

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036891.D
 Acq On : 24 Feb 2020 18:22
 Operator : JC/MD
 Sample : L1608-12 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR6

Quant Time: Feb 25 15:34:45 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	270441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	94284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105731	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.12%
7) Chloroethane-d5	1.93	69	92394	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.34%
11) 1,1-Dichloroethene-d2	2.59	63	139242	36.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.22%
21) 2-Butanone-d5	4.67	46	164399	107.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.92%
24) Chloroform-d	5.11	84	168041	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
26) 1,2-Dichloroethane-d4	5.74	65	117513	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.76	84	371175	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
36) 1,2-Dichloropropane-d6	6.72	67	120910	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.54%
41) Toluene-d8	7.92	98	333568	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%
43) trans-1,3-Dichloropropene-	8.20	79	53138	48.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.92%
47) 2-Hexanone-d5	8.66	63	119908	105.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	166967	50.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	99106	53.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.54%

Target Compounds

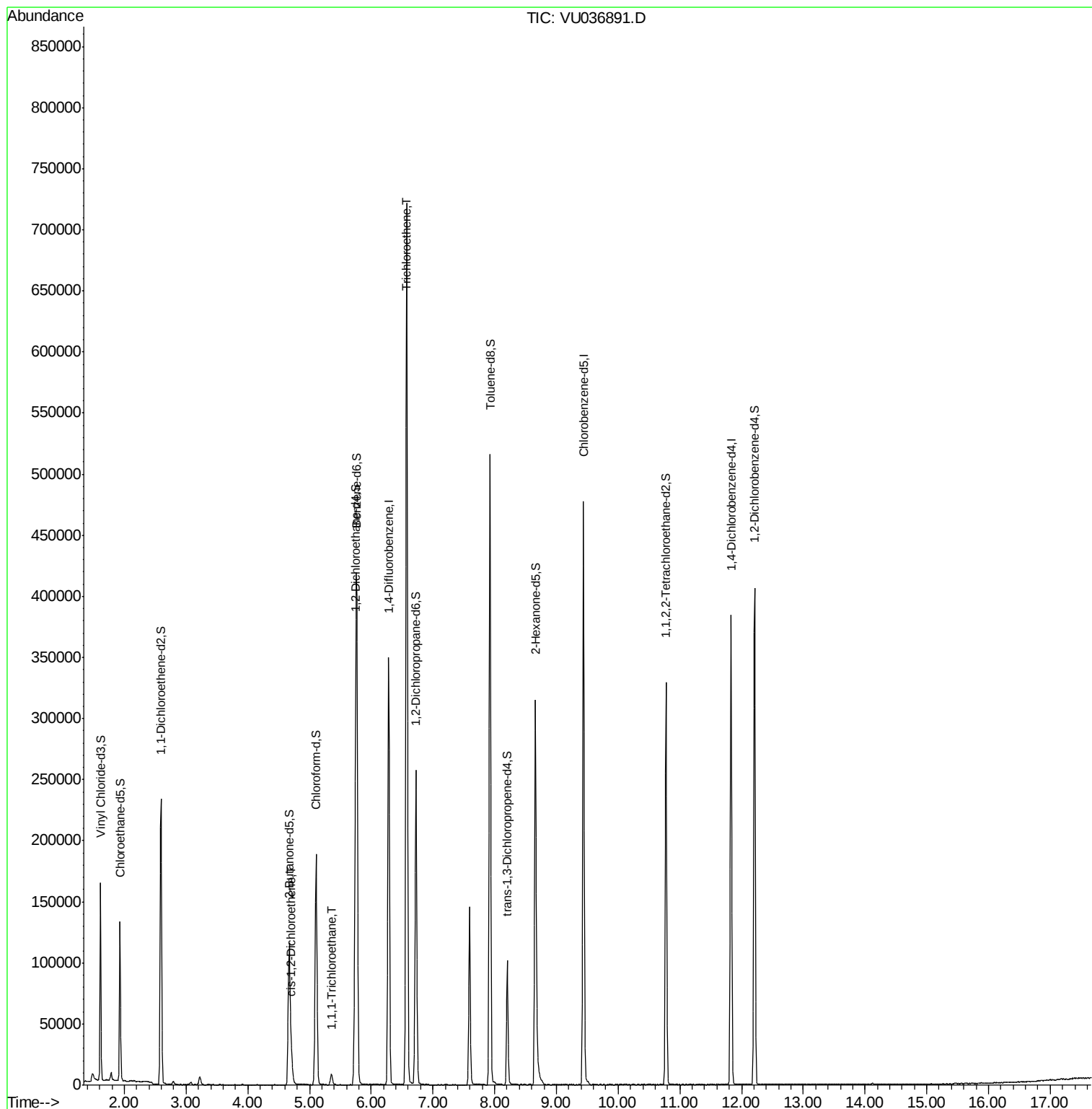
					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	9850	4.695 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	6591	2.466 ug/L	96
34) Trichloroethene	6.57	95	248058	128.148 ug/L	99

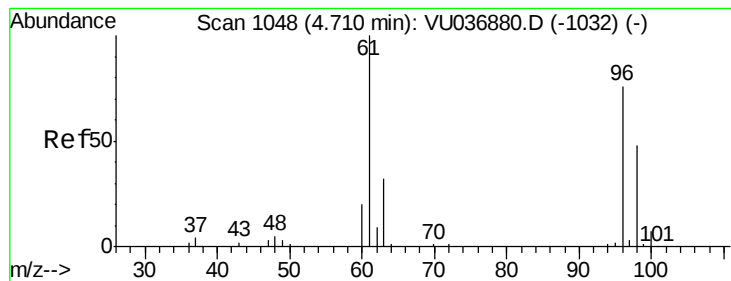
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 4.695 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

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C0AR6

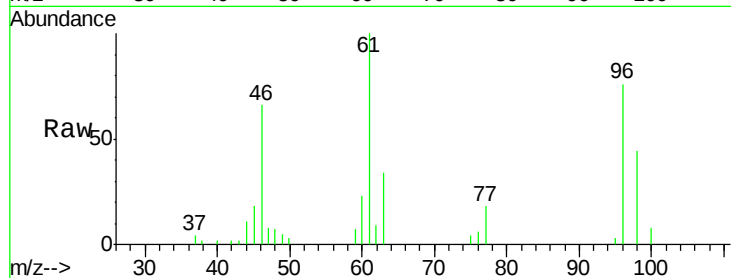
Tot Ion: 96 Resp: 9850

Ion Ratio Lower Upper

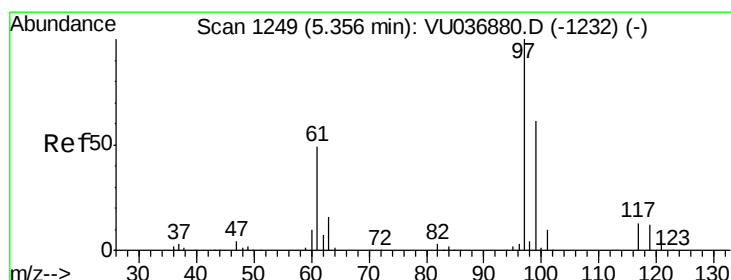
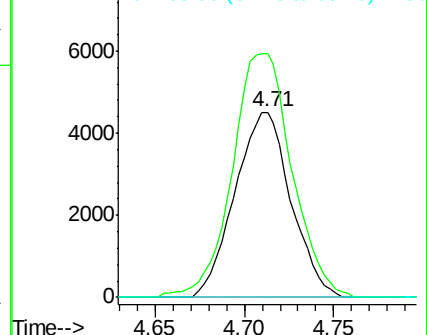
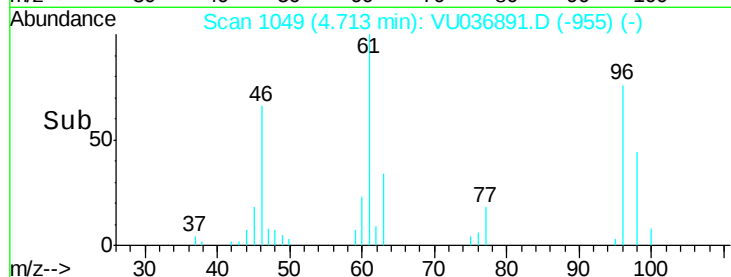
96 100

61 131.3 93.1 172.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036891.D (-955) (-)



#30

1,1,1-Trichloroethane

Concen: 2.466 ug/L

RT: 5.36 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU036891.D

Acq: 24 Feb 2020 18:22

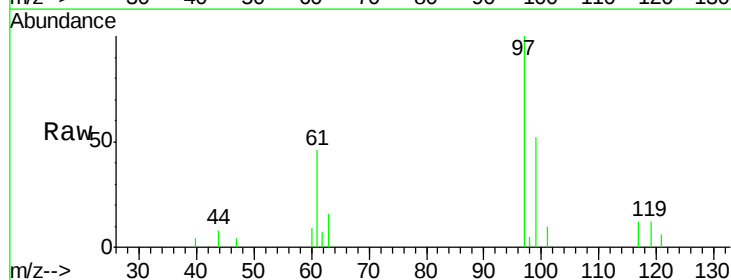
Tgt Ion: 97 Resp: 6591

Ion Ratio Lower Upper

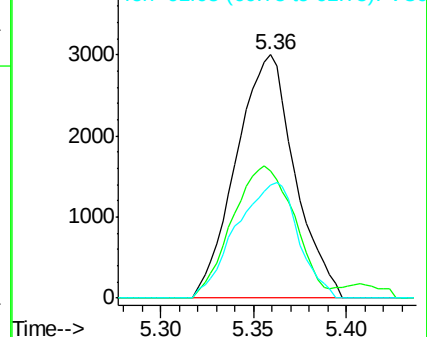
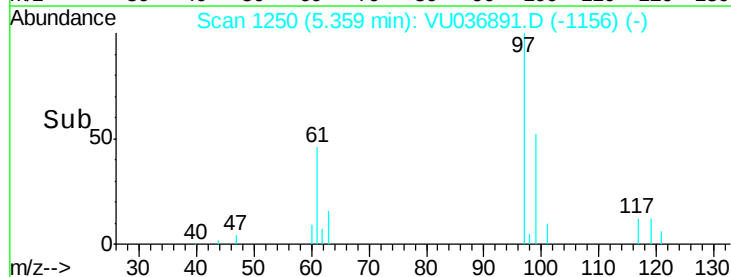
97 100

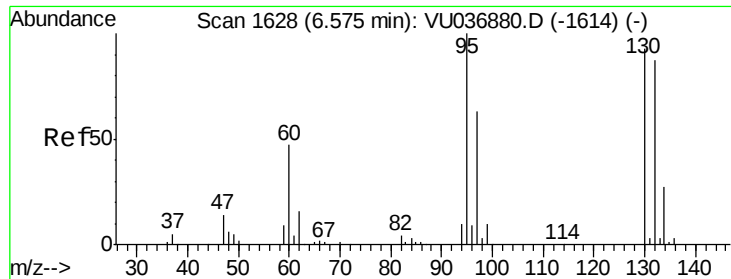
99 57.5 50.4 75.6

61 50.1 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU036891.D (-1156) (-)





#34

Trichloroethene

Concen: 128.148 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036891.D

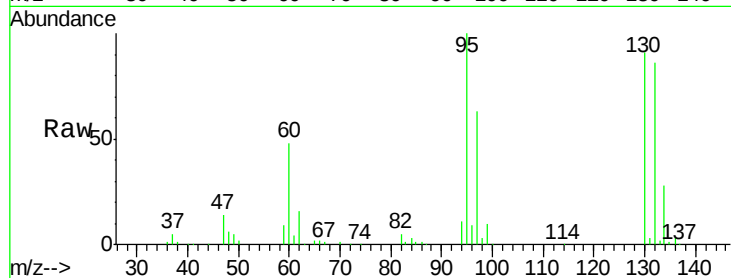
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Tot Ion: 95 Resp: 248058

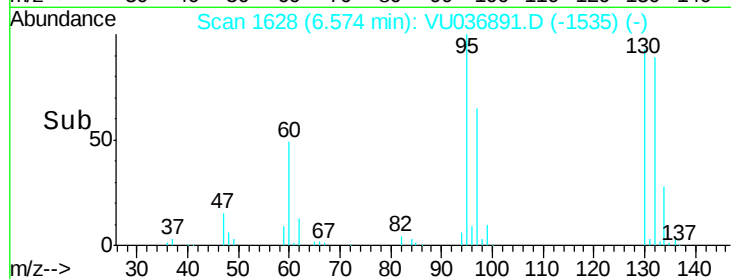
Ion Ratio Lower Upper

95 100

97 63.5 44.1 81.9

132 86.2 60.6 112.6

130 90.7 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

Time-->