

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\
 Data File : VU040758.D
 Acq On : 16 Oct 2020 19:24
 Operator : SY/MD
 Sample : L4354-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ21

Quant Time: Oct 17 01:46:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 23:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48752	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37733	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.92	69	36076	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.58	63	62155	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.66	46	164050	57.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.68%
24) Chloroform-d	5.08	84	87640	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.72	65	53553	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.75	84	152400	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.70	67	54345	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.91	98	118701	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	18430	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.64	63	108840	49.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47748	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	48757	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

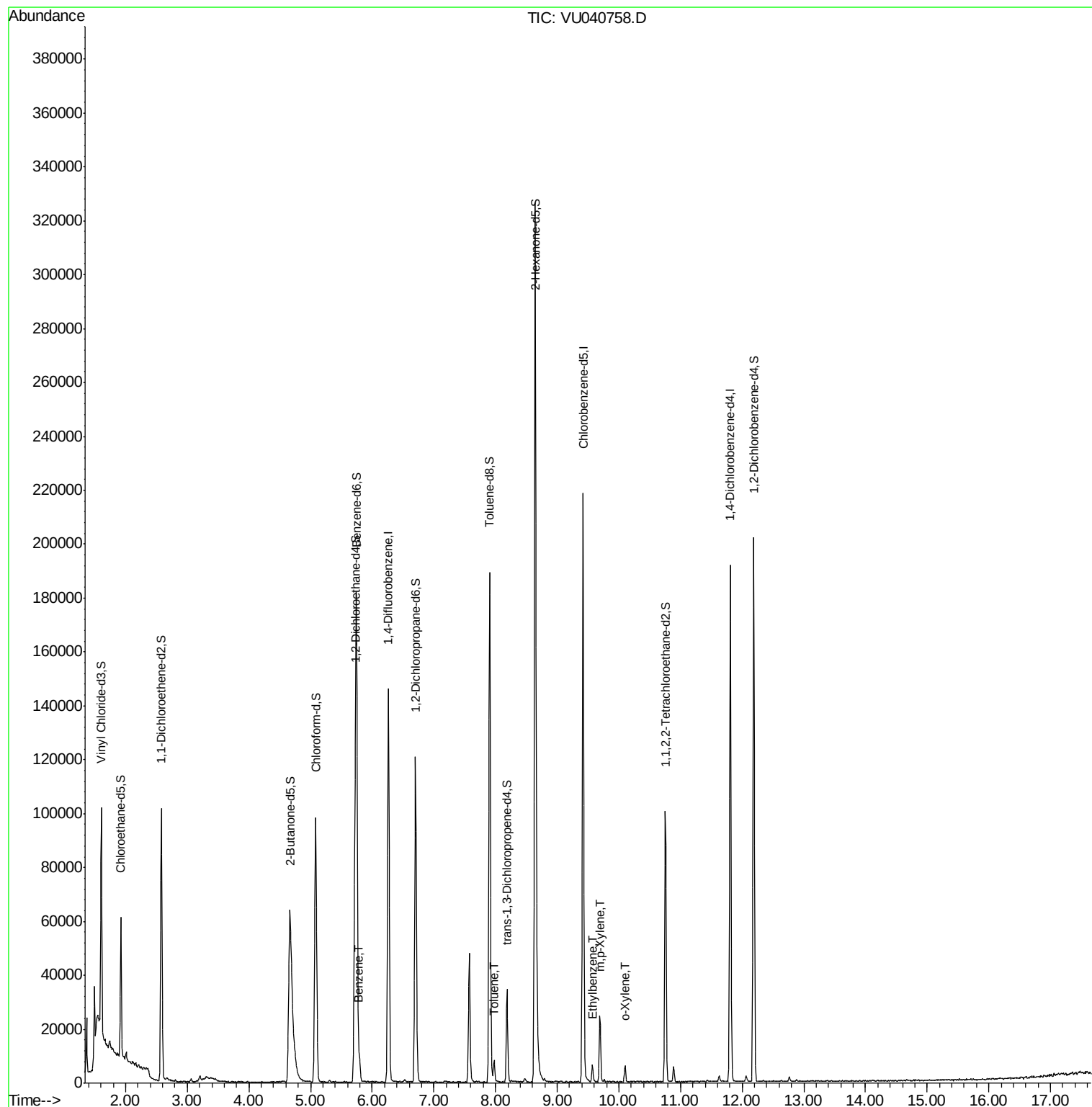
					Ovalue
33) Benzene	5.79	78	7447	0.205 ug/L	100
42) Toluene	7.98	91	5060	0.136 ug/L	86
52) Ethylbenzene	9.57	91	4502	0.112 ug/L	84
53) m,p-Xylene	9.70	106	6610	0.452 ug/L	90
54) o-Xylene	10.10	106	1622	0.115 ug/L	98

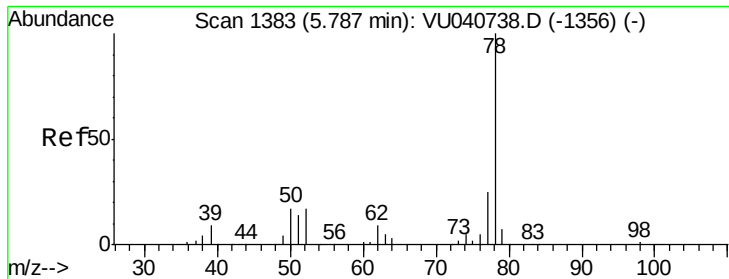
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.205 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU040758.D

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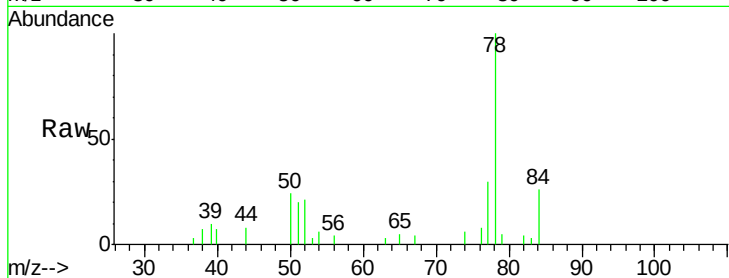
Instrument :

MSVOA_U

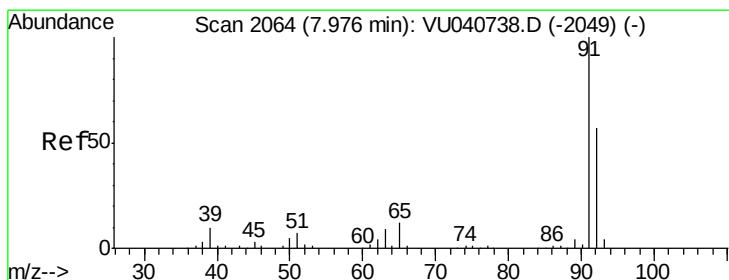
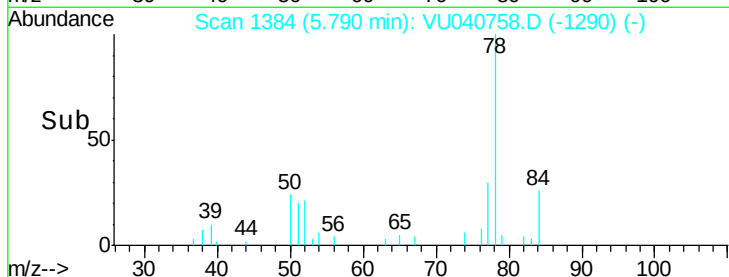
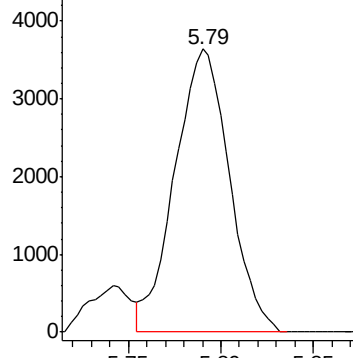
ClientSampleId :

ETZ21

Tgt Ion: 78 Resp: 7447



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.136 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040758.D

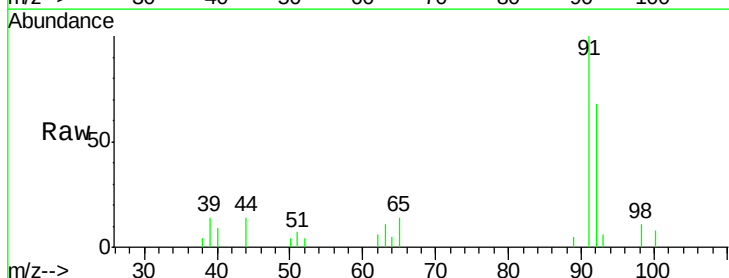
Acq: 16 Oct 2020 19:24

Tgt Ion: 91 Resp: 5060

Ion Ratio Lower Upper

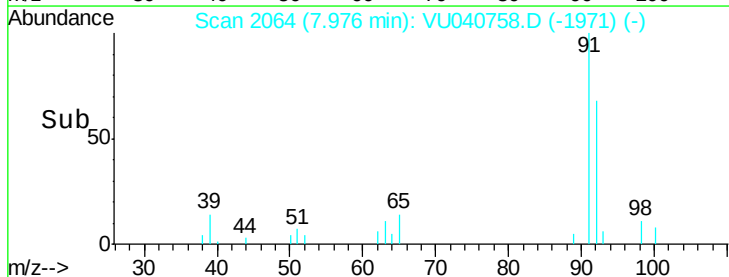
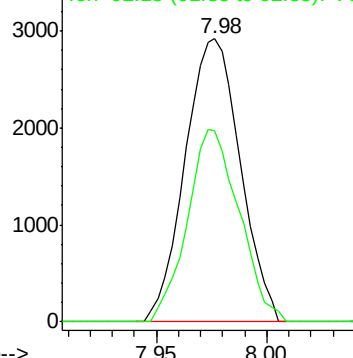
91 100

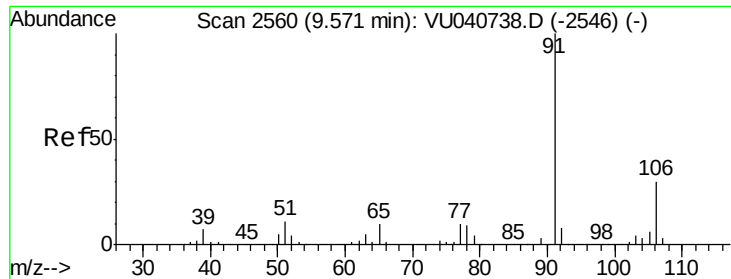
92 67.6 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 0.112 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040758.D

Acq: 16 Oct 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

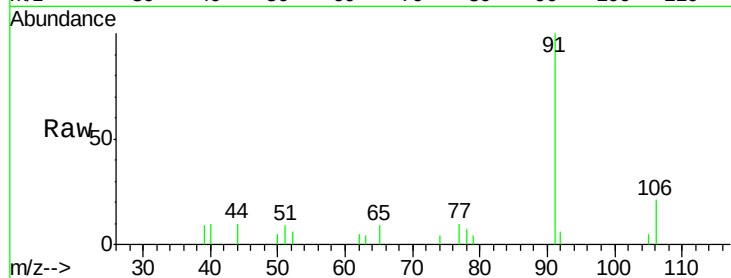
ETZ21

Tot Ion: 91 Resp: 4502

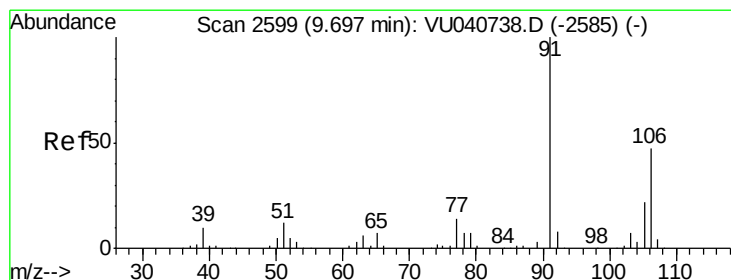
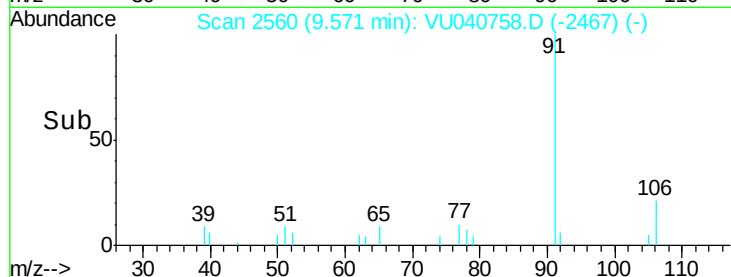
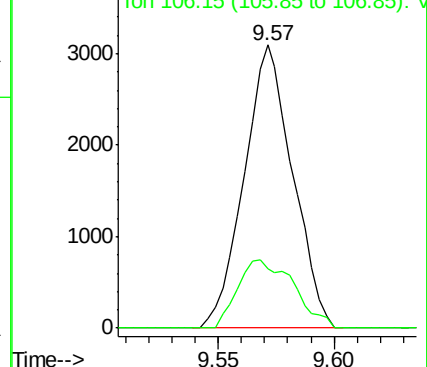
Ion Ratio Lower Upper

91 100

106 21.1 20.7 38.5



Abundance Ion 91.15 (90.85 to 91.85): VU040738.D (-2546) (-)



#53

m,p-Xylene

Concen: 0.452 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU040758.D

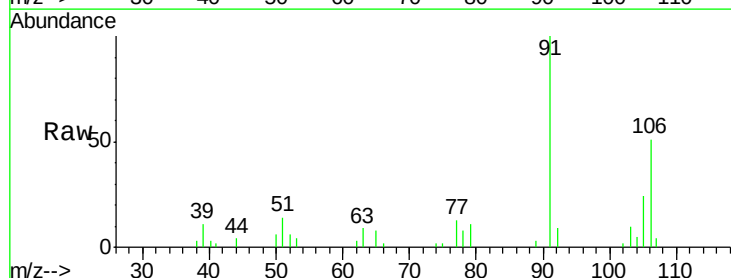
Acq: 16 Oct 2020 19:24

Tgt Ion: 106 Resp: 6610

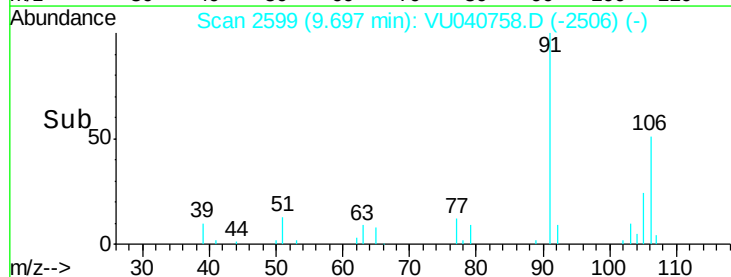
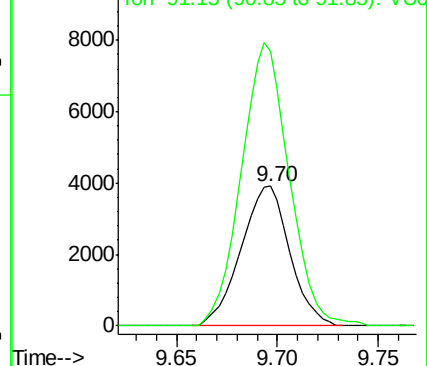
Ion Ratio Lower Upper

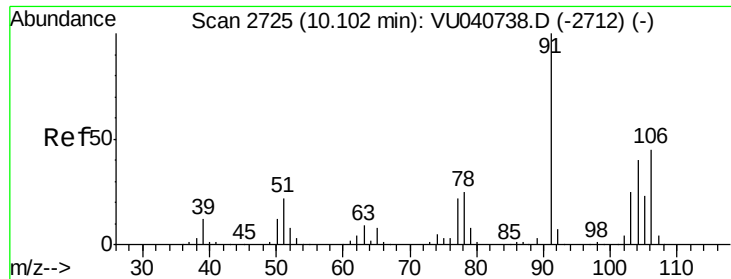
106 100

91 196.6 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040738.D (-2585) (-)





#54
 o-Xylene
 Concen: 0.115 ug/L
 RT: 10.10 min Scan# 2726
 Delta R.T. 0.00 min
 Lab File: VU040758.D
 Acq: 16 Oct 2020 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ21

Tot Ion:106 Resp: 1622
 Ion Ratio Lower Upper
 106 100
 91 225.8 160.2 297.4

