

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038755.D
 Acq On : 10 Jun 2020 04:21
 Operator : SY/MD
 Sample : L2913-04DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D83DL

Quant Time: Jun 10 07:06:12 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	511608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	490276	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	226685	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	126674	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.64%
7) Chloroethane-d5	1.93	69	118564	53.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.94%
11) 1,1-Dichloroethene-d2	2.59	63	211415	33.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.88%
21) 2-Butanone-d5	4.66	46	342973	123.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.34%
24) Chloroform-d	5.10	84	318493	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
26) 1,2-Dichloroethane-d4	5.74	65	226307	55.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.80%
32) Benzene-d6	5.76	84	631093	53.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.88%
36) 1,2-Dichloropropane-d6	6.72	67	200980	55.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.44%
41) Toluene-d8	7.92	98	524445	49.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.28%
43) trans-1,3-Dichloropropene-	8.20	79	94201	51.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.82%
47) 2-Hexanone-d5	8.65	63	240473	124.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	300805	55.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.82%
64) 1,2-Dichlorobenzene-d4	12.20	152	221057	56.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.34%

Target Compounds

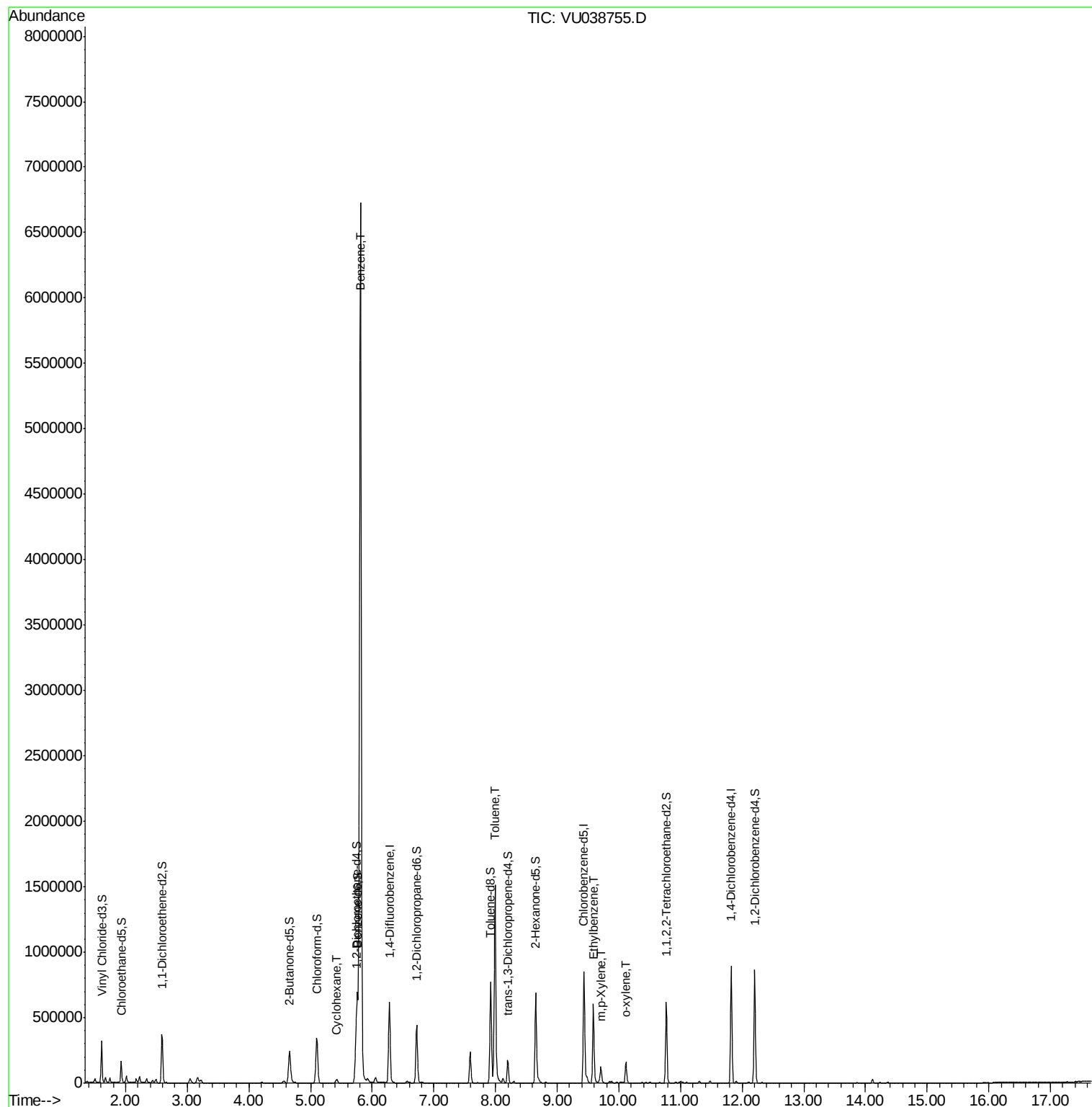
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	5.42	56	12317	2.196	ug/L	94
33) Benzene	5.81	78	6348664	436.064	ug/L	100
42) Toluene	7.99	91	1149691	75.523	ug/L	99
52) Ethylbenzene	9.59	91	440720	26.232	ug/L	99
53) m,p-Xylene	9.71	106	36967	5.732	ug/L	99
54) o-xylene	10.11	106	45120	7.207	ug/L	100

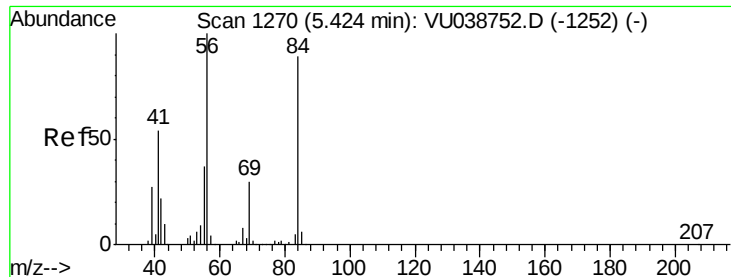
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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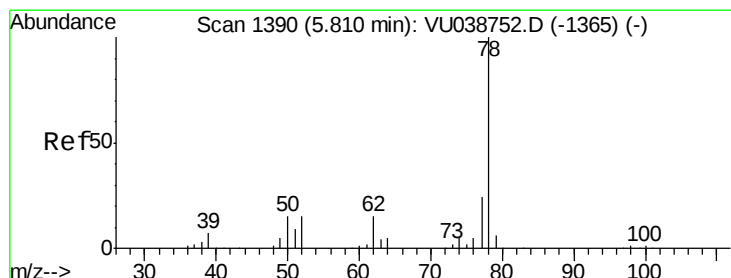
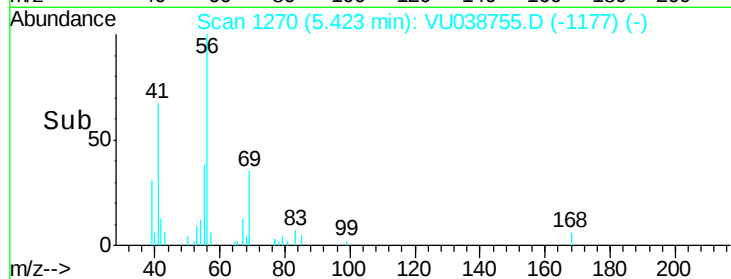
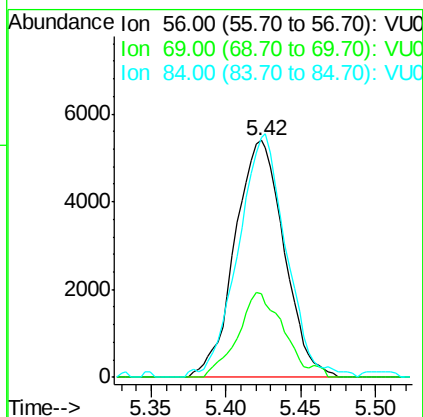
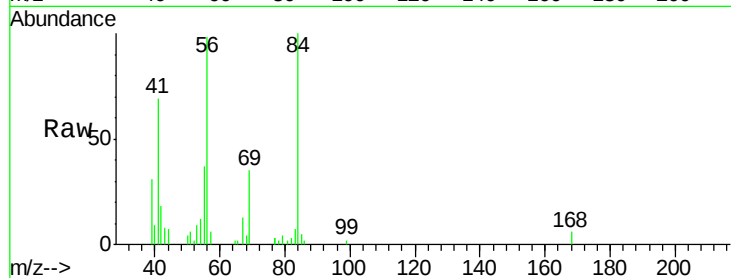




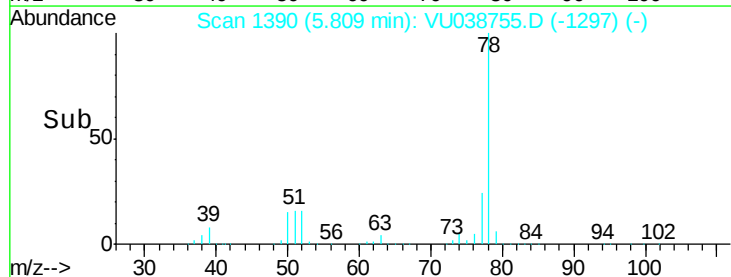
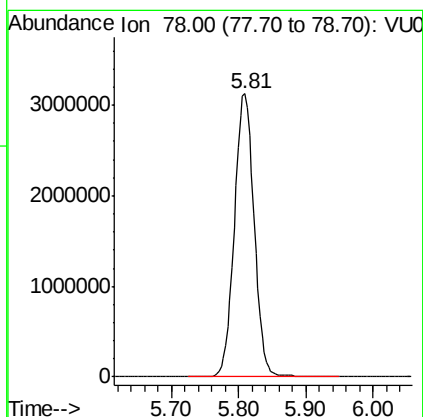
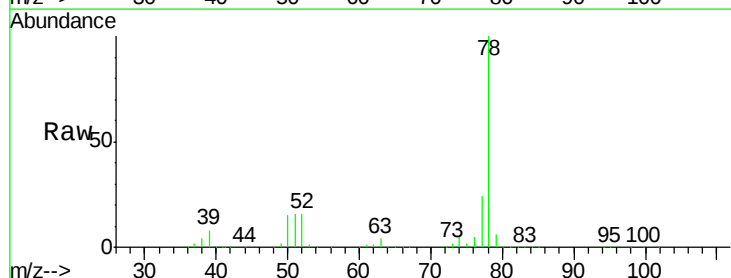
#29
Cyclohexane
Concen: 2.196 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

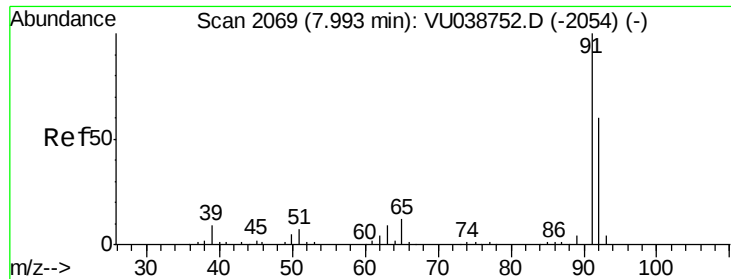
Instrument :
MSVOA_U
ClientSampleId :
F9D83DL

Tot Ion: 56 Resp: 12317
Ion Ratio Lower Upper
56 100
69 32.6 25.1 37.7
84 94.8 70.5 105.7



#33
Benzene
Concen: 436.064 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21
Tgt Ion: 78 Resp: 6348664





#42

Toluene

Concen: 75.523 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038755.D

Acq: 10 Jun 2020 04:21

Instrument :

MSVOA_U

ClientSampleId :

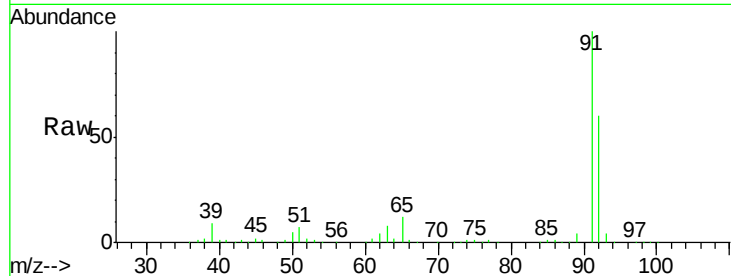
F9D83DL

Tot Ion: 91 Resp: 1149691

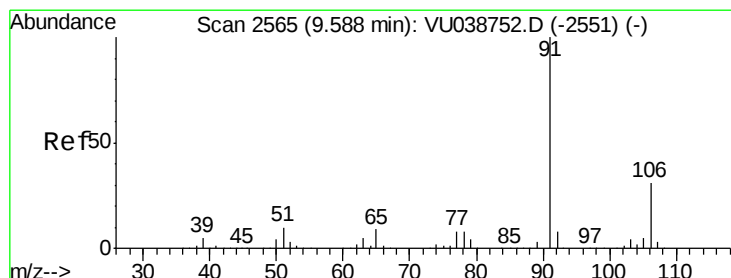
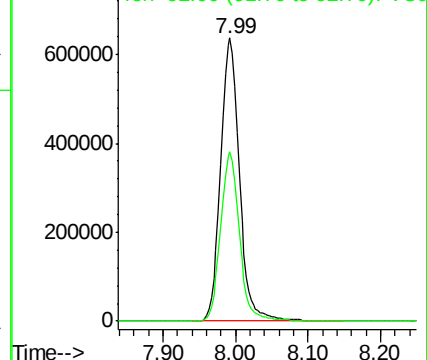
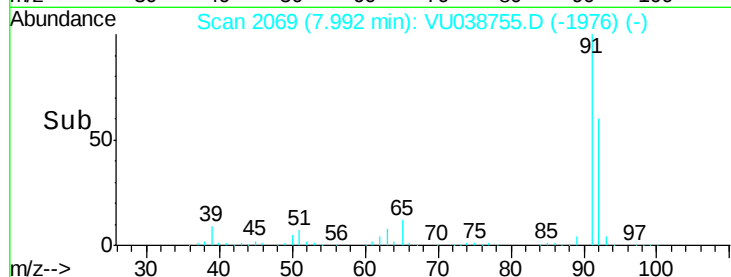
Ion Ratio Lower Upper

91 100

92 59.8 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038755.D (-1976) (-)



#52

Ethylbenzene

Concen: 26.232 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038755.D

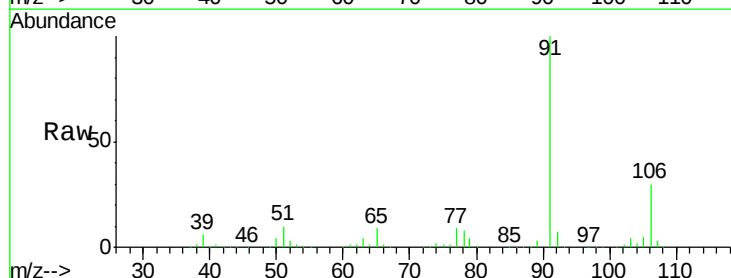
Acq: 10 Jun 2020 04:21

Tgt Ion: 91 Resp: 440720

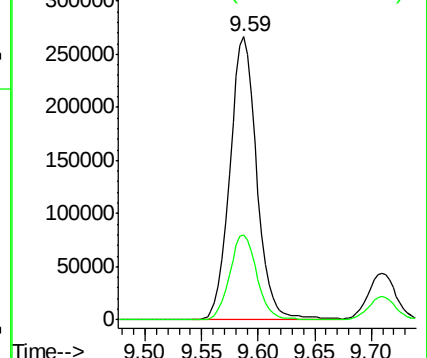
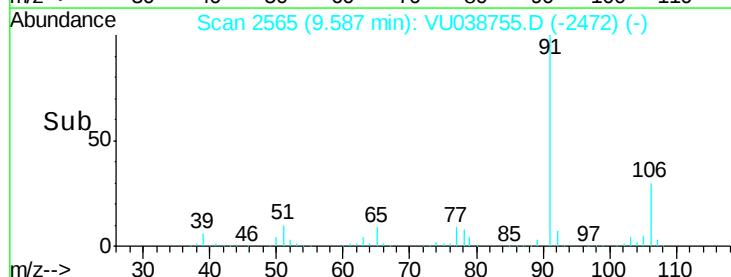
Ion Ratio Lower Upper

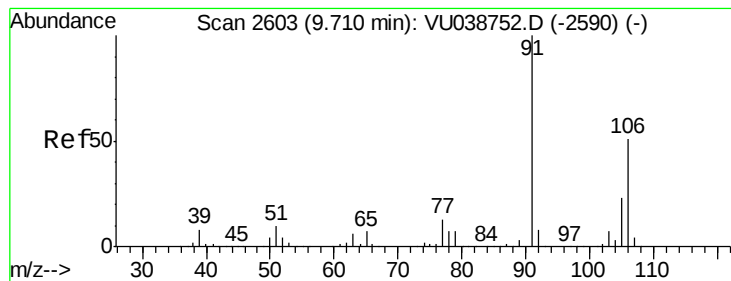
91 100

106 30.2 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038755.D (-2472) (-)





#53

m,p-Xylene

Concen: 5.732 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038755.D

Acq: 10 Jun 2020 04:21

Instrument :

MSVOA_U

ClientSampleId :

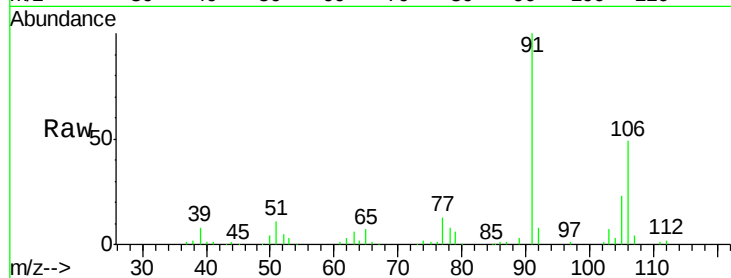
F9D83DL

Tot Ion:106 Resp: 36967

Ion Ratio Lower Upper

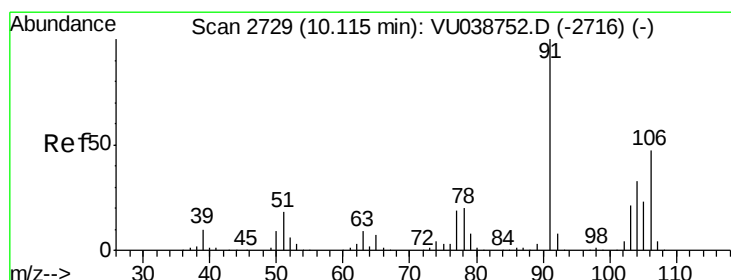
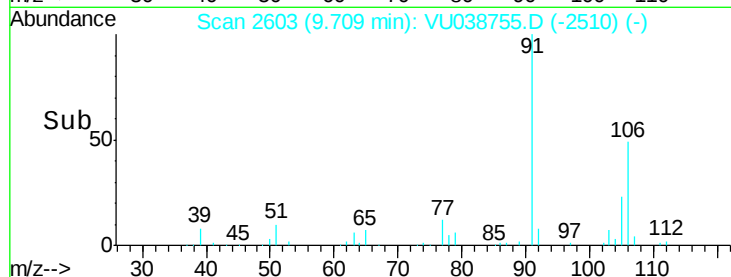
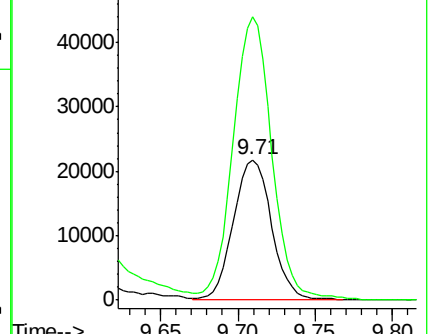
106 100

91 202.1 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 7.207 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU038755.D

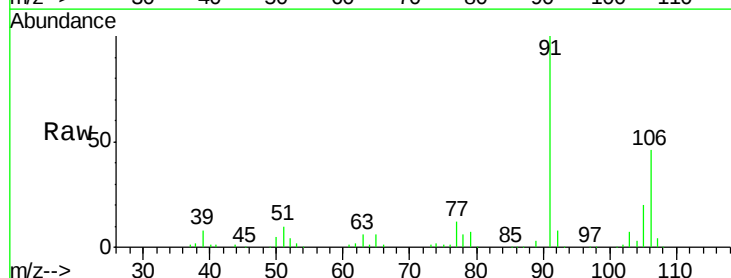
Acq: 10 Jun 2020 04:21

Tgt Ion:106 Resp: 45120

Ion Ratio Lower Upper

106 100

91 216.3 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

