

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
 Data File : VU037320.D
 Acq On : 17 Mar 2020 16:29
 Operator : JC/MD
 Sample : L1901-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NG5

Quant Time: Mar 18 04:19:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 02:36:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	417501	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	402837	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163192	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121244	37.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.04%
7) Chloroethane-d5	1.93	69	114045	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.56%
11) 1,1-Dichloroethene-d2	2.59	63	186366	31.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.88%
21) 2-Butanone-d5	4.67	46	258318	101.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.02%
24) Chloroform-d	5.11	84	288185	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.78%
26) 1,2-Dichloroethane-d4	5.74	65	213423	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
32) Benzene-d6	5.76	84	528908	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.72	67	173916	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.82%
41) Toluene-d8	7.92	98	485420	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%
43) trans-1,3-Dichloropropene-	8.20	79	90865	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.66	63	184329	98.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	264386	47.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.04%
64) 1,2-Dichlorobenzene-d4	12.21	152	181900	53.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.48%

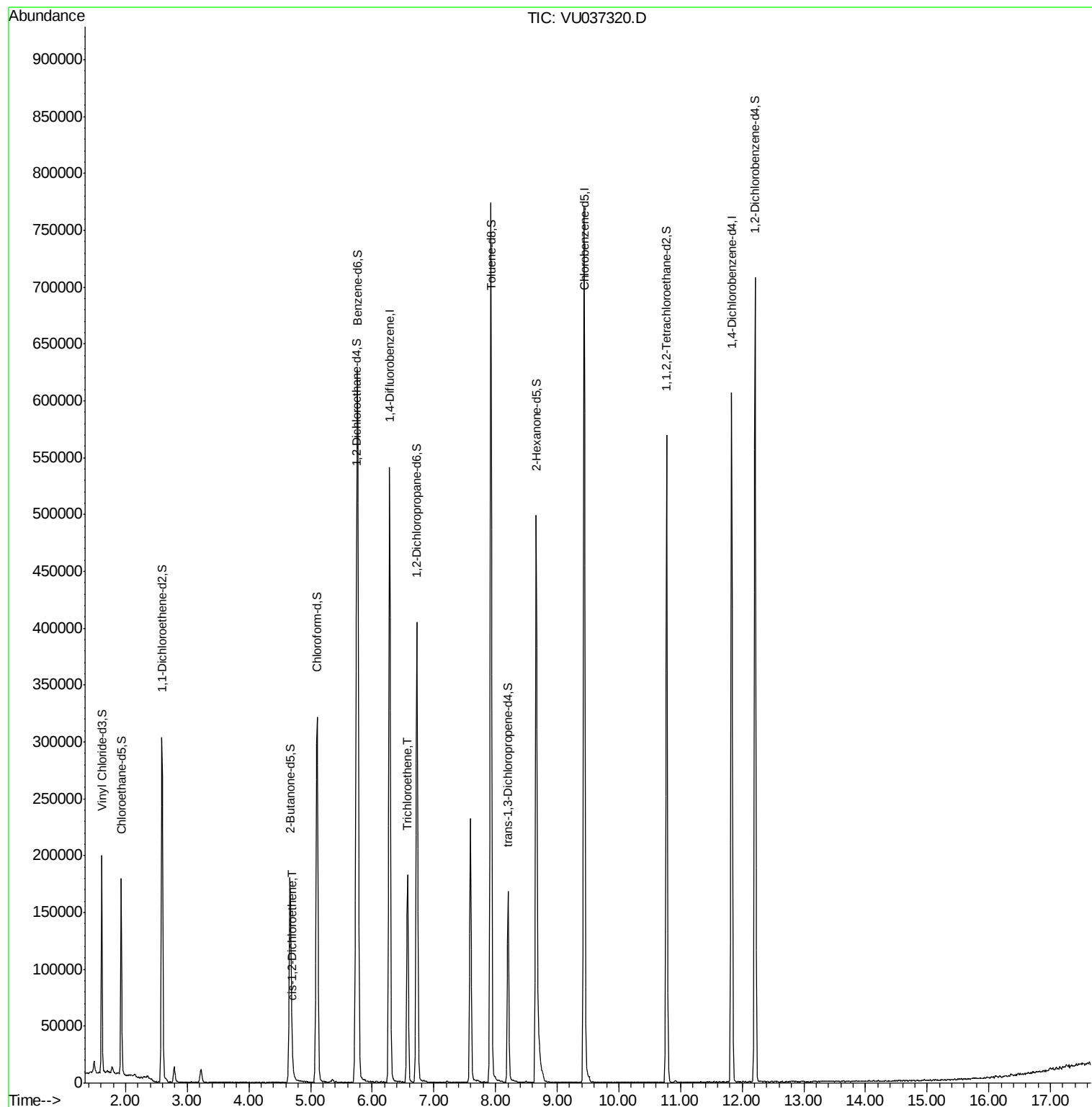
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	3066	0.982 ug/L	100
34) Trichloroethene	6.57	95	60727	19.682 ug/L	98

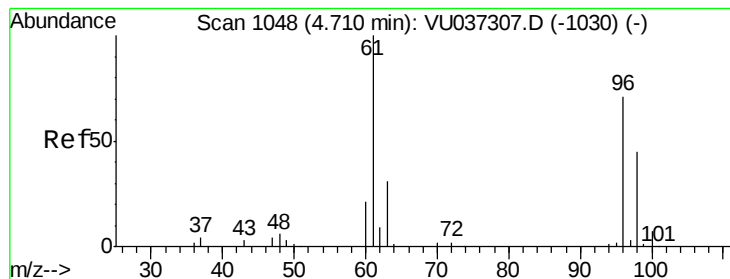
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 0.982 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU037320.D

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Instrument :

MSVOA_U

ClientSampleId :

C0NG5

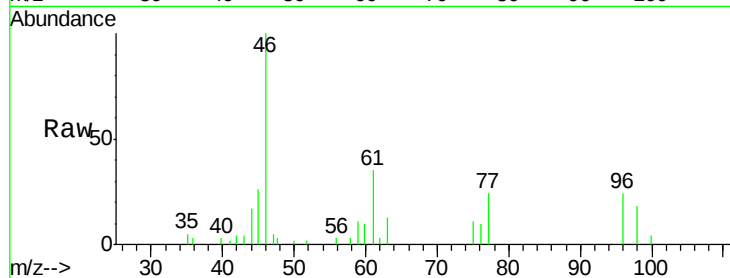
Tot Ion: 96 Resp: 3066

Ion Ratio Lower Upper

96 100

61 145.0 101.2 187.8

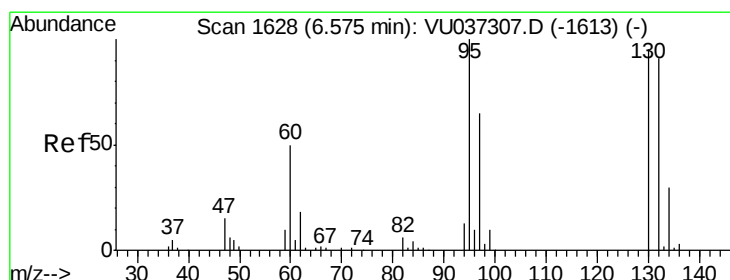
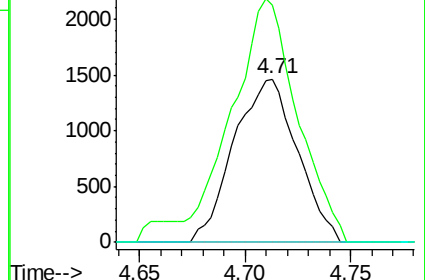
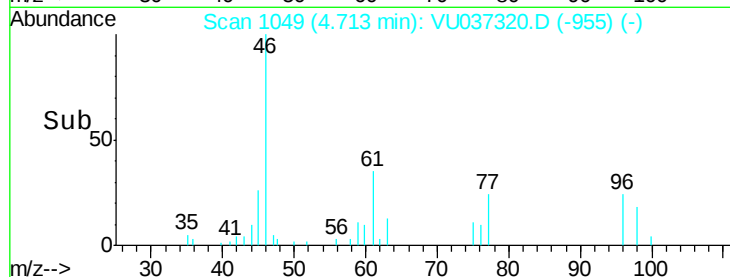
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037320.D (-1535) (-)

Ion 61.00 (60.70 to 61.70): VU037320.D (-1535) (-)

Ion 68.00 (67.70 to 68.70): VU037320.D (-1535) (-)



#34

Trichloroethene

Concen: 19.682 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 60727

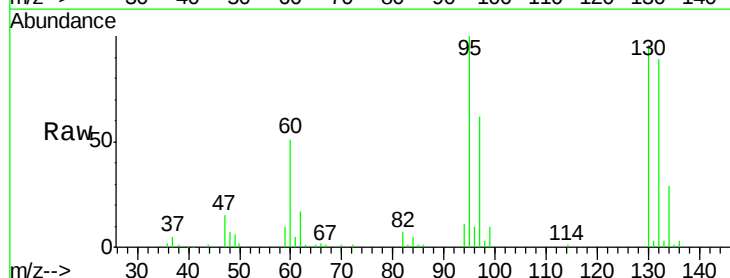
Ion Ratio Lower Upper

95 100

97 61.6 43.8 81.4

132 89.0 62.6 116.3

130 96.4 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU037320.D (-1535) (-)

Ion 97.00 (96.70 to 97.70): VU037320.D (-1535) (-)

Ion 132.00 (131.70 to 132.70): VU037320.D (-1535) (-)

Ion 130.00 (129.70 to 130.70): VU037320.D (-1535) (-)

