

Data File : VU023693.D
Acq On : 06 May 2018 16:23
Operator : MD/SY
Sample : J2691-22ME
Misc : 2.94g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 22 18:29:04 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	414018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	403549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	219379	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	111621	38.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.08%
7) Chloroethane-d5	1.64	69	53240	23.80	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.60%#
11) 1,1-Dichloroethene-d2	2.23	63	150735	26.35	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.70%#
21) 2-Butanone-d5	4.20	46	235944	116.38	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.38%
24) Chloroform-d	4.65	84	189440	39.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.08%
26) 1,2-Dichloroethane-d4	5.31	65	135856	40.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.50%
32) Benzene-d6	5.34	84	434729	40.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.30%
36) 1,2-Dichloropropane-d6	6.33	67	145586	40.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.28%
41) Toluene-d8	7.57	98	448045	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%
43) trans-1,3-Dichloropropene-	7.86	79	61033	39.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.18%
47) 2-Hexanone-d5	8.33	63	192729	139.94	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	139.94%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	223696	47.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.38%
64) 1,2-Dichlorobenzene-d4	11.87	152	182686	42.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.38%

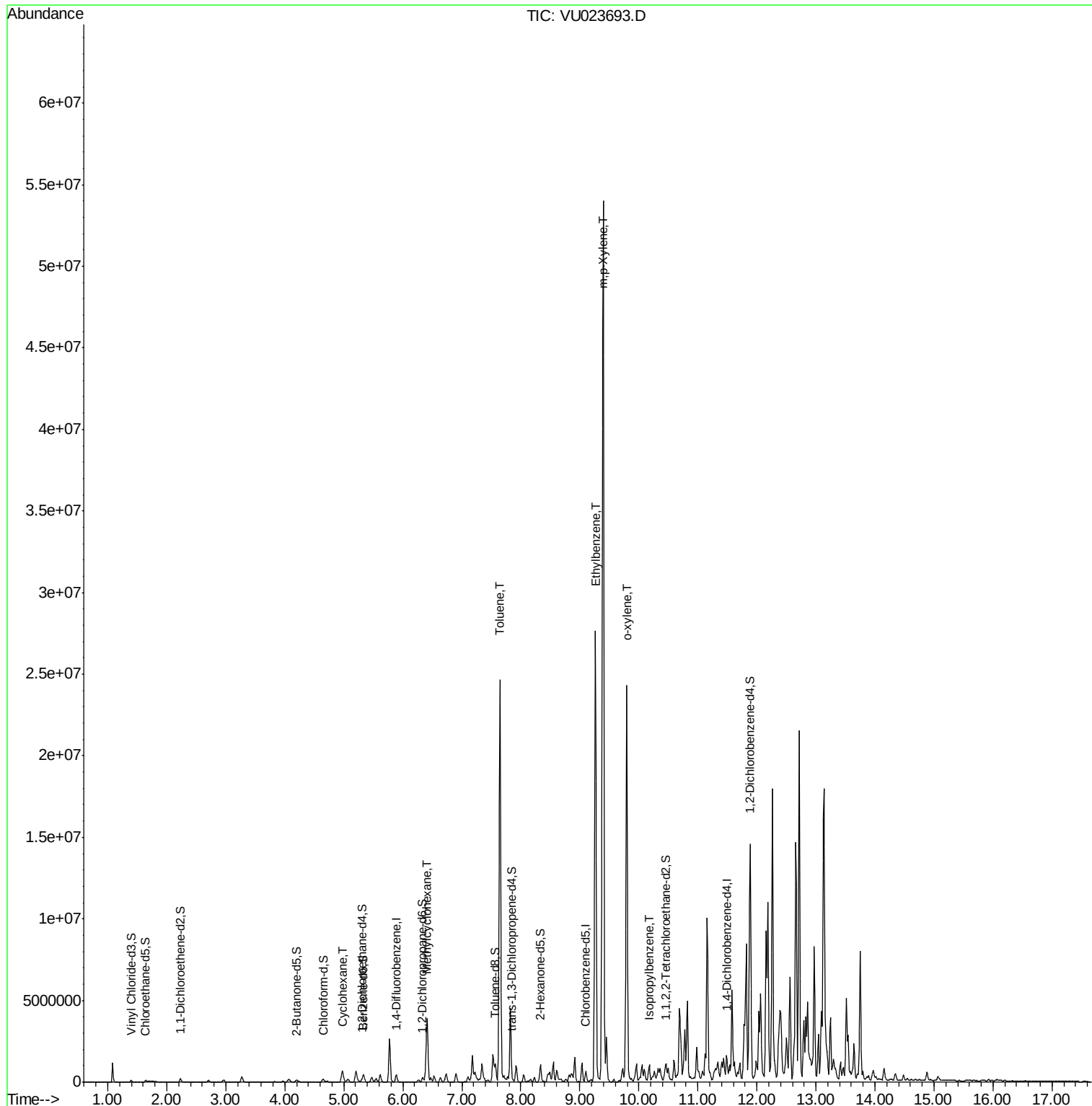
Target Compounds

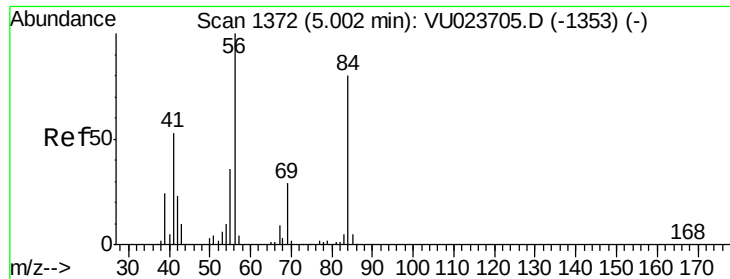
						Qvalue
29) Cyclohexane	4.98	56	236793	39.70	ug/L	# 83
35) Methylcyclohexane	6.41	83	1707966	299.70	ug/L	98
42) Toluene	7.64	91	18319699m	1242.91	ug/L	
52) Ethylbenzene	9.26	91	19439813m	1216.73	ug/L	
53) m,p-Xylene	9.39	106	18088517m	2968.27	ug/L	
54) o-xylene	9.79	106	6897358	1194.63	ug/L	94
56) Isopropylbenzene	10.17	105	601648	39.70	ug/L	100

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

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#29

Cyclohexane

Concen: 39.70 ug/L

RT: 4.98 min Scan# 1365

Delta R.T. -0.02 min

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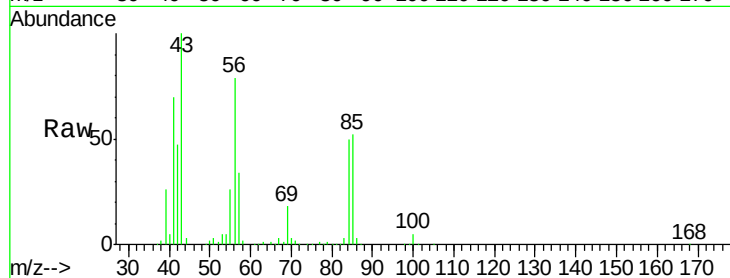
Tgt Ion: 56 Resp: 236793

Ion Ratio Lower Upper

56 100

69 22.8 23.5 35.3#

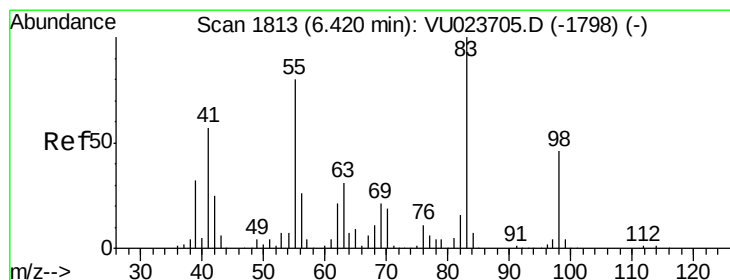
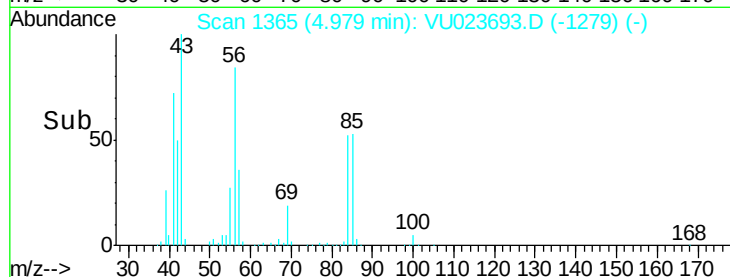
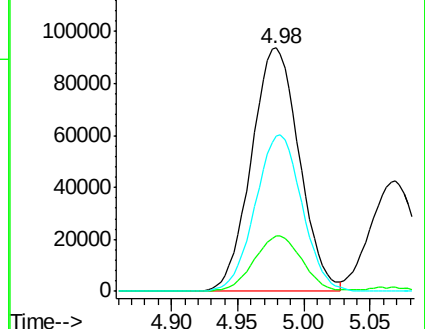
84 62.7 63.8 95.8#



Abundance Ion 56.00 (55.70 to 56.70): VU023693.D (-1720) (-)

Ion 69.00 (68.70 to 69.70): VU023693.D (-1720) (-)

Ion 84.00 (83.70 to 84.70): VU023693.D (-1720) (-)



#35

Methylcyclohexane

Concen: 299.70 ug/L

RT: 6.41 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VU023693.D

Acq: 06 May 2018 16:23

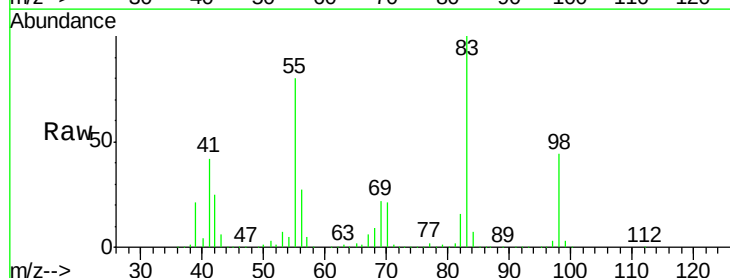
Tgt Ion: 83 Resp: 1707966

Ion Ratio Lower Upper

83 100

55 84.2 66.7 100.1

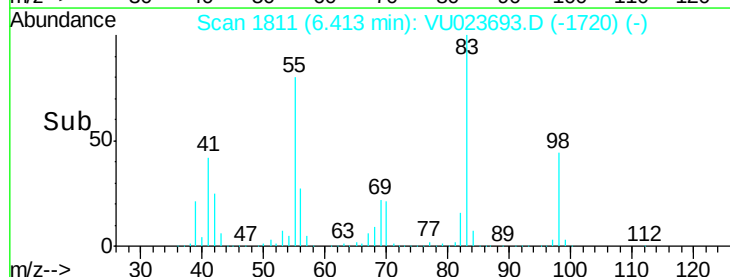
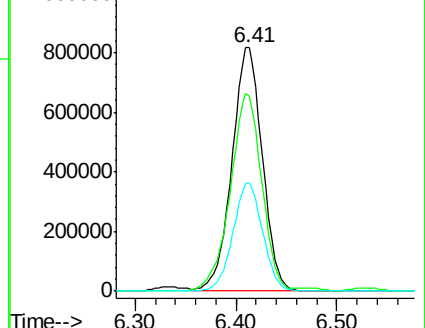
98 43.5 36.6 54.8

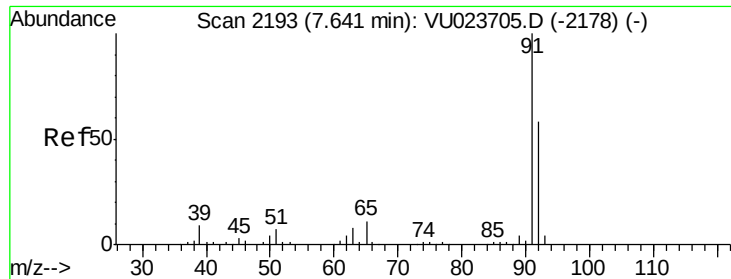


Abundance Ion 83.00 (82.70 to 83.70): VU023693.D (-1720) (-)

Ion 55.00 (54.70 to 55.70): VU023693.D (-1720) (-)

Ion 98.00 (97.70 to 98.70): VU023693.D (-1720) (-)





#42

Toluene

Concen: 1242.91 ug/L m

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023693.D

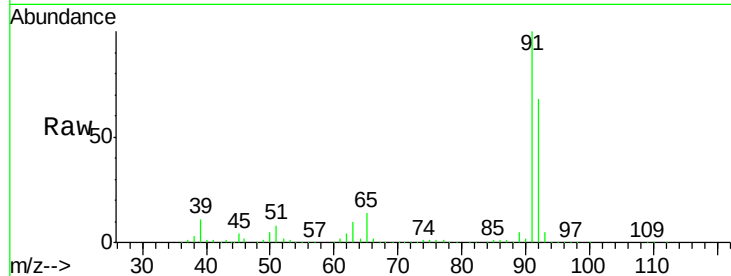
Acq: 06 May 2018 16:23

Tgt Ion: 91 Resp:18319699

Ion Ratio Lower Upper

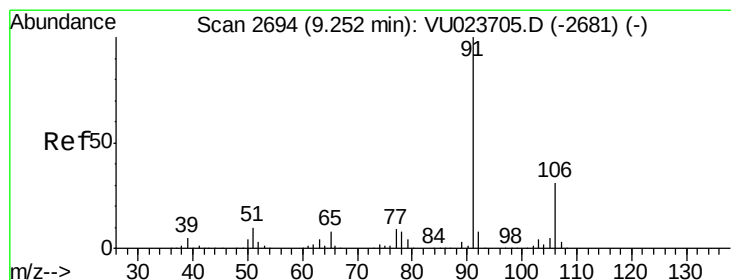
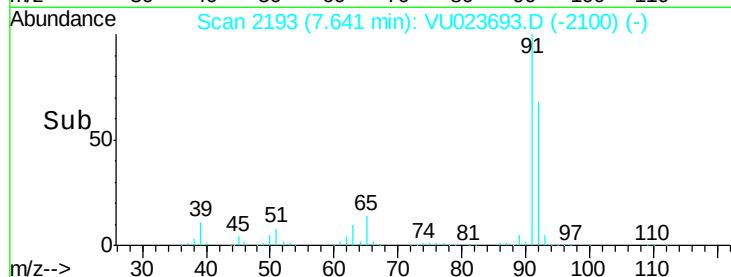
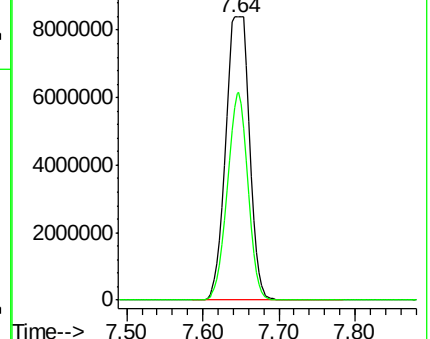
91 100

92 68.0 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#52

Ethylbenzene

Concen: 1216.73 ug/L m

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023693.D

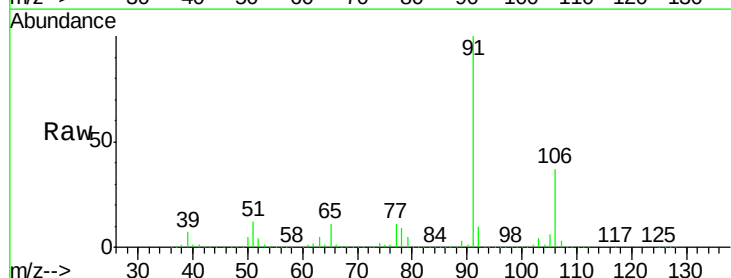
Acq: 06 May 2018 16:23

Tgt Ion: 91 Resp:19439813

Ion Ratio Lower Upper

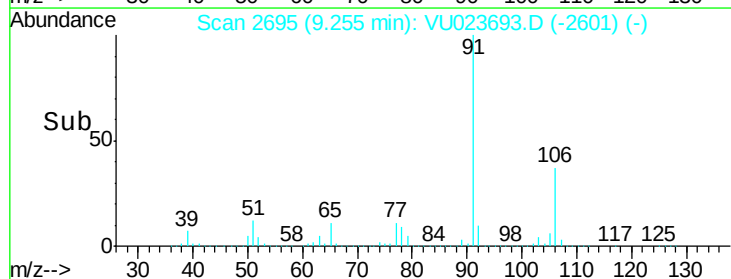
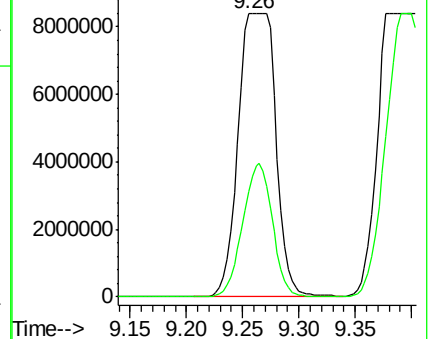
91 100

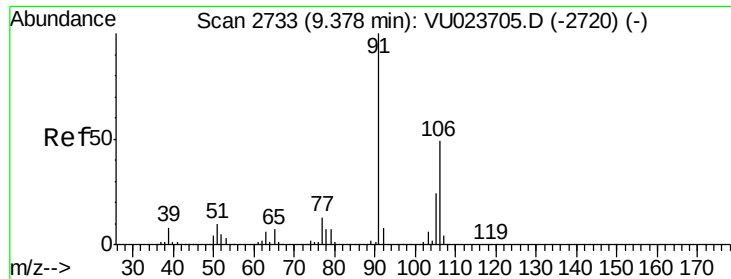
106 37.2 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 2968.27 ug/L m

RT: 9.39 min Scan# 2737

Delta R.T. 0.01 min

Lab File: VU023693.D

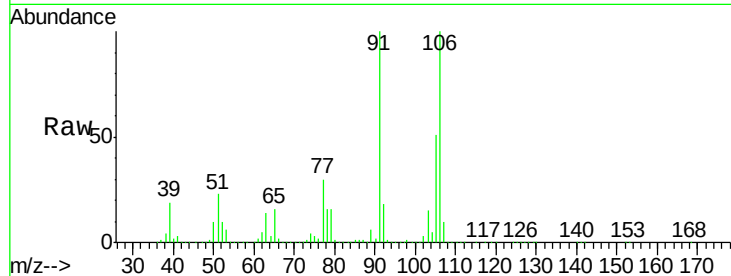
Acq: 06 May 2018 16:23

Tgt Ion:106 Resp:18088517

Ion Ratio Lower Upper

106 100

91 100.0 144.1 267.5#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

8000000

6000000

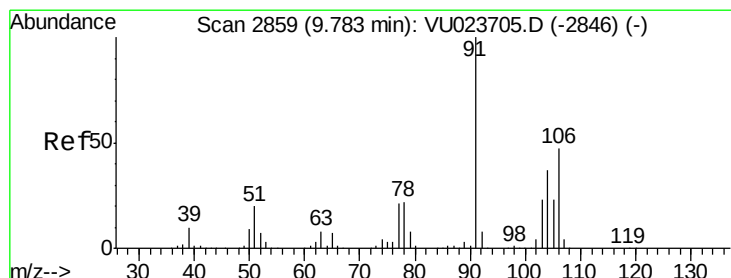
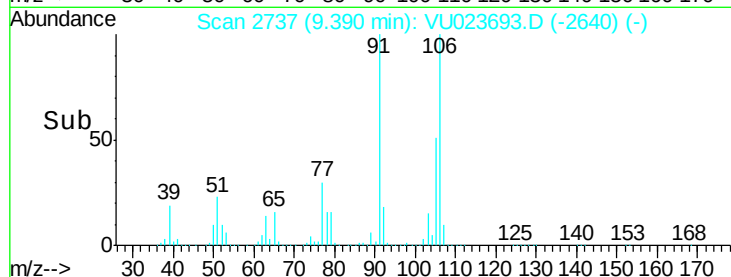
4000000

2000000

0

9.30 9.40 9.50

Time-->



#54

o-xylene

Concen: 1194.63 ug/L

RT: 9.79 min Scan# 2862

Delta R.T. 0.01 min

Lab File: VU023693.D

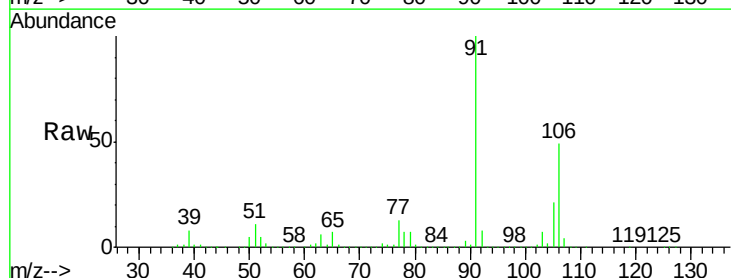
Acq: 06 May 2018 16:23

Tgt Ion:106 Resp: 6897358

Ion Ratio Lower Upper

106 100

91 203.6 148.9 276.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

8000000

6000000

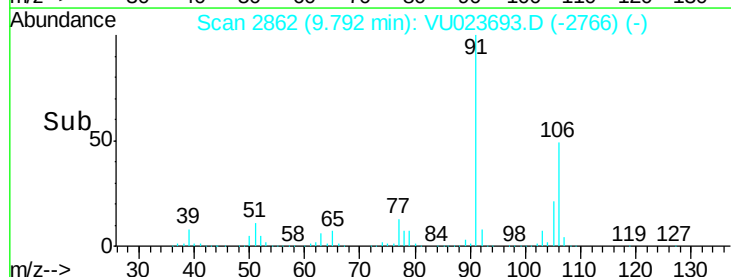
4000000

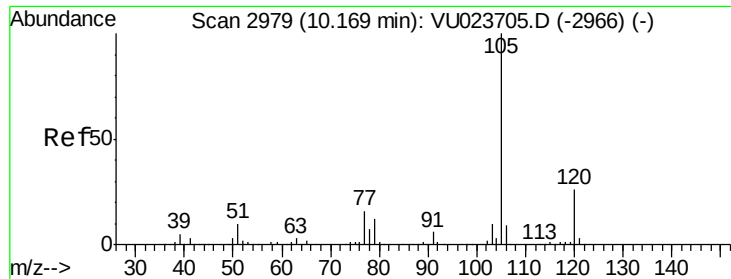
2000000

0

9.70 9.80 9.90

Time-->





#56

Isopropylbenzene

Concen: 39.70 ug/L

RT: 10.17 min Scan# 2981

Delta R.T. 0.00 min

Lab File: VU023693.D

Acq: 06 May 2018 16:23

Tgt Ion:	105	Resp:	601648
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.9	31.3
77	15.7	12.6	18.8

