

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
 Data File : VU023685.D
 Acq On : 06 May 2018 12:22
 Operator : MD/SY
 Sample : J2721-01
 Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 09:29:21 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	297376	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	300397	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	171508	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	122941	58.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.66%
7) Chloroethane-d5	1.64	69	64650	40.24	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.48%
11) 1,1-Dichloroethene-d2	2.24	63	166079	40.42	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.84%
21) 2-Butanone-d5	4.19	46	204856	140.68	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	140.68%#
24) Chloroform-d	4.65	84	211117	60.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.14%
26) 1,2-Dichloroethane-d4	5.31	65	150923	62.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.52%
32) Benzene-d6	5.34	84	485214	60.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.40%
36) 1,2-Dichloropropane-d6	6.33	67	162817	60.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.62%#
41) Toluene-d8	7.57	98	492156	66.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	132.46%#
43) trans-1,3-Dichloropropene-	7.86	79	71206	61.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.54%
47) 2-Hexanone-d5	8.33	63	177629	173.27	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	173.27%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	245062	70.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	140.36%#
64) 1,2-Dichlorobenzene-d4	11.87	152	213128	63.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.40%#

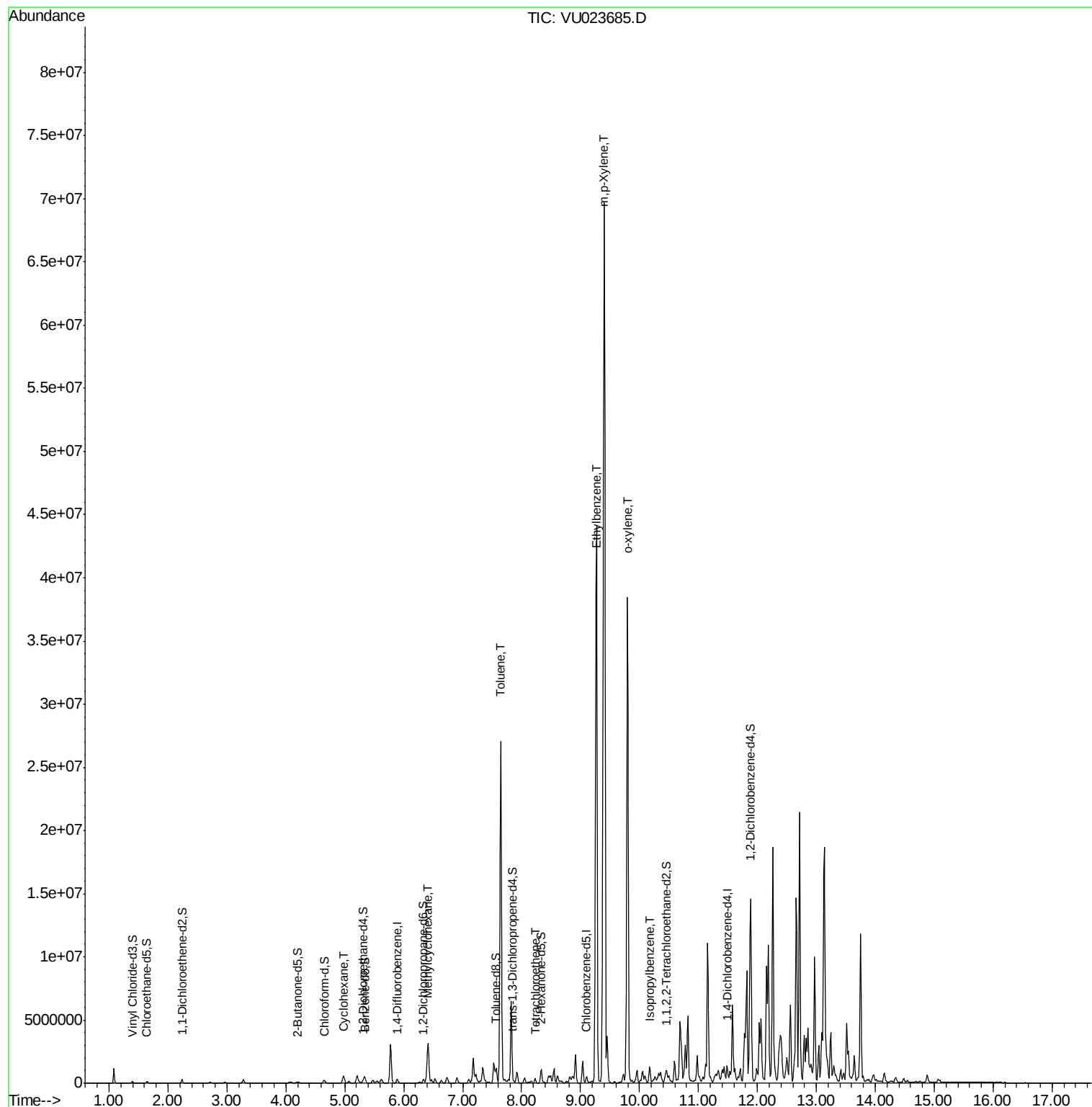
Target Compounds

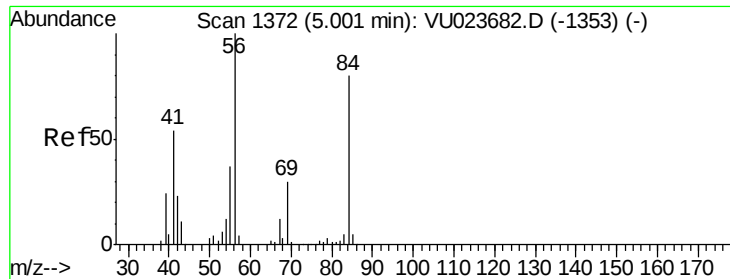
						Ovalue
29) Cyclohexane	4.98	56	179726	40.48	ug/L	# 77
35) Methylcyclohexane	6.41	83	1365906	321.98	ug/L	97
42) Toluene	7.64	91	18765509m	1710.35	ug/L	
46) Tetrachloroethene	8.23	164	7211	3.26	ug/L	94
52) Ethylbenzene	9.25	91	24017817m	2019.46	ug/L	
53) m,p-Xylene	9.39	106	23664220m	5216.67	ug/L	
54) o-xylene	9.80	106	11459688m	2666.40	ug/L	
56) Isopropylbenzene	10.17	105	801531	71.06	ug/L	99

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

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#29

Cyclohexane

Concen: 40.48 ug/L

RT: 4.98 min Scan# 1365

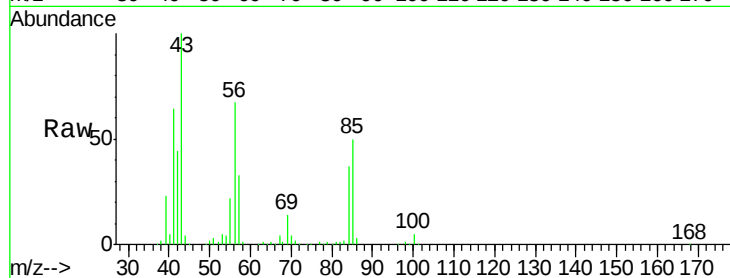
Delta R.T. -0.02 min

Lab File: VU023685.D

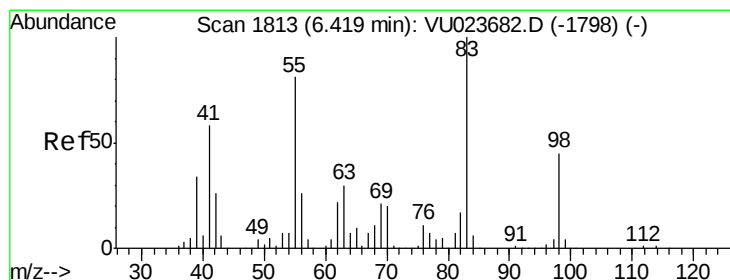
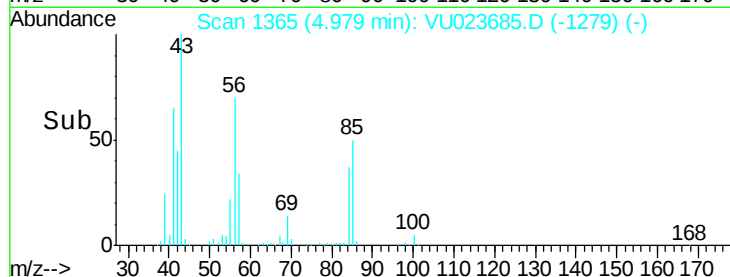
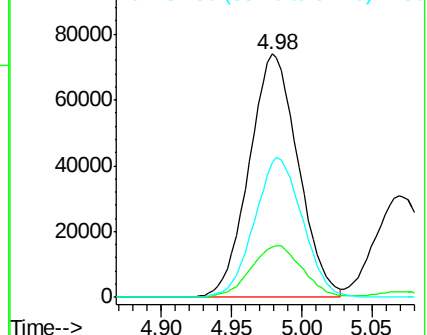
Acq: 06 May 2018 12:22

Tot Ion: 56 Resp: 179726

Ion	Ratio	Lower	Upper
56	100		
69	22.3	23.5	35.3#
84	56.1	63.8	95.8#



Abundance Ion 56.00 (55.70 to 56.70): VU023682.D (-1353) (-)



#35

Methylcyclohexane

Concen: 321.98 ug/L

RT: 6.41 min Scan# 1811

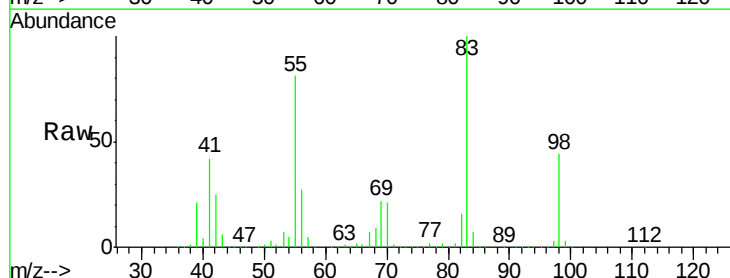
Delta R.T. -0.01 min

Lab File: VU023685.D

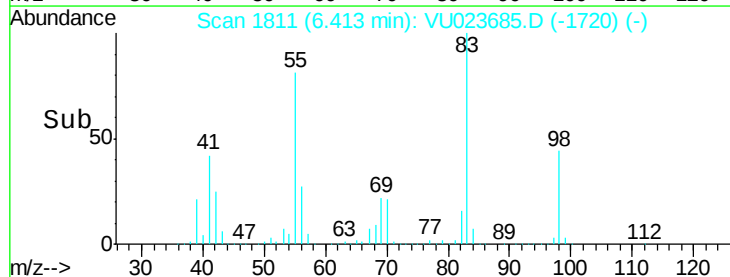
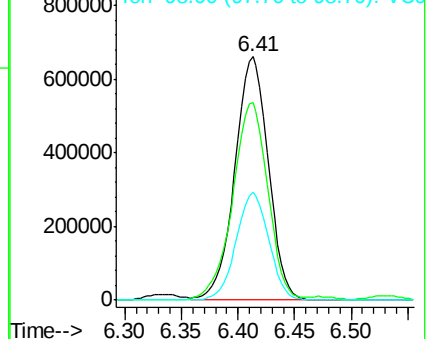
Acq: 06 May 2018 12:22

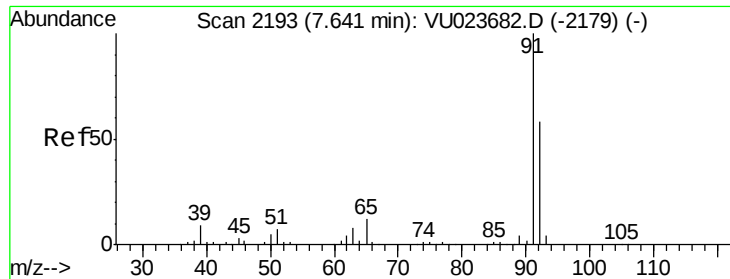
Tgt Ion: 83 Resp: 1365906

Ion	Ratio	Lower	Upper
83	100		
55	85.0	66.7	100.1
98	43.1	36.6	54.8



Abundance Ion 83.00 (82.70 to 83.70): VU023682.D (-1798) (-)





#42

Toluene

Concen: 1710.35 ug/L m

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU023685.D

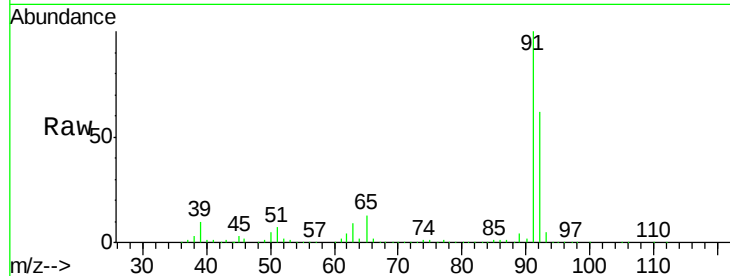
Acq: 06 May 2018 12:22

Tot Ion: 91 Resp:18765509

Ion Ratio Lower Upper

91 100

92 62.3 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU023682.D (-2179) (-)

Ion 92.00 (91.70 to 92.70): VU023682.D (-2179) (-)

7.64

8000000

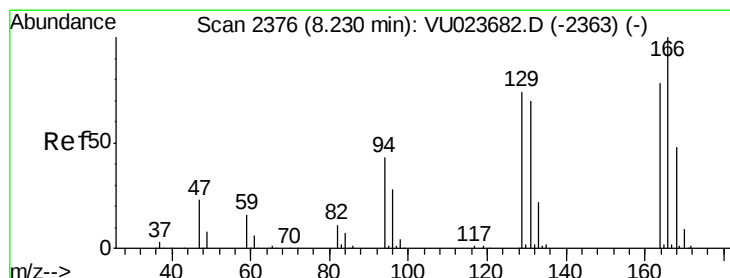
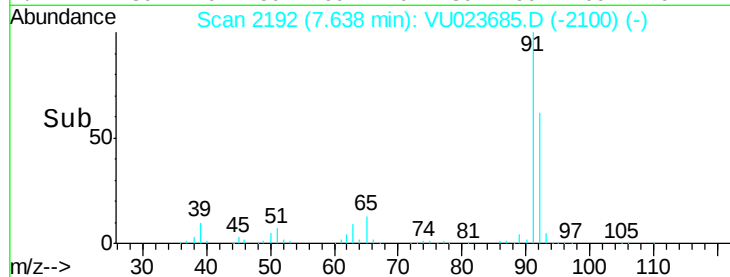
6000000

4000000

2000000

0

Time-->



#46

Tetrachloroethene

Concen: 3.26 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023685.D

Acq: 06 May 2018 12:22

Tgt Ion:164 Resp: 7211

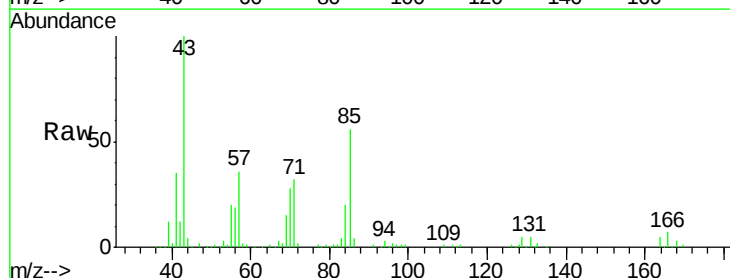
Ion Ratio Lower Upper

164 100

129 101.9 64.2 119.2

131 89.7 64.1 119.1

166 133.9 89.4 166.0



Abundance Ion 164.00 (163.70 to 164.70): VU023682.D (-2363) (-)

Ion 129.00 (128.70 to 129.70): VU023682.D (-2363) (-)

Ion 131.00 (130.70 to 131.70): VU023682.D (-2363) (-)

Ion 166.00 (165.70 to 166.70): VU023682.D (-2363) (-)

8000

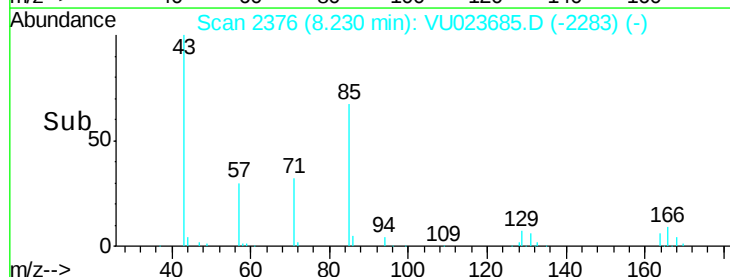
6000

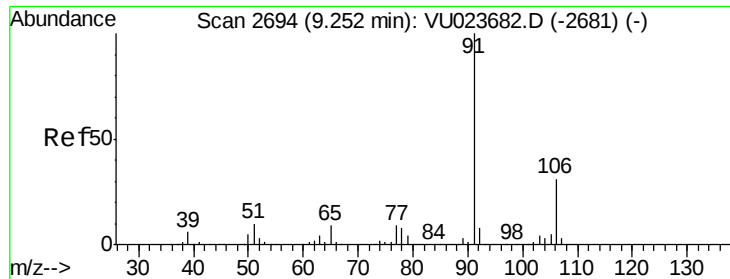
4000

2000

0

Time-->





#52

Ethylbenzene

Concen: 2019.46 ug/L m

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023685.D

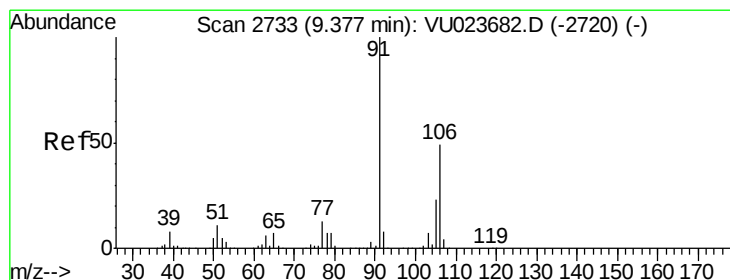
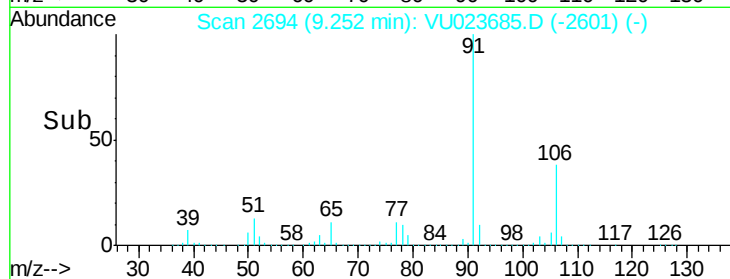
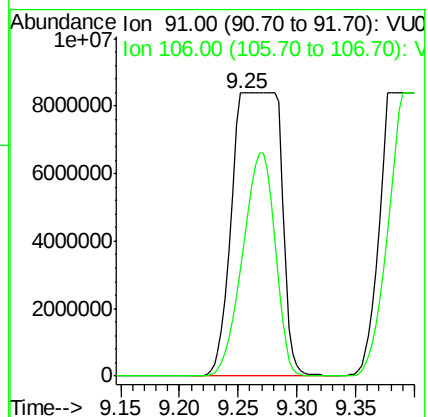
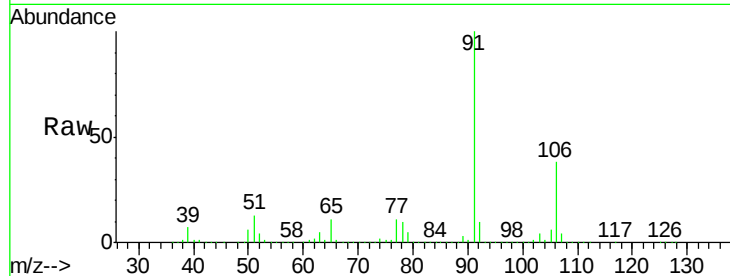
Acq: 06 May 2018 12:22

Tot Ion: 91 Resp:24017817

Ion Ratio Lower Upper

91 100

106 37.6 21.6 40.0



#53

m,p-Xylene

Concen: 5216.67 ug/L m

RT: 9.39 min Scan# 2737

Delta R.T. 0.01 min

Lab File: VU023685.D

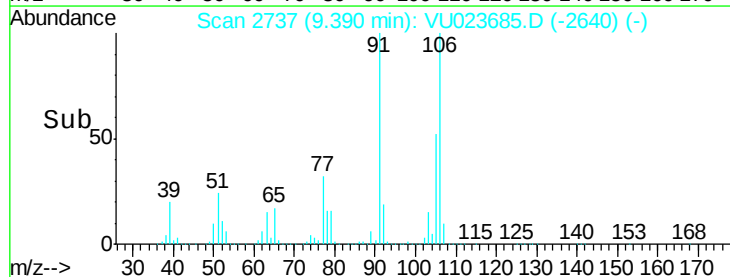
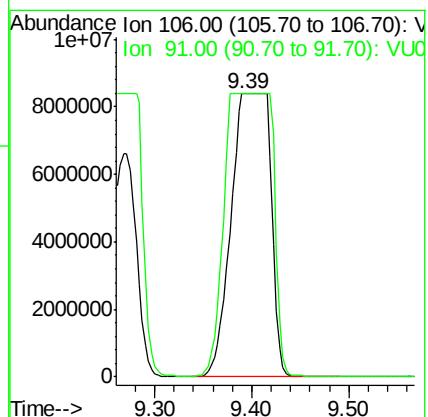
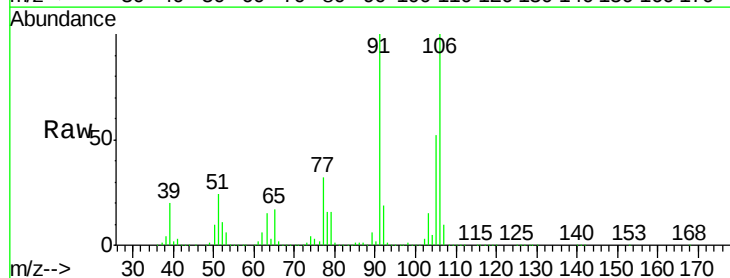
Acq: 06 May 2018 12:22

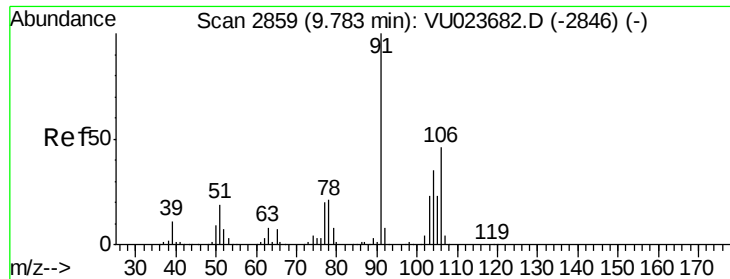
Tgt Ion:106 Resp:23664220

Ion Ratio Lower Upper

106 100

91 100.0 144.1 267.5#





#54

o-xylene

Concen: 2666.40 ug/L m

RT: 9.80 min Scan# 2864

Delta R.T. 0.02 min

Lab File: VU023685.D

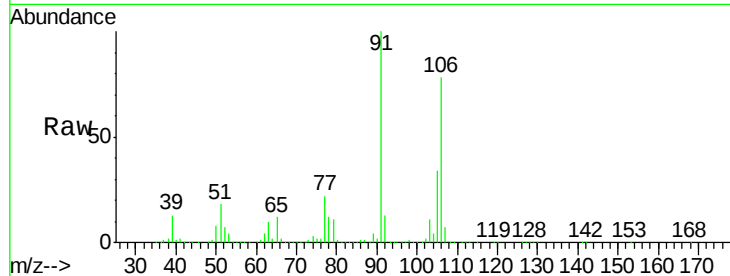
Acq: 06 May 2018 12:22

Tot Ion:106 Resp:11459688

Ion Ratio Lower Upper

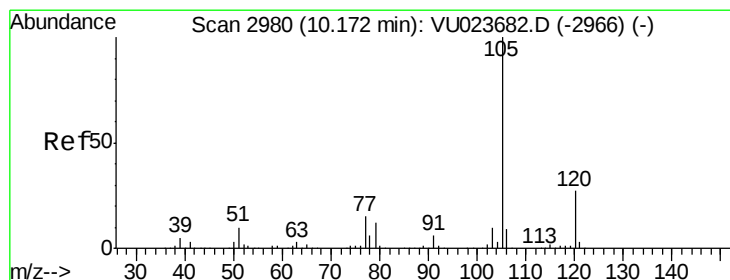
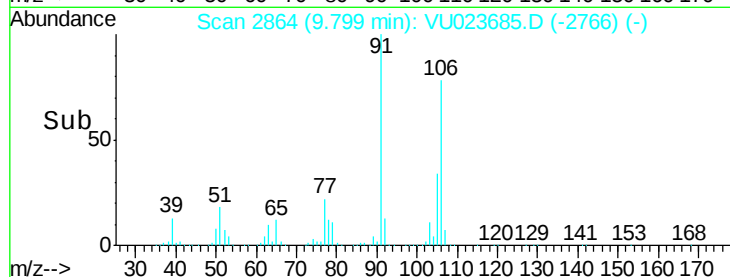
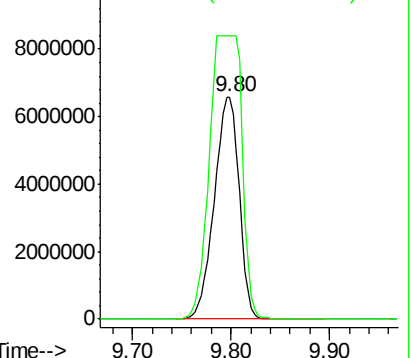
106 100

91 127.5 148.9 276.5#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 71.06 ug/L

RT: 10.17 min Scan# 2981

Delta R.T. 0.00 min

Lab File: VU023685.D

Acq: 06 May 2018 12:22

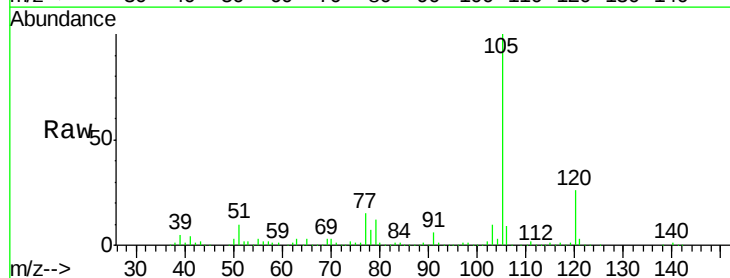
Tgt Ion:105 Resp: 801531

Ion Ratio Lower Upper

105 100

120 26.5 20.9 31.3

77 15.7 12.6 18.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

