

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036890.D
 Acq On : 24 Feb 2020 17:59
 Operator : JC/MD
 Sample : L1608-11 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR5

Quant Time: Feb 25 15:34:18 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	274161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95145	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107174	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.10%
7) Chloroethane-d5	1.93	69	90869	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.59	63	136730	35.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.92%
21) 2-Butanone-d5	4.67	46	159644	103.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.37%
24) Chloroform-d	5.11	84	167201	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.74	65	117328	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
32) Benzene-d6	5.76	84	369211	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
36) 1,2-Dichloropropane-d6	6.72	67	120248	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.28%
41) Toluene-d8	7.93	98	331946	48.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.66%
43) trans-1,3-Dichloropropene-	8.20	79	51453	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.66	63	116045	98.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.95%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	162659	48.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	96800	52.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.10%

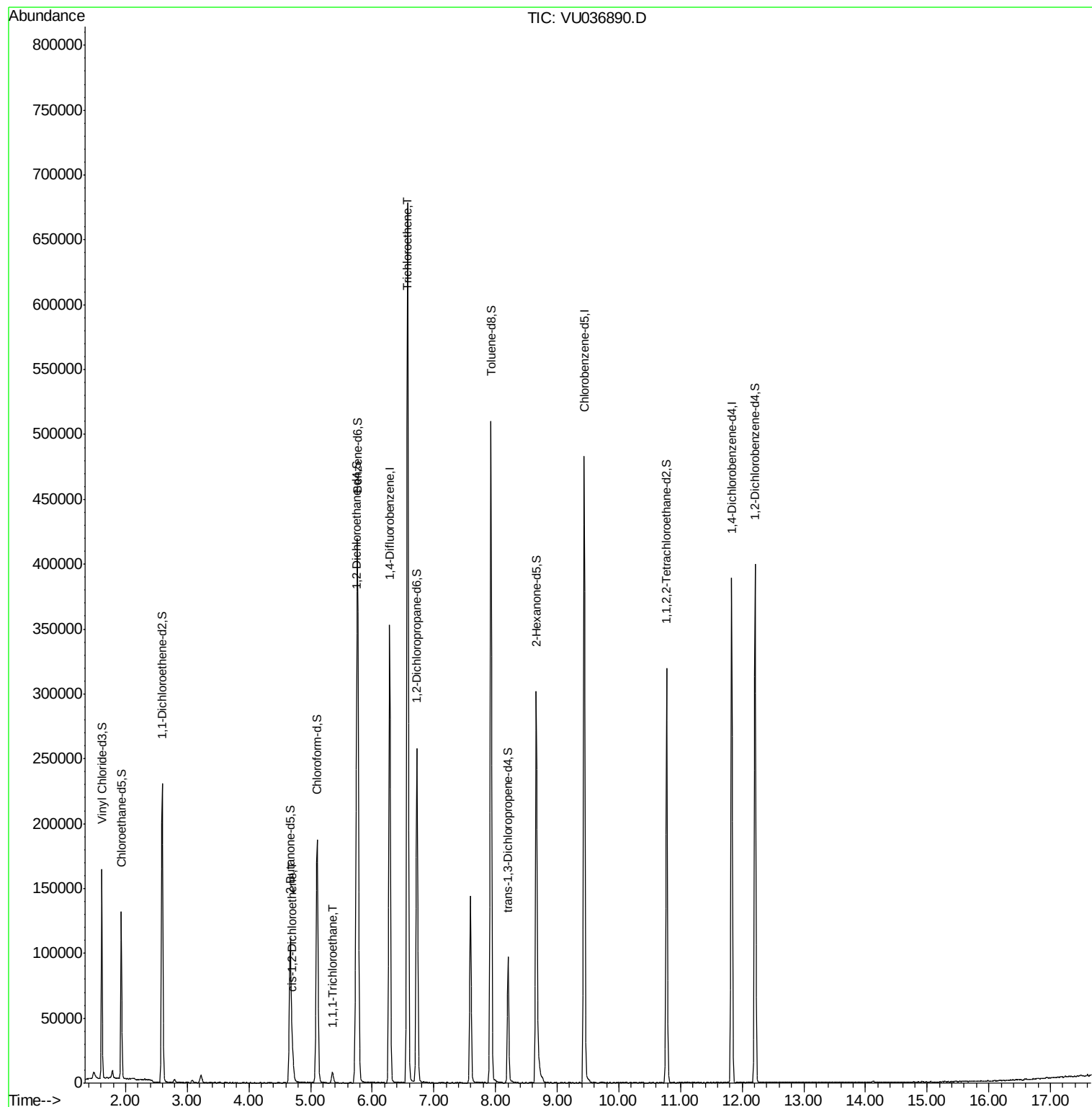
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	9416	4.427 ug/L	97
30) 1,1,1-Trichloroethane	5.36	97	6237	2.272 ug/L	98
34) Trichloroethene	6.57	95	231896	116.663 ug/L	99

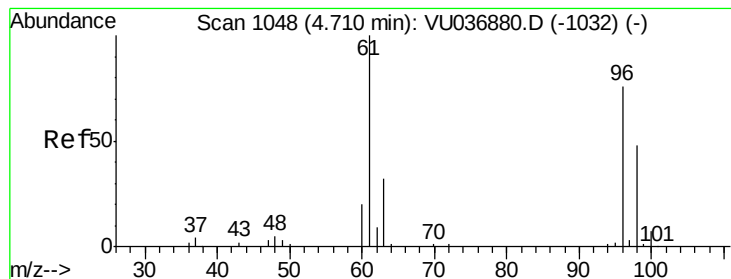
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 4.427 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

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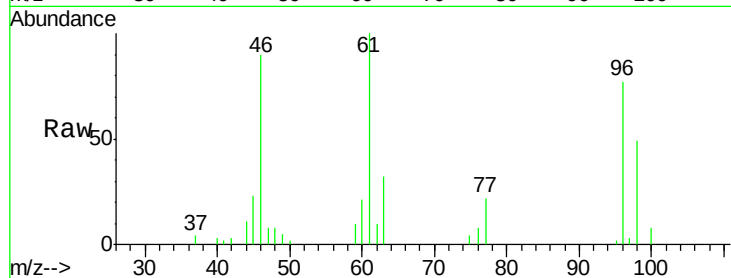
Tot Ion: 96 Resp: 9416

Ion Ratio Lower Upper

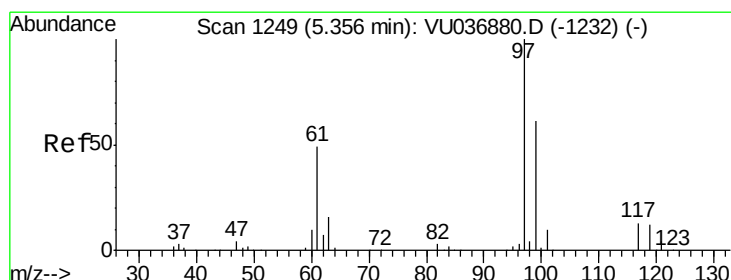
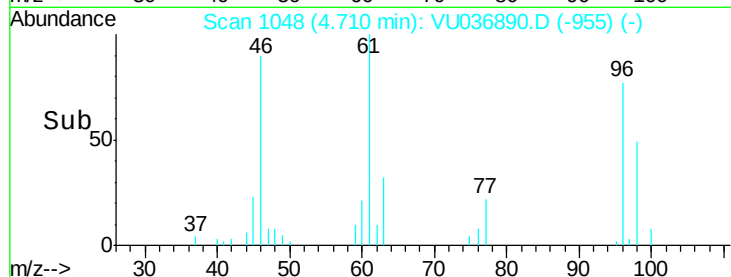
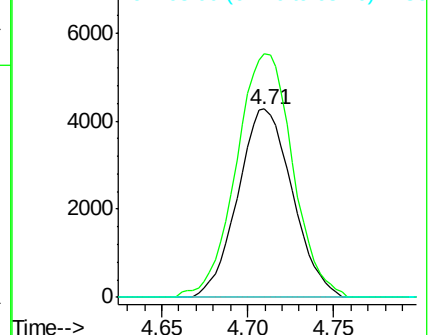
96 100

61 129.3 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: 2.272 ug/L

RT: 5.36 min Scan# 1250

Delta R.T. 0.00 min

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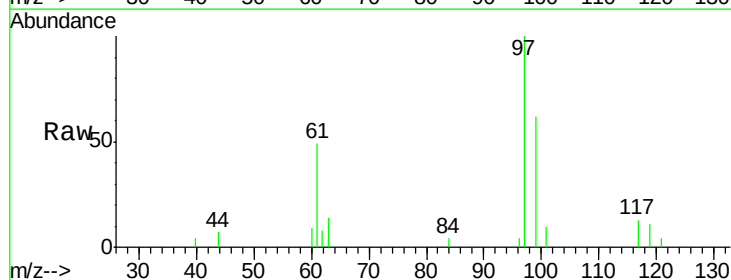
Tgt Ion: 97 Resp: 6237

Ion Ratio Lower Upper

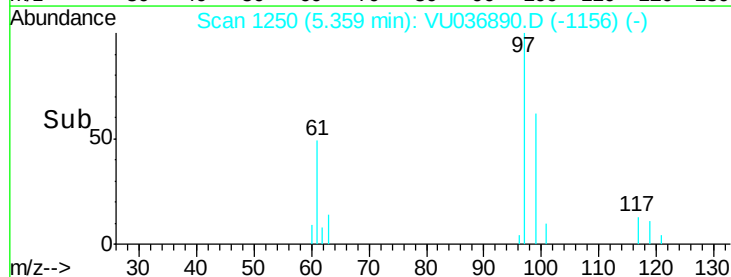
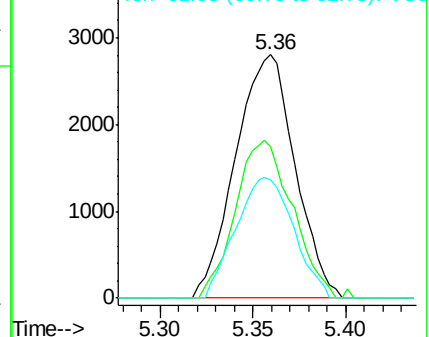
97 100

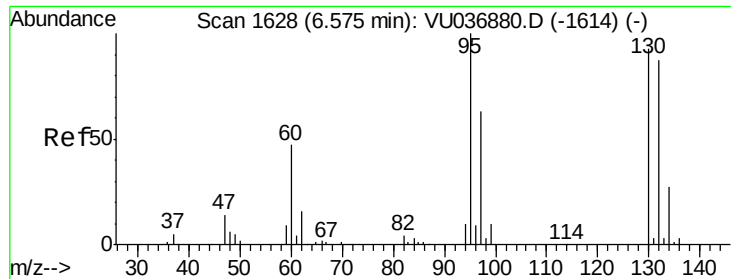
99 62.1 50.4 75.6

61 48.1 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 116.663 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 231896

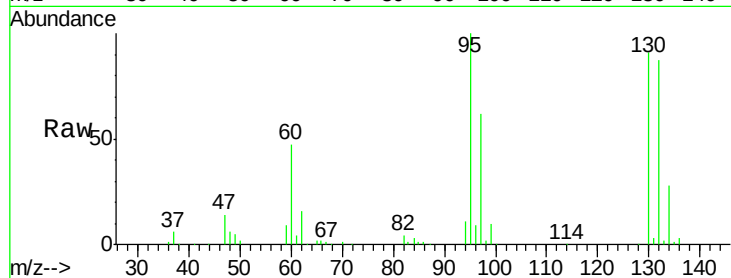
Ion Ratio Lower Upper

95 100

97 62.0 44.1 81.9

132 86.8 60.6 112.6

130 90.5 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

