

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023744.D
 Acq On : 08 May 2018 18:17
 Operator : MD/SY
 Sample : J2725-05DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 09 04:22:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 09 03:02:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	350499	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	333379	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	177675	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121336	44.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.52%
7) Chloroethane-d5	1.68	69	96114	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.90%
11) 1,1-Dichloroethene-d2	2.27	63	179793	35.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.78%
21) 2-Butanone-d5	4.18	46	204740	101.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.48%
24) Chloroform-d	4.65	84	215124	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
26) 1,2-Dichloroethane-d4	5.31	65	143198	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
32) Benzene-d6	5.35	84	454192	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
36) 1,2-Dichloropropane-d6	6.34	67	152864	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.88%
41) Toluene-d8	7.57	98	414604	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%
43) trans-1,3-Dichloropropene-	7.85	79	62904	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.08%
47) 2-Hexanone-d5	8.31	63	146744	105.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.15%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	204194	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	176785	48.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.08%

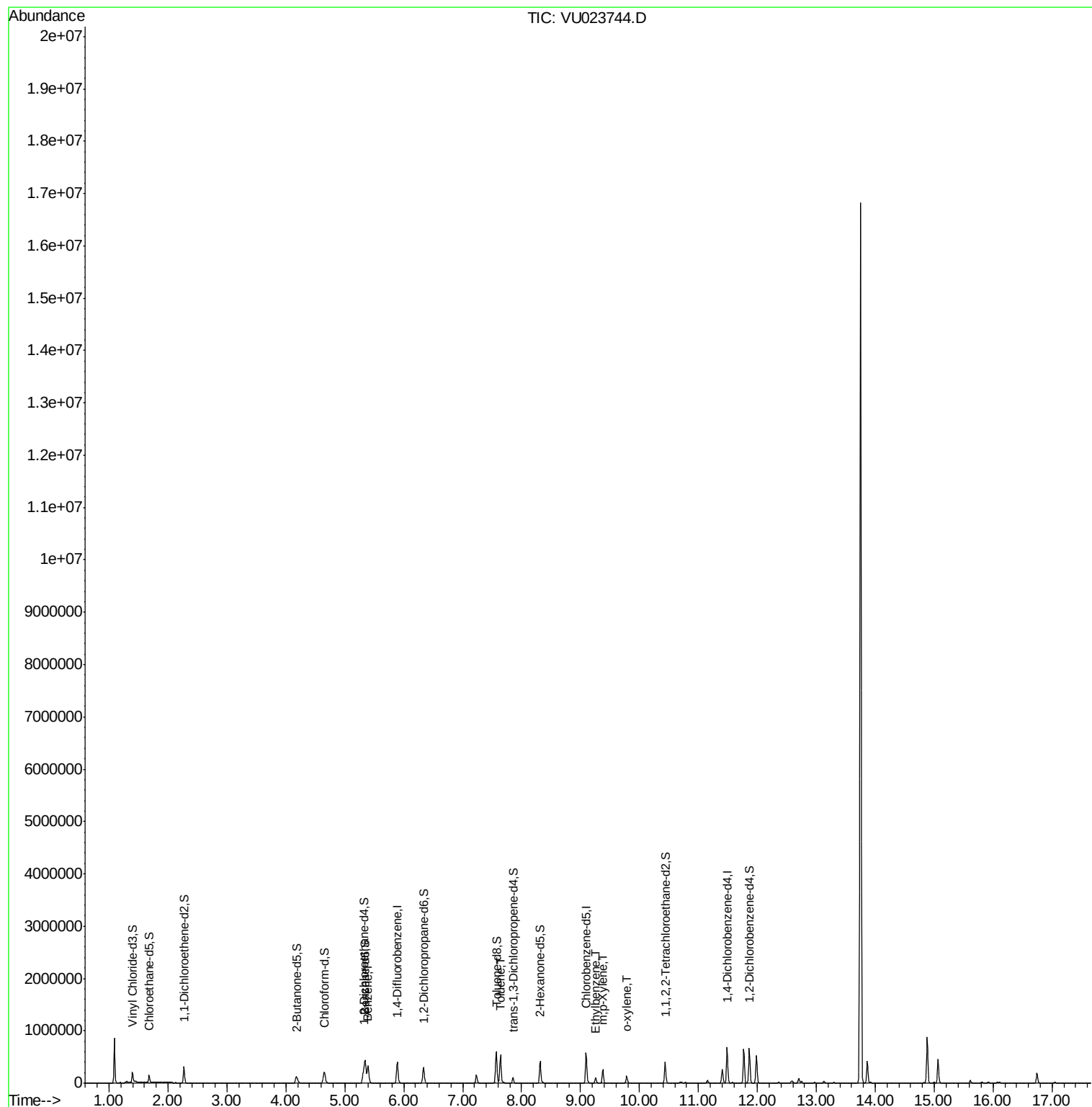
Target Compounds

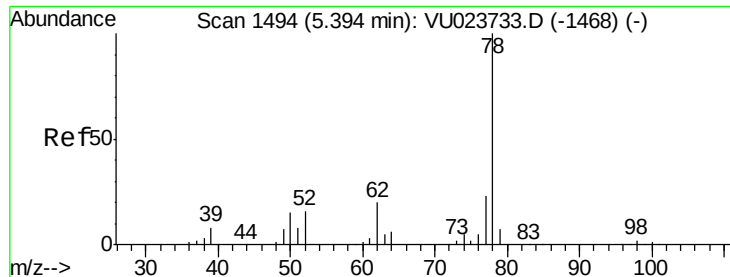
					Ovalue
33) Benzene	5.39	78	323065	28.76	ug/L 100
42) Toluene	7.64	91	408260	34.78	ug/L 99
52) Ethylbenzene	9.26	91	73768	5.71	ug/L 100
53) m,p-Xylene	9.38	106	75168	15.31	ug/L 100
54) o-xylene	9.78	106	37088	7.74	ug/L 100

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

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#33

Benzene

Concen: 28.76 ug/L

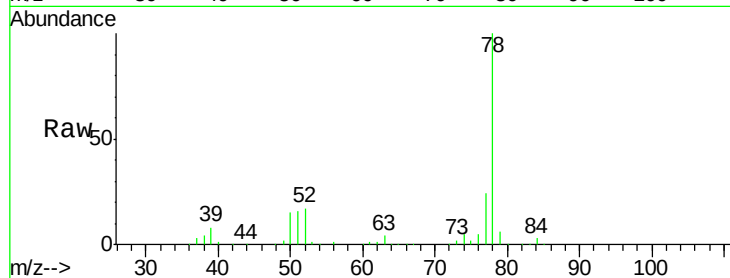
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

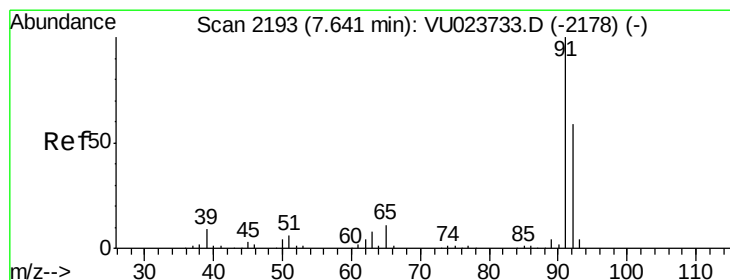
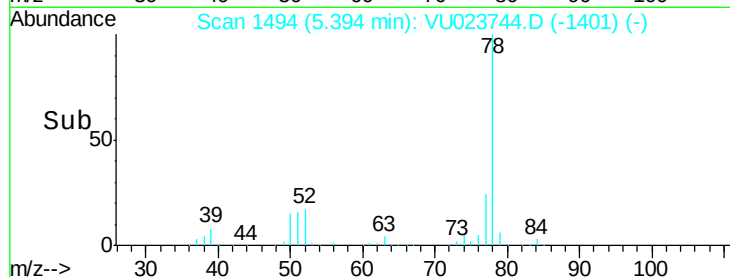
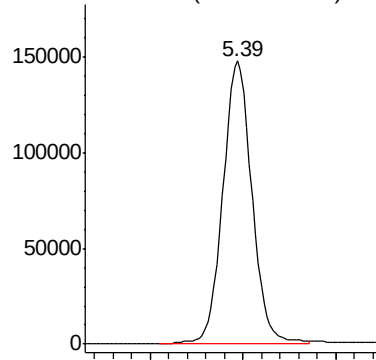
Lab File: VU023744.D

Acq: 08 May 2018 18:17

Tgt Ion: 78 Resp: 323065



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 34.78 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023744.D

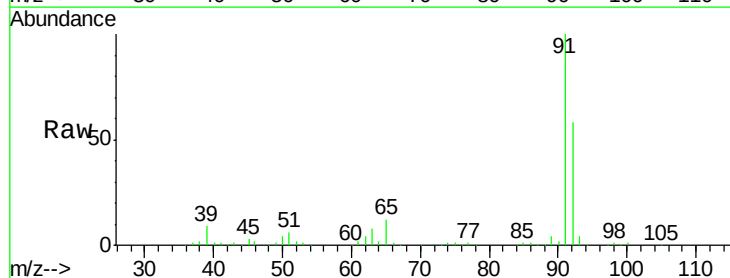
Acq: 08 May 2018 18:17

Tgt Ion: 91 Resp: 408260

Ion Ratio Lower Upper

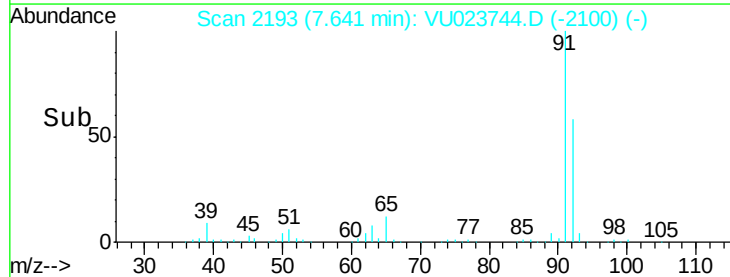
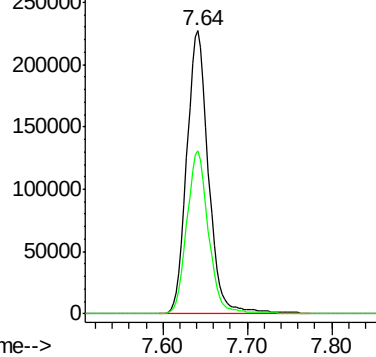
91 100

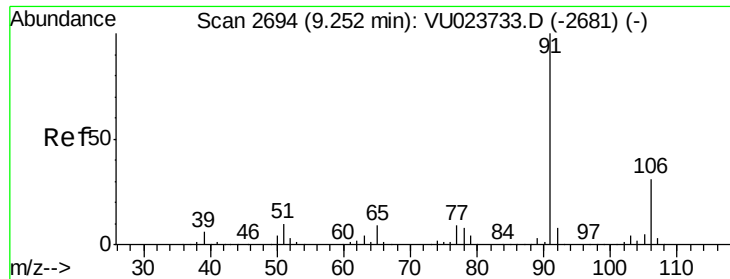
92 57.8 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 5.71 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023744.D

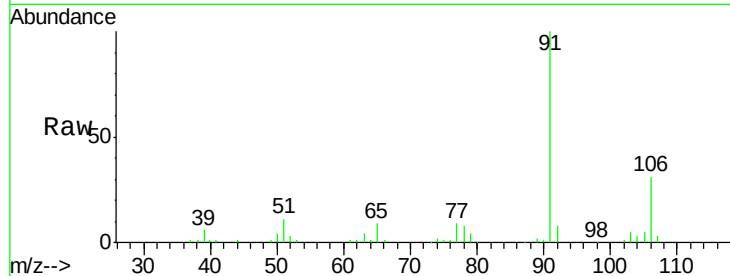
Acq: 08 May 2018 18:17

Tot Ion: 91 Resp: 73768

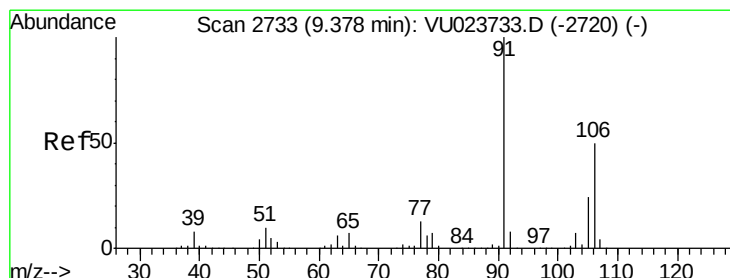
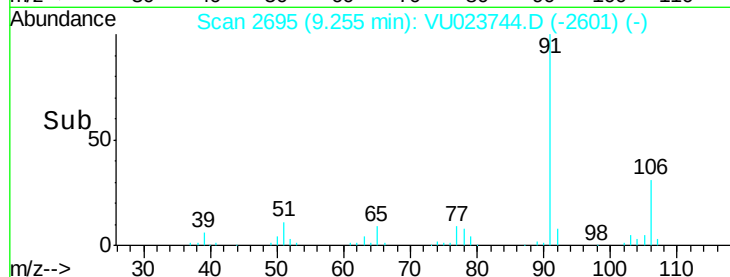
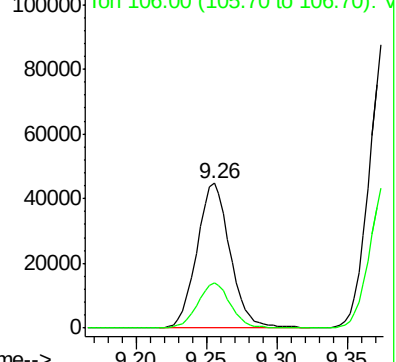
Ion Ratio Lower Upper

91 100

106 30.9 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VU023733.D (-2681) (-)



#53

m,p-Xylene

Concen: 15.31 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023744.D

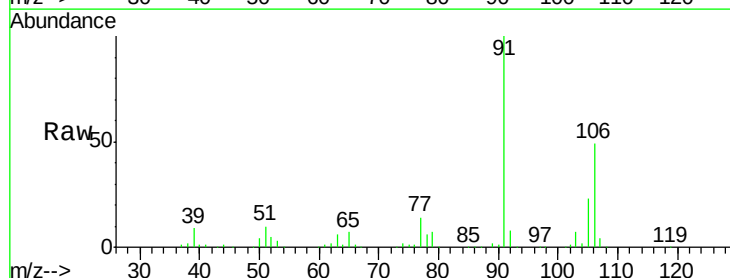
Acq: 08 May 2018 18:17

Tgt Ion: 106 Resp: 75168

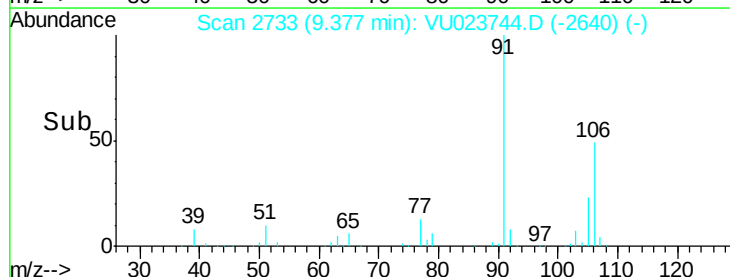
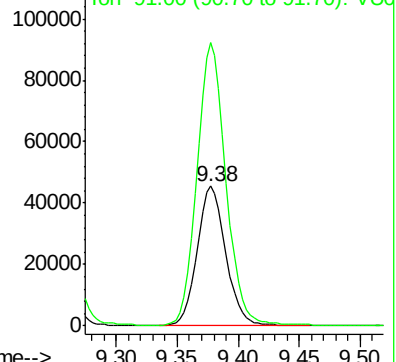
Ion Ratio Lower Upper

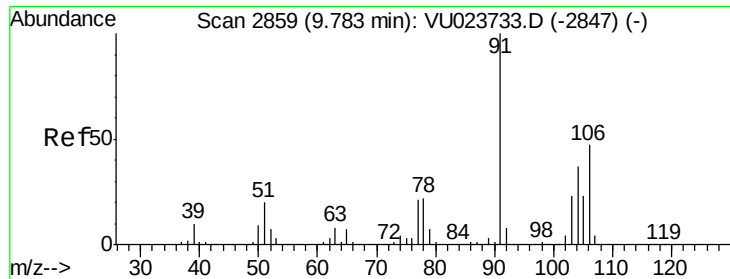
106 100

91 203.0 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): VU023733.D (-2720) (-)





#54
 o-xylene
 Concen: 7.74 ug/L
 RT: 9.78 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: VU023744.D
 Acq: 08 May 2018 18:17

Tot Ion:106 Resp: 37088
 Ion Ratio Lower Upper
 106 100
 91 218.6 152.6 283.4

