

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030855.D
 Acq On : 07 Apr 2019 14:33
 Operator : JC/SP
 Sample : K2283-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZ88

Quant Time: Apr 08 04:24:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 08 03:35:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	245014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	258596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113965	6.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.80%
7) Chloroethane-d5	1.68	69	91871	6.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.80%
11) 1,1-Dichloroethene-d2	2.27	63	164604	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.19	46	316771	65.66	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.32%#
24) Chloroform-d	4.64	84	167056	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.31	65	105820	6.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.60%
32) Benzene-d6	5.33	84	367165	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.33	67	130559	5.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.20%
41) Toluene-d8	7.56	98	301056	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.85	79	42413	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.31	63	215265	58.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99063	6.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	101617	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

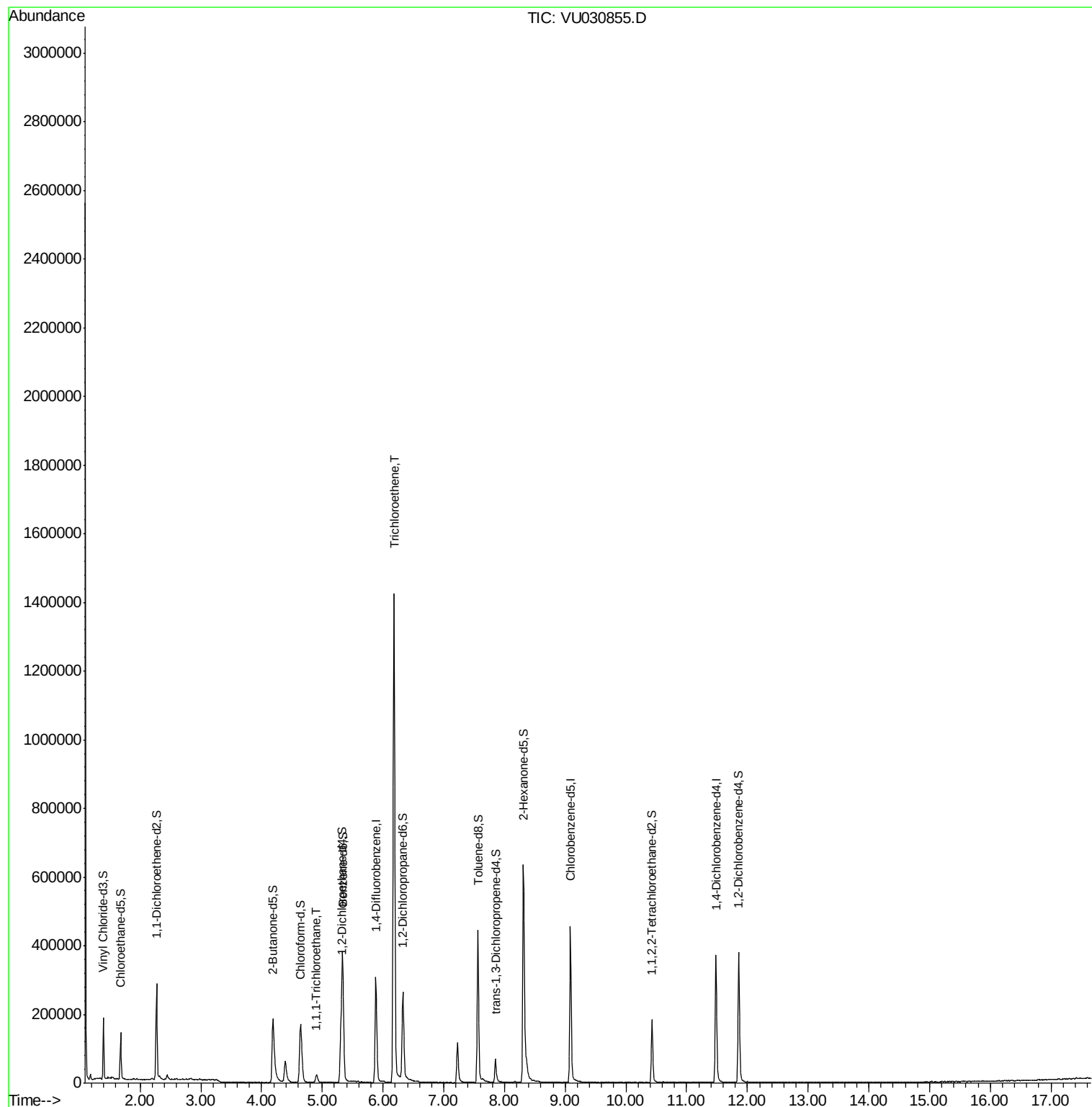
Target Compounds					Qvalue
29) 1,1,1-Trichloroethane	4.90	97	15823	0.480 ug/L	99
34) Trichloroethene	6.18	95	520821	23.783 ug/L	98

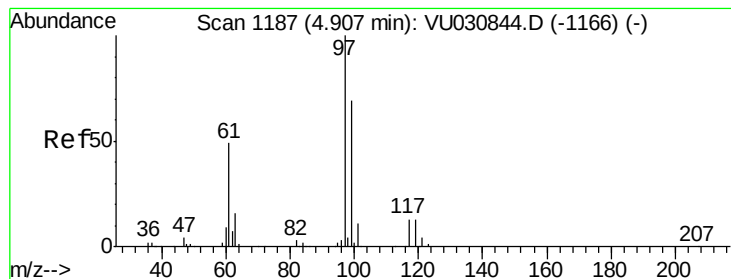
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

1,1,1-Trichloroethane

Concen: 0.480 ug/L

RT: 4.90 min Scan# 1186

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

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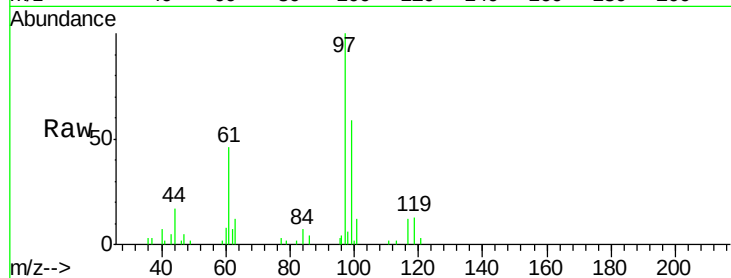
Tgt Ion: 97 Resp: 15823

Ion Ratio Lower Upper

97 100

99 65.7 51.8 77.6

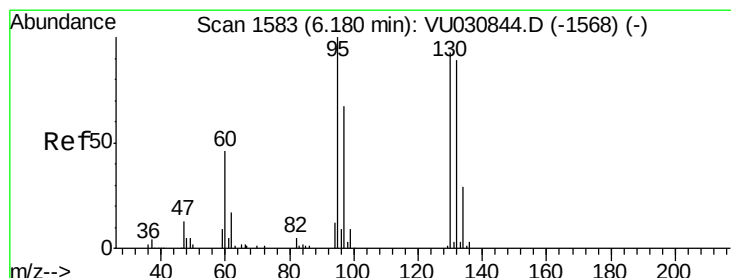
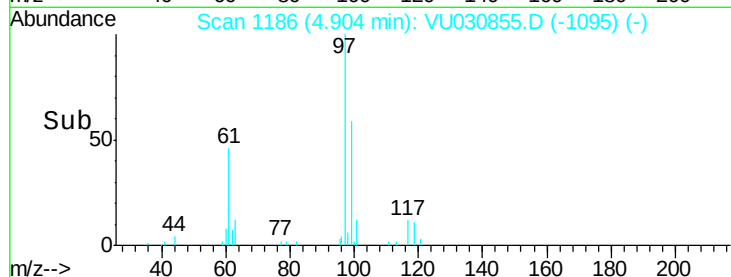
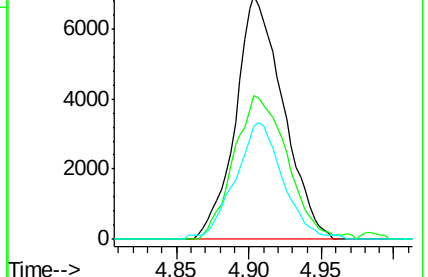
61 47.7 38.1 57.1



Abundance Ion 96.95 (96.65 to 97.65): VU030844.D (-1166) (-)

Ion 99.05 (98.75 to 99.75): VU030844.D (-1166) (-)

Ion 61.05 (60.75 to 61.75): VU030844.D (-1166) (-)



#34

Trichloroethene

Concen: 23.783 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 520821

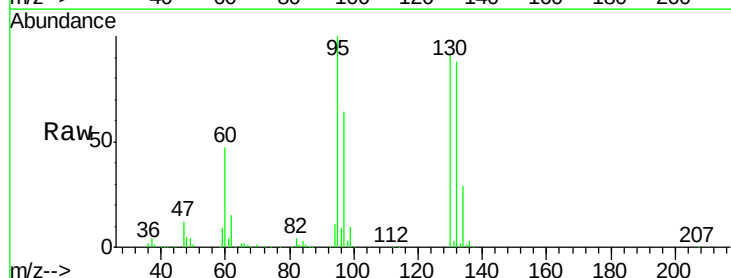
Ion Ratio Lower Upper

95 100

97 64.1 43.5 80.9

132 87.8 60.7 112.7

130 91.5 65.1 120.9



Abundance Ion 95.00 (94.70 to 95.70): VU030844.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU030844.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU030844.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU030844.D (-1568) (-)

