

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038803.D
 Acq On : 11 Jun 2020 02:39
 Operator : SY/MD
 Sample : L2915-10 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E18

Quant Time: Jun 11 07:37:27 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	544659	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	510752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	242365	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	172058	56.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.08%
7) Chloroethane-d5	1.93	69	138404	58.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.26%
11) 1,1-Dichloroethene-d2	2.59	63	259335	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.20%
21) 2-Butanone-d5	4.67	46	366217	123.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.70%
24) Chloroform-d	5.10	84	356313	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.62%
26) 1,2-Dichloroethane-d4	5.74	65	251326	57.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.60%
32) Benzene-d6	5.76	84	711889	57.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.72%
36) 1,2-Dichloropropane-d6	6.72	67	218875	57.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.44%
41) Toluene-d8	7.92	98	593291	53.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.72%
43) trans-1,3-Dichloropropene-	8.20	79	105623	55.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.66%
47) 2-Hexanone-d5	8.65	63	255826	126.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.75%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	322423	57.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.02%
64) 1,2-Dichlorobenzene-d4	12.20	152	241763	57.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.90%

Target Compounds

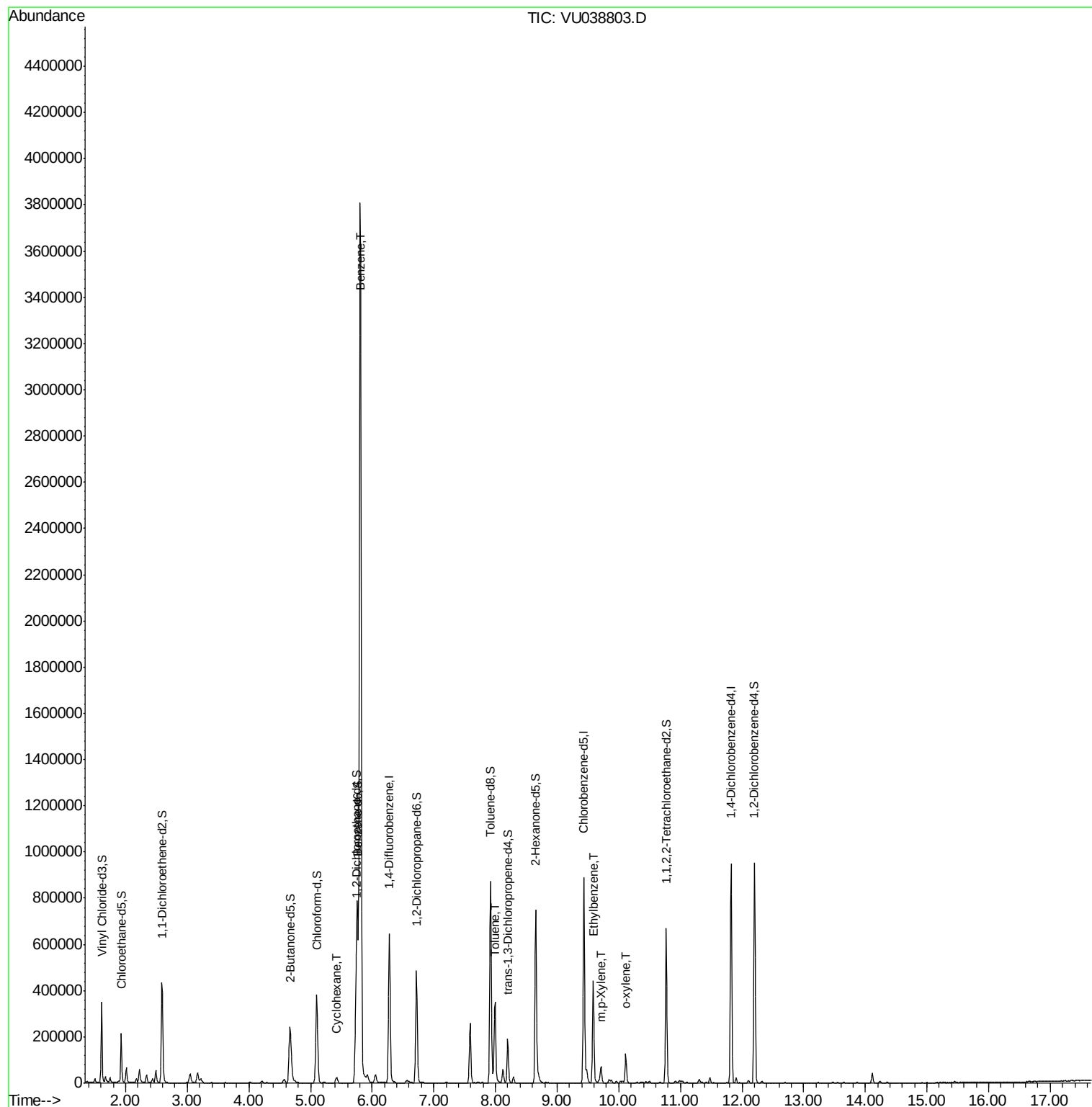
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	5.42	56	11818	2.022	ug/L	98
33) Benzene	5.81	78	3596700	237.139	ug/L	100
42) Toluene	7.99	91	260800	16.445	ug/L	99
52) Ethylbenzene	9.59	91	324698	18.552	ug/L	98
53) m,p-Xylene	9.71	106	17785	2.647	ug/L	80
54) o-xylene	10.11	106	35291	5.411	ug/L	89

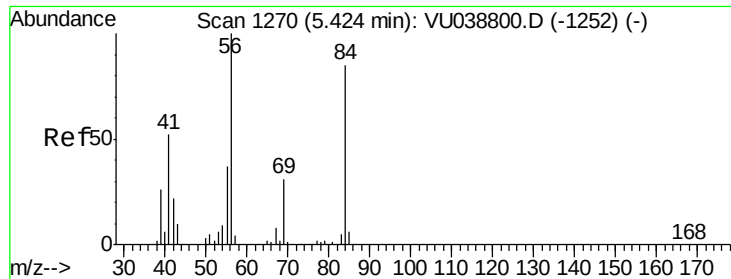
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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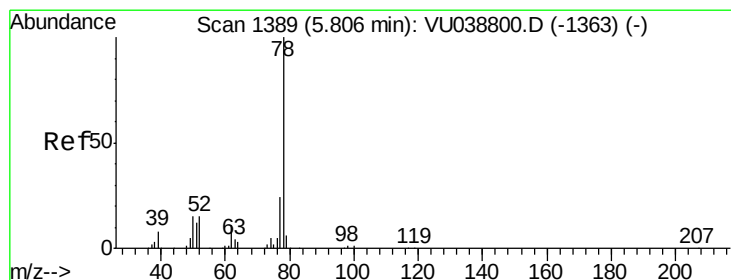
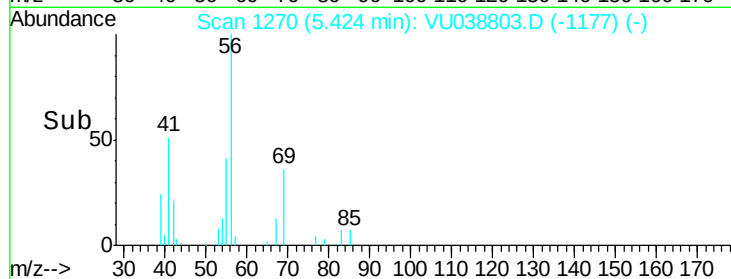
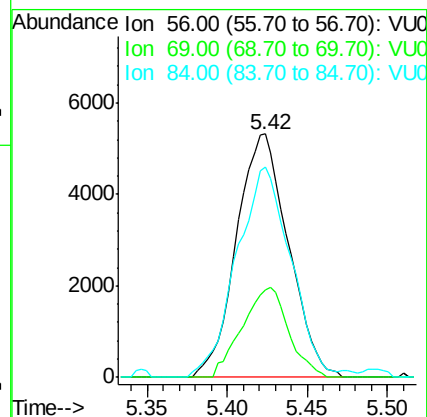
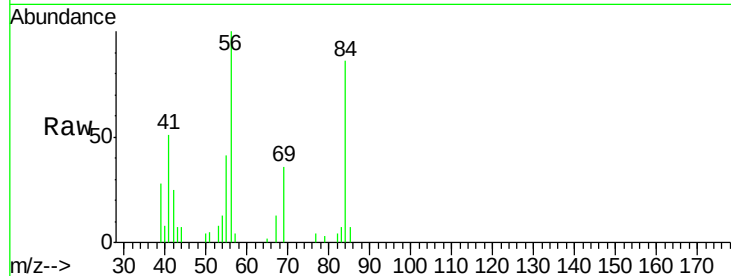




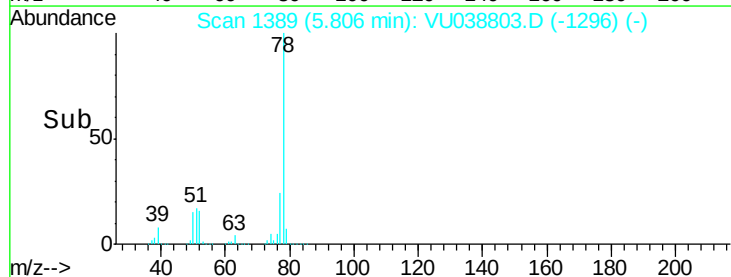
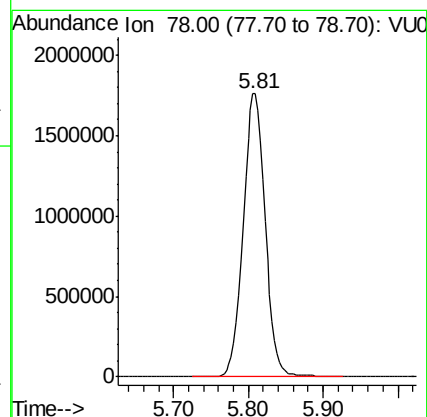
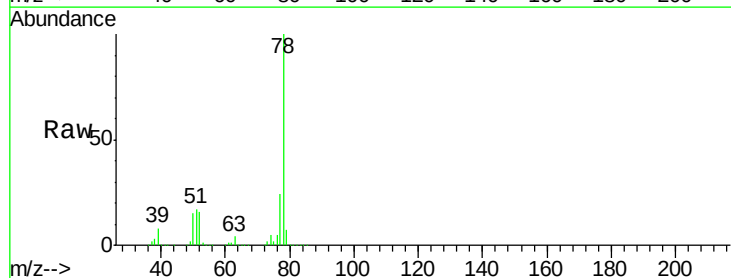
#29
Cyclohexane
Concen: 2.022 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038803.D
Acq: 11 Jun 2020 02:39

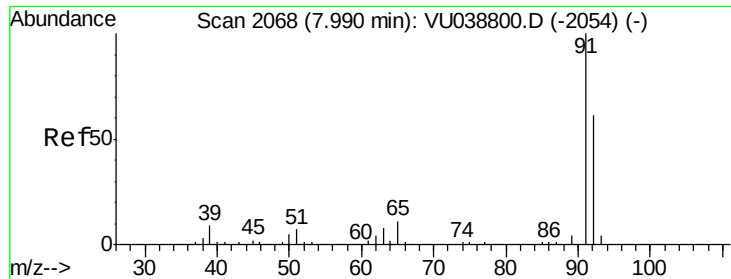
Instrument :
MSVOA_U
ClientSampleId :
F9E18

Tot Ion: 56 Resp: 11818
Ion Ratio Lower Upper
56 100
69 32.9 25.1 37.7
84 89.9 70.5 105.7



#33
Benzene
Concen: 237.139 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU038803.D
Acq: 11 Jun 2020 02:39
Tgt Ion: 78 Resp: 3596700





#42

Toluene

Concen: 16.445 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038803.D

Acq: 11 Jun 2020 02:39

Instrument :

MSVOA_U

ClientSampleId :

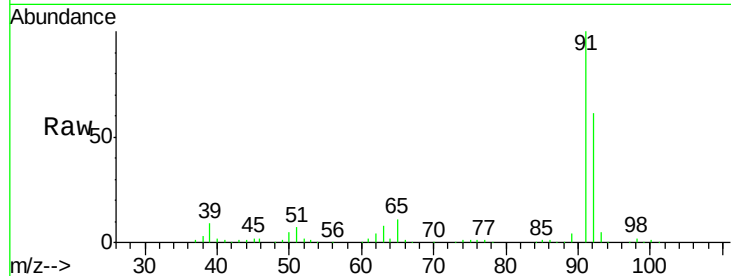
F9E18

Tot Ion: 91 Resp: 260800

Ion Ratio Lower Upper

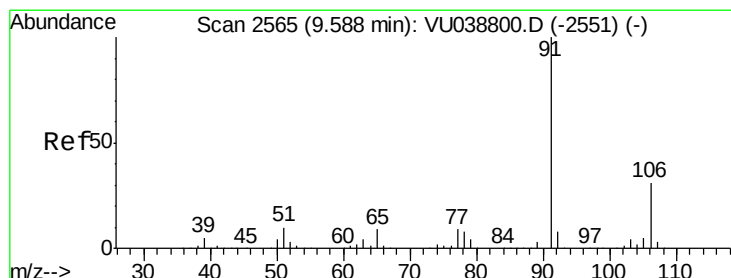
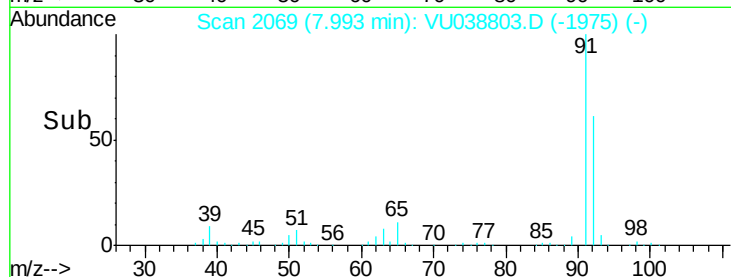
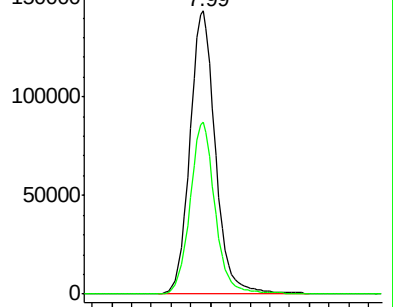
91 100

92 60.9 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038800.D (-2054) (-)

Ion 92.00 (91.70 to 92.70): VU038800.D (-2054) (-)



#52

Ethylbenzene

Concen: 18.552 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038803.D

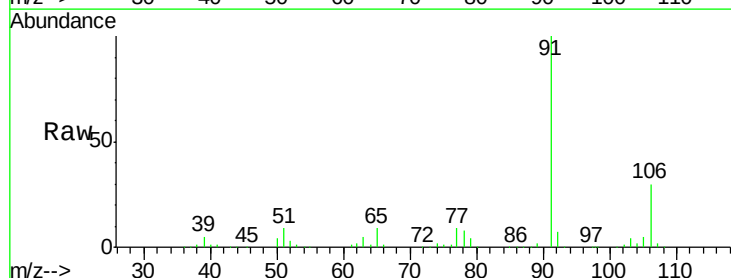
Acq: 11 Jun 2020 02:39

Tgt Ion: 91 Resp: 324698

Ion Ratio Lower Upper

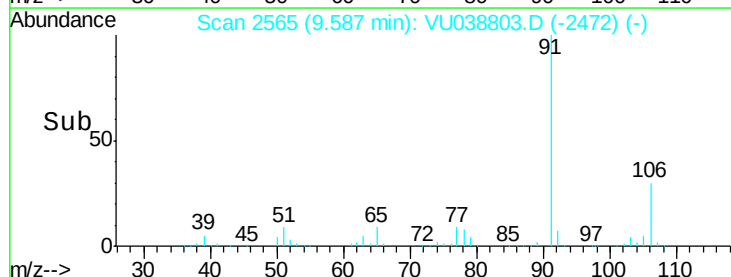
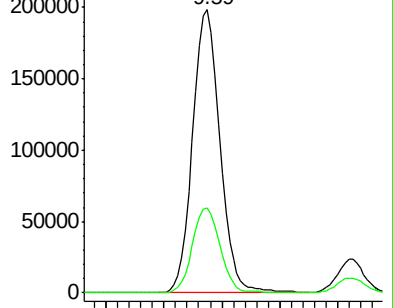
91 100

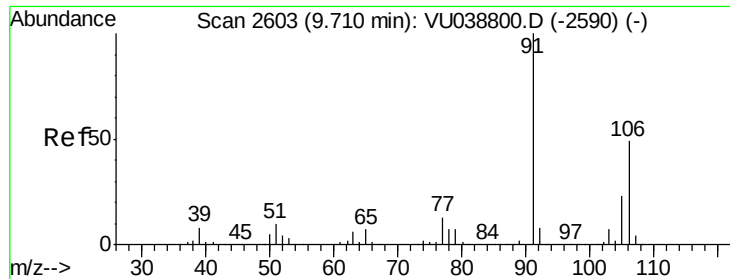
106 29.8 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038800.D (-2551) (-)

Ion 106.00 (105.70 to 106.70): VU038800.D (-2551) (-)

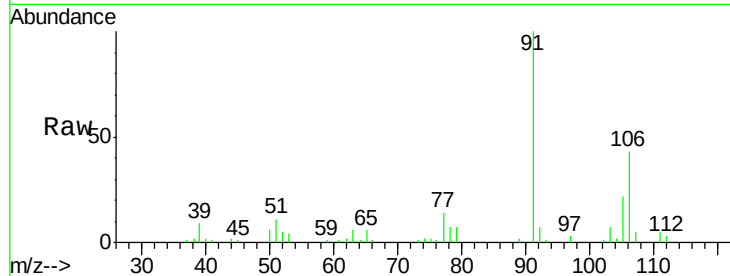




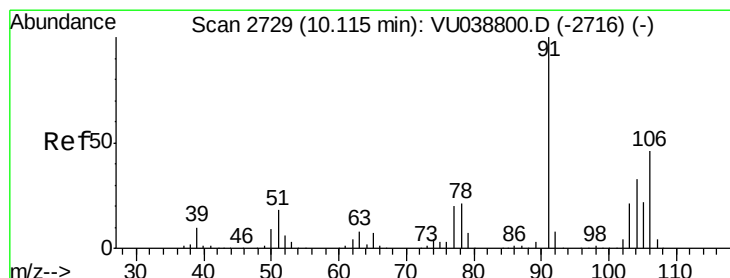
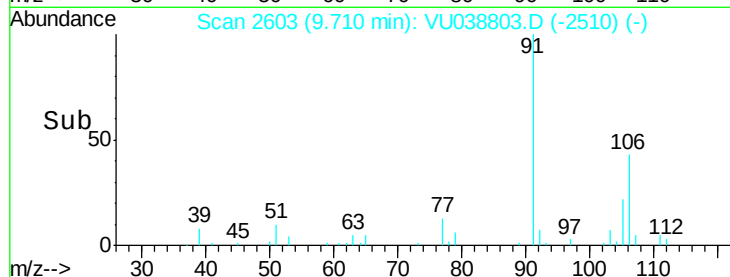
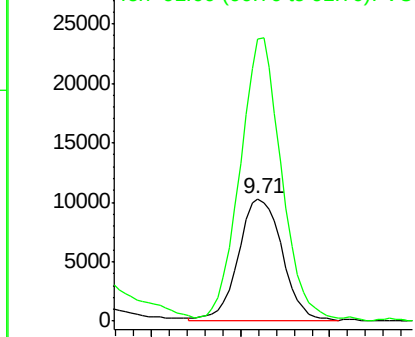
#53
m,p-Xylene
Concen: 2.647 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038803.D
Acq: 11 Jun 2020 02:39

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F9E18

Tot Ion:106 Resp: 17785
Ion Ratio Lower Upper
106 100
91 231.2 140.1 260.3

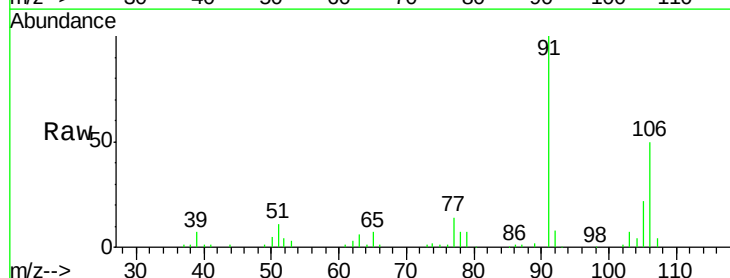


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#54
o-xylene
Concen: 5.411 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038803.D
Acq: 11 Jun 2020 02:39

Tgt Ion:106 Resp: 35291
Ion Ratio Lower Upper
106 100
91 198.8 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

