

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023716.D
 Acq On : 07 May 2018 15:28
 Operator : MD/SY
 Sample : J2725-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 15 16:30:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 08 04:32:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	358160	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	347106	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	178124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94997	37.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.84%
7) Chloroethane-d5	1.68	69	77321	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.92%
11) 1,1-Dichloroethene-d2	2.27	63	144170	29.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.26%#
21) 2-Butanone-d5	4.18	46	232997	132.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.85%#
24) Chloroform-d	4.65	84	189723	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
26) 1,2-Dichloroethane-d4	5.31	65	130681	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
32) Benzene-d6	5.35	84	404839	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.94%
36) 1,2-Dichloropropane-d6	6.34	67	137367	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.08%
41) Toluene-d8	7.57	98	362054	42.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.34%
43) trans-1,3-Dichloropropene-	7.85	79	57151	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.12%
47) 2-Hexanone-d5	8.31	63	181521	153.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	153.23%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	200390	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	160157	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%

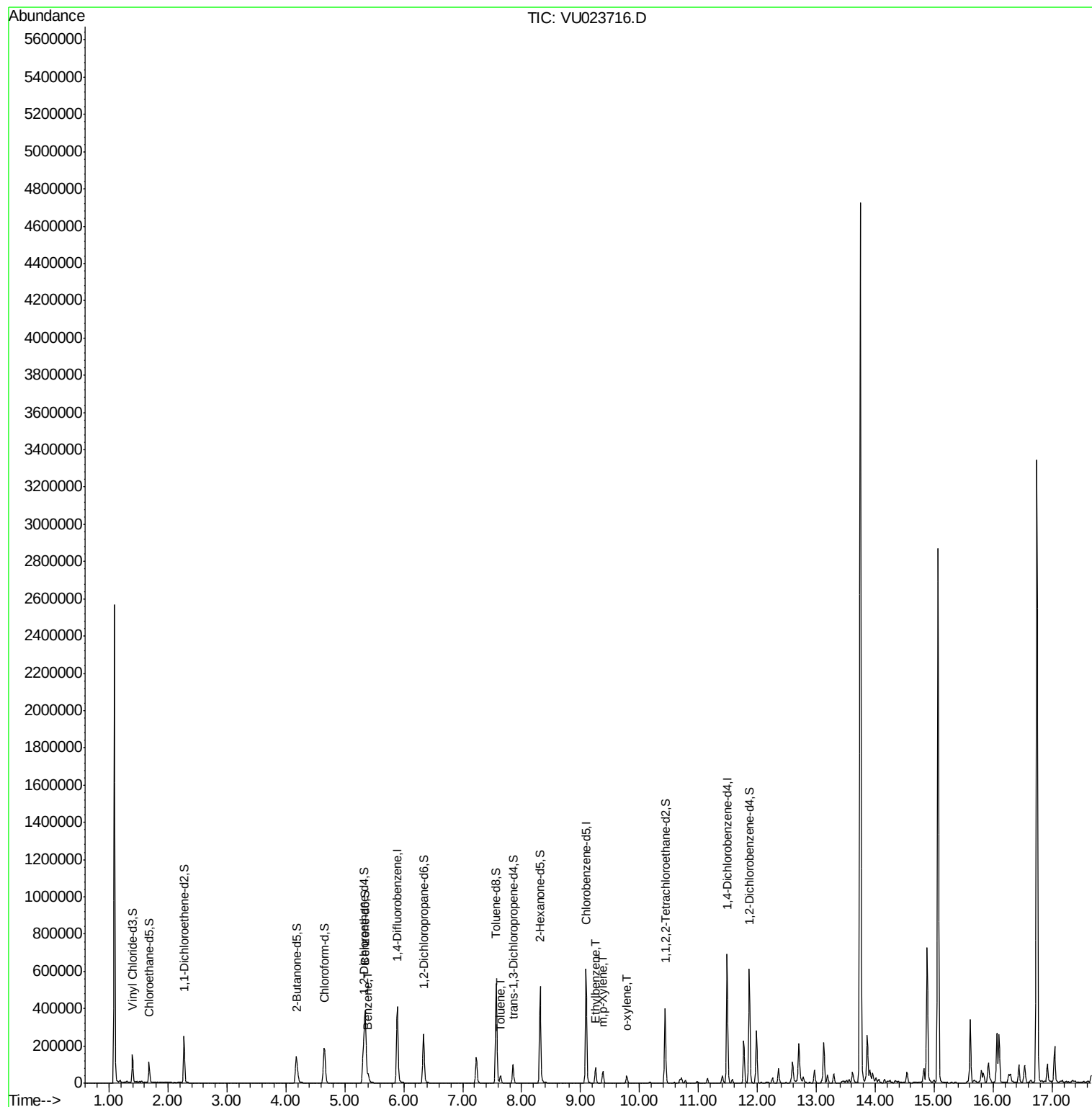
Target Compounds

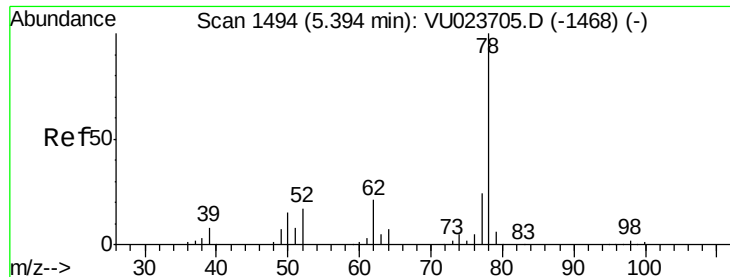
					Ovalue
33) Benzene	5.39	78	40240	3.29	ug/L 100
42) Toluene	7.64	91	28922	2.28	ug/L 98
52) Ethylbenzene	9.26	91	56969	4.15	ug/L 100
53) m,p-Xylene	9.38	106	19152	3.65	ug/L 98
54) o-xylene	9.78	106	10862	2.19	ug/L 93

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

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#33

Benzene

Concen: 3.29 ug/L

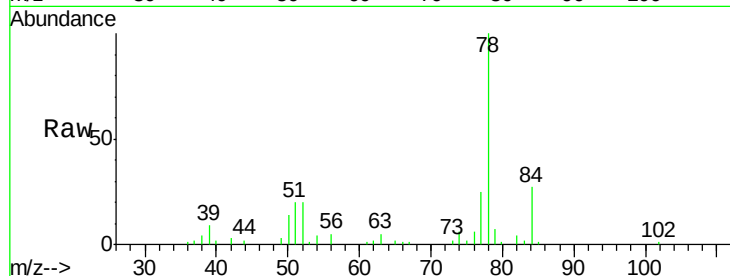
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

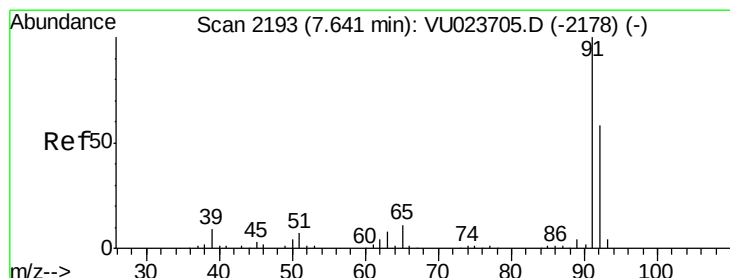
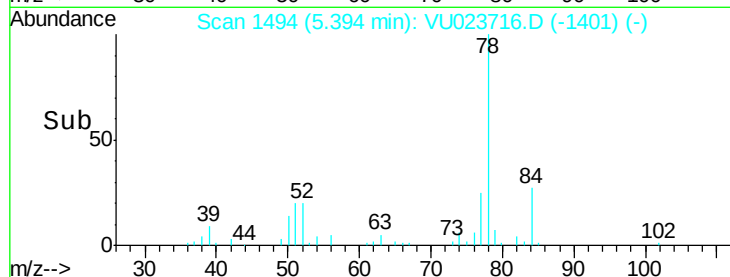
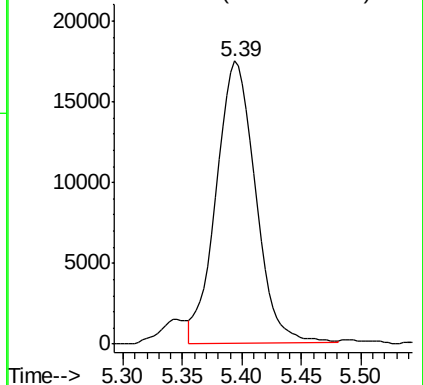
Lab File: VU023716.D

Acq: 07 May 2018 15:28

Tgt Ion: 78 Resp: 40240



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 2.28 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023716.D

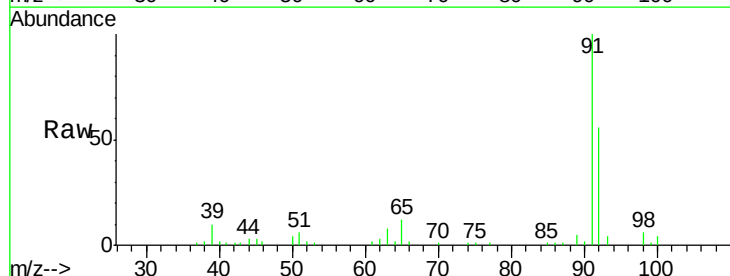
Acq: 07 May 2018 15:28

Tgt Ion: 91 Resp: 28922

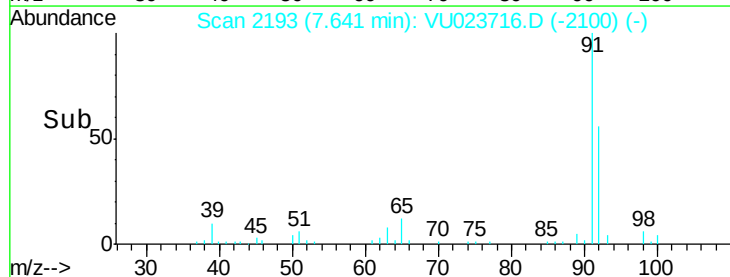
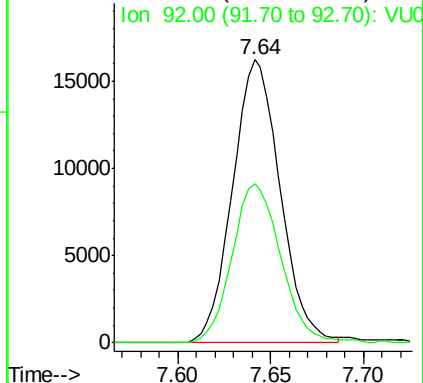
Ion Ratio Lower Upper

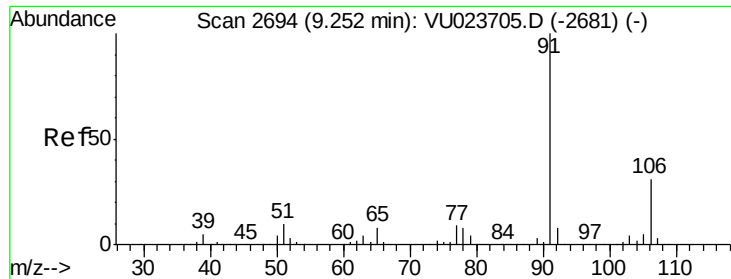
91 100

92 56.3 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0





#52

Ethylbenzene

Concen: 4.15 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023716.D

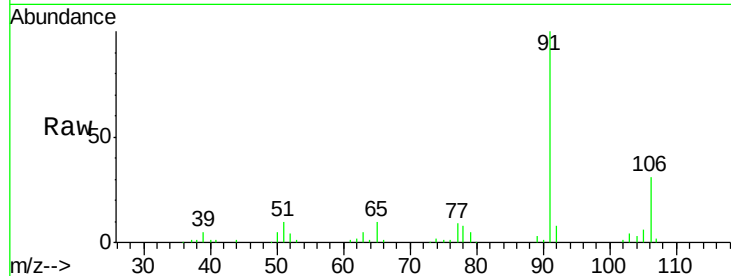
Acq: 07 May 2018 15:28

Tot Ion: 91 Resp: 56969

Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

9.26

40000

30000

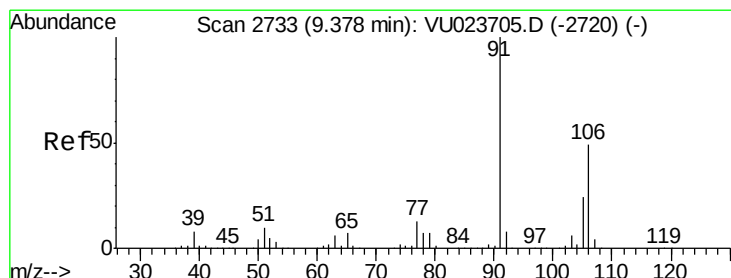
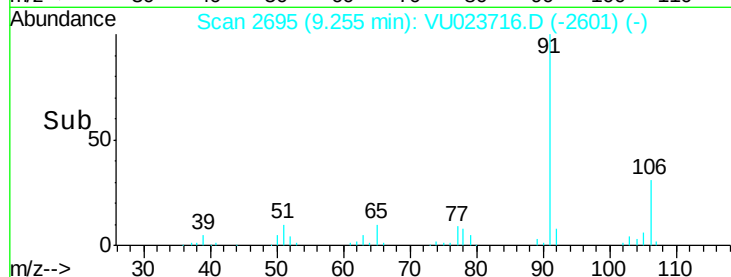
20000

10000

0

9.20 9.25 9.30

Time-->



#53

m,p-Xylene

Concen: 3.65 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU023716.D

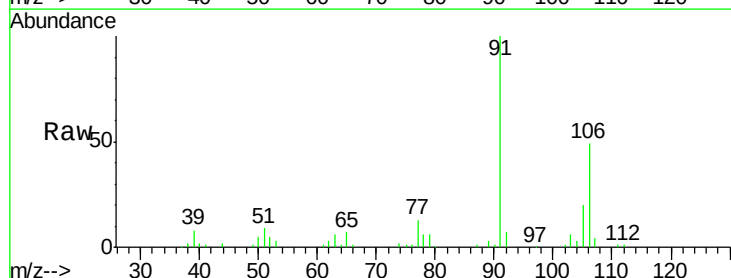
Acq: 07 May 2018 15:28

Tgt Ion: 106 Resp: 19152

Ion Ratio Lower Upper

106 100

91 203.2 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

9.38

25000

20000

15000

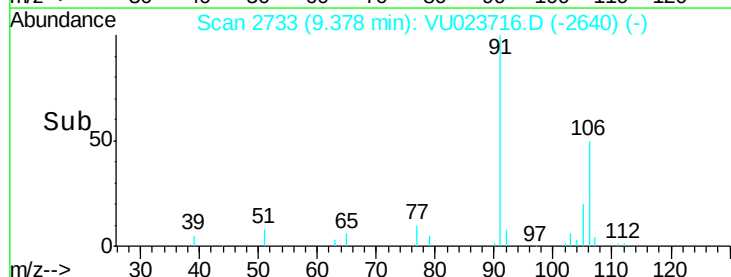
10000

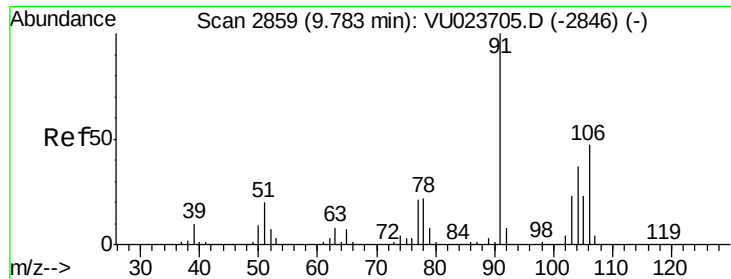
5000

0

9.35 9.40 9.45

Time-->





#54
 o-xylene
 Concen: 2.19 ug/L
 RT: 9.78 min Scan# 2859
 Delta R.T. 0.00 min
 Lab File: VU023716.D
 Acq: 07 May 2018 15:28

Tot Ion:106 Resp: 10862
 Ion Ratio Lower Upper
 106 100
 91 224.1 148.9 276.5

