

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037112.D
 Acq On : 06 Mar 2020 16:16
 Operator : JC/MD
 Sample : L1784-12DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B00DL

Quant Time: Mar 07 02:03:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271354	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	260271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87240	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91508	40.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.32%
7) Chloroethane-d5	1.93	69	84717	44.93	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.86%
11) 1,1-Dichloroethene-d2	2.59	63	119653	31.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.72%
21) 2-Butanone-d5	4.67	46	136954	89.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.60%
24) Chloroform-d	5.11	84	151521	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
26) 1,2-Dichloroethane-d4	5.74	65	103271	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
32) Benzene-d6	5.76	84	327410	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.72	67	106168	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.08%
41) Toluene-d8	7.92	98	285716	40.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.84%
43) trans-1,3-Dichloropropene-	8.20	79	43890	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.46%
47) 2-Hexanone-d5	8.66	63	89842	75.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.35%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	143367	41.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	79113	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%

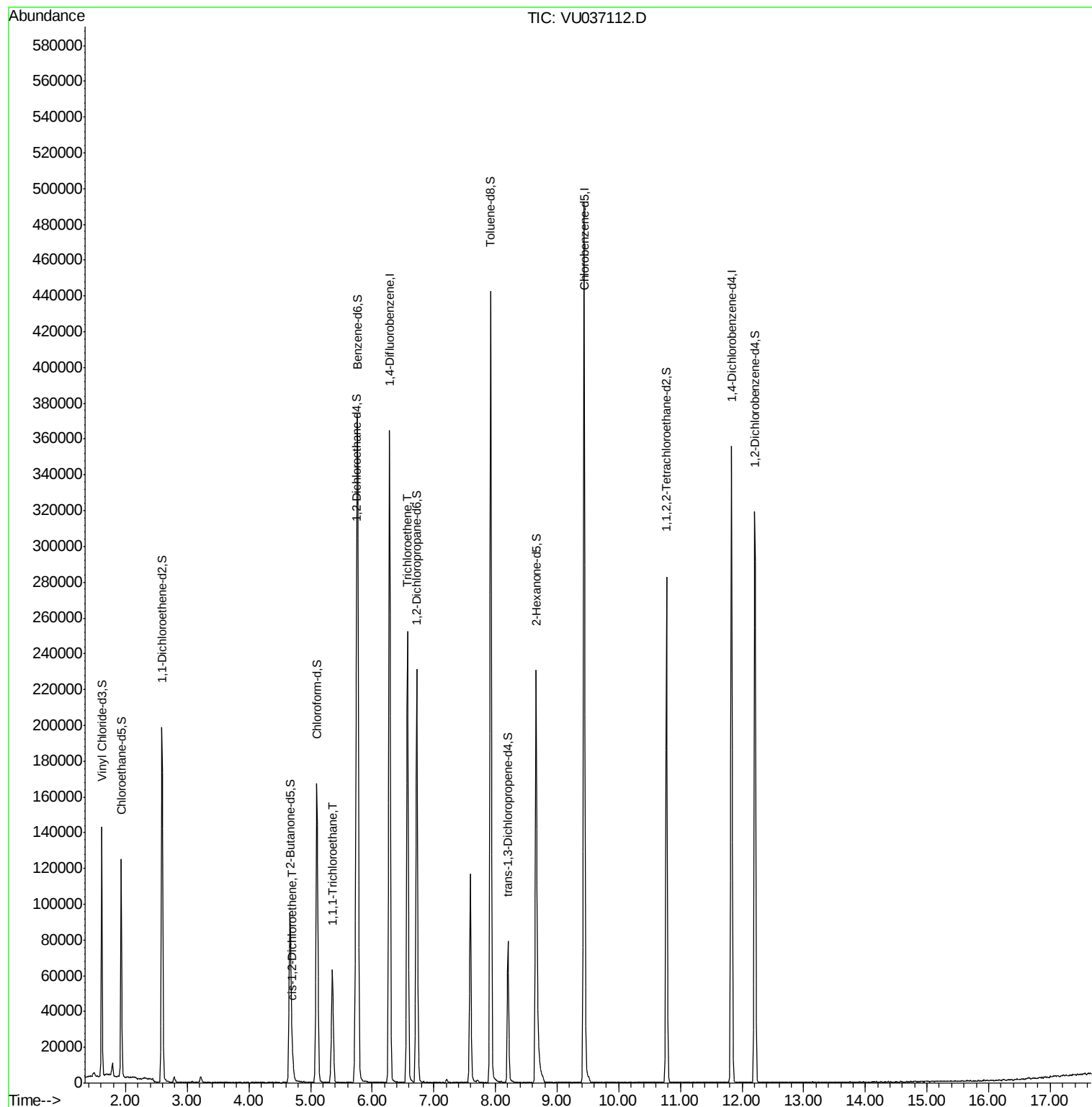
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	4493	2.134 ug/L	86
30) 1,1,1-Trichloroethane	5.36	97	43060	15.431 ug/L	98
34) Trichloroethene	6.57	95	86684	42.893 ug/L	98

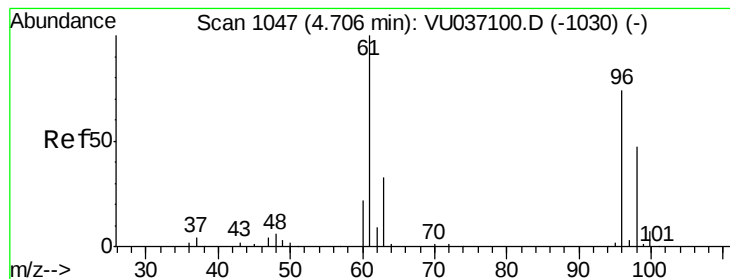
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 2.134 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.01 min

Lab File: VU037112.D

Acq: 06 Mar 2020 16:16

Instrument :

MSVOA_U

ClientSampleId :

C0B00DL

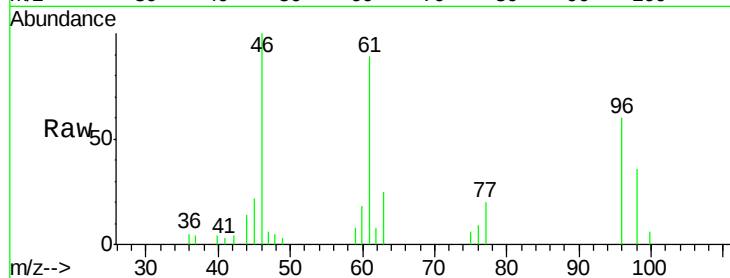
Tot Ion: 96 Resp: 4493

Ion Ratio Lower Upper

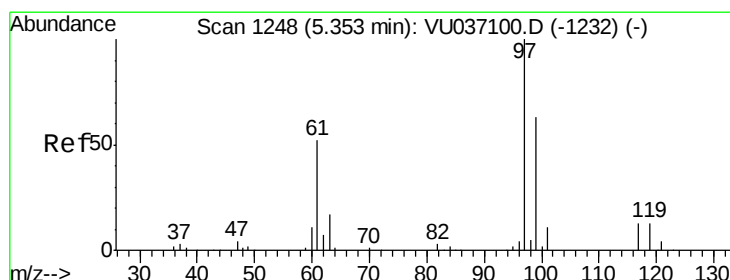
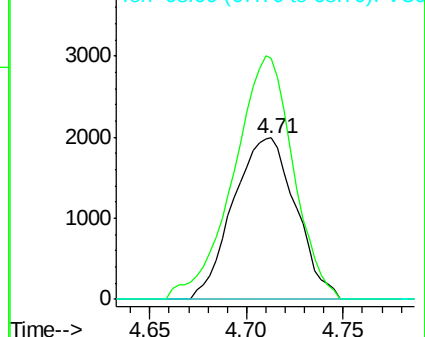
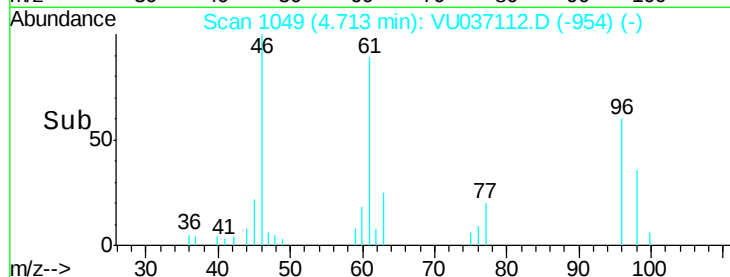
96 100

61 149.4 93.1 172.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037112.D (-954) (-)



#30

1,1,1-Trichloroethane

Concen: 15.431 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VU037112.D

Acq: 06 Mar 2020 16:16

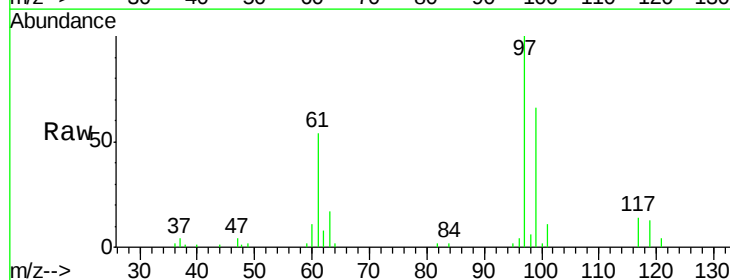
Tgt Ion: 97 Resp: 43060

Ion Ratio Lower Upper

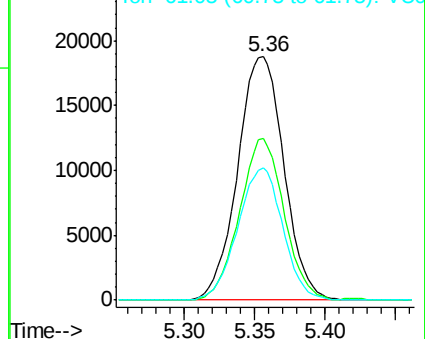
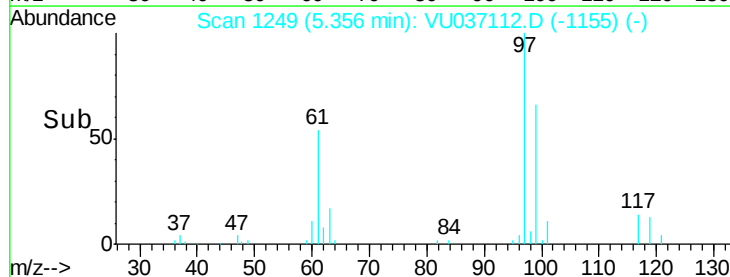
97 100

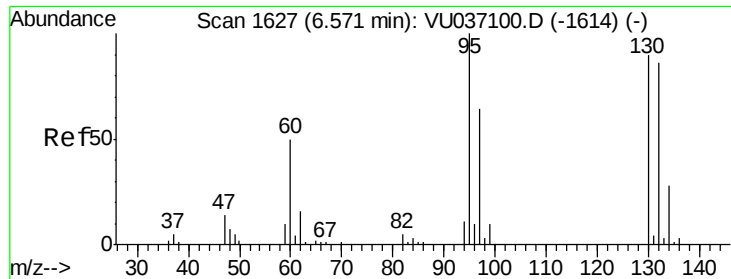
99 63.7 50.4 75.6

61 52.9 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU037112.D (-1155) (-)

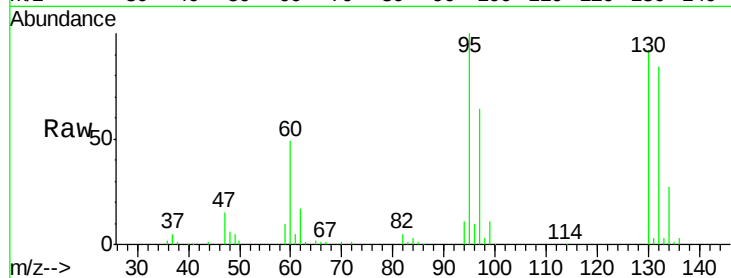




#34
 Trichloroethene
 Concen: 42.893 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037112.D
 Acq: 06 Mar 2020 16:16

Instrument :
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 C0B00DL

Tot Ion:	95	Resp:	86684
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.1	81.9
132	83.5	60.6	112.6
130	91.8	64.9	120.5



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

