

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038787.D
 Acq On : 10 Jun 2020 19:40
 Operator : SY/MD
 Sample : L2913-10DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E52DL

Quant Time: Jun 11 04:47:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 03:42:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	539378	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	527159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	242271	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188165	62.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.88%
7) Chloroethane-d5	1.93	69	152100	65.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	130.12%#
11) 1,1-Dichloroethene-d2	2.59	63	283987	43.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.48%
21) 2-Butanone-d5	4.66	46	359931	122.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.77%
24) Chloroform-d	5.10	84	367824	56.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.22%
26) 1,2-Dichloroethane-d4	5.74	65	252612	58.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.32%
32) Benzene-d6	5.76	84	742220	58.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.90%
36) 1,2-Dichloropropane-d6	6.72	67	225799	57.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.40%
41) Toluene-d8	7.92	98	635320	55.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.74%
43) trans-1,3-Dichloropropene-	8.20	79	107881	54.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.50%
47) 2-Hexanone-d5	8.65	63	254088	121.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.97%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	320424	54.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.78%
64) 1,2-Dichlorobenzene-d4	12.20	152	251053	59.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.36%

Target Compounds

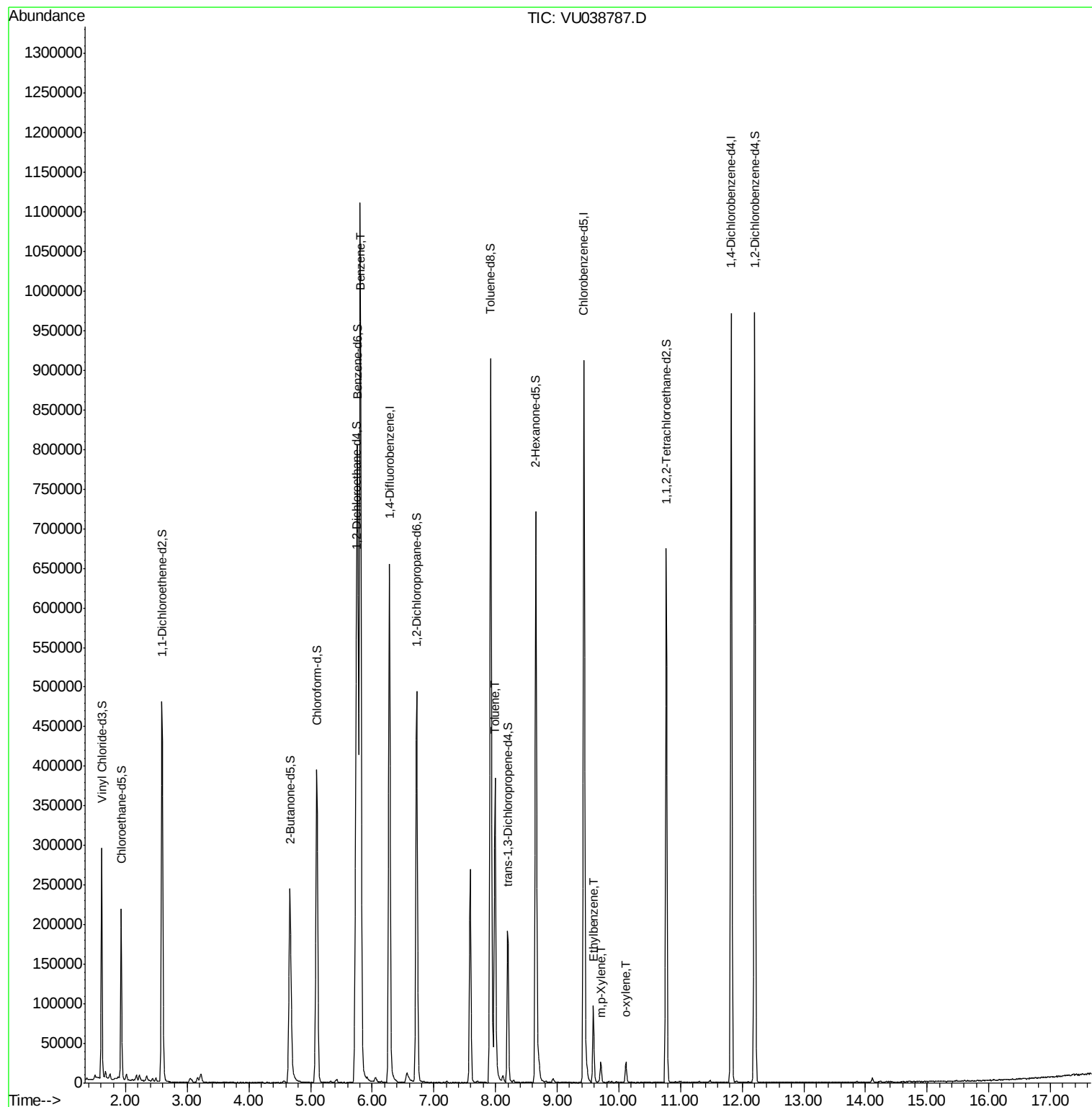
					Ovalue
33) Benzene	5.81	78	1048925	67.006 ug/L	100
42) Toluene	7.99	91	285761	17.458 ug/L	99
52) Ethylbenzene	9.59	91	68508	3.792 ug/L	99
53) m,p-Xylene	9.71	106	7151	1.031 ug/L	93
54) o-xylene	10.11	106	7018	1.043 ug/L	97

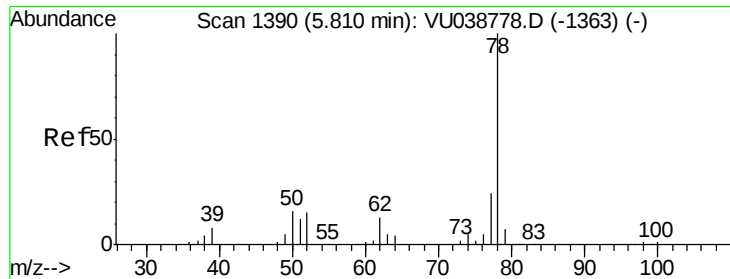
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 67.006 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

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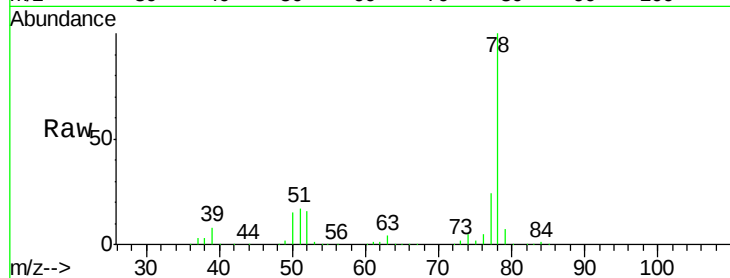
Instrument :

MSVOA_U

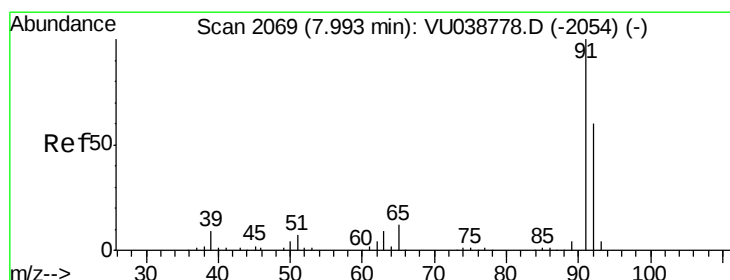
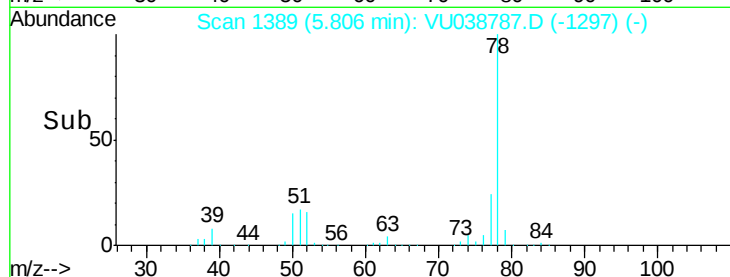
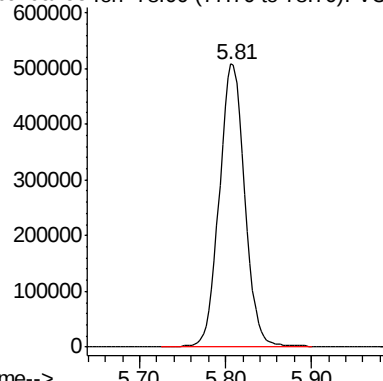
ClientSampleId :

F9E52DL

Tgt Ion: 78 Resp: 1048925



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 17.458 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038787.D

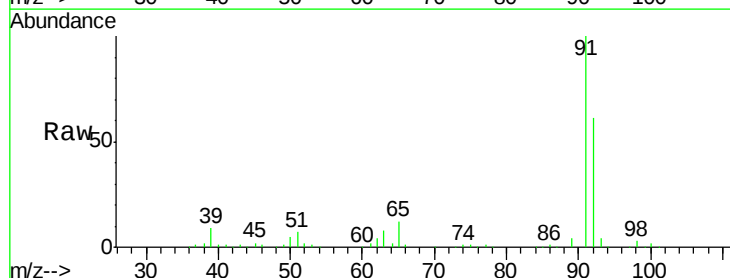
Acq: 10 Jun 2020 19:40

Tgt Ion: 91 Resp: 285761

Ion Ratio Lower Upper

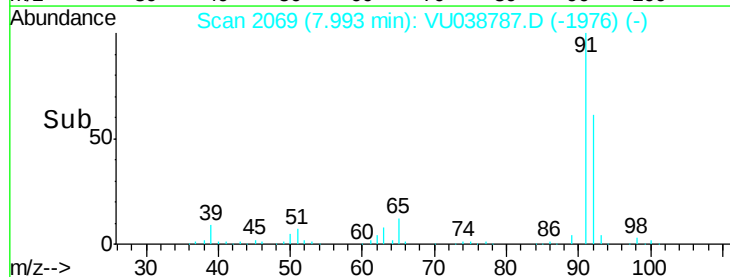
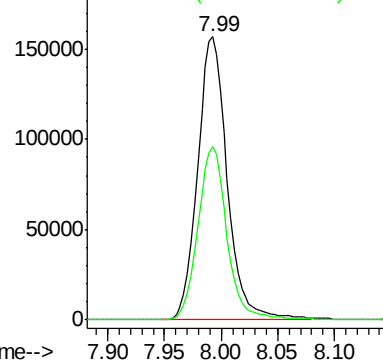
91 100

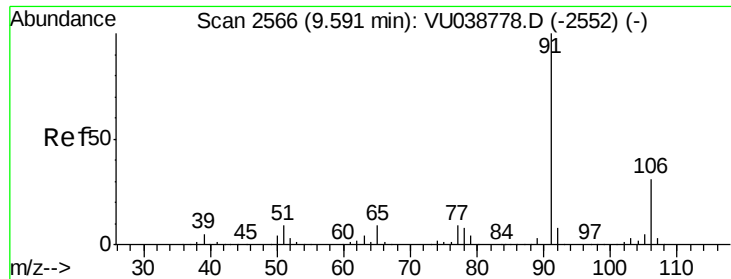
92 61.4 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 3.792 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038787.D

Acq: 10 Jun 2020 19:40

Instrument :

MSVOA_U

ClientSampleId :

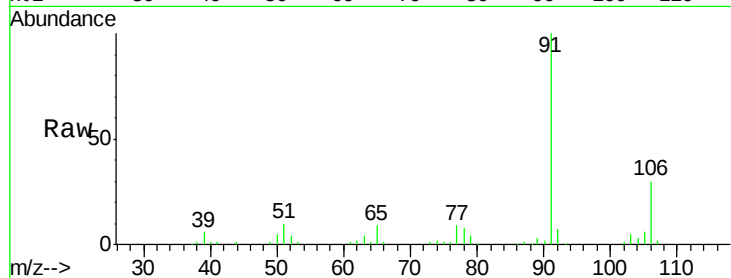
F9E52DL

Tot Ion: 91 Resp: 68508

Ion Ratio Lower Upper

91 100

106 30.1 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038778.D (-2552) (-)

Ion 106.00 (105.70 to 106.70): VU038778.D (-2552) (-)

9.59

40000

30000

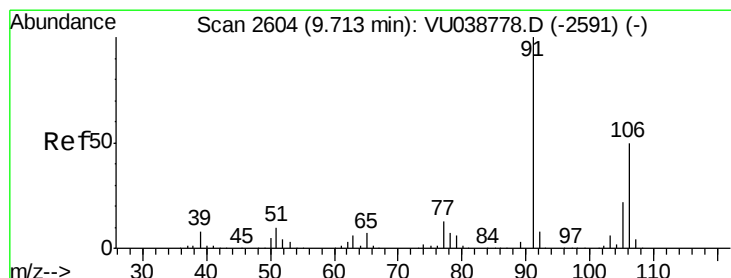
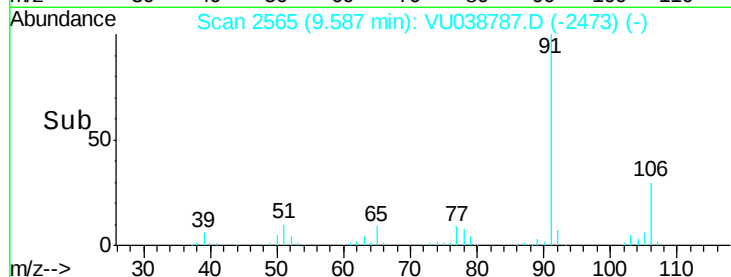
20000

10000

0

9.50 9.55 9.60 9.65

Time-->



#53

m,p-Xylene

Concen: 1.031 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038787.D

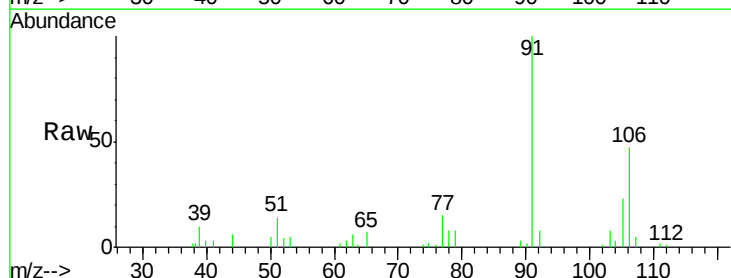
Acq: 10 Jun 2020 19:40

Tgt Ion: 106 Resp: 7151

Ion Ratio Lower Upper

106 100

91 211.4 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): VU038778.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VU038778.D (-2591) (-)

9.71

10000

8000

6000

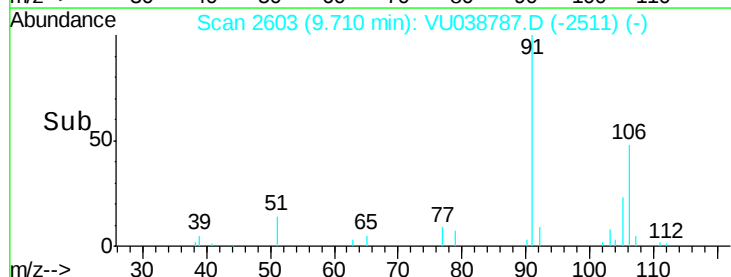
4000

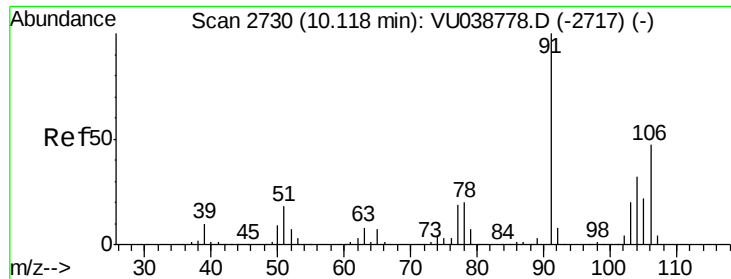
2000

0

9.65 9.70 9.75

Time-->





#54
o-xylene
Concen: 1.043 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038787.D
Acq: 10 Jun 2020 19:40

Instrument :
MSVOA_U
ClientSampleId :
F9E52DL

Tot Ion:106 Resp: 7018
Ion Ratio Lower Upper
106 100
91 221.1 151.2 280.8

