

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028824.D
 Acq On : 20 Dec 2018 15:06
 Operator : MD/SY
 Sample : J6468-20
 Misc : 6.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JH6

Quant Time: Dec 21 04:54:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 03:50:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	228356	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109137	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69486	37.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.92%
7) Chloroethane-d5	1.64	69	38832	27.46	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.92%#
11) 1,1-Dichloroethene-d2	2.23	63	89831	29.18	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.36%#
21) 2-Butanone-d5	4.19	46	113351	88.37	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.37%
24) Chloroform-d	4.64	84	116953	40.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.26%
26) 1,2-Dichloroethane-d4	5.30	65	73793	41.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.16%
32) Benzene-d6	5.33	84	257387	41.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.38%
36) 1,2-Dichloropropane-d6	6.33	67	90216	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.98%
41) Toluene-d8	7.56	98	231798	40.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.86%
43) trans-1,3-Dichloropropene-	7.85	79	39798	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.68%
47) 2-Hexanone-d5	8.32	63	100037	99.21	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.21%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	138129	46.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	95347	43.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.40%

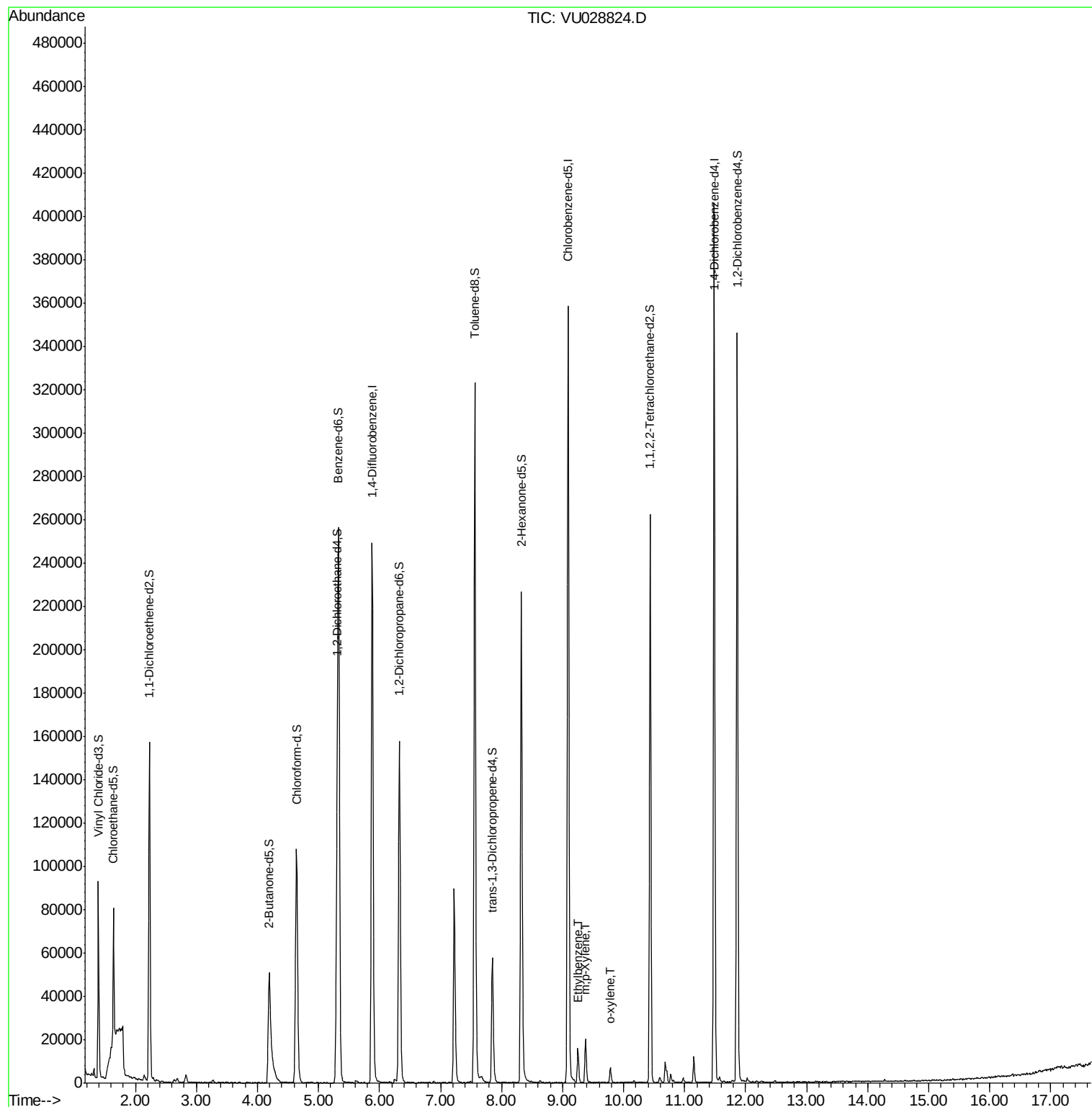
Target Compounds					Qvalue
52) Ethylbenzene	9.25	91	13633	1.777 ug/L	99
53) m,p-Xylene	9.38	106	6803	2.398 ug/L	85
54) o-xylene	9.78	106	2001	0.704 ug/L	94

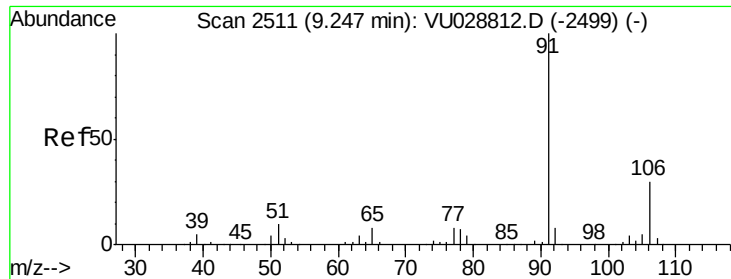
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Ethylbenzene

Concen: 1.777 ug/L

RT: 9.25 min Scan# 2513

Delta R.T. 0.01 min

Lab File: VU028824.D

Acq: 20 Dec 2018 15:06

Instrument :

MSVOA_U

ClientSampleId :

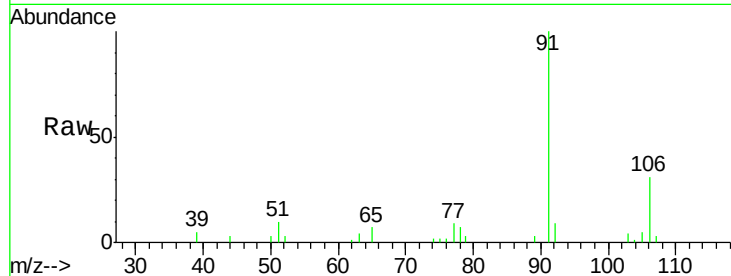
C0JH6

Tgt Ion: 91 Resp: 13633

Ion Ratio Lower Upper

91 100

106 30.7 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VU028812.D (-2499) (-)

Ion 106.00 (105.70 to 106.70): VU028812.D (-2499) (-)

9.25

8000

6000

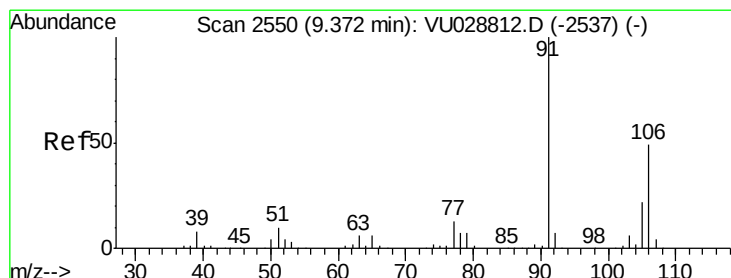
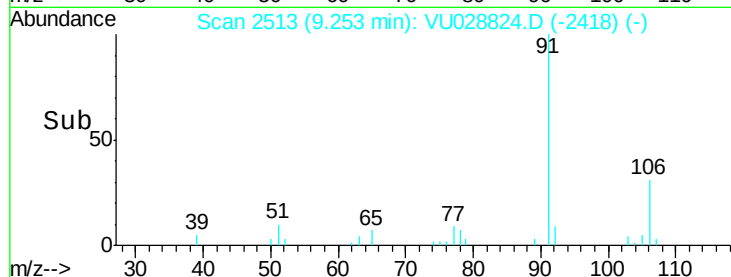
4000

2000

0

9.20 9.25 9.30

Time-->



#53

m,p-Xylene

Concen: 2.398 ug/L

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU028824.D

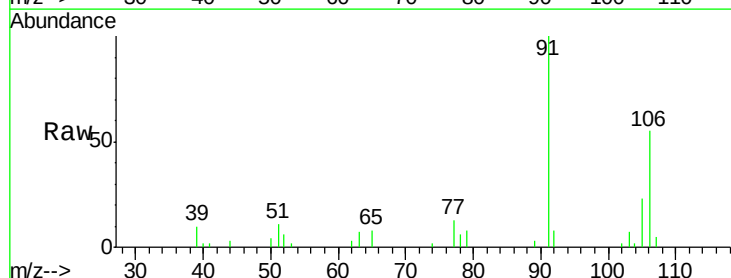
Acq: 20 Dec 2018 15:06

Tgt Ion: 106 Resp: 6803

Ion Ratio Lower Upper

106 100

91 183.2 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): VU028812.D (-2537) (-)

Ion 91.00 (90.70 to 91.70): VU028812.D (-2537) (-)

9.38

8000

6000

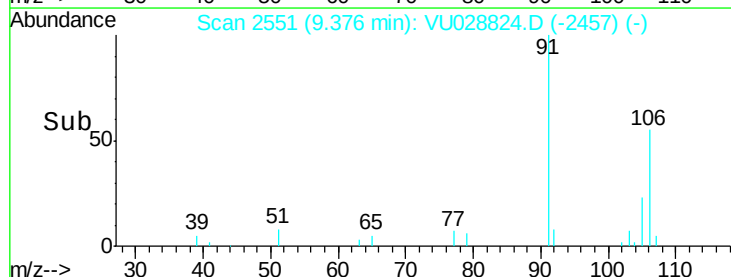
4000

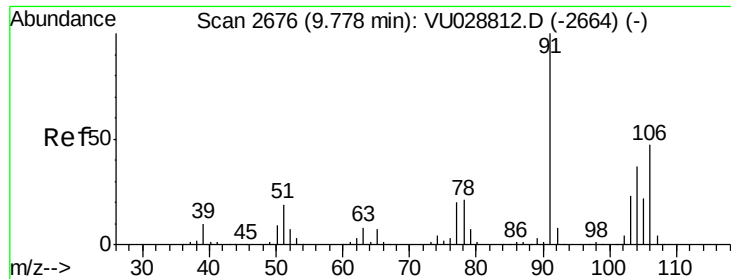
2000

0

9.35 9.40

Time-->





#54
o-xylene
Concen: 0.704 ug/L
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU028824.D
Acq: 20 Dec 2018 15:06

Instrument :
MSVOA_U
ClientSampleId :
C0JH6

Tgt Ion:106 Resp: 2001
Ion Ratio Lower Upper
106 100
91 224.3 150.4 279.4

