

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038785.D
 Acq On : 10 Jun 2020 18:55
 Operator : SY/MD
 Sample : L2913-08DL 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D95DL

Quant Time: Jun 11 04:40:34 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	562871	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	545382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	251298	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	189995	60.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.84%
7) Chloroethane-d5	1.93	69	151402	62.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.12%
11) 1,1-Dichloroethene-d2	2.59	63	293762	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.72%
21) 2-Butanone-d5	4.66	46	369015	120.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.62%
24) Chloroform-d	5.10	84	369709	54.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.06%
26) 1,2-Dichloroethane-d4	5.74	65	258446	57.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.02%
32) Benzene-d6	5.76	84	756591	57.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.18%
36) 1,2-Dichloropropane-d6	6.72	67	229763	56.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.50%
41) Toluene-d8	7.92	98	650420	54.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.58%
43) trans-1,3-Dichloropropene-	8.20	79	109804	53.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.74%
47) 2-Hexanone-d5	8.65	63	256950	119.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	326160	54.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.02%
64) 1,2-Dichlorobenzene-d4	12.20	152	253737	58.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.32%

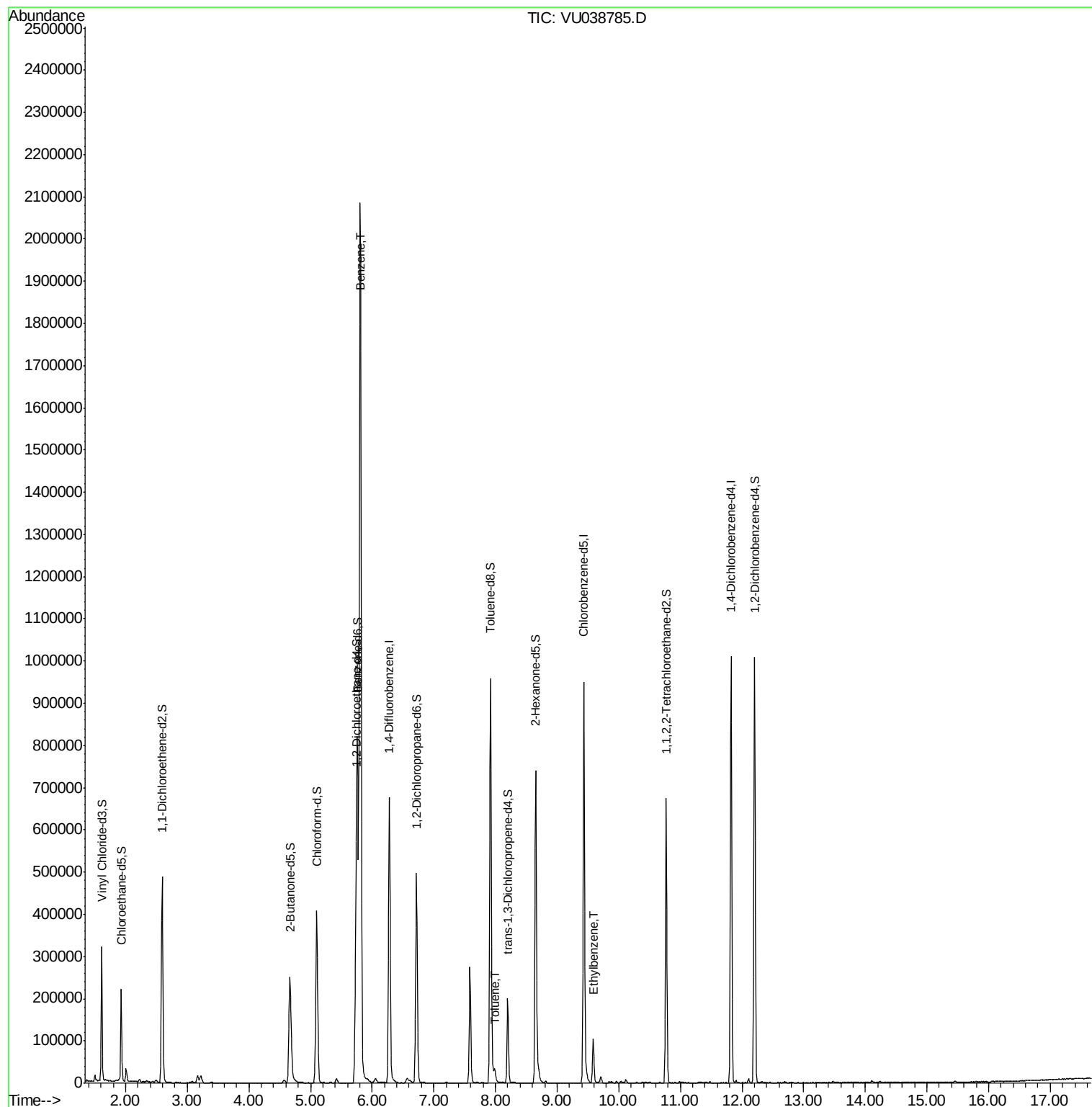
Target Compounds					Ovalue
33) Benzene	5.81	78	2000210	123.505 ug/L	100
42) Toluene	7.99	91	16527	0.976 ug/L	94
52) Ethylbenzene	9.59	91	74472	3.985 ug/L	98

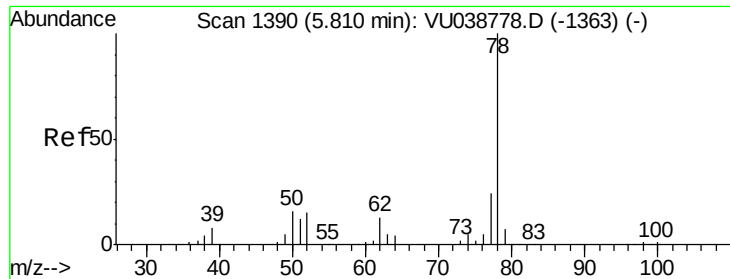
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 123.505 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

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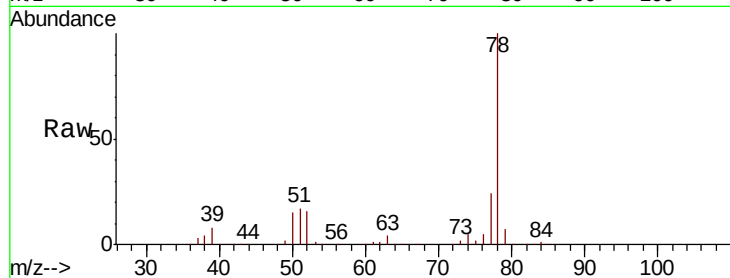
Instrument :

MSVOA_U

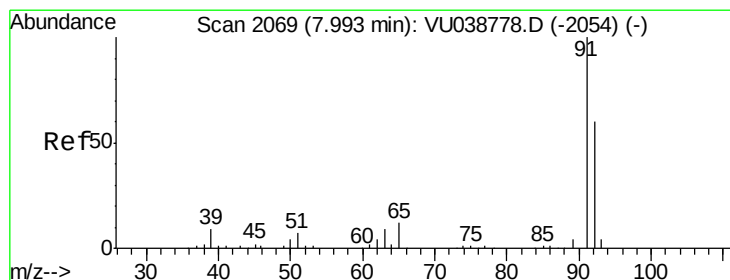
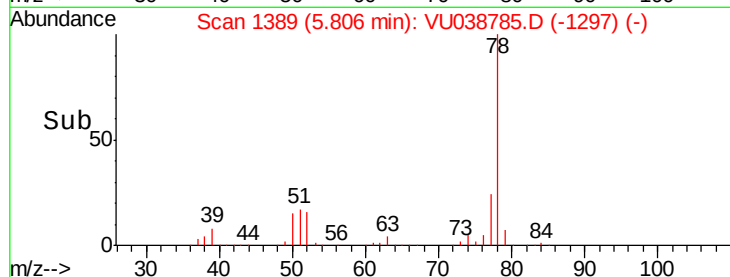
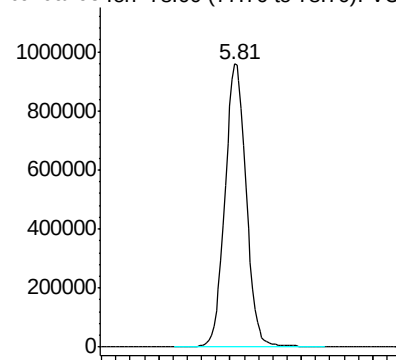
ClientSampleId :

F9D95DL

Tgt Ion: 78 Resp: 2000210



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 0.976 ug/L

RT: 7.99 min Scan# 2068

Delta R.T. -0.00 min

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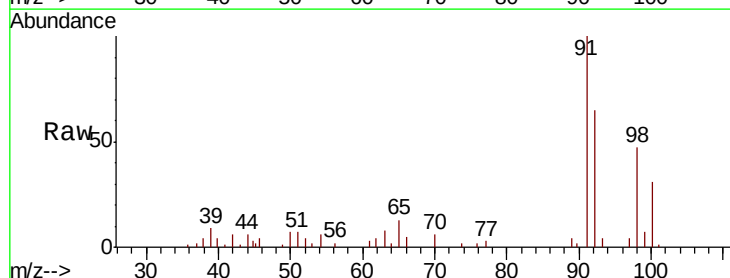
Acq: 10 Jun 2020 18:55

Tgt Ion: 91 Resp: 16527

Ion Ratio Lower Upper

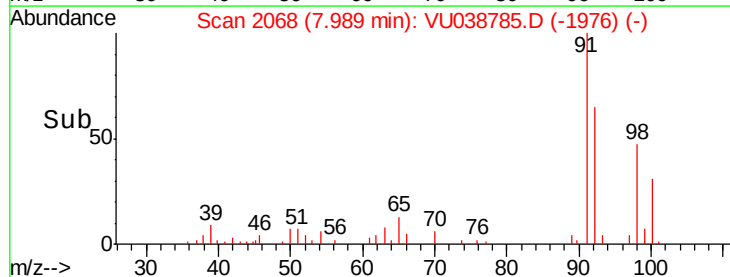
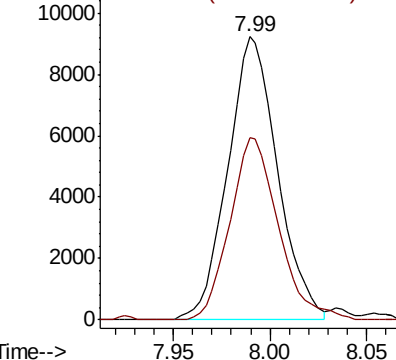
91 100

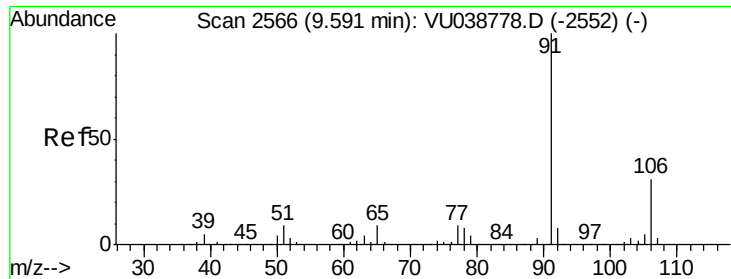
92 64.5 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 3.985 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

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Acq: 10 Jun 2020 18:55

Instrument :

MSVOA_U

ClientSampleId :

F9D95DL

Tot Ion: 91 Resp: 74472

Ion Ratio Lower Upper

91 100

106 29.4 21.5 39.9

