

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036886.D
 Acq On : 24 Feb 2020 16:28
 Operator : JC/MD
 Sample : L1608-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ7DL

Quant Time: Feb 25 03:47:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 03:18:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	277252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256085	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	94692	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107450	46.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.30%
7) Chloroethane-d5	1.93	69	92187	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.70%
11) 1,1-Dichloroethene-d2	2.59	63	138362	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.98%
21) 2-Butanone-d5	4.67	46	157133	100.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.61%
24) Chloroform-d	5.11	84	166148	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.74	65	114786	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
32) Benzene-d6	5.76	84	368768	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.72	67	119468	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.58%
41) Toluene-d8	7.93	98	332798	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%
43) trans-1,3-Dichloropropene-	8.20	79	52486	47.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.14%
47) 2-Hexanone-d5	8.66	63	115043	98.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.07%
57) 1,1,1,2,2-Tetrachloroethane-	10.77	84	160612	47.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.96%
64) 1,2-Dichlorobenzene-d4	12.21	152	96972	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

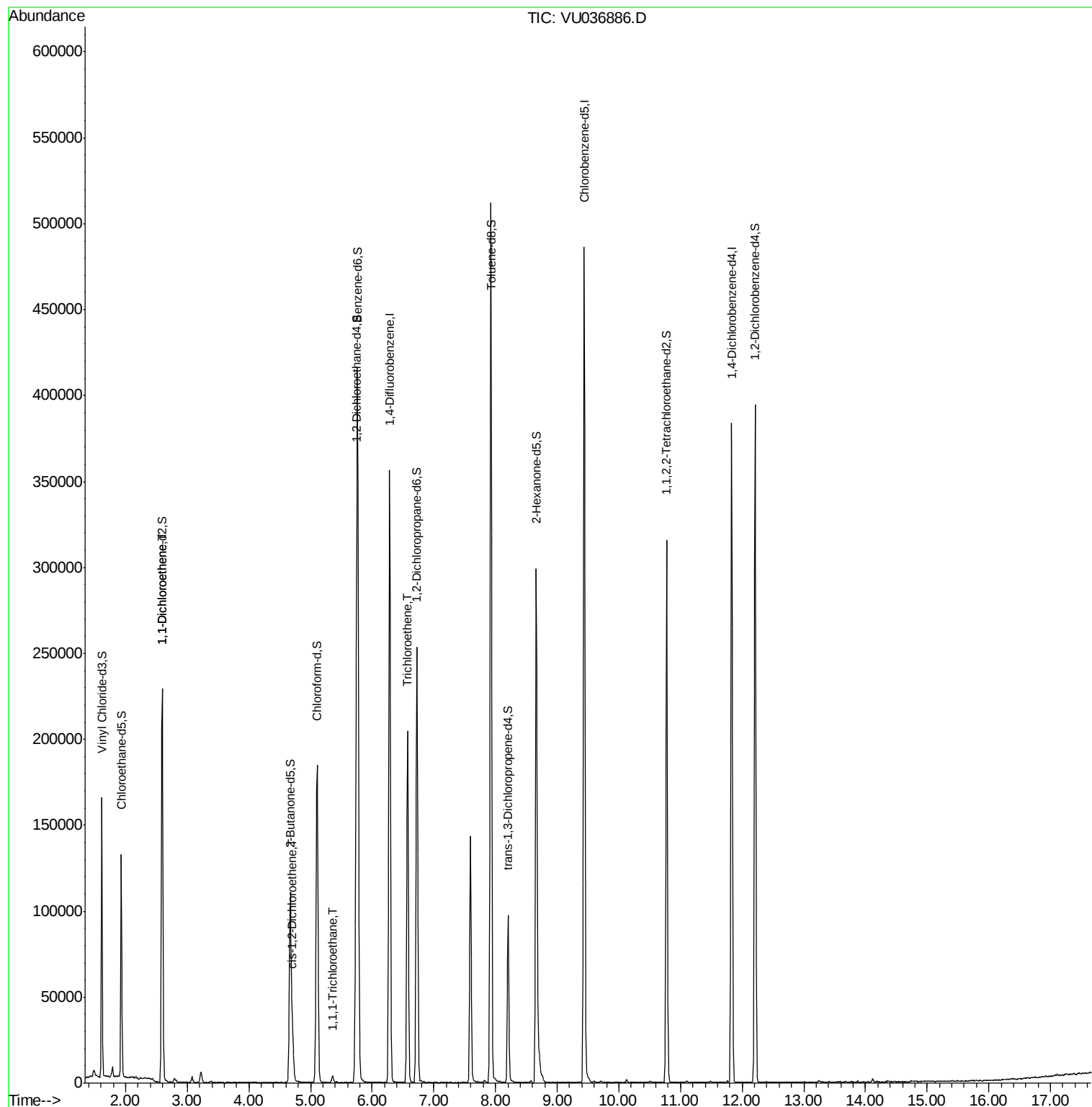
					Ovalue
12) 1,1-Dichloroethene	2.60	96	2336	1.304 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	11569	5.378 ug/L	100
30) 1,1,1-Trichloroethane	5.35	97	3184	1.160 ug/L #	73
34) Trichloroethene	6.57	95	69944	35.176 ug/L	98

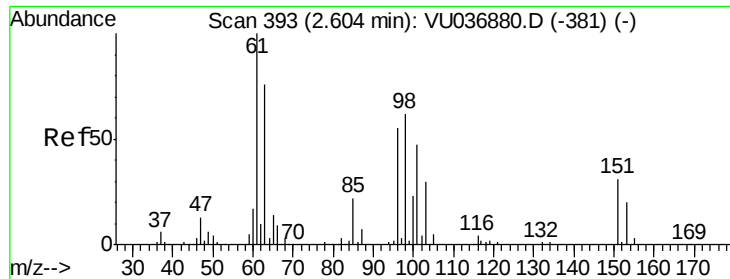
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.304 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampled :

C0AQ7DL

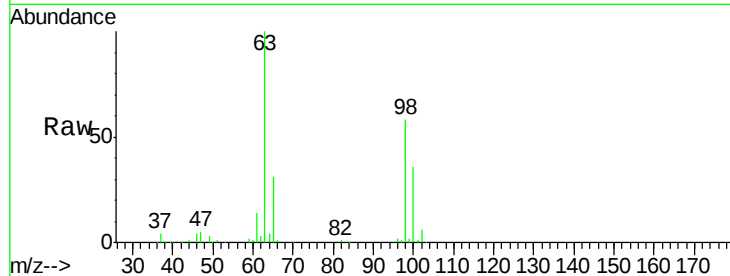
Tot Ion: 96 Resp: 2336

Ion Ratio Lower Upper

96 100

61 715.1 127.5 236.7#

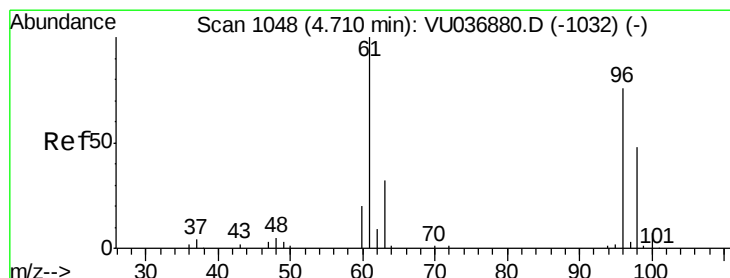
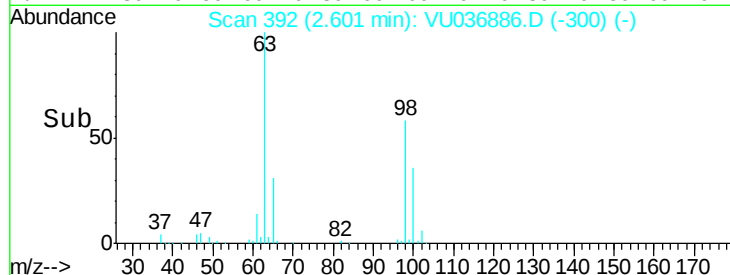
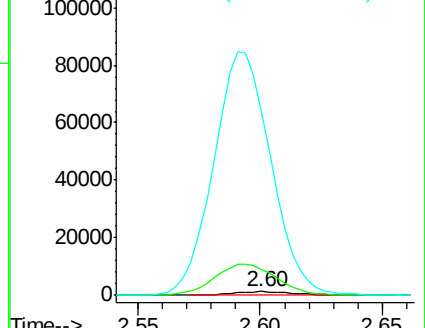
63 5077.2 101.4 188.2#



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



#20

cis-1,2-Dichloroethene

Concen: 5.378 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU036886.D

Acq: 24 Feb 2020 16:28

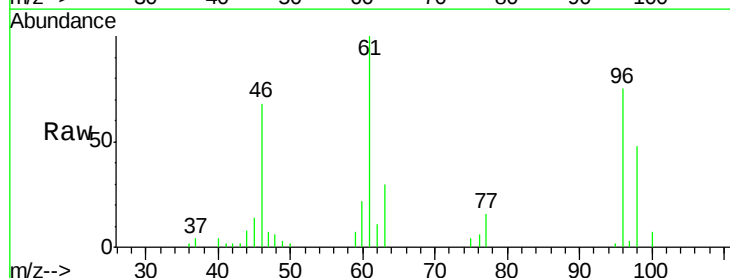
Tgt Ion: 96 Resp: 11569

Ion Ratio Lower Upper

96 100

61 133.2 93.1 172.9

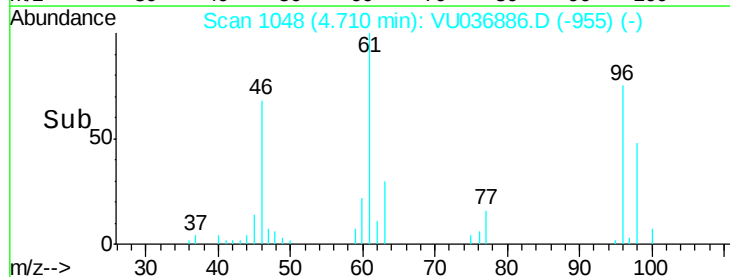
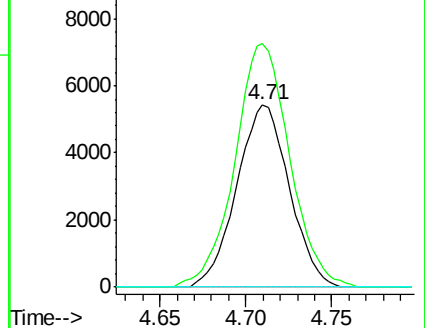
68 0.0 0.0 0.0

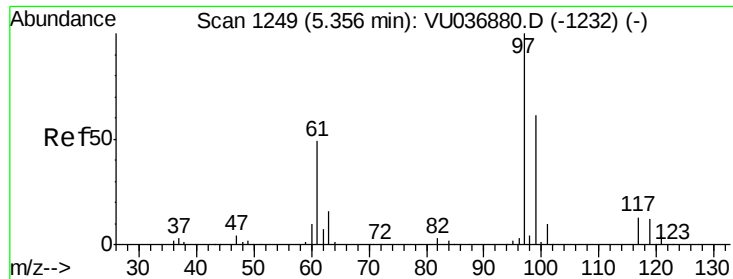


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

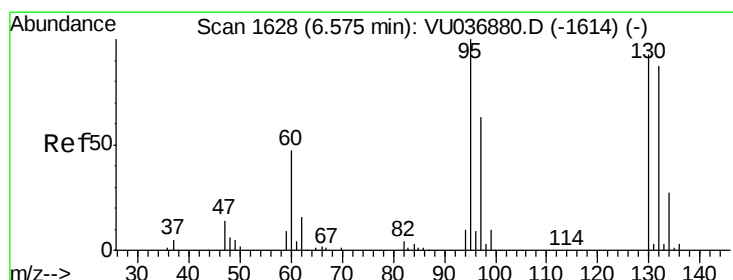
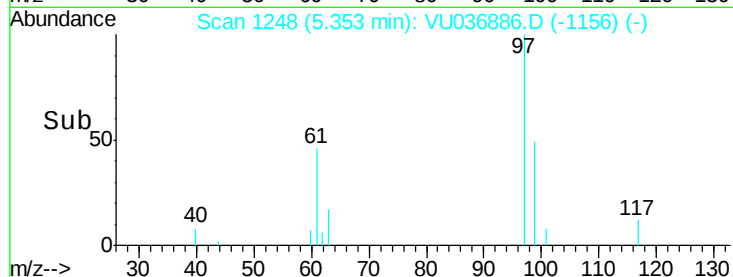
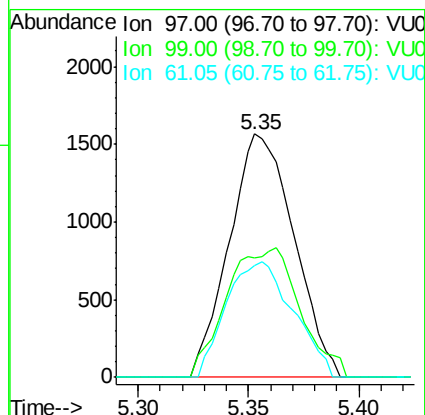
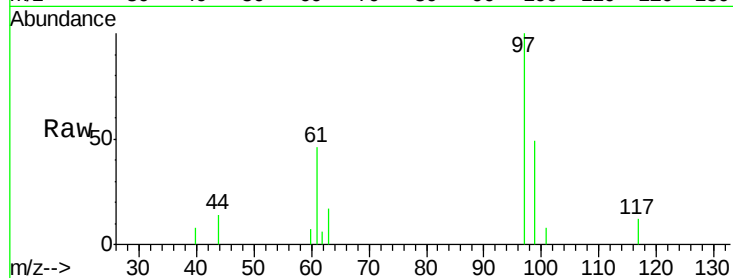




#30
1,1,1-Trichloroethane
Concen: 1.160 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
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Tot Ion: 97 Resp: 3184
Ion Ratio Lower Upper
97 100
99 26.8 50.4 75.6#
61 49.2 40.3 60.5



#34
Trichloroethene
Concen: 35.176 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU036886.D
Acq: 24 Feb 2020 16:28

Tgt Ion: 95 Resp: 69944
Ion Ratio Lower Upper
95 100
97 62.0 44.1 81.9
132 84.9 60.6 112.6
130 90.8 64.9 120.5

