

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038795.D
 Acq On : 10 Jun 2020 22:58
 Operator : SY/MD
 Sample : L2915-04 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E08

Quant Time: Jun 11 05:19:41 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	554258	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	533974	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	253442	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	178322	57.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.18%
7) Chloroethane-d5	1.93	69	145658	60.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.26%
11) 1,1-Dichloroethene-d2	2.59	63	276769	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.02%
21) 2-Butanone-d5	4.66	46	369673	122.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.71%
24) Chloroform-d	5.10	84	363650	54.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.94%
26) 1,2-Dichloroethane-d4	5.74	65	251667	56.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.74%
32) Benzene-d6	5.76	84	729966	56.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.50%
36) 1,2-Dichloropropane-d6	6.72	67	225830	56.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.94%
41) Toluene-d8	7.92	98	628329	54.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.12%
43) trans-1,3-Dichloropropene-	8.20	79	108150	54.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.38%
47) 2-Hexanone-d5	8.65	63	259934	123.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.19%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	330385	55.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.74%
64) 1,2-Dichlorobenzene-d4	12.20	152	254168	57.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.52%

Target Compounds

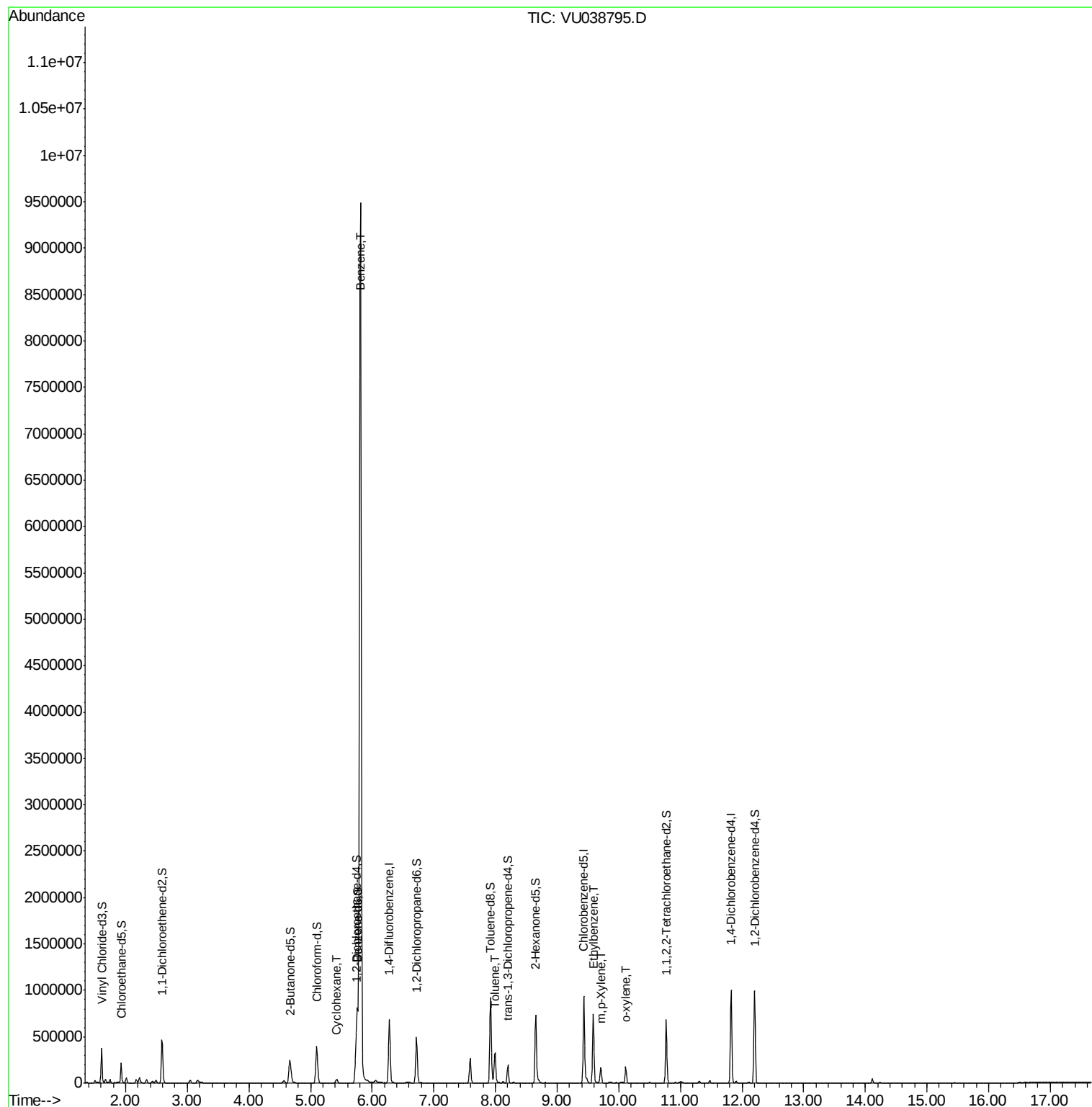
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	5.42	56	19747	3.232	ug/L	96
33) Benzene	5.81	78	8910427	561.936	ug/L	100
42) Toluene	7.99	91	242859	14.648	ug/L	100
52) Ethylbenzene	9.59	91	534766	29.225	ug/L	99
53) m,p-Xylene	9.71	106	47835	6.810	ug/L	96
54) o-xylene	10.11	106	49354	7.238	ug/L	93

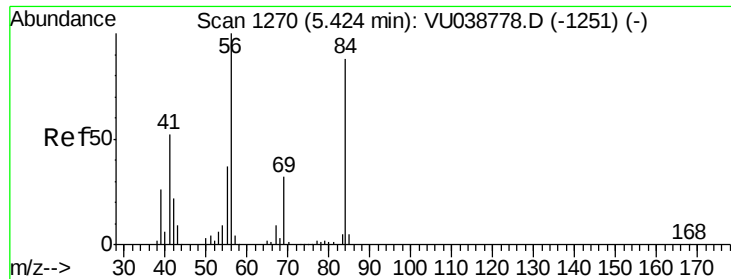
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 11 03:42:48 2020
Response via : Initial Calibration

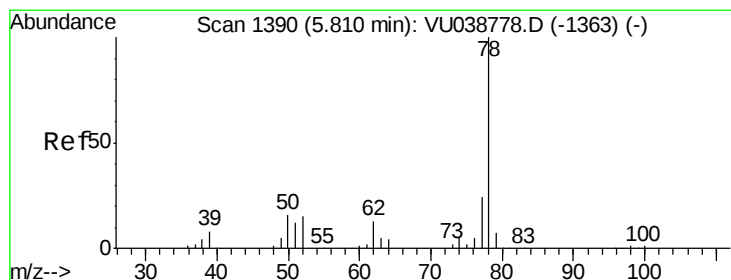
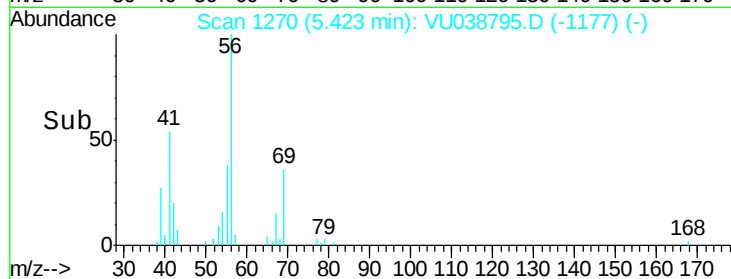
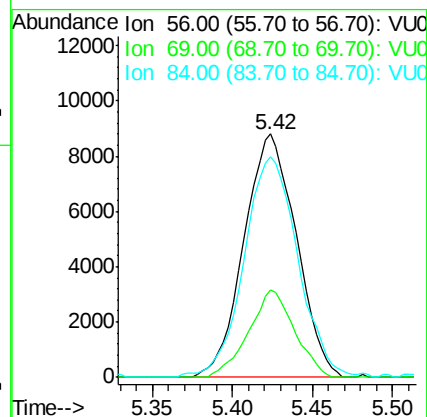
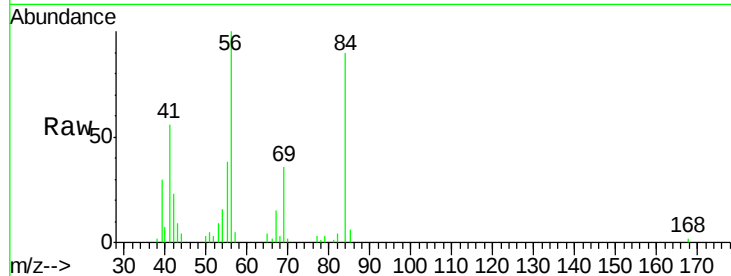




#29
Cyclohexane
Concen: 3.232 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

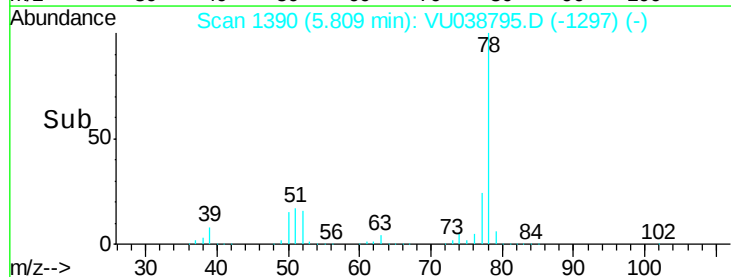
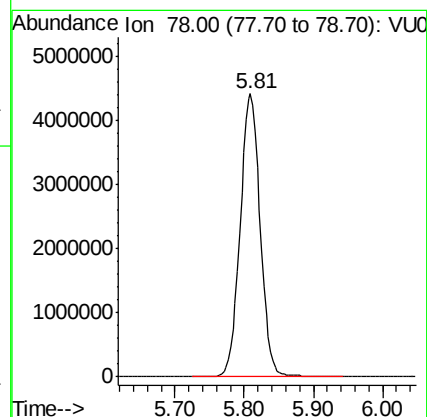
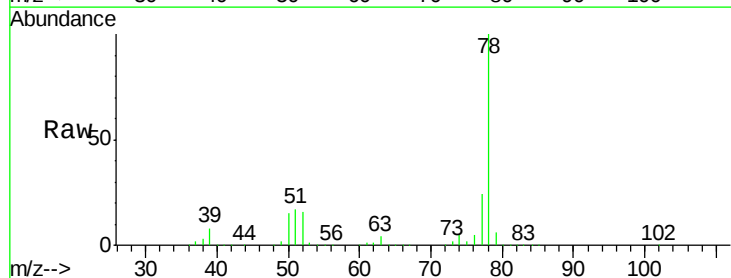
Instrument :
MSVOA_U
ClientSampleId :
F9E08

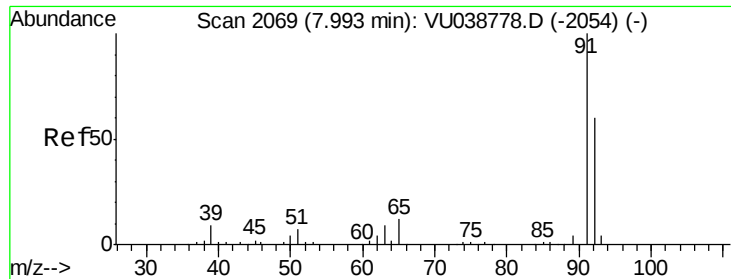
Tot Ion: 56 Resp: 19747
Ion Ratio Lower Upper
56 100
69 31.3 25.1 37.7
84 92.5 70.5 105.7



#33
Benzene
Concen: 561.936 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Tgt Ion: 78 Resp: 8910427





#42

Toluene

Concen: 14.648 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038795.D

Acq: 10 Jun 2020 22:58

Instrument :

MSVOA_U

ClientSampleId :

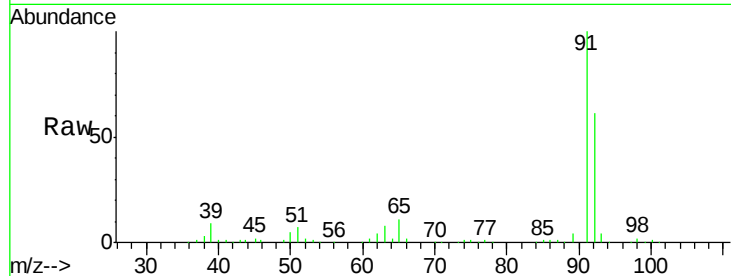
F9E08

Tot Ion: 91 Resp: 242859

Ion Ratio Lower Upper

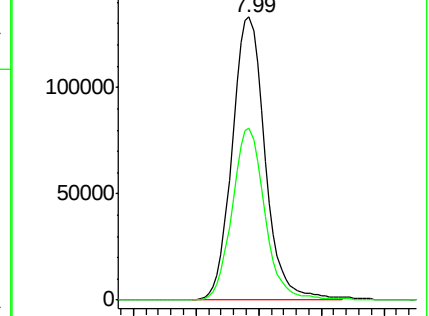
91 100

92 60.6 42.2 78.4

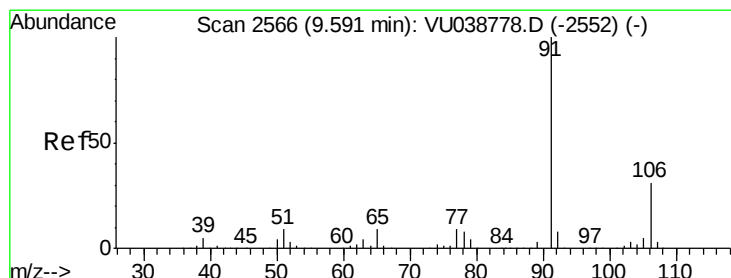
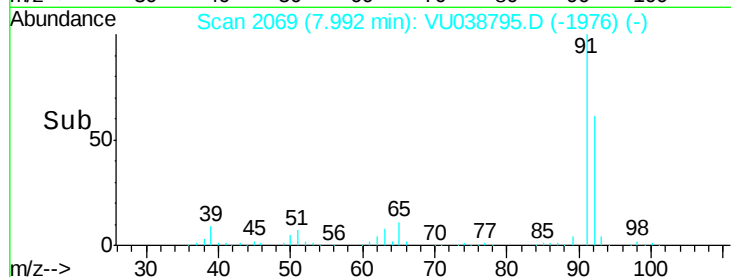


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



Time-->



#52

Ethylbenzene

Concen: 29.225 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038795.D

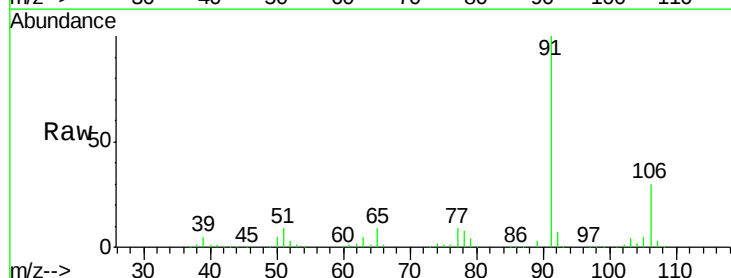
Acq: 10 Jun 2020 22:58

Tgt Ion: 91 Resp: 534766

Ion Ratio Lower Upper

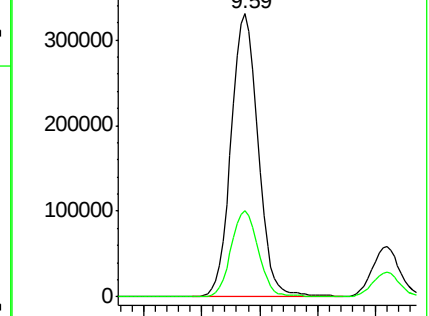
91 100

106 30.3 21.5 39.9

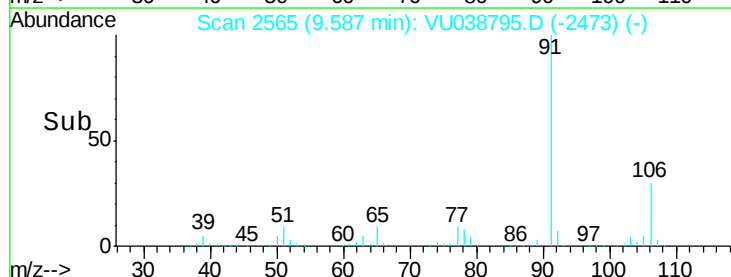


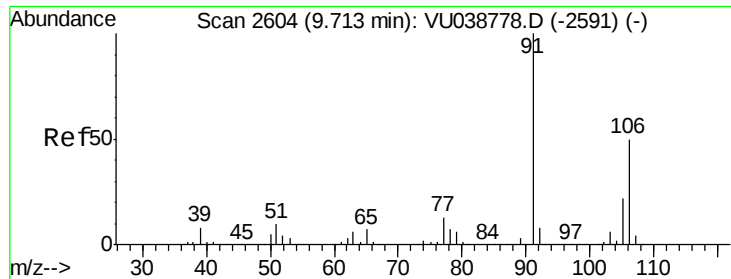
Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



Time-->





#53

m,p-Xylene

Concen: 6.810 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038795.D

Acq: 10 Jun 2020 22:58

Instrument :

MSVOA_U

ClientSampleId :

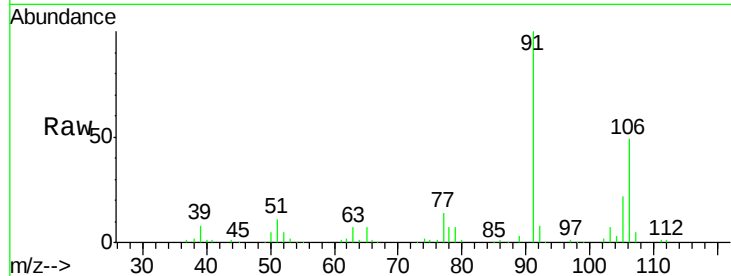
F9E08

Tot Ion:106 Resp: 47835

Ion Ratio Lower Upper

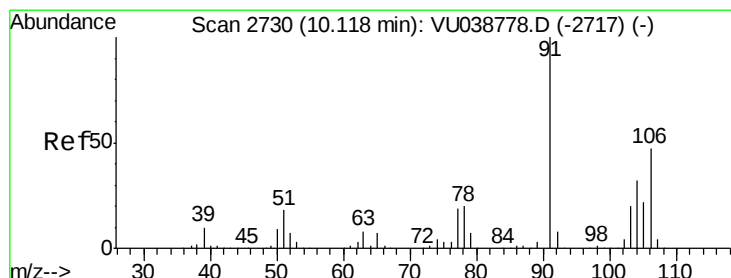
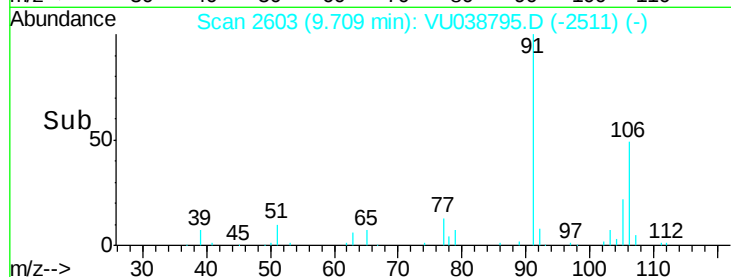
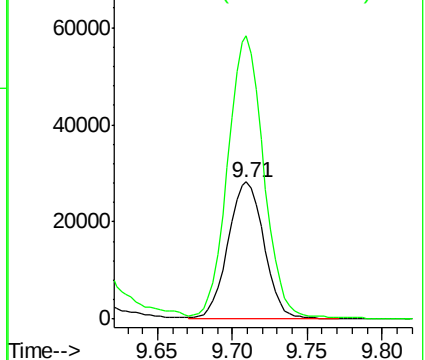
106 100

91 206.0 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 7.238 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU038795.D

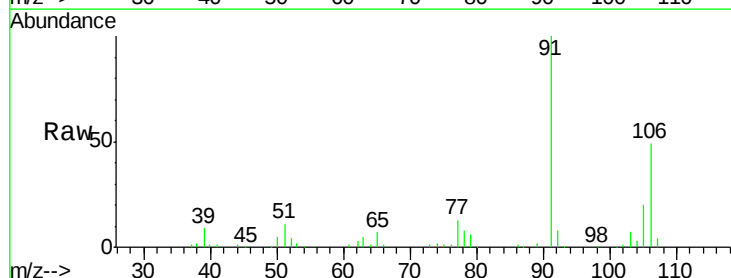
Acq: 10 Jun 2020 22:58

Tgt Ion:106 Resp: 49354

Ion Ratio Lower Upper

106 100

91 204.5 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

