

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050618\
 Data File : VU023687.D
 Acq On : 06 May 2018 13:15
 Operator : MD/SY
 Sample : J2721-04
 Misc : 5.36g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 07 09:30:59 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	400251	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	402999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	221766	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109976	38.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.54%
7) Chloroethane-d5	1.64	69	56147	25.97	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.94%#
11) 1,1-Dichloroethene-d2	2.24	63	151284	27.35	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.70%#
21) 2-Butanone-d5	4.19	46	197215	100.62	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	4.65	84	186426	39.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.48%
26) 1,2-Dichloroethane-d4	5.31	65	128645	39.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.86%
32) Benzene-d6	5.34	84	418996	38.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.50%
36) 1,2-Dichloropropane-d6	6.33	67	140518	38.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.60%
41) Toluene-d8	7.57	98	456901	45.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.68%
43) trans-1,3-Dichloropropene-	7.86	79	64441	41.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.66%
47) 2-Hexanone-d5	8.33	63	164949	119.93	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.93%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	222137	47.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.84%
64) 1,2-Dichlorobenzene-d4	11.87	152	185694	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%

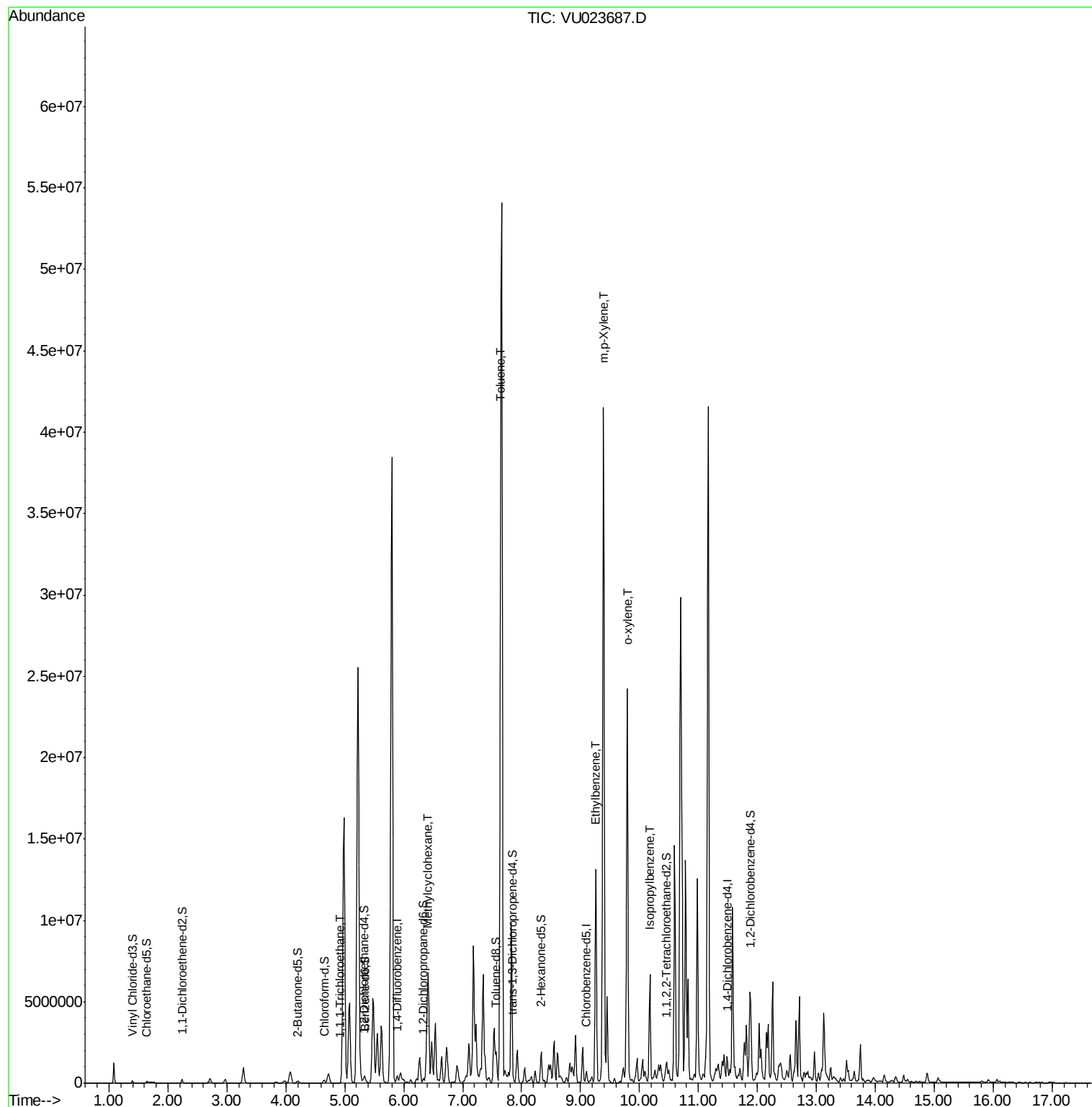
Target Compounds

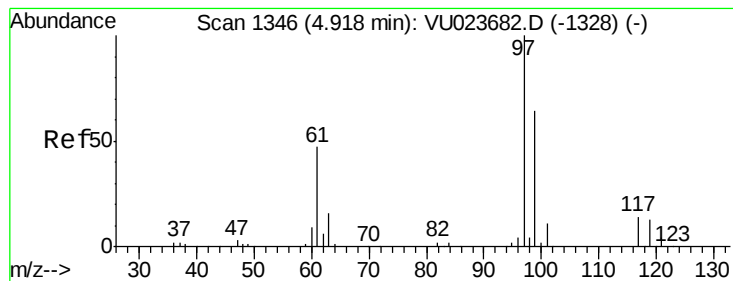
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) 1,1,1-Trichloroethane	4.91	97	15518	3.04	ug/L	100
35) Methylcyclohexane	6.42	83	2973201	522.42	ug/L	91
42) Toluene	7.63	91	28126184m	1910.85	ug/L	
52) Ethylbenzene	9.26	91	9876735	619.02	ug/L	98
53) m,p-Xylene	9.39	106	13387645m	2199.87	ug/L	
54) o-xylene	9.79	106	6870403	1191.59	ug/L	95
56) Isopropylbenzene	10.17	105	4400216	290.78	ug/L	99

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

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#30

1,1,1-Trichloroethane

Concen: 3.04 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VU023687.D

Acq: 06 May 2018 13:15

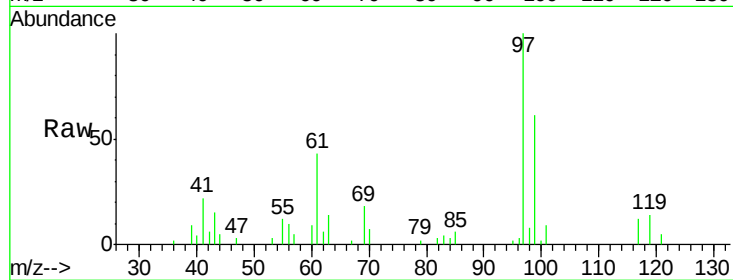
Tot Ion: 97 Resp: 15518

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

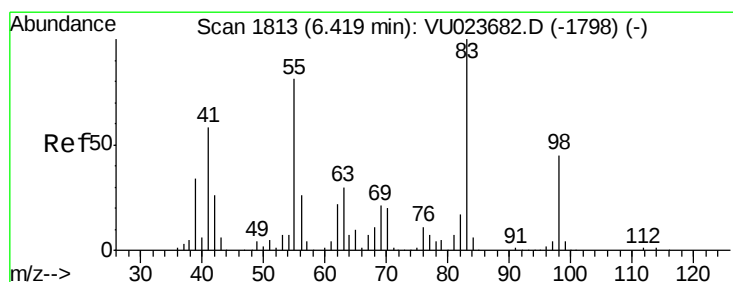
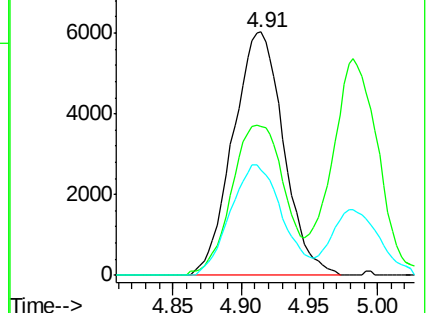
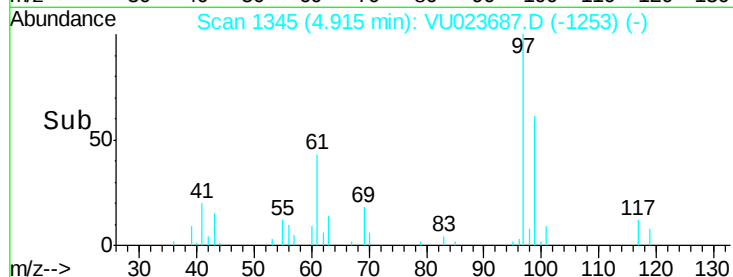
61 46.8 37.7 56.5



Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.05 (60.75 to 61.75): VU0



#35

Methylcyclohexane

Concen: 522.42 ug/L

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU023687.D

Acq: 06 May 2018 13:15

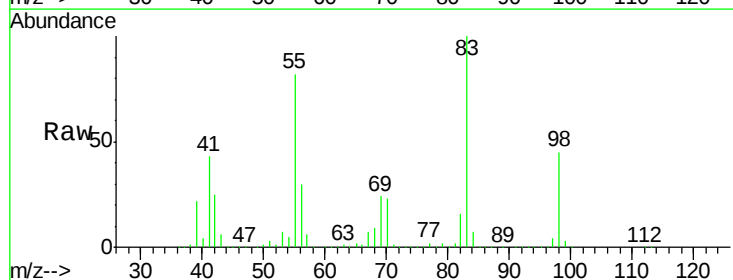
Tgt Ion: 83 Resp: 2973201

Ion Ratio Lower Upper

83 100

55 94.5 66.7 100.1

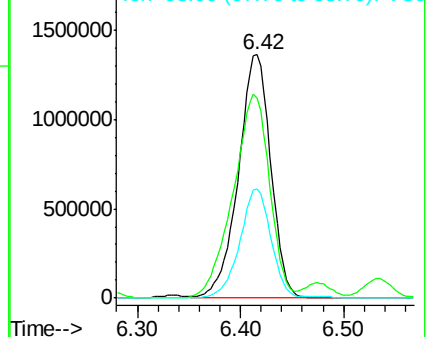
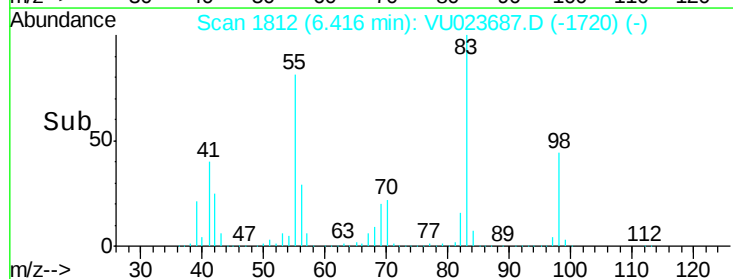
98 43.3 36.6 54.8

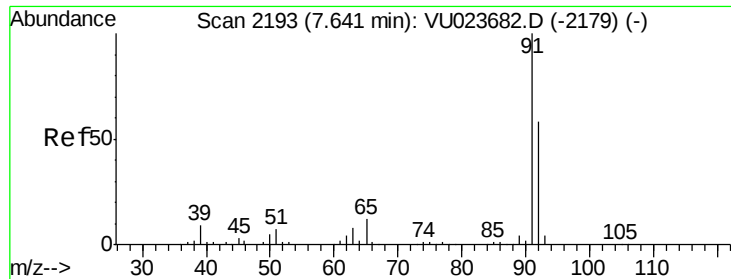


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#42

Toluene

Concen: 1910.85 ug/L m

RT: 7.63 min Scan# 2191

Delta R.T. -0.01 min

Lab File: VU023687.D

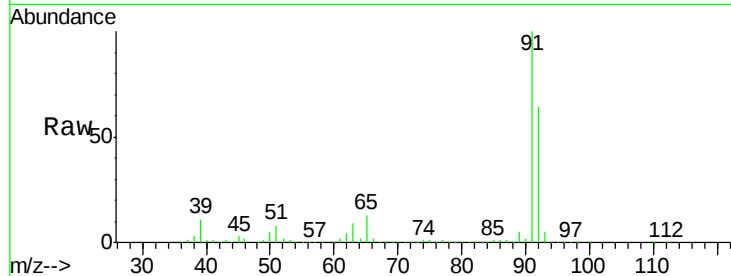
Acq: 06 May 2018 13:15

Tot Ion: 91 Resp: 28126184

Ion Ratio Lower Upper

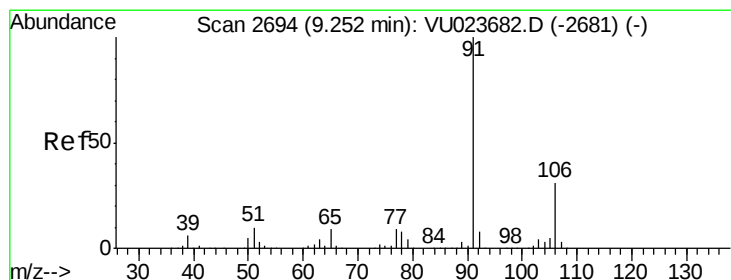
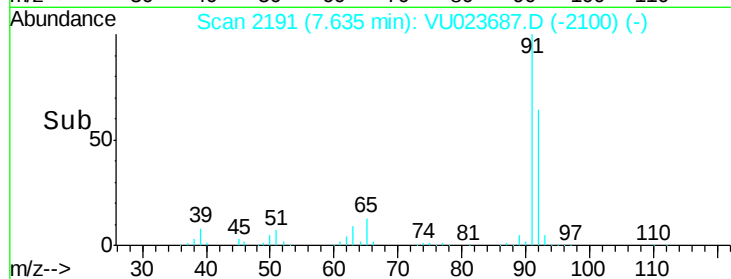
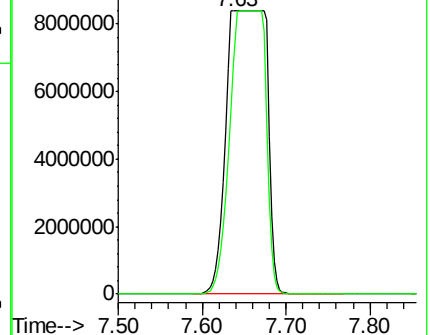
91 100

92 64.3 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: 619.02 ug/L

RT: 9.26 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VU023687.D

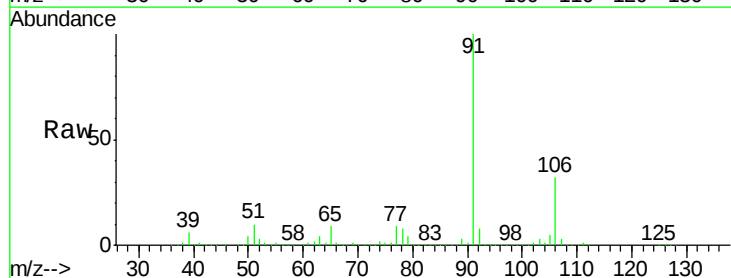
Acq: 06 May 2018 13:15

Tgt Ion: 91 Resp: 9876735

Ion Ratio Lower Upper

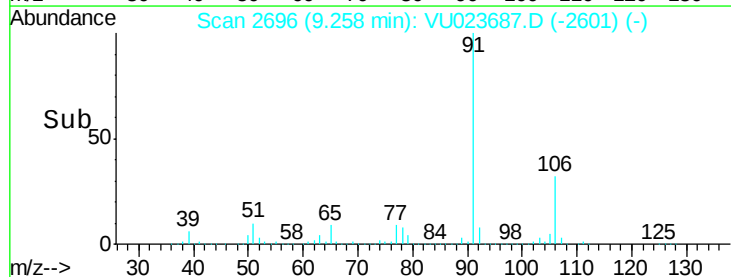
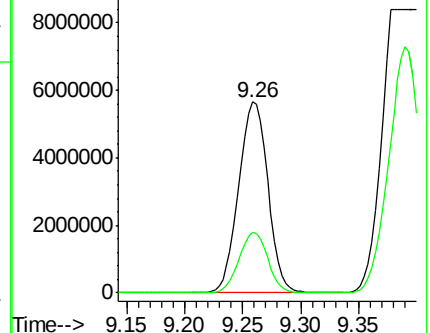
91 100

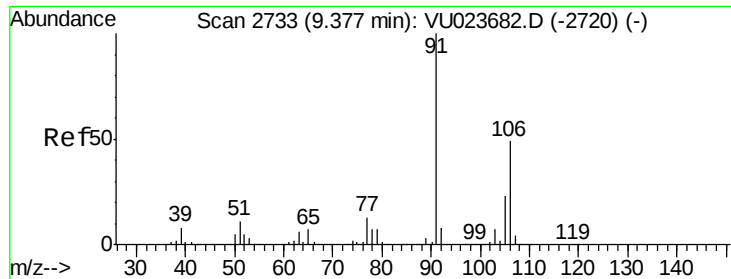
106 31.8 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 2199.87 ug/L m

RT: 9.39 min Scan# 2737

Delta R.T. 0.01 min

Lab File: VU023687.D

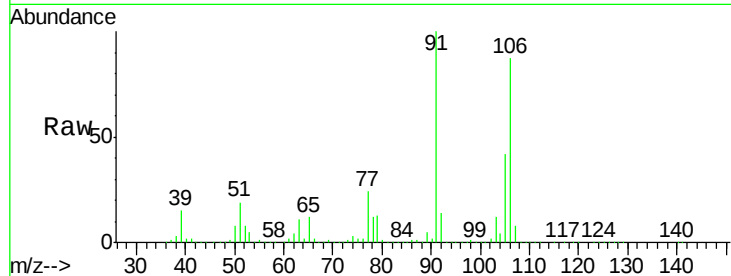
Acq: 06 May 2018 13:15

Tot Ion:106 Resp:13387645

Ion Ratio Lower Upper

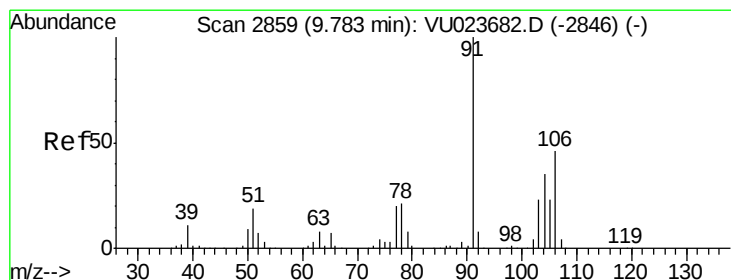
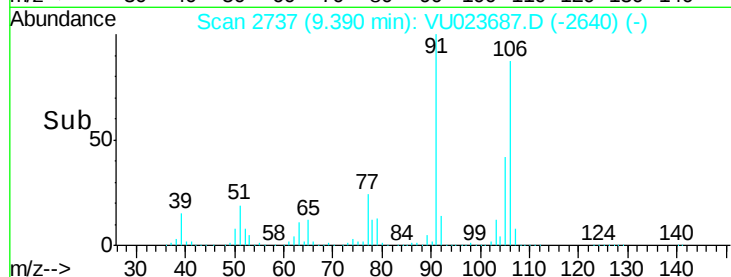
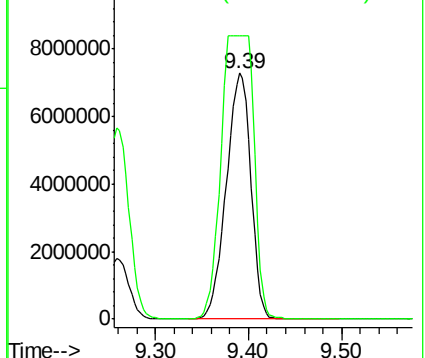
106 100

91 115.2 144.1 267.5#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1191.59 ug/L

RT: 9.79 min Scan# 2862

Delta R.T. 0.01 min

Lab File: VU023687.D

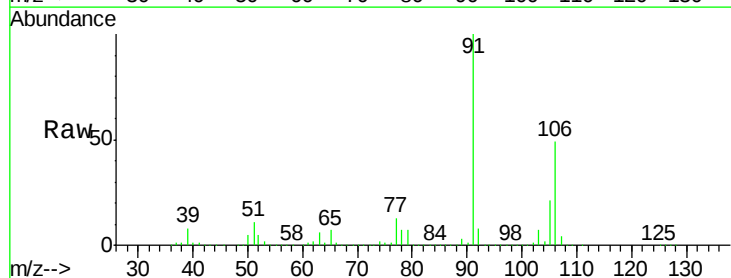
Acq: 06 May 2018 13:15

Tgt Ion:106 Resp: 6870403

Ion Ratio Lower Upper

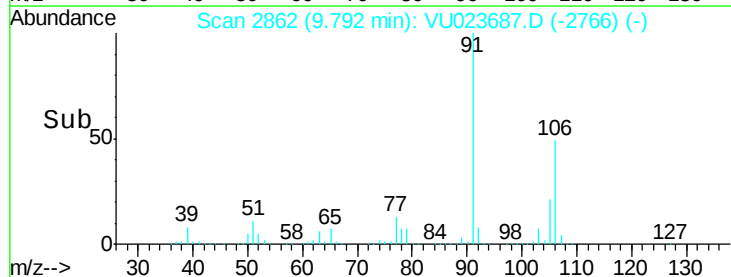
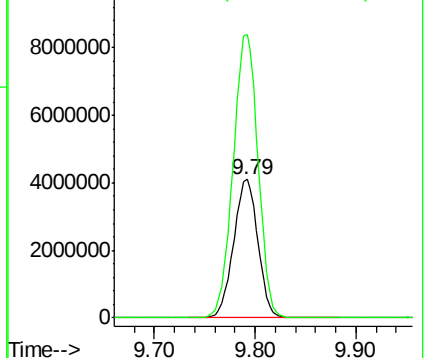
106 100

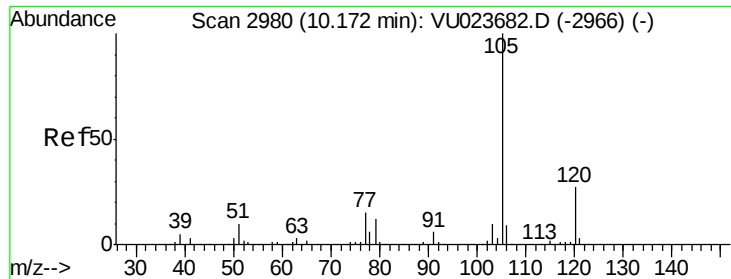
91 204.5 148.9 276.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56
 Isopropylbenzene
 Concen: 290.78 ug/L
 RT: 10.17 min Scan# 2981
 Delta R.T. 0.00 min
 Lab File: VU023687.D
 Acq: 06 May 2018 13:15

Tot Ion:	105	Resp:	4400216
Ion	Ratio	Lower	Upper
105	100		
120	26.7	20.9	31.3
77	15.4	12.6	18.8

