

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038686.D
 Acq On : 08 Jun 2020 22:54
 Operator : SY/MD
 Sample : L2896-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9

Quant Time: Jun 09 07:05:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	345601	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	337023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	158328	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151172	78.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	156.58%#
7) Chloroethane-d5	1.93	69	116721	77.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	155.84%#
11) 1,1-Dichloroethene-d2	2.59	63	270616	64.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	128.62%#
21) 2-Butanone-d5	4.67	46	282564	150.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	150.42%#
24) Chloroform-d	5.10	84	286565	68.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.66%#
26) 1,2-Dichloroethane-d4	5.74	65	197861	71.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.42%#
32) Benzene-d6	5.76	84	601455	74.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	148.18%#
36) 1,2-Dichloropropane-d6	6.72	67	178377	71.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	142.58%#
41) Toluene-d8	7.92	98	511014	69.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	139.32%#
43) trans-1,3-Dichloropropene-	8.20	79	86118	68.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	136.74%#
47) 2-Hexanone-d5	8.65	63	207461	155.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	155.78%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	258591	69.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	138.58%#
64) 1,2-Dichlorobenzene-d4	12.20	152	202372	73.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	147.24%#

Target Compounds

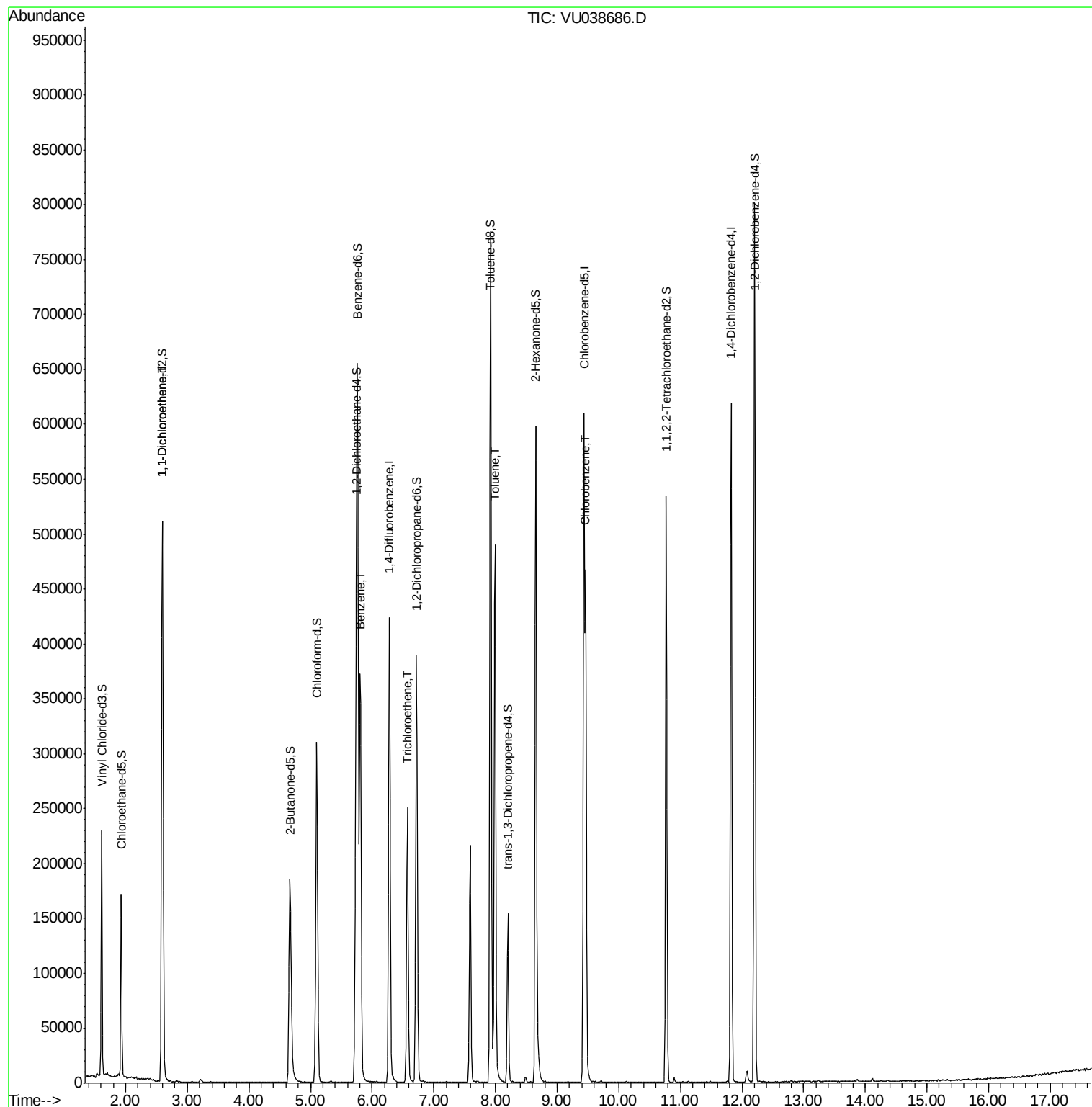
					Ovalue
12) 1,1-Dichloroethene	2.61	96	74052	33.852 ug/L	# 76
33) Benzene	5.81	78	350566	35.028 ug/L	100
34) Trichloroethene	6.57	95	84944	33.372 ug/L	96
42) Toluene	7.99	91	355952	34.015 ug/L	99
51) Chlorobenzene	9.47	112	230920	34.349 ug/L	100

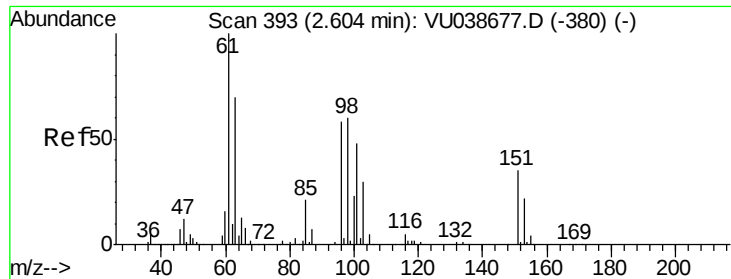
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 06:12:02 2020
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#12

1,1-Dichloroethene

Concen: 33.852 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

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Acq: 08 Jun 2020 22:54

Instrument :

MSVOA_U

ClientSampleId :

EW0G9

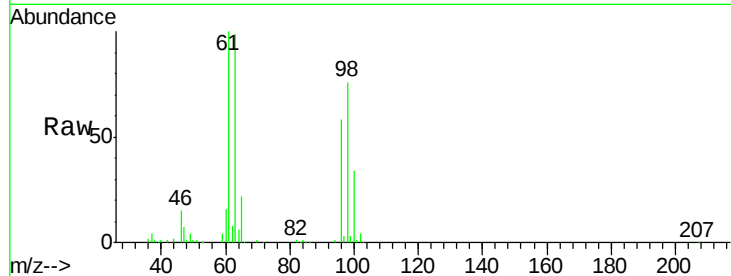
Tot Ion: 96 Resp: 74052

Ion Ratio Lower Upper

96 100

61 173.1 120.0 223.0

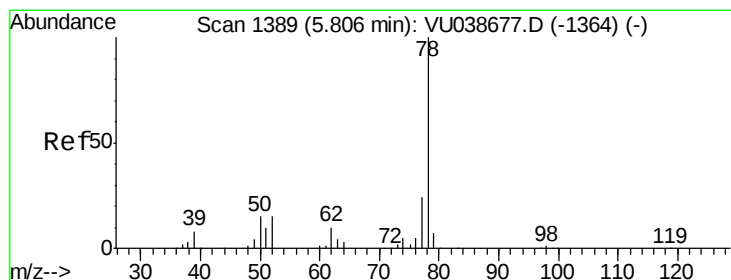
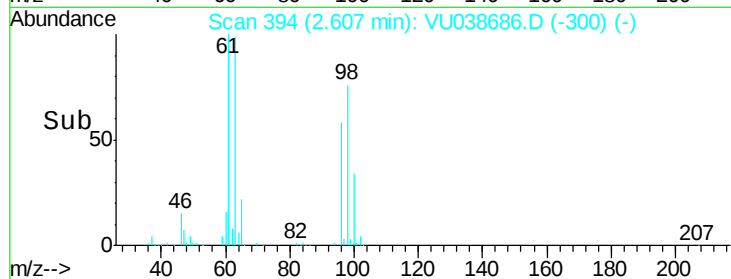
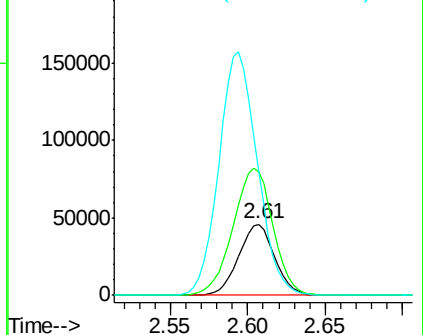
63 172.1 75.8 140.8#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#33

Benzene

Concen: 35.028 ug/L

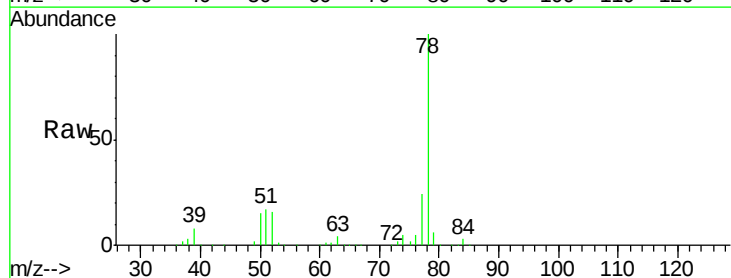
RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

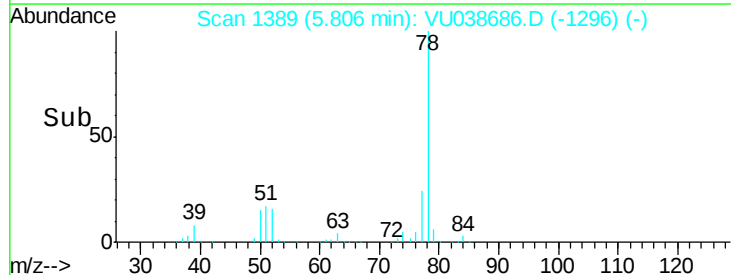
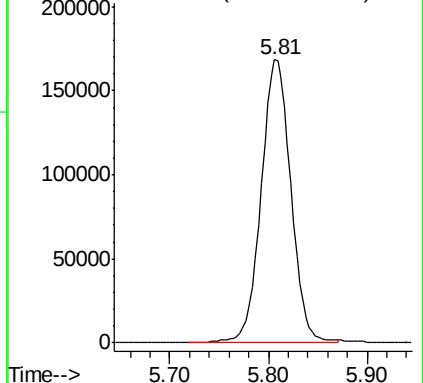
Lab File: VU038686.D

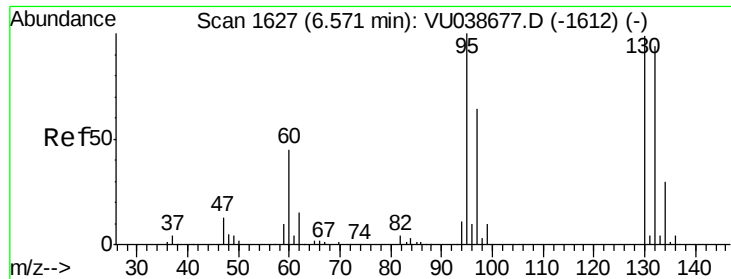
Acq: 08 Jun 2020 22:54

Tgt Ion: 78 Resp: 350566



Abundance Ion 78.00 (77.70 to 78.70): VU0

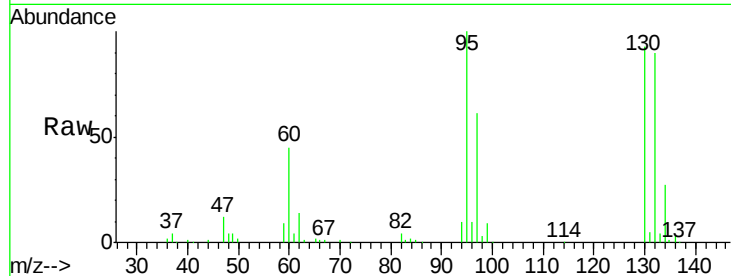




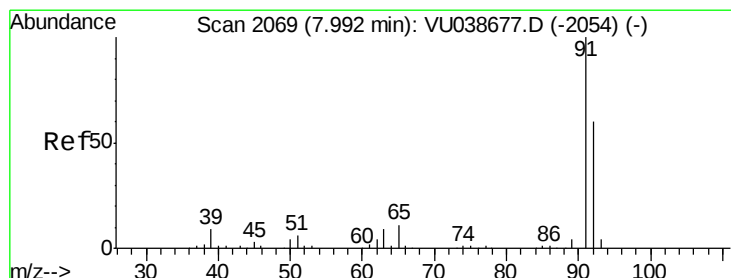
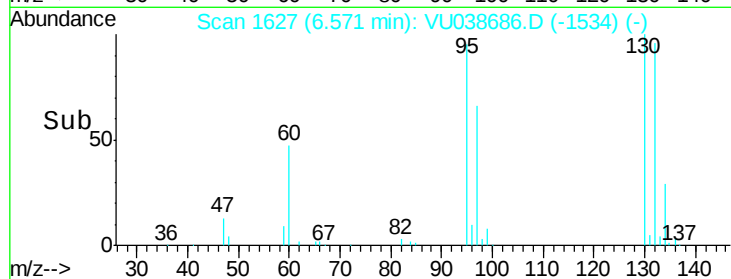
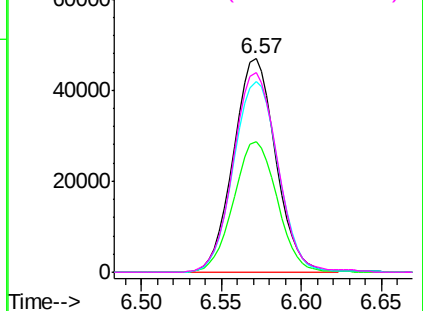
#34
 Trichloroethene
 Concen: 33.372 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038686.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9

Tot Ion:	95	Resp:	84944
Ion	Ratio	Lower	Upper
95	100		
97	61.2	44.4	82.4
132	89.6	64.9	120.5
130	93.4	68.6	127.4

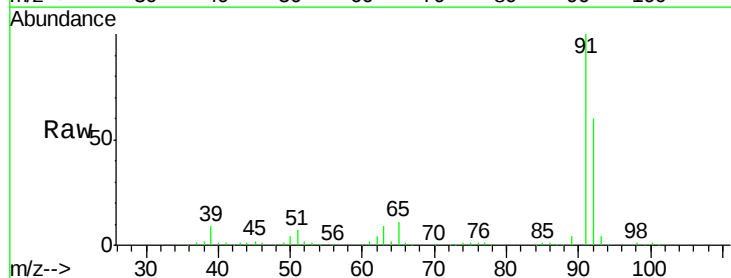


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

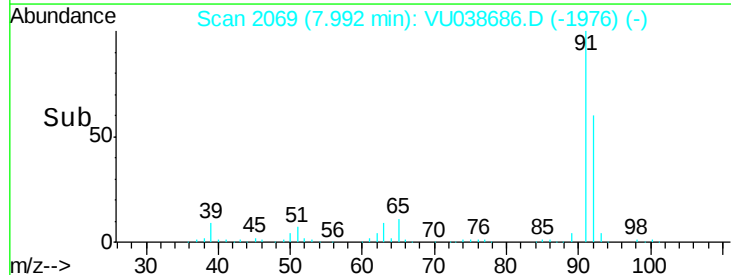
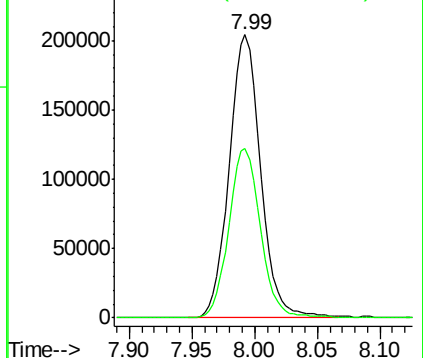


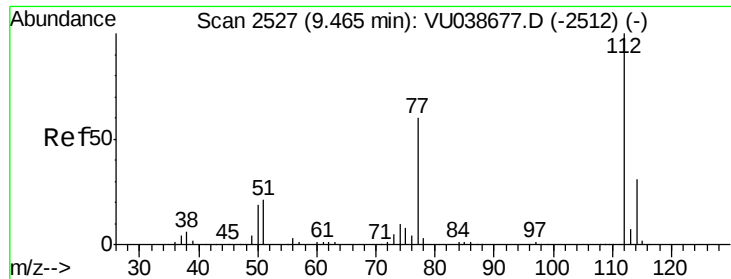
#42
 Toluene
 Concen: 34.015 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VU038686.D
 Acq: 08 Jun 2020 22:54

Tgt Ion:	91	Resp:	355952
Ion	Ratio	Lower	Upper
91	100		
92	59.7	42.2	78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





#51
 Chlorobenzene
 Concen: 34.349 ug/L
 RT: 9.47 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: VU038686.D
 Acq: 08 Jun 2020 22:54

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.2	41.2
77	60.3	47.9	71.9

