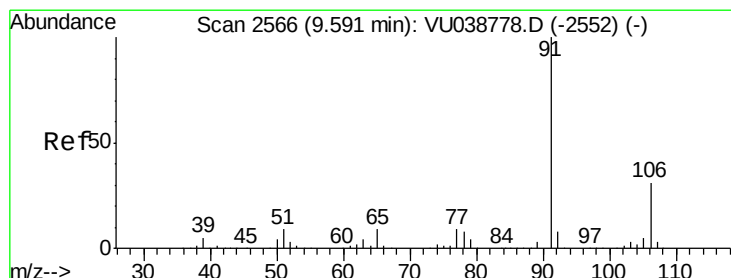
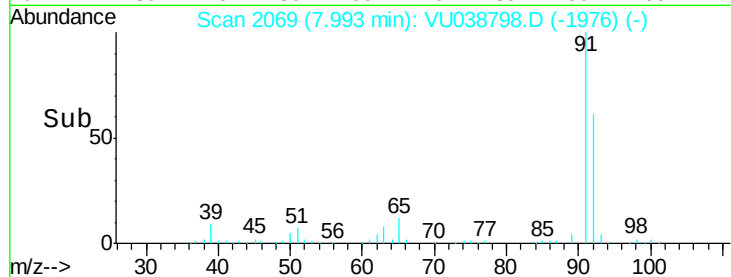


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



Time-->



#52

Ethylbenzene

Concen: 27.986 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038798.D

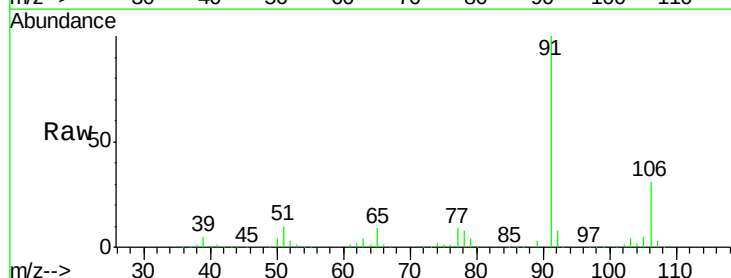
Acq: 11 Jun 2020 00:05

Tgt Ion: 91 Resp: 502549

Ion Ratio Lower Upper

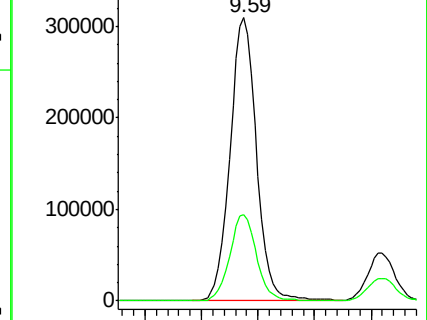
91 100

106 30.6 21.5 39.9

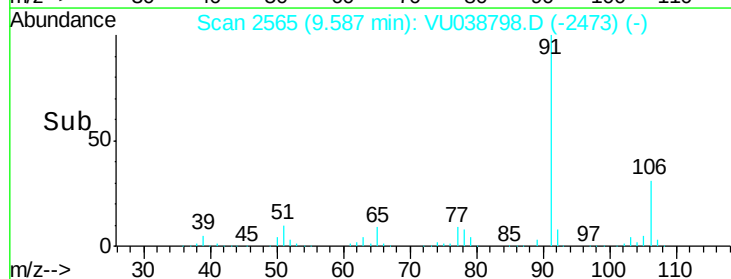


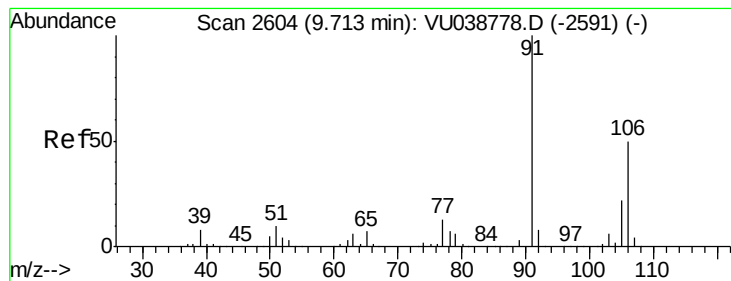
Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



Time-->





#53

m,p-Xylene

Concen: 6.183 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038798.D

Acq: 11 Jun 2020 00:05

Instrument :

MSVOA_U

ClientSampled :

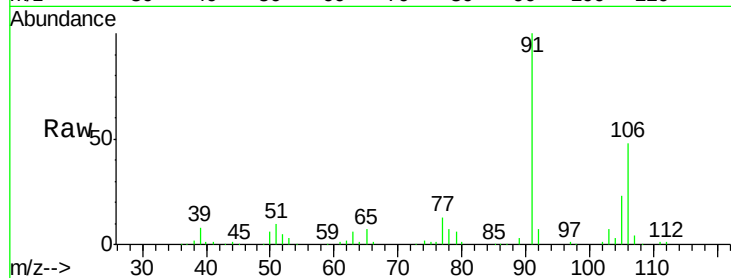
F9E11

Tot Ion:106 Resp: 42617

Ion Ratio Lower Upper

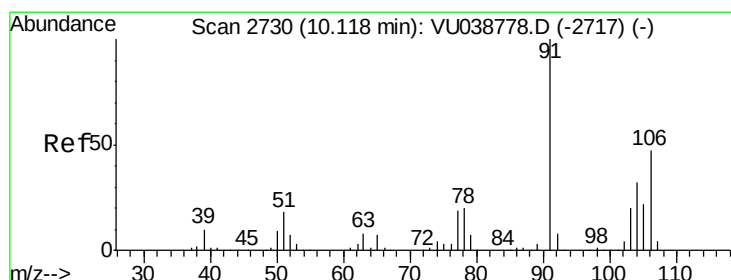
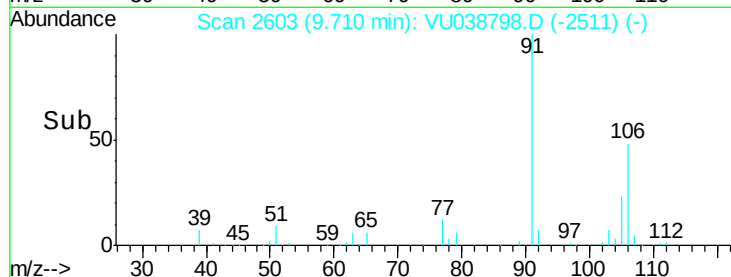
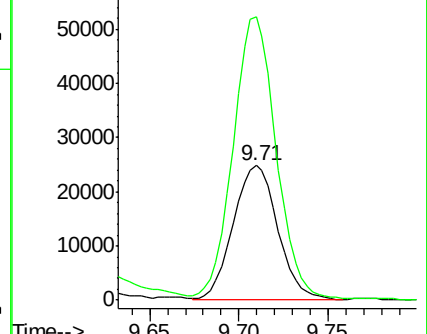
106 100

91 210.3 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 6.798 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU038798.D

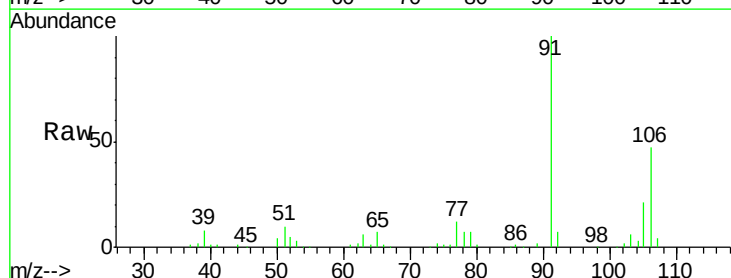
Acq: 11 Jun 2020 00:05

Tgt Ion:106 Resp: 45490

Ion Ratio Lower Upper

106 100

91 213.5 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

